

US APPRENTICE SET



9100G5B0

US Apprentice Set

Stock No.	Description	Page
114ATMP	14 pc 1/4" Drive 6-Point SAE Shallow General Service Socket Set	132
204BAU	8 pc 3/8" Drive Adaptor/Extension Set	151
211FSY	11 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow Socket Set	155
2115FSY	11 pc 3/8" Drive 6-Point SAE Flank Drive® Deep Socket Set	157
317MSPC	17 pc 1/2" Drive 6-Point SAE General Service Socket Set	232
91ACP	8" Adjustable Joint Interlocking Channel Pliers	352
AW1015DHK	15 pc SAE L-Shaped Hex Wrench Set	363
BP16B	18 oz Ball Peen Hickory Handle Hammer (Blue-Point®)	401
CSABC	Rigid Carbon Scraper	412
ENC09602001	Verzi® MB0	—
F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet	144

- 9100G5B0 Complete Apprentice Set**
 • Includes 9100G50 and the KRA2055FPB0 Top Chest
9100G50 Apprentice Set
 • US Apprentice Set tools only
 • Does not include a top chest

Stock No.	Description	Page
GAZ95 ¹	2-1/4" Round Mirror with 1/4" Shaft (Blue-Point®)	777
HBPT16	18 oz Plastic Top Hammer	405
H550	Quick Cutter Hand Saw	403
HSG339	Bi-Mold Soft Grip Handle Hacksaw	403
MAGST2D016	20 Cell LED Maglite® Flashlight	—
OEX709B	8 pc 1/2-Point SAE Flank Drive® Combination Wrench Set	274
PL307ACP	3 pc Pliers Set	377
PPC710BK	11 pc Punch and Chisel Set	365
PRH57A	Convertible Reversing Ring Pliers (Blue-Point®)	365
PT5C ¹	Telescopic Magnetic Pick-Up Tool (Blue-Point®)	776
PWC6 ¹	Wire Stripper/Cutter (Blue-Point®)	368
SHDX400	8 pc Incline® Hard Grip Combination Screwdriver Set	343
TPMA12	12" Tape Rule	775

- 9100G5M Metric Plus Apprentice Set**
 • 9100G5 Set plus, AWM110DK Metric Hex Wrench Set (11 pc), 212FMY Metric 12-Point Socket Set (12 pc) and OEXM710B metric 12-Point Combination Wrench Set (10 pc)
 • Does not include a top chest



KRA4059FPB0



9000GS2

US Set 2

Stock No.	Description	Page
1650	16" Prybar	376
1105TMY	10 pc 1/4" Drive 6-Point SAE Flank Drive® Deep Socket Set	114
112TMMY	12 pc 1/4" Drive 6-Point Metric Flank Drive® Shallow Socket Set	112
2004B5KA	4 pc Battery Service Kit	701
212EFTXY	12 pc Combination Drive TORX® Bit Standard Socket Set	120
212FSMY	12 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow Socket Set	155
212FSFMY	12 pc 3/8" Drive 6-Point Metric Flank Drive® Deep Socket Set	156
97ACF	9" Needle Nose Pliers	363
AC5C	Hand Scratch Brush (Blue-Point®)	812
AWM110DHK	11 pc Metric L-Shaped Hex Wrench Set	303
FADH12C	12" Flank Drive® Plus Adjustable Wrench	305
FB303B†	Wire Gap for Electronic Ignition Systems Gauge	772
FB316B†	Feeler Gauge Set (Blue-Point®)	770
FB325A†	25 pc SAE and Metric Feeler Gauge Set (Blue-Point®)	453
FB361A†	Gapper Gauge (Blue-Point®)	772
FLF80A	3/8" Drive Dual 80° Technology Long Handle Flex-Head Ratchet	145

KRA4059FPB0 26" Nine-Drawer Top Chest

- Lock 'N Roll® system prevents the drawers from drifting open during unit movement
- Drawer pulls are 50% deeper than other brands for better leverage
- Rolled drawer edges for strength and safety
- Teardrop-shaped drawer hems provide safe edges and keep drawers from sagging
- High-security tubular interchangeable locks
- Tough nine-step pre-painting process
- Four Colors: Red (PBO), Gloss Black (PC), Royal Blue (PCM), Electric Orange (PJK)

Stock No.	Description	Page
FXX11	3/8" Drive 11" Knurled Friction Ball Extension	149
GSAP1F	1/2" Drive Square Drive Adapter	206
KRA4059FPB0	26" Nine-Drawer Top Chest	48
LP10WR	Curved Jaw with Cutter Locking Pliers	363
OEX30B	15/16" 12-Point SAE Flank Drive® Combination Wrench	275
OEX32B	1" 12-Point SAE Flank Drive® Combination Wrench	275
OEXM710B	10 pc 12-Point Metric Flank Drive® Combination Wrench Set	273
PK53A	Single Bevel Putty Knife/Scraper (Blue-Point®)	614
RXF5605B	5 pc 6-Point SAE Flank Drive® Double End Flare Nut Wrench Set	288
S9704KA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Shallow Spark Plug Socket	422
S9706KRA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Standard Retention Spark Plug Socket	421
SGA173BR	Soft Grip Radiator Hose Pick	722
SGA5A204CR	4 pc Instinct® Soft Grip Miniature Pick Set	370
SGDMRC44B	Ratcheting Soft Grip Standard Screwdriver†	355
SGT4BR	1/4" Drive 6-13/16" Instinct® Soft Grip Standard Shank Driver	107
TMXX60	1/4" Drive 6" Knurled Extension	108

9000GS2 Add-On Group 2

- More than 100 pc
- Does not include a tool storage unit

9200AG50 Tools Only US Set 2

- Includes 9100GSO and 9000GS2
- Does not include tool storage

9200GSB Complete US Set 2

- Includes 9100GSO, 9000GS2, plus the KRA4059FPB0 top chest



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US SET 3



KRA4059FPB0



KRA4008FPB0



9000GS30

US Set 3

Stock No.	Description	Page
1125TMMY	12 pc 1/4" Drive 6-Point Metric Flank Drive® Deep Socket Set	113
2078FAMY	7 pc 3/8" Drive Metric Hex Bit Socket Set	170
208EFAY	8 pc 3/8" Drive SAE Standard Hex Bit Socket Set	171
310IMMYA	10 pc 1/2" Drive 6-Point Metric Flank Drive® Shallow Impact Socket Set	220
310SIMMYA	10 pc 1/2" Drive 6-Point Metric Flank Drive® Deep Impact Socket Set	222
310IMYA	11 pc 1/2" Drive 6-Point SAE Flank Drive® Shallow Impact Socket Set	221
313TWMYA	13 pc 1/2" Drive 6-Point Metric Flank Drive® Shallow Socket Set	208
AC58E	Wax Brush (Blue-Point®)	812
IF80D	1/2" Drive Swivel Ball Lock Button Impact Universal Joint	219
JT13B	Blow Gun (Blue-Point®)	573
OEXM6B	6 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
OEXM7B	7 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
OEXM8B	8 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
OEXM9B	9 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
PT850	1/2" Drive Air Impact Wrench	525
GD3R250A	1/2" Drive SAE Adjustable Click-Type Fixed Ratchet Torque Wrench (50-250 ft-lb)	314
RXFMS606B	6 pc 6-Point Metric Flank Drive® Double End Flare Nut Wrench Set	288
S8	1/2" Drive 2-11/16" Friction Ball Universal Joint	206
SL80A	1/2" Drive Dual 80° Technology Long Handle Ratchet	201
SPBS24A0	24" Striking Prybar	374
SXK3	1/2" Drive 3-1/2" Extension	204
TF72	1/4" Drive Dual 80° Technology Standard Handle Flex-Head Ratchet	104
TMXK140	1/4" Drive 14" Knurled Extension	108

9000GS30 Add-On Group 3

- More than 100 pc
- Does not include tool storage

9300GSB0 Complete US Set 3

- Includes 9200AGS and 9200GS3, plus the KRA4008FPB0 Roll Cab and KRA4059FPB0 Top Chest

9300GS0 Tools Only US Set 3

- Includes 9200AGS and 9000GS3
- Does not include tool storage



9000GS40



9400GS80

US Set 4

Stock No.	Description	Page
1250	12" Prybar	376
204AFSA	6 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow Universal Socket Set	159
204FSUMA	6 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow Flex Socket Set	159
2075FRH	7 pc 3/8" Drive 6-Point SAE Flank Drive® Flare Nut Crowfoot Wrench Set	291
210FRHMA	10 pc 3/8" Drive 6-Point Metric Flank Drive® Flare Nut Crowfoot Wrench Set	291
313T5YA	13 pc 1/2" Drive 6-Point SAE Flank Drive® Deep Socket Set	209
388ACF	8" High-Leverage Diagonal Cutter	378
61CF	8" Duck Bill Pliers	381
AWP160	16" Adjustable Joint Pliers	382
BP24B	24 oz Ball Peen Hickory Hammer (Blue-Point®)	401
CJ2001P	Bolt Grip Puller Set	—
CSA12CO	12-TB® Rigid Carbon Scraper	413
E1020	19 pc Extractor Set (Blue-Point®)	427
FADH8B	8" Flank Drive® Plus Adjustable Wrench	305
FL80	3/8" Drive Dual 80° Technology Long Handle Ratchet	144
FX24A	3/8" Drive 24" Friction Ball Extension	149
FXX4	3/8" Drive 4" Knurled Friction Ball Extension	149
FXX8	3/8" Drive 8" Knurled Friction Ball Extension	149
HB8D32	32 oz Ball Peen Soft Grip Dead Blow Hammer	399
HBFE32	32 oz Soft Grip Dead Blow Hammer	398
JCW62R	Standard Creeper	762
LP7WR	7" Curved Jaw with Cutter Locking Pliers	383
OEX080B	1/4" 12-Point SAE Flank Drive® Short Combination Wrench	277
OEX10B	5/16" 12-Point SAE Flank Drive® Combination Wrench	275
OEX34B	1-1/16" 12-Point SAE Flank Drive® Combination Wrench	275
OEX36B	1-1/8" 12-Point SAE Flank Drive® Combination Wrench	275

9000GS40 Add-on Group 4

- More than 250 pc
- Does not include tool storage

9400GS80 Complete US Set 4

- Includes 9300GS0, 9000GS40 plus KRL756CPBO Roll Cab and KRL751FPBO Top Chest

9400GS0 Tools Only US Set 4

- Includes 9300GS0 and 9000GS40
- Does not include tool storage

Stock No.	Description	Page
OEX40B	1-1/4" 12-Point SAE Flank Drive® Combination Wrench	275
OEXM200B	20 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM210B	21 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM220B	22 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXS709B	9 pc 6-Point SAE Flank Drive® Short Combination Wrench Set	277
OEX5M710B	10 pc 12-Point Metric Flank Drive® Short Combination Wrench Set	276
PPB1012A	Bronze Tapered Punch	397
PPC104A	Pin Punch	395
PPC108A	5-3/4" Pin Punch	395
PPC204A	5-3/4" Starter Punch	395
PPC208A	6-3/4" Starter Punch	395
PPC3A	Center Punch	395
PPC5A	6-15/16" Punch/Chisel Holder	395
SGCP1BR	Soft Grip Cotter Pin Puller	675
SGHBF500A	4 pc Instock® Mixed File Set	410
SHDX40R	4 pc Instock® Combination Hard Grip Mini-Tip Screwdriver Set	343
SN24C	1/2" Drive 24" Standard Handle Breaker Bar	203
SPBS18A0	18" Striking Prybar	274
SRPCR105	5 pc Snap Ring Pliers Set	384
SSM5A	Flat Tip Screw Aluminum Starter (Blue-Point®)	358
SX2	1/2" Drive 2" Extension	204
TA3	1/8" Drive Square Drive Adapter	109
TF528D	Tube Cutting and Double Flaring Set (Blue-Point®)	417
TM61A	1/4" Drive 6" Flexible Extension	109
TMX1	1/4" Drive 1-1/4" Extension	108
TMXX110	1/4" Drive 11" Knurled Extension	108
UTK100	Retractable Utility Knife	409



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• Read Safety Precautions on pages W1-W4

US SET 5



9000GS50



9500GS80

9000GS50 Add-On Group 5
 • More than 150 pc
 • Does not include tool storage

9500GS80 Complete US Set 5
 • Includes 9400GS0 and 9000GS50,
 plus the KRL756CP80 Roll Cab and
 KRL751PB0 Top Chest

9500GS0 Tools Only US Set 5
 • Includes 9400GS0 and 9000GS50
 • Does not include tool storage

US Set 5

Stock No.	Description	Page
650	6" Prybar	376
196ACF	8" Long Nose Pliers with Cutter	380
212IMFYA	12 pc 3/8" Drive 6-Point SAE Flank Drive® Shallow Impact Socket Set	176
212SIFMYA	12 pc 3/8" Drive 6-Point SAE Flank Drive® Deep Impact Socket Set	176
214IMFMYA	14 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow Impact Socket Set	176
214SIFMYA	14 pc 3/8" Drive 6-Point Metric Flank Drive® Deep Impact Socket Set	176
313TSMYA	13 pc 1/2" Drive 6-Point Metric Flank Drive® Deep Socket Set	210
497ACF	7" 90° Angle Jaw Needle Nose Pliers	380
AWP120	12" Adjustable Joint Pliers	382
BP8B	8 oz Ball Peen Hammer Hickory Handle (Blue-Point®)	401
CJ2002	Gear Puller Set	443
F12LB	3/8" Drive 11-9/16" Long Handle Breaker Bar	148
FADH10B	10" Flank Drive® Plus Adjustable Wrench	305
FBF80A	3/8" Drive Dual 80° Technology Standard Handle Bent Flex-Head Ratchet	—
FK80	3/8" Drive Dual 80° Technology Stubby Handle Ratchet	144
HBBT24	24 oz Bronze Tip Hammer	399
IMM200	1/2" Drive 6-Point Metric 20 mm Flank Drive® Shallow Impact Socket	220
IMM210	1/2" Drive 6-Point Metric 21 mm Flank Drive® Shallow Impact Socket	220
IMM220	1/2" Drive 6-Point Metric 22 mm Flank Drive® Shallow Impact Socket	220
IMM230	1/2" Drive 6-Point Metric 23 mm Flank Drive® Shallow Impact Socket	220
IPF800B	3/8" Drive Friction Ball Swivel Ball Impact Universal Joint	175
MG325	3/8" Drive Air Impact Wrench	528
OEX8B	1/4" 12-Point SAE Flank Drive® Combination Wrench	274
OEX11B	11/32" 12-Point SAE Flank Drive® Combination Wrench	274
OEX38B	1-3/16" 12-Point SAE Flank Drive® Combination Wrench	274
OEX42B	1-5/16" 12-Point SAE Flank Drive® Combination Wrench	274
OEX260B	13/16" 12-Point SAE Flank Drive® Short Combination Wrench	277
OEX280B	7/8" 12-Point SAE Flank Drive® Short Combination Wrench	277
OEX300B	15/16" 12-Point SAE Flank Drive® Short Combination Wrench	277
OEX320B	1" 12-Point SAE Flank Drive® Short Combination Wrench	277
OEXM90B	9 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM230B	23 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM240B	24 mm 12-Point Metric Flank Drive® Combination Wrench	273
OXI8B	1/4" 12-Point SAE Flank Drive® Midget Combination Wrench	278
OXI10B	5/16" 12-Point SAE Flank Drive® Midget Combination Wrench	278

Stock No.	Description	Page
OXI12B	3/8" 12-Point SAE Flank Drive® Midget Combination Wrench	278
OXI706B	6 pc 1/2-Point SAE Flank Drive® Midget Combination Wrench Set	276
OXI707B	7 mm 12-Point Metric Flank Drive® Midget Combination Wrench	277
OXI88B	8 mm 12-Point Metric Flank Drive® Midget Combination Wrench	277
OXI89B	9 mm 12-Point Metric Flank Drive® Midget Combination Wrench	277
OXI710B	10 pc 1/2-Point Metric Flank Drive® Midget Combination Wrench Set	277
PPC110A	5-1/4" Pin Punch	395
PPC210A	7-1/4" Starter Punch	395
PPC824B	7-1/4" Flat Chisel	395
PPC828B	8" Flat Chisel	395
PT28E [†]	Pick-Up Tool (Blue-Point®)	776
PTR72	3/8" Drive Super-Duty Air Ratchet	530
PWC14 [†]	Wire Stripper/Cutler/Crimper/Bolt Cutter (Blue-Point®)	388
QD2R100A	3/8" Drive SAE Adjustable Click-Type Fixed Ratchet Torque Wrench (23-150 ft-lb)	314
RTD48 [†]	48 pc Master Rethreading Tap and Die Set	423
S9704KPUA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Universal Spark Plug Socket	420
S9706KRFUA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Universal Retention Spark Plug Socket	421
SDM400A	Master SAE Screwdriver Bit Set	360
SF80A	1/2" Drive Dual 80° Technology Standard Handle Flex-Head Ratchet	201
S6DE43ESD	Flat Tip 1/8" Electronic Thin Blade Screwdriver	347
S6DE44ESD	Flat Tip 1/8" Electronic Thin Blade Screwdriver	347
S6DE46ESD	Flat Tip 1/8" Electronic Thin Blade Screwdriver	347
SHDP62IRR	PHILLIPS® #2 Instinct® Hard Grip Standard Screwdriver	346
SHDP63IRR	PHILLIPS® #3 Instinct® Hard Grip Screwdriver	346
SHDP162R	PHILLIPS® #2 Instinct® Hard Grip Cabinet Screwdriver	346
SIMM200	1/2" Drive 6-Point Metric 20 mm Flank Drive® Deep Impact Socket	222
SIMM210	1/2" Drive 6-Point Metric 21 mm Flank Drive® Deep Impact Socket	222
SIMM220	1/2" Drive 6-Point Metric 22 mm Flank Drive® Deep Impact Socket	222
SIMM230	1/2" Drive 6-Point Metric 23 mm Flank Drive® Deep Impact Socket	222
SIMM240	1/2" Drive 6-Point Metric 24 mm Flank Drive® Deep Impact Socket	222
SPB512AO	12" Striking Prybar	374
SSDMR1AO	4-5/16" Ratcheting Magnetic Stubby Screwdriver	306
TC123C [†]	Tubing Cutter (Blue-Point®)	—
VS807B	7 pc SAE Four-Way Angle Head Open-End Wrench Set	286
XB605A	5 pc 1/2-Point SAE Flank Drive® 10" Offset Box Wrench Set	280
XB603A	5 pc 1/2-Point Metric Flank Drive® 10" Offset Box Wrench Set	279



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US SET 6



900GS60



9600GS80

900GS60 Add-On Group 6
 • More than 250 pc
 • Does not include tool storage

9600GS80 Complete US Set 6
 • Includes 9500G50 and 900GS60,
 plus tool storage

9600G50 Tools Only US Set 6
 • Includes 9500G50 and 900GS60,
 Includes wall cabinet assembly
 • Does not include tool storage

US Set 6

Stock No.	Description	Page
Z030	20" Prybar	376
106ATMXWP	6 pc 1/4" Drive Wobble Plus Extension Set	109
106TMUSA	6 pc 1/4" Drive 6-Point SAE Flank Drive [†] Shallow Universal Socket Set	116
10SSD	Flat Tip 90° Offset Screwdriver (Blue-Point [®])	351
110ETMAY	10 pc 1/4" Drive SAE Hex Driver Bit Socket Set	124
120SSDP	PHILLIPS [®] 90° Offset Screwdriver (Blue-Point [®])	351
Z05JPF	5 pc 3/8" Drive 6-Point SAE Flank Drive [†] Shallow Impact Swivel Socket Set	179
Z04AFXWP	6 pc 3/8" Drive Wobble Plus Extension Set	150
Z05SD	Flat Tip 90° Offset Screwdriver (Blue-Point [®])	351
Z07IPLY	7 pc 1/2" Drive 6-Point SAE Flank Drive [†] Shallow Impact Swivel Socket Set	226
A265A	Socket Rail with 1/4" Clips	562
A27IBB	Socket Clip	—
AWP45	5" Adjustable Joint Pliers	382
AWP65	7" Adjustable Joint Pliers	382
BP12B	12 oz Ball Peen Hammer Hickory Handle (Blue-Point [®])	401
CHN480	20" Adjustable Joint Pliers (Blue-Point [®])	382
CJ2003A	Rear Axle Puller Set	—
CJ2004	Interchangeable Puller Set	—
CJ2005	Master Interchangeable Puller Set	—
CM6551A [†]	5 pc Miniature Screwdriver Set	363
DBTR129 [†]	29 pc High-Speed Mechanic's Length 135° Point with Three-Flat Shank Drill Bit Set	555
FADH6C	6" Flank Drive [†] Plus Adjustable Wrench	305
FS12B	3/8" Drive 6-Point SAE 3/8" Flank Drive [†] Shallow Universal Socket	150
FSUM11A	3/8" Drive 6-Point Metric 11 mm Flank Drive [†] Shallow Universal Socket	150
FSUM16A	3/8" Drive 6-Point Metric 16 mm Flank Drive [†] Shallow Universal Socket	150
FSUM18A	3/8" Drive 6-Point Metric 18 mm Flank Drive [†] Shallow Universal Socket	150
FSUM19A	3/8" Drive 6-Point Metric 19 mm Flank Drive [†] Shallow Universal Socket	150
FX18	3/8" Drive 18" Friction Ball Extension	140
FX36	3/8" Drive 36" Friction Ball Extension	140
HBFE48	48 oz Soft Grip Dead Blow Hammer	388
IMTM8A	1/4" Drive 6-Point SAE 1/4" Flank Drive [†] Shallow Impact Socket	126
IMTM10A	1/4" Drive 6-Point SAE 5/16" Flank Drive [†] Shallow Impact Socket	126
IMTM12A	1/4" Drive 6-Point SAE 3/8" Flank Drive [†] Shallow Impact Socket	126
IMTM14A	1/4" Drive 6-Point SAE 7/16" Flank Drive [†] Shallow Impact Socket	126
IMTM16A	1/4" Drive 6-Point SAE 1/2" Flank Drive [†] Shallow Impact Socket	126
IMTM18A	1/4" Drive 6-Point SAE 9/16" Flank Drive [†] Shallow Impact Socket	126
INTMM5	1/4" Drive 6-Point Metric 5 mm Flank Drive [†] Shallow Impact Socket	126
INTMM5.5	1/4" Drive 6-Point Metric 5.5 mm Flank Drive [†] Shallow Impact Socket	126
INTMM6	1/4" Drive 6-Point Metric 6 mm Flank Drive [†] Shallow Impact Socket	126
INTMM7	1/4" Drive 6-Point Metric 7 mm Flank Drive [†] Shallow Impact Socket	126
INTMM8	1/4" Drive 6-Point Metric 8 mm Flank Drive [†] Shallow Impact Socket	126
INTMM9	1/4" Drive 6-Point Metric 9 mm Flank Drive [†] Shallow Impact Socket	126
INTMM10	1/4" Drive 6-Point Metric 10 mm Flank Drive [†] Shallow Impact Socket	126
INTMM11	1/4" Drive 6-Point Metric 11 mm Flank Drive [†] Shallow Impact Socket	126
INTMM12	1/4" Drive 6-Point Metric 12 mm Flank Drive [†] Shallow Impact Socket	126

Stock No.	Description	Page
IMTMM13	1/4" Drive 6-Point Metric 13 mm Flank Drive [†] Shallow Impact Socket	126
IMTMM14	1/4" Drive 6-Point Metric 14 mm Flank Drive [†] Shallow Impact Socket	126
IMTMM15	1/4" Drive 6-Point Metric 15 mm Flank Drive [†] Shallow Impact Socket	126
LP6LN	Long Nose Locking Pliers	383
NDD900B	9 pc SAE Nut Driver Set (3/16"-1/2")	350
OEX448	1-3/8" 12-Point SAE Flank Drive [†] Combination Wrench	274
OEX448	1-7/16" 12-Point SAE Flank Drive [†] Combination Wrench	274
OEX488	1-1/2" 12-Point SAE Flank Drive [†] Combination Wrench	274
PB7150A	P-Series Cutting Pliers	379
P91355A	5-1/2" 45° Bevel Needle Nose Pliers	379
P92055A	5-1/2" Needle Nose Pliers	379
PDR3000A	3/8" Capacity Reversible Drill	533
PL307ACF	3 pc Pliers Set	377
PPR708BK	8 pc Roll Pin Punch Set	397
R810C [†]	SAE 1/8"-5/16" 12-Point SAE 6" Offset Ratcheting Box Wrench	267
RB404C	4 pc 12-Point SAE 0" Offset Ratcheting Box Wrench Set	267
RX5605B	5 pc 6-Point SAE Open-End/Flare Nut Wrench Set	288
SGFMN106	8 pc Soft Grip Handle Miniature File Set	411
SHDXT315R	TORX [®] T15 Instruk [®] Hard Grip Standard Screwdriver	351
SHDXT320R	TORX [®] T20 Instruk [®] Hard Grip Standard Screwdriver	351
SSDMR8AO	12-15/16" Ratcheting Magnetic Long Screwdriver	356
SX15	1/2" Drive 15" Extension	204
TS381	1/2" Drive 6-Point SAE 1-3/16" Flank Drive [†] Deep Socket	208
TS401	1/2" Drive 6-Point SAE 1-1/4" Flank Drive [†] Deep Socket	208
TS421	1/2" Drive 6-Point SAE 1-5/16" Flank Drive [†] Deep Socket	208
TW381	1/2" Drive 6-Point SAE 1-3/16" Flank Drive [†] Shallow Socket	208
TW401	1/2" Drive 6-Point SAE 1-1/4" Flank Drive [†] Shallow Socket	208
TW421	1/2" Drive 6-Point SAE 1-5/16" Flank Drive [†] Shallow Socket	208
TW441	1/2" Drive 6-Point SAE 1-3/8" Flank Drive [†] Shallow Socket	208
TW461	1/2" Drive 6-Point SAE 1-7/16" Flank Drive [†] Shallow Socket	208
TW481	1/2" Drive 6-Point SAE 1-1/2" Flank Drive [†] Shallow Socket	208
TWM25	1/2" Drive 6-Point Metric 25 mm Flank Drive [†] Shallow Socket	208
TWM26	1/2" Drive 6-Point Metric 26 mm Flank Drive [†] Shallow Socket	208
TWM27	1/2" Drive 6-Point Metric 27 mm Flank Drive [†] Shallow Socket	208
TWM30	1/2" Drive 6-Point Metric 30 mm Flank Drive [†] Shallow Socket	208
TWM32	1/2" Drive 6-Point Metric 32 mm Flank Drive [†] Shallow Socket	208
VE200A	Tool Control Board (Blue-Point [®])	—
VS26B	15/16" SAE Four-Way Angle Head Open-End Wrench	286
VS28B	7/8" SAE Four-Way Angle Head Open-End Wrench	286
VS30B	15/16" SAE Four-Way Angle Head Open-End Wrench	286
VS32B	1" SAE Four-Way Angle Head Open-End Wrench	286
X0605	5 pc 12-Point SAE Flank Drive [†] 60° Deep Offset Box Wrench Set	281



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-09 for details.
 • Read Safety Precautions on pages W1-W4

METRIC SETS A



9100AGMO

Metric Sets A

Stock No.	Description	Page
1650	16" Prybar	376
1125TMMY	12 pc 1/4" Drive 6-Point Metric Flank Drive® Deep Socket Set	111
117TMM	17 pc 1/4" Drive 6-Point Metric Starter Set	120
2004BSKA	4 pc Battery Service Kit	761
206EAU	6 pc 3/8" Drive Adaptor/Extension Set	151
212EFTXY	12 pc Combination Drive TORX® Bit Standard Socket Set	120
212FSMY	12 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow Socket Set	115
2125FSMY	12 pc 3/8" Drive 6-Point Metric Flank Drive® Deep Socket Set	116
317AMPC	17 pc 1/2" Drive 6-Point Metric General Service Socket Set	232
91ACP	9" Adjustable Joint Interlocking Channel Pliers	382
97ACF	9" Needle Nose Pliers	380
AC5C	Hand Scrub Brush (Blue-Point®)	812
AWM110DHK	11 pc Metric L-Shaped Hex Wrench Set	363
BP16B	16 oz Ball Peen Hickory Handle Hammer (Blue-Point®)	401
CSABC	Rigid Carbon Scraper	413
ENC09602001	Wrench® M50	—
F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet	144
FADH12C	12" Flank Drive® Plus Adjustable Wrench	365
FB316B	Feeler Gauge Set (Blue-Point®)	770
FB360C	Gap for Electronic Ignition Systems Gauge (Blue-Point®)	772
FB361A	Gapper Gauge (Blue-Point®)	772
FLF80A	3/8" Drive Dual 80° Technology Long Handle Flex-Head Ratchet	145
FBM320	Feeler Gauge (Blue-Point®)	771

9100AGMO Metric Basic Set A

- Tools only
- Includes a basic selection of ratchets, sockets, wrenches, screwdrivers, pliers and accessories
- Does not include tool storage

Stock No.	Description	Page
FXK11	3/8" Drive 11" Knurled Friction Ball Extension	149
GA295	2-1/4" Round Mirror with 14" Shaft (Blue-Point®)	777
GSAF1F	1/2" Drive Square Drive Adaptor	295
HBPT16	16 oz Plastic Tip Hammer	430
H5G319	Bi-Mold Soft Grip Handle Hack Saw	403
LP10WR	Curved Jaw with Collar Locking Pliers	383
MAGSTZ0016	20 Coll LED Maglite® Flashlight	—
OEXM710B	10 pc 1/2" Drive 6-Point Metric Flank Drive® Combination Wrench Set	273
PK33A	Single Bevel Putty Knife/Scraper (Blue-Point®)	414
PL307ACP	3 pc Pliers Set	377
PPC710BK	11 pc Punch and Chisel Set	396
PRH57A	Convertible Retaining Ring Pliers (Blue-Point®)	385
PTSC	Telescopic Magnetic Pick-Up Tool (Blue-Point®)	778
PWC6	Wax Stripper/Cutter (Blue-Point®)	388
RXFMS406B	5 pc 6-Point Metric Flank Drive® Double End Flare Nut Wrench Set	298
S9704KA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Shallow Spark Plug Socket	422
S9706KRA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Standard Retention Spark Plug Socket	421
SGA173BR	Soft Grip Radiator Hose Pick	722
SGASA204CO	4 pc Instinct® Soft Grip Miniature Pick Set	370
SGT4BR	1/4" Drive 6-13/16" Instinct® Soft Grip Standard Shank Driver	197
SHDX900	6 pc Instinct® Hard Grip Combination Screwdriver Set	343
SSDMR490	8-3/4" Ratcheting Standard Screwdriver	336
TMXK60	1/4" Drive 6" Knurled Extension	198
TPMAZ5EM	25" Tape Rule	775

9100GMB0 Complete Metric Set A

- More than 150 pc
- Includes 9100AGMO, plus KRA4059FPB0 Top Chest

METRIC SETS B



9000GM20



9200GM80

Metric Sets B

Stock No.	Description	Page
1250	12" Prybar	376
206FSUMA	6 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow Flex Socket Set	159
207EFAMY	7 pc 3/8" Drive Metric Hex Bit Socket Set	170
210FRHMA	10 pc 3/8" Drive 6-Point Metric Flank Drive® Flare Nut Crowfoot Wrench Set	261
310IMMYA	10 pc 1/2" Drive 6-Point Metric Flank Drive® Shallow Impact Socket Set	220
310SIMMYA	10 pc 1/2" Drive 6-Point Metric Flank Drive® Deep Impact Socket Set	222
313TSMYA	13 pc 1/2" Drive 6-Point Metric Flank Drive® Deep Socket Set	210
388ACF	8" High-Leverage Diagonal Cutter	376
61CF	8" Duck Bill Pliers	381
AC58E	Wire Brush (Blue-Point®)	381
AWP160	16" Adjustable Joint Pliers	812
BP24B	24 oz Ball Peen Hickory Hammer (Blue-Point®)	382
CJ2001P	Bolt Grip Puller Set	401
CSA12CO	12-78" Rigid Carbon Scraper	—
E1020	19 pc Extractor Set (Blue-Point®)	413
FADH8B	8" Flank Drive® Plus Adjustable Wrench	427
FL80	3/8" Drive Dual 80° Technology Long Handle Ratchet	144
FX24A	3/8" Drive 24" Friction Ball Extension	149
FXX4	3/8" Drive 4" Knurled Friction Ball Extension	149
FXX8	3/8" Drive 8" Knurled Friction Ball Extension	149
HBPE32	32 oz Soft Grip Dead Blow Hammer	358
IP80D	1/2" Drive Swivel Ball Lock Button Impact Universal Joint	210
JT13B	Blow Gun (Blue-Point®)	573
LP7WR	7" Curved Jaw with Cutter Locking Pliers	383
OEXM6B	6 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
OEXM7B	7 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
OEXM8B	8 mm 12-Point Metric Flank Drive® Short Combination Wrench	276

9000GM20 Add-On Group B

- More than 200 pc
- Does not include tool storage

9200GM80 Complete Metric Set B

- Includes 9100AGMO and 9000GM20, plus KRA4059FPBO Top Chest and KRA4008FPBO Roll Cab

9200GM0 Tools Only Metric Set B

- More than 400 pc
- Does not include tool storage

Stock No.	Description	Page
OEXM9B	9 mm 12-Point Metric Flank Drive® Short Combination Wrench	276
OEXM200B	20 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM210B	21 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM220B	22 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM710B	16 pc 12-Point Metric Flank Drive® Short Combination Wrench Set	279
PPC3A	Center Punch	395
PPC104A	Pin Punch	395
PPC108A	5-3/4" Pin Punch	395
PPC204A	5-3/4" Starter Punch	395
PPC208A	6-3/4" Starter Punch	395
PT850	1/2" Drive Air Impact Wrench	525
QD3RM30A	1/2" Drive Metric Adjustable Click-Type Fixed Ratchet Torque Wrench (8-96 kg•m)	314
S8	1/2" Drive 2-11/16" Friction Ball Universal Joint	209
SGCP1BR	Soft Grip Cotton Pin Puller	675
SGHBF500A	4 pc Instinct® Mixed File Set	410
SL80A	1/2" Drive Dual 80° Technology Long Handle Ratchet	201
SN24C	1/2" Drive 24" Standard Handle Breaker Bar	203
SPB524AO	24" Striking Prybar	374
SRPCR105	5 pc Snap Ring Pliers Set	384
SXK3	1/2" Drive 3-1/2" Extension	204
TA3	1/4" Drive Square Drive Adaptor	103
TC28C	Tubing Cutter (Blue-Point®)	—
TF72	1/4" Drive Dual 80° Technology Standard Handle Flex-Head Ratchet	104
TFM42B	Metric Bubble Flaring Set (Blue-Point®)	457
TMX1	1/4" Drive 1-1/4" Extension	103
TMXX140	1/4" Drive 14" Knurled Extension	103
UTK100	Retractable Utility Knife	409



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P5-P7 for details. • Read Safety Precautions on pages W1-W4

METRIC SETS C



9000GM30



9300GM80

9000GM30 Add On Metric Set C

- More than 200 pc
- Tools only
- Does not include tool storage

9300GM80 Complete Metric Set C

- Includes 9200GMO and 9000GM30, plus KRL751PBO Top Chest and KRL756APBO Roll Cab

9300GMO Tools Only Metric Set C

- More than 600 pc
- Includes all tools in 9200GMO and 9000GM30
- Does not include tool storage

Metric Sets C

Stock No.	Description	Page
650	6" Prybar	376
106ATMXWP	6 pc 1/4" Drive Wobble Plus Extension Set	199
196ACF	8" Long Nose Pliers with Cutter	380
206AFXWP	6 pc 3/8" Drive Wobble Plus Extension Set	199
214IMFMYA	14 pc 3/8" Drive 6-Point Metric Flank Drive® Shallow Impact Socket Set	176
216SIMFMYA	14 pc 3/8" Drive 6-Point Metric Flank Drive® Deep Impact Socket Set	178
49TACF	7" 90° Angle Jaw Nozzle Nose Pliers	380
AWP120	12" Adjustable Joint Pliers	382
BP6B	6 oz Ball Peen Hammer Hickory Handle (Blue-Point®)	401
CJ2002	Gear Puller Set	443
F12LB	3/8" Drive 11-9/16" Long Handle Breaker Bar	148
FADH10B	10" Flank Drive® Plus Adjustable Wrench	365
FBF60A	3/8" Drive Dual 80° Technology Standard Handle Bent Flex Head Ratchet	—
FK80	3/8" Drive Dual 80° Technology Stubby Handle Ratchet	144
HBB03Z	32 oz Ball Peen Soft Grip Dead Blow Hammer	399
HBBT24	24 oz Bronze Tip Hammer	399
IMM200	1/2" Drive 6-Point Metric 20 mm Flank Drive® Shallow Impact Socket	220
IMM210	1/2" Drive 6-Point Metric 21 mm Flank Drive® Shallow Impact Socket	220
IMM220	1/2" Drive 6-Point Metric 22 mm Flank Drive® Shallow Impact Socket	220
IMM230	1/2" Drive 6-Point Metric 23 mm Flank Drive® Shallow Impact Socket	220
IMM240	1/2" Drive 6-Point Metric 24 mm Flank Drive® Shallow Impact Socket	220
IPF800B	3/8" Drive Friction Ball Swivel Ball Impact Universal Joint	175
IPFM9C	3/8" Drive 6-Point Metric 9 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM10C	3/8" Drive 6-Point Metric 10 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM12C	3/8" Drive 6-Point Metric 12 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM13C	3/8" Drive 6-Point Metric 13 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM14C	3/8" Drive 6-Point Metric 14 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM15C	3/8" Drive 6-Point Metric 15 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM16C	3/8" Drive 6-Point Metric 16 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM17C	3/8" Drive 6-Point Metric 17 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM18C	3/8" Drive 6-Point Metric 18 mm Flank Drive® Shallow Swivel Impact Socket	179
IPFM19C	3/8" Drive 6-Point Metric 19 mm Flank Drive® Shallow Swivel Impact Socket	179
JCW62R	Standard Creeper	262
MG325	3/8" Drive Air Impact Wrench	528
OEXM90B	9 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM230B	23 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM240B	24 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM270B	27 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM300B	30 mm 12-Point Metric Flank Drive® Combination Wrench	273
OXIM7B	7 mm 12-Point Metric Flank Drive® Midset Combination Wrench	277

Stock No.	Description	Page
OXIM8B	8 mm 12-Point Metric Flank Drive® Midset Combination Wrench	277
OXIM9B	9 mm 12-Point Metric Flank Drive® Midset Combination Wrench	277
OXIM710B	10 pc 12-Point Metric Flank Drive® Midset Combination Wrench Set	277
PPB1012A	Bronze Tapered Punch	397
PPC110A	5-1/4" Pin Punch	395
PPC112	5-1/4" Pin Punch	395
PPC210A	7-1/4" Starter Punch	395
PPC5A	6-15/16" Punch/Chisel Holder	395
PPC824B	7-1/4" Flat Chisel	395
PPC828B	8" Flat Chisel	395
PT28E	Pick-Up Tool (Blue-Point®)	776
PTR72	3/8" Drive Super-Duty Air Ratchet	500
PWC14	Wire Stripper/Cutter/Crimper/Bolt Cutter (Blue-Point®)	388
QD2RM1000A	3/8" Drive Metric Adjustable Click-Type Fixed Ratchet Torque Wrench (200-1,600 kg•cm)	314
RTD48	48 pc Master Ref threading Tap and Die Set	423
S9704KFUA	3/8" Drive 6-Point SAE 13/16" Flank Drive® Universal Spark Plug Socket	420
S9706KRFUA	3/8" Drive 6-Point SAE 5/8" Flank Drive® Universal Retention Spark Plug Socket	421
SDM400A	Master SAE Screwdriver Bit Set	360
SF80A	1/2" Drive Dual 80° Technology Standard Handle Flex-Head Ratchet	201
SGD304BR	Flat Tip Insinc® Soft Grip Mini-Tip Screwdriver	344
SGDE44ESD	Flat Tip 1/8" Electronic Thin Blade Screwdriver	347
SGDE66ESD	Flat Tip 3/16" Electronic Thin Blade Screwdriver	347
SGDE68ESD	Flat Tip 3/16" Electronic Thin Blade Screwdriver	347
SHDP162R	PHILLIPS® #2 Insinc® Hard Grip Cabinet Screwdriver	346
SHDP62IRR	PHILLIPS® #2 Insinc® Hard Grip Standard Screwdriver	346
SHDP63IRR	PHILLIPS® #3 Insinc® Hard Grip Screwdriver	346
SIMM200	1/2" Drive 6-Point Metric 20 mm Flank Drive® Deep Impact Socket	222
SIMM210	1/2" Drive 6-Point Metric 21 mm Flank Drive® Deep Impact Socket	222
SIMM220	1/2" Drive 6-Point Metric 22 mm Flank Drive® Deep Impact Socket	222
SIMM230	1/2" Drive 6-Point Metric 23 mm Flank Drive® Deep Impact Socket	222
SIMM240	1/2" Drive 6-Point Metric 24 mm Flank Drive® Deep Impact Socket	222
SPB512AO	12" Striking Prybar	374
SSDMR1AO	4-5/16" Ratcheting Magnetic Stubby Screwdriver	356
SX2	1/2" Drive 2" Extension	204
TC123C	Tubing Cutter (Blue-Point®)	—
TM61A	1/4" Drive 8" Flexible Extension	108
TMXX110	1/4" Drive 11" Knurled Extension	108
TWM25	1/2" Drive 6-Point Metric 25 mm Flank Drive® Shallow Socket	208
TWM26	1/2" Drive 6-Point Metric 26 mm Flank Drive® Shallow Socket	208
TWM27	1/2" Drive 6-Point Metric 27 mm Flank Drive® Shallow Socket	208
TWM30	1/2" Drive 6-Point Metric 30 mm Flank Drive® Shallow Socket	208
VSM807B	7 pc Metric 36°/150° Four-Way Angle Open-End Wrench Set	286
XBM605A	5 pc 12-Point Metric Flank Drive® 10" Offset Box Wrench Set	279
XOM605	5 pc 12-Point Metric Flank Drive® 60° Deep Offset Box Wrench Set	281



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METRIC SETS D



9000GM40

9000GM40 Add-On Group D

- More than 175 pc.
- Does not include tool storage

9400GMBO Complete Metric Set D

- Includes 9300GMO and 9000GM40, plus KRL751PBO Top Chest, KRL756CPBO Roll Cab and KRA276D Wall Cabinet

9400GMO Tools Only Metric Set D

- More than 800 pc.
- Includes all tools in 9300GMO and 9000GM40
- Does not include tool storage

Metric Sets D

Stock No.	Description	Page
2090	20" Prybar	376
104ETMAMY	6 pc 1/4" Drive Metric Standard Hex Bit Socket Set	122
10SSD	Flat Tip 90° Offset Screwdriver (Blue-Point®)	351
111TMUSMA	11 pc 1/4" Drive 6-Point Metric Flank Drive® Shallow Universal Socket Set	116
1205SDP	PHILLIPS® 90° Offset Screwdriver (Blue-Point®)	351
20SSD	Flat Tip 90° Offset Screwdriver (Blue-Point®)	351
307IPLMY	7 pc 1/2" Drive 6-Point Metric Flank Drive® Shallow Impact Spline Socket Set	225
AWP65	7" Adjustable Joint Pliers	362
BP12B	12 oz Ball Peen Hammer Hickory Handle (Blue-Point®)	401
CHN400	20" Adjustable Joint Pliers (Blue-Point®)	362
CJ2003A	Rear Axle Puller Set	—
CJ2004	Interchangeable Puller Set	—
CJ2005	Master Interchangeable Puller Set	—
CM6551A ¹	5 pc Miniature Screwdriver Set	353
DBTR129 ¹	29 pc High-Speed Mechanics Length 135° Point with Three-Flat Shank Drill Bit Set	555
FADH6C	6" Flank Drive® Plus Adjustable Wrench	305
FSM61	3/8" Drive 6-Point Metric 6 mm Flank Drive® Shallow Socket	155
FSM71	3/8" Drive 6-Point Metric 7 mm Flank Drive® Shallow Socket	155
FSUM11A	3/8" Drive 6-Point Metric 11 mm Flank Drive® Shallow Universal Socket	159
FSUM16A	3/8" Drive 6-Point Metric 16 mm Flank Drive® Shallow Universal Socket	159
FSUM18A	3/8" Drive 6-Point Metric 18 mm Flank Drive® Shallow Universal Socket	159
FSUM19A	3/8" Drive 6-Point Metric 19 mm Flank Drive® Shallow Universal Socket	159
FX18	3/8" Drive 18" Friction Ball Extension	149
FX36	3/8" Drive 36" Friction Ball Extension	149
HBFE48	48 oz Soft Grip Dead Blow Hammer	359
IMTMM5	1/4" Drive 6-Point Metric 5 mm Flank Drive® Shallow Impact Socket	126
IMTMM5.5	1/4" Drive 6-Point Metric 5.5 mm Flank Drive® Shallow Impact Socket	126
IMTMM6	1/4" Drive 6-Point Metric 6 mm Flank Drive® Shallow Impact Socket	126
IMTMM7	1/4" Drive 6-Point Metric 7 mm Flank Drive® Shallow Impact Socket	126
IMTMM8	1/4" Drive 6-Point Metric 8 mm Flank Drive® Shallow Impact Socket	126
IMTMM9	1/4" Drive 6-Point Metric 9 mm Flank Drive® Shallow Impact Socket	126
IMTMM10	1/4" Drive 6-Point Metric 10 mm Flank Drive® Shallow Impact Socket	126
IMTMM11	1/4" Drive 6-Point Metric 11 mm Flank Drive® Shallow Impact Socket	126
IMTMM12	1/4" Drive 6-Point Metric 12 mm Flank Drive® Shallow Impact Socket	126
IMTMM13	1/4" Drive 6-Point Metric 13 mm Flank Drive® Shallow Impact Socket	126
IMTMM14	1/4" Drive 6-Point Metric 14 mm Flank Drive® Shallow Impact Socket	126
IMTMM15	1/4" Drive 6-Point Metric 15 mm Flank Drive® Shallow Impact Socket	126
LPSWR	Curved Jaw with Cutter Locking Pliers	363

Stock No.	Description	Page
LP6LN	Long Nose Locking Pliers	383
NDDM900A	6 pc Metric Hand Grip Nut Driver Set (5–13 mm)	369
OEXM250B	25 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM260B	26 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM290B	29 mm 12-Point Metric Flank Drive® Combination Wrench	273
OEXM320B	32 mm 12-Point Metric Flank Drive® Combination Wrench	273
P87150A	P-Series Cutting Pliers	379
P91355A	5-1/2" 45° Bent Needle Nose Pliers	375
PDR3000A	3/8" Capacity Reversible Drill	533
PFR708DK	4 pc Roll Pin Punch Set	367
RBM1011C ¹	10–11 mm 12-Point Metric 0" Offset Ratcheting Box Wrench	267
RBM1213C ¹	12–13 mm 12-Point Metric 0" Offset Ratcheting Box Wrench	267
RBM1415C ¹	14–15 mm 12-Point Metric 0" Offset Ratcheting Box Wrench	267
RBM1719C ¹	17–19 mm 12-Point Metric 0" Offset Ratcheting Box Wrench	267
RXSM605B	5 pc 6-Point Metric Open-End/Flare Nut Wrench Set	288
SFSM6	3/8" Drive 6-Point Metric 6 mm Flank Drive® Deep Socket	156
SFSM7	3/8" Drive 6-Point Metric 7 mm Flank Drive® Deep Socket	156
SGFMN106	6 pc Soft Grip Handle Miniature File Set	411
SHDTX315R	TORX® T15 Instruct® Hard Grip Standard Screwdriver	381
SHDTX320R	TORX® T20 Instruct® Hard Grip Standard Screwdriver	381
SPB58AO	8" Striking Prybar	374
SSDMR8AO	12-15/16" Ratcheting Magnetic Long Screwdriver	386
STMM4.5	1/4" Drive 6-Point Metric 4.5 mm Deep Socket	111
SX15	1/2" Drive 18" Extension	204
TMM4.5	1/4" Drive 6-Point Metric 4.5 mm Flank Drive® Shallow Socket	112
TSM26	1/2" Drive 6-Point Metric 26 mm Flank Drive® Deep Socket	210
TSM27	1/2" Drive 6-Point Metric 27 mm Flank Drive® Deep Socket	210
TSM30	1/2" Drive 6-Point Metric 30 mm Flank Drive® Deep Socket	210
TSM32	1/2" Drive 6-Point Metric 32 mm Flank Drive® Deep Socket	210
TWM10A	1/2" Drive 6-Point Metric 10 mm Flank Drive® Shallow Socket	208
TWM11A	1/2" Drive 6-Point Metric 11 mm Flank Drive® Shallow Socket	208
TWM28	1/2" Drive 6-Point Metric 28 mm Flank Drive® Shallow Socket	208
TWM29	1/2" Drive 6-Point Metric 29 mm Flank Drive® Shallow Socket	208
TWM31	1/2" Drive 6-Point Metric 31 mm Flank Drive® Shallow Socket	208
TWM32	1/2" Drive 6-Point Metric 32 mm Flank Drive® Shallow Socket	208
VE200A	Tool Control Board (Blue-Point®)	—



¹These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P5–P7 for details. • Read Safety Precautions on pages W1–W4

SB1CORE, SB2COREX SETS



SB1CORE Set Building Core Set

Stock No.	Description	Page
106BTMX	6 pc 1/4" Drive Knurled Extension Set	105
124STMM	24 pc 1/4" Drive 6-Point Metric Flank Drive* Shallow/Deep Socket Set	114
206AFX	6 pc 3/8" Drive Knurled Extension Set	149
209EFTXBY	9 pc Combination Drive TORX® Bit Heavy-Duty Removal Socket Set	165
210EFTAMY	10 pc Combination Drive Metric Standard Hex Bit Socket Set	170
2245FFSM	24 pc 3/8" Drive 6-Point Metric Flank Drive* Shallow/Deep Combination Socket Set	157
AWP120	12" Adjustable Joint Pliers	362
CSABCR	7-5/8" Rapid Carbon Scraper	413
F80	3/8" Drive Dual 80° Technology Standard Handle Ratchet	144
FLF80A	3/8" Drive Dual 80° Technology Long Handle Flex-Head Ratchet	145
FUB80B	3/8" Drive 1-11/16" Friction Ball Universal Joint	151
GLASS30R	Safety Glasses	827
HBD24	24 oz Ball Peen Soft Grip Dead Blow Hammer	319
OEXM710B	10 pc 12-Point Metric Flank Drive* Combination Wrench Set	273
PL400B	4 pc Pliers/Cutters Set	377
PWC57ACF	7" Wire Stripper/Cutler/Crimper	386
S9706KA	3/8" Drive 6-Point SAE 5/8" Flank Drive* Shallow Spark Plug Socket	422
S9714MK	3/8" Drive 12-Point Metric 14 mm Flank Drive* Standard Spark Plug Socket	165
SGA173BR	Soft Grip Radiator Hose Pick	722
SGDX60BR	6 pc Combination Instinct® Soft Grip Screwdriver Set	342
SGASA204CR	4 pc Instinct® Soft Grip Miniature Pick Set	370
SOXRRM710A	10 pc 12-Point Metric Flank Drive* Plus Reversible Ratcheting Combination Wrench Set	250
TT2	1/4" Drive Dual 80° Technology Standard Handle Ratchet	164
TF72	1/4" Drive Dual 80° Technology Standard Handle Flex-Head Ratchet	164
TMU88	1/4" Drive 1-1/8" Friction Ball Universal Joint	155
TPMA12	12" Tape Rule	775
UM225 [†]	Telescoping Inspection Mirror (Blue-Point®)	778
UTK150	Auto-Loading Utility Knife	469
VA160A	Ear Protectors (Blue-Point®)	826

SB2COREX Set Building Core Plus Set

Stock No.	Description	Page
1206GS	6 pc Combination Square Drive Adaptor Set	109
208EPIT	8 pc 3/8" Drive Impact Driver Set	175
305ASX	5 pc 1/2" Drive Extension Set	204
310TWMYA	10 pc 1/2" Drive 6-Point Metric Flank Drive* Shallow Socket Set	208
312CF	11" Heavy-Duty Diagonal Cutter	376
313TSMYA	10 pc 1/2" Drive 6-Point Metric Flank Drive* Deep Socket Set	210
388ACF	8" High-Leverage Diagonal Cutter	376
911ACF	11" Needle Nose Pliers	381
97ACF	9" Needle Nose Pliers	380
HBD32	32 oz Ball Peen Soft Grip Dead Blow Hammer	319
HBF24	24 oz Soft Grip Dead Blow Hammer	319
OEXM210B	21 mm 12-Point Metric Flank Drive* Combination Wrench	273
OEXM220B	22 mm 12-Point Metric Flank Drive* Combination Wrench	273
OEXM240B	24 mm 12-Point Metric Flank Drive* Combination Wrench	273
PPC710BK	11 pc Punch and Chisel Set	395
RXFMS606B	6 pc 6-Point Metric Flank Drive* Double End Flare Nut Wrench Set	288
S80A	1/2" Drive Dual 80° Technology Standard Handle Ratchet	201
SLF80A	1/2" Drive Dual 80° Technology Long Handle Flex-Head Ratchet	201
SGHBP500A	4 pc Instinct® Mixed File Set	410
SRPCR107	7 pc Snap Ring Pliers Set	364
TQFR250E	1/2" Drive TQ Series Flex-Head Torque Wrench (40-250 ft-lb)	315

[†]These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.

POWER TOOLS

OVERVIEW 492-493

CORDLESS 494-519

AIR 520-550

ACCESSORIES 551-576

CT86T
14.4 V 3/8" Drive MicroLithium
Cordless Impact Wrench



*"Snap-on makes power tools
that fit into places most others
can't. So I can work in tight
spaces with minimum setup."*

*George
George's Auto Repair*

CDR9050
18 V 1/2" MonsterLithium Cordless Hammer Drill

04

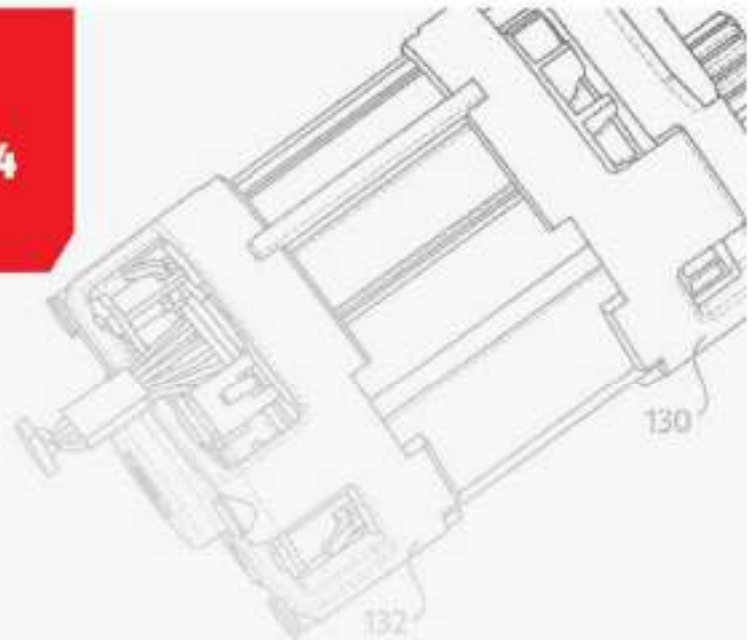


Fig. 5



PT350
3/2" Drive Stubby Air Impact Wrench

POWER TOOLS DRIVEN BY CONTINUOUS IMPROVEMENT.

Never underestimate the power of innovation. Snap-on® power tools deliver power, comfort and control, with designs from compact bodies to long necks to deliver the accessibility you need. And thanks to the conversion to brushless motors, our cordless power tools run cooler, safer and longer than ever before. Add in superior ergonomics, and you have some very powerful reasons to choose Snap-on.

CORDLESS: QUICK REFERENCE CHART

Impacts

Specifications	CT9100K2	CT9080K2	CT9050K2	CT9015K2	CT9010K2	CT86K2	CT825K2
Battery Type	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	18	18	18	18	18	14.4	14.4
Square Drive, inches (mm)	3/4 (19)	1/2 (13)	1/2 (13)	1/2 (13)	3/8 (10)	3/8 (10)	1/4 (6)
Torque Output, ft-lb (N•m)	1,000 (1,355)	1,050 (1,423)	800 (1,085)	240 (325)	240 (325)	150 (203)	70 (95)
Blows Per Minute, BPM	2,200	2,300	2,300	3,520	3,520	3,000	3,000
Free Speed, RPM	1,570	1,570	2,000	1,790	1,760	2,600	2,200
Height with Battery, inches (mm)	10.5 (267)	10.5 (267)	10.25 (260)	10 (254)	10 (254)	8.0 (203)	8.0 (203)
Length, inches (mm)	10.3 (261)	9.6 (244)	8.2 (208)	6.7 (170)	6.7 (170)	6.8 (173)	6.8 (173)
Weight with Battery, lb (kg)	8.9 (4.04)	8.2 (3.7)	6.5 (2.9)	4.9 (2.22)	4.9 (2.22)	2.7 (1.2)	2.7 (1.2)
Charge Time, minutes	90	90	90	90	90	70	70
Warranty (battery)	2 Years/1,000 Cycles	2 Years/1,000 Cycles	2 Years/1,000 Cycles	2 Years/1,000 Cycles	2 Years/1,000 Cycles	1 Year	1 Year
Warranty (tool and charger)	2 Years	2 Years	2 Years	2 Years	2 Years	1 Year	1 Year
Pinned Anvil Version	—	—	CT9050P	—	CT9010P	—	—
Quick-Change Chuck Version (box size of chuck)	—	—	—	—	—	CTQ861 (1/4")	—
Tool Only	CT9100DB	CT9080DB	CT9050DB	CT9015DB	CT9010DB	CT861DB	CT825DB

CE

Drills/Drivers

Specifications	CDR9015K2	CDR9050K2	CDR861K2*	CDRR2005360K2	CDRR200545K2	CDRR2005H2	CDRR761K2	CDR5761K2
Battery Type	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	18	18	14.4	14.4	14.4	14.4	14.4	14.4
Chuck Capacity, inches (mm)	1/2 (13)	1/2 (13)	3/8 (10)	1/4"-28	1/4"-28	1/4"-28	3/8 (10)	3/8 (10)
Torque Output in-lb (N•m)	470 (53.1)	470 (53.1)	200 (22.8)	12 (1,355)	12 (1,355)	12 (1,355)	150 (16.8)	60 (7.3)
Clutch Settings	18 Plus Drill	23	9	—	—	—	9	9
Gear Box Type	2-Speed	2-Speed	2-Speed	Single-Speed	Single-Speed	Single-Speed	2-Speed	2-Speed
RPM (low)	420	420	430	—	—	—	450	450
RPM (high)	2,000	2,000	1,550	6,000	6,000	6,000	1,550	1,550
Length, inches (mm)	7.6 (193)	8.1 (205)	7.7 (198)	12 (305)	12 (305)	12 (305)	13.3 (338)	13.3 (338)
Weight with Battery, lb (kg)	5 (2.27)	5.1 (2.3)	2.4 (1.1)	1.4 (84)	1.4 (84)	1.4 (84)	3.3 (1.5)	2.8 (1.2)
Charge Time, minutes	90	90	70	70	70	70	70	70
Warranty (battery)	2 Years	2 Years	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
Warranty (tool and charger)	2 Years	2 Years	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
Tool Only	CDR9015DB	CDR9050DB	CDR861DB	CDRR2005360DB	CDRR200545DB	CDRR2005DB	CDRR761DB	CDR5761DB

*UL listed.

CE

Die Grinders

Specifications	CTGR58806AK1	CTGR58825AK1	CGRR861K2	CGR5861K2
Battery Type	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	18	18	14.4	14.4
Free Speed, RPM	6,000	25,000	9,500-28,900	11,900-30,000
Charge Time, minutes	90	90	70	70
Height with Battery, inches (mm)	4 (102)	4 (102)	3.3 (84)	3.3 (84)
Width with Battery, inches (mm)	3 (76)	3 (76)	2 (50)	2 (50)
Length, inches (mm)	11.4 (290)	11.4 (290)	11.4 (290)	11.4 (290)
Weight with Battery, lb (kg)	4.9 (2.2)	4.6 (2.1)	2.2 (0.99)	1.7 (77)
Warranty (tool and charger)	2 Years	2 Years	1 Year	1 Year
Warranty (battery)	2 Years	2 Years	1 Year	1 Year
Tool Only	CTGR58806ADB	CTGR58825ADB	CGRR861DB	CGR5861DB

CE

K2 = US J1 = Japan U2 = Europe Z1 = Australia

Angle Grinders

Specifications	CTGR8850AK1	CTGR8855AK1
Battery Type	Lithium 5.0 Ah	Lithium 5.0 Ah
Battery Voltage	18	18
Wheel Size, inches (mm)	4.5 (114) or 5 (127)	4.5 (114) or 5 (127)
Arbor Size, inches (mm)	7/8 (22)	7/8 (22)
Free Speed, RPM	8,900	8,000
Charge Time, minutes	90	90
Switch Type	Side Switch	Safety Switch
Length w/battery, inches (mm)	16.5 (419)	16.5 (419)
Weight with Battery, lb (kg)	6.2 (2.8)	6.2 (2.8)
Warranty (tool and charger)	2 Years	2 Years
Warranty (battery)	2 Years/1,000 Cycles	2 Years/1,000 Cycles
Tool Only	CTGR8850ADB	CTGR8855ADB

CORDLESS: QUICK REFERENCE CHART

Ratchets

Specifications	CTR814K2	CTR817K2	CTR861K2	CTR867K2	CTR762K2	CTR768K2
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4	14.4	14.4	14.4	14.4
Charge Time, minutes	70	70	70	70	70	70
Square Drive, inches (mm)	1/4 (6)	1/4 (6)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Torque Output, ft-lb (N•m)	35 (47)	35 (47)	60 (81)	60 (81)	70 (95)	70 (95)
Manual Torque, ft-lb (N•m)	48 (62)	48 (62)	158 (214)	158 (214)	158 (214)	158 (214)
Free Speed, RPM	350	350	275	275	175	175
Height with Battery, inches (mm)	11.1 (282)	13.9 (353)	12.2 (310)	15.6 (396)	12.8 (326)	16.2 (411)
Weight with Battery, lb (kg)	2 (0.9)	2.4 (1.1)	2.7 (1.2)	3.3 (1.5)	2.8 (1.3)	3.5 (1.6)
Warranty (battery)	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
Warranty (tool and charger)	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
Battery (qty)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)
Battery Charger	CTC772A	CTC772A	CTC772A	CTC772A	CTC772A	CTC772A
Tool Only	CTR814DB	CTR817DB	CTR861DB	CTR867DB	CTR762DB	CTR768DB

CE

Screwdrivers

Specifications	CTS861K2	CTS8761K2	CTS5761K2
Style	Pistol	Inline	Inline
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4	14.4
Trigger Style	Toggle	Paddle	Paddle
Charge Time, minutes	70	70	70
Chuck Cap., inches (mm)	1/4 (6)	1/4 (6)	1/4 (6)
Square Drive, inches (mm)	1/4 (6) Hex	1/4 (6) Hex	1/4 (6) Hex
Torque Output, in-lb (N•m)	203 (22)	150 (16.9)	65 (7.3)
Clutch Settings	9	9	9
Gear Box Type	2-Speed	2-Speed	Single Speed
Free Speed, RPM	450/1,550	450/1,550	6-1,350
RPM (low)	0-450	0-450	—
RPM (high)	0-1,550	0-1,550	—
Length, inches (mm)	6.1 (155)	13.3 (338)	11.8 (300)
Width, inches (mm)	1.9 (48)	2 (50.8)	2 (50.8)
Height, inches (mm)	7.8 (198)	3.3 (84)	3.3 (84)
Weight with Battery, lb (kg)	2.1 (1.0)	2.7 (1.2)	2.2 (1.0)
Warranty (battery)	1 Year	1 Year	1 Year
Warranty (tool and charger)	1 Year	1 Year	1 Year
Battery (qty)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)
Battery Charger	CTC772A	CTC772A	CTC772A
Tool Only	CTS861DB	CTS8761DB	CTS5761DB

CE

Reciprocating Saw

Specifications	CTRS8850AK1	CTRS761AK2
Battery Type	Lithium 5.0 Ah	Lithium 2.5 Ah
Battery Voltage	18	14.4
Stroke Length, inches (mm)	1 (25.4)	1/2 (13)
Strokes Per Minute	2,400	3,100
Length, inches (mm)	18 (457)	12 (304)
Height with Battery, inches (mm)	8.25 (210)	—
Weight with Battery Pack (Li-Ion), lb (kg)	7.7 (3.4)	3.2 (1.5)
Variable Speed Switch	—	Yes
Charge Time, minutes	30	70
Warranty (battery)	2 Years/1,000 Cycles	1 Year
Warranty (tool and charger)	2 Years	1 Year
Battery (qty)	CTB185 (1)	CTB8174 (2)
Battery Charger	CTC131	CTC772A
Tool Only	CTRS8850ADB	CTRS761ADB

K2 = US J2 = Japan U2 = Europe Z2 = Australia



Read and follow safety messages for each type of Cordless Tool on the following pages and the safety precautions on pages W1-W4.

CORDLESS: 18-VOLT BRUSHLESS IMPACT WRENCHES



CT9100K2



CT9080K2

CT9100 Series 18 V 3/4" Drive Impacts

Specifications	CT9100K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Square Drive, inches (mm)	3/4 (19)
Torque Output, ft-lb (N•m)	1,000 (1,355)
Blows Per Minute, BPM	2,200
Free Speed, RPM	1,570
Height with Battery, inches (mm)	9.5 (241)
Length, inches (mm)	10.3 (261)
Weight with Battery, lb (kg)	5.9 (4.04)
Warranty (battery)	2 Years/1,000 Cycles
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (2)
Battery Charger	CTC131
Optional Protective Boot	CT9100BOOT
Tool Body Only	CT9100DB

CT9100K2 18 V 3/4" Drive MonsterLithium Cordless Impact Wrench Kit

- 1,000 ft-lb (1,355 N•m) of torque output
- 1,300 ft-lb (1,763 N•m) of bolt breakaway torque
- Three torque setting adapt to various applications
- Cerakote premium nose resists abrasion
- Brushless motor for longer runtime and durability
- Super bright 100 lm LED light output
- Variable speed trigger for precise control
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
 Tool Only: DB GDB HVDB
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CT9080 Series Impacts

Specifications	CT9080K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Square Drive, inches (mm)	1/2 (13)
Torque Output, ft-lb (N•m)	1,050 (1,423)
Blows Per Minute, BPM	2,300
Free Speed, RPM	1,570
Height with Battery, inches (mm)	8.5 (241)
Length, inches (mm)	9.6 (244)
Weight, lb (kg)	8.2 (3.7)
Warranty (battery)	2 Years/1,900 Cycles
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (2)
Battery Charger	CTC131
Optional Protective Boot	CT9075BOOT
Tool Body Only	CT9080DB

CE - DE, ES, FR, IT, GB, NL, JP

CT9080K2 18 V 1/2" Drive MonsterLithium Cordless Impact Wrench Kit

- 1,050 ft-lb (1,423 N•m) of torque output
- 1,440 ft-lb (1,952 N•m) of bolt breakaway output
- Three torque settings adapt to various applications
- Cerakote premium nose resists abrasion
- Brushless motor for longer runtime and durability
- Super bright 100 lm LED light output
- Variable speed trigger for precise control
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
 Tool Only: DB GDB HVDB
 Boot: GBOOT HVBOOT
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CORDLESS: 18-VOLT IMPACT WRENCHES



CT9010K2



CT9015K2

CT9010 Series 3/8" Drive Brushless Impacts

Specifications	CT9010K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Square Drive, inches (mm)	3/8 (10)
Anvil Type	Friction Ring
Torque Output, ft-lb (N•m)	240 (325)
Blows Per Minute, BPM	3,520
Free Speed, RPM	1,760
Sound Power Level, dB(A)	108
Sound Pressure Level, dB(A)	97
Vibration Level, m/s ²	8.6
Length, inches (mm)	6.7 (170)
Height w/Battery, inches (mm)	10 (254)
Weight w/Battery, lb (kg)	4.9 (2.22)
Warranty (battery)	2 Years/1,000 Cycles
Warranty (tool and charger)	2 Years
Battery qty)	CTB185 (2)
Battery Charger	CTC131
Pinned Anvil Version	CT9010P
Quick-Change Chuck Version (hex size of chuck)	CT9010QC
Tool Body Only	CT9010DB
Optional Protective Boot	CT9010BOOT

CE-DE, ES, GB, FR, IT, NL, UL, CUL

CT9010K2 18 V 3/8" Drive MonsterLithium Cordless Impact Wrench Kit

- 240 ft-lb (325 N•m) of torque output
- 325 ft-lb (441 N•m) of bolt breakaway torque
- Three torque settings adapt to various applications
- Cerakote premium nose resists abrasion
- Brushless motor for longer runtime and durability
- Super bright 100 lm LED light output
- Variable speed trigger for precise control
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 OK2 HVK2
Tool Only: DB GDB HVDB
Boot: GBOOT HVBOOT

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

CT9015 Series 1/2" Drive Brushless Impacts

Specifications	CT9015K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Square Drive, inches (mm)	1/2 (13)
Anvil Type	Friction Ring
Torque Output, ft-lb (N•m)	240 (325)
Blows Per Minute, BPM	3,520
Free Speed, RPM	1,760
Sound Power Level, dB(A)	108
Sound Pressure Level, dB(A)	97
Vibration Level, m/s ²	8.6
Length, inches (mm)	6.7 (170)
Height with Battery, inches (mm)	10 (254)
Weight w/Battery, lb (kg)	4.9 (2.22)
Warranty (battery)	2 Years/1,000 Cycles
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (2)
Battery Charger	CTC131
Tool Body Only	CT9015DB
Optional Protective Boot	CT9015BOOT

CE-DE, ES, FR, IT, GB, NL, JP

CT9015K2 18 V 1/2" Drive MonsterLithium Cordless Impact Wrench Kit

- 240 ft-lb of torque output breaks loose stubborn fasteners
- Digital microprocessor-controlled switch maximizes performance, run time and durability
- Three torque settings in forward and three in reverse to adapt to various applications
- Built-in brake prevents tool from throwing fasteners and sockets
- Super bright 100 lm LED light output
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 OK2 HVK2
Tool Only: DB GDB HVDB
Boot: GBOOT HVBOOT

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Use only impact sockets and accessories with Impact wrenches.
- Read Safety Precautions on pages 91-94.

CORDLESS: 18-VOLT PLATFORMS



CT9050K2



CDR9050K2

CT9050 Series 1/2" Drive Impacts

Specifications	CT9050K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Square Drive, inches (mm)	1/2 (13)
Anvil Type	Friction Ring
Torque Output, ft-lb (N•m)	800 (1,085)
Blows Per Minute, BPM	2,300
Free Speed, RPM	2,000
Length, inches (mm)	8.2 (208)
Height with Battery, inches (mm)	9.5 (241)
Weight with Battery, lb (kg)	6.5 (2.9)
Warranty (battery)	2 Years/1,000 Cycles
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (2)
Battery Charger	CTC131 (1)
Pinned Anvil Version	CT9050P
Tool Only	CT9050DB
Optional Protective Boot	CT9050B00T

CE - DE, ES, FR, IT, GB, NL, JP

CT9050K2 18 V 1/2" Drive MonsterLithium Cordless Impact Wrench Kit

- 800 ft-lb (1,085 N•m) of torque output
- 1,000 ft-lb (1,355 N•m) of bolt breakaway torque
- Three torque settings adapt to various applications
- Cerakote premium nose resists abrasion
- Brushless motor for longer runtime and durability
- Super bright 100 lm LED light output
- Variable speed trigger for precise control
- Kit includes tool, (2) batteries and a charger

Colors Available



Red Green Hi-Viz

2 Batteries, 1 Charger: K2 GK2 HVK2
 Tool Only: DB GDB HVDB
 Boot: GBOOT HVBOOT

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CDR9050 Series 3/8" Drive Hammer Drills

Specifications	CDR9050K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Chuck Capacity, inches (mm)	1/2 (13)
Spindle Thread, inches	1/2"-20 UNF
Torque Output in-lb (N•m)	470 (53.1)
RPM (high)	2,000
RPM (low)	420
Clutch Settings	23
Gear Box Type	2-Speed
Length, inches (mm)	8.1 (205)
Height, inches (mm)	10.25 (260)
Weight with Battery, lb (kg)	5.1 (2.3)
Warranty (battery)	2 Years
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (2)
Battery Charger	CTC131
Tool Only	CDR9050DB

CDR9050K2 18 V 1/2" MonsterLithium Cordless Hammer Drill Kit

- 470 in-lb (53 N•m) of torque output
- Two-speed gear box (420/2,000) RPM
- Keyless 1/2" single sleeve metal chuck
- Drill, hammer, screw mode with 23 clutch settings
- Brushless motor for longer runtime and durability
- Variable speed trigger for precise tool control
- Super bright LED light output
- Kit includes tool, (2) batteries and a charger

Colors Available



Red Green Hi-Viz

2 Batteries, 1 Charger: K2 GK2 HVK2
 Tool Only: DB GDB HVDB
 Boot: GBOOT HVBOOT

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CORDLESS: 18-VOLT PLATFORMS



CDR9015K2

CDR9015 1/2" Drive Drills/Drivers

Specifications	CDR9015K2
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Chuck Capacity, inches (mm)	1/2 (13)
Spindle Thread, inches	1/2"-20 UNF
Torque Output in-lb (N*m)	470 (53.1)
RPM (high)	2,000
RPM (low)	420
Clutch Settings	18 Plus Drill
Gear Box Type	2-Speed
Length, inches (mm)	7.6 (193)
Height, inches (mm)	10.25 (260)
Weight with Battery, lb (kg)	5 (2.27)
Warranty (battery)	2 Years
Warranty (tool and charger)	2 Years
Battery (qty)	CTB165 (2)
Battery Charger	CTC131
Tool Only	CDR9015DB

CE — DE, ES, GB, FR, IT, NL, UL, CUL

CDR9015K2 18 V 1/2" MonsterLithium Cordless Drill Kit

- 470 in-lb (53 N*m) of torque output
- Two-speed gear box (420/2,000) RPM
- Keyless 1/2" metal single sleeve keyless chuck
- Drill plus 18 clutch settings adjust for the application
- Brushless motor for longer runtime and durability
- Variable speed trigger for precise tool control
- Super bright LED light output
- Kit includes tool, (2) batteries and a charger

Colors Available



3 Batteries, 1 Charger: K2 OK2 HVK2
 Tool Only: DB GDB HVDB
 Boot: GBOOT HVBOOT
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



CGG8850AK1

CGG8850A Grease Guns

Specifications	CGG8850AK1
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Pressure Rating, PSI	3,000 High Output/ 7,500 Low Output
Pressure Rating, BAR	206 High Output/517 Low Output
Capacity, Tubes Per Charge	Up to 27 (free flow/ tip to 17 (60,000 PSI)
Maximum Tube Capacity	14-1/2 oz (411 g) Cartridge/ 15 oz (454 g) Bulk
Handle Material	Glass-Reinforced Nylon
Coupler Design	3-Jaw
Hose Length, inches (mm)	36 (914)
Hose Type	High Pressure with Protective Spring Guards
Bulk Filler Valve	Yes
Air Purge Valve	Yes
Height with Grease Tube, inches (mm)	19 (483)
Weight with Battery Pack, lb (kg)	7.9 (3.6)
Weight without Battery Pack, lb (kg)	6.4 (2.9)
Warranty (battery)	2 Years
Warranty (tool)	2 Years
Battery (qty)	CTB165 (1)
Battery Charger	CTC131
Tool Only	CGG8850ADB

CGG8850AK1 18 V MonsterLithium Cordless Grease Gun Kit (One Battery/Charger)

- Two-speed, high-torque 18 V DC motor delivers outstanding flow and pressure
- 36" high-pressure hose with spring guard and coupler
- Accessible check valve and combination air bleeder/filler valve
- Dual motor protection includes self-resetting thermo-coupler
- Machined and hardened piston with plated steel barrel and premium grease follower
- Ergonomically designed to reduce fatigue and increase productivity
- 18 V high-amperage lithium ion battery provides outstanding run time
- Works well in cold environments
- Kit includes tool, (1) battery and a charger

Colors Available



1 Battery, 1 Charger: K1 OK1 HVK1
 Tool Only: DB GDB HVDB
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Use only impact sockets and accessories with Impact wrenches.
- Read Safety Precautions on pages 91-94.

CORDLESS: 18-VOLT PLATFORMS



CTCG8850K1



CTRS8850AK1

CTCG8850 Series Caulk Guns

Specifications	CTCG8850K1
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	60
Feed Speed Rate, inches per minute	2-18
Vibration Level	5 m/s ²
Sound Pressure Level (A), dB	65.8
Maximum Current	3 A
Maximum Feed Force, lbf	850
Weight w/Battery, lb (kg)	5.3 (2.4)
Warranty (tool and charger)	2 Years
Warranty (battery)	2 Years/1,000 Cycles
Battery (qty)	CTB185 (1)
Battery Charger	CTC131
Tool Body Only	CTCG8850DB

CTCG8850K1 18 V MonsterLithium Cordless Caulk Gun Kit

- High feed force to easily dispense material, even when cold
- Dispense rates from 2-18 inch/minute allows user to fine tune material dispensing
- Piston retracts automatically when trigger is released to stop material from dispensing—saves time and material
- Dispenses up to 400 tubes of caulk on a single charge
- Light weight for easy maneuverability
- Very low noise level and vibration reduces user fatigue
- Easily changes from one tube style to another to get the job done quickly
- 10 oz cartridge (included), optional kits available for 29 oz cartridge kit and 600 ml sausage kit

Colors Available



1 Battery, 1 Charger: K1 GK1 HVK1
 Tool Only: DB GDB HVDB
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CTRS8850 Series Reciprocating Saw

Specifications	CTRS8850AK1
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	60
Stroke Length, inches (mm)	1 (25.4)
Strokes Per Minute	2,400
Height with Battery, inches (mm)	6.25 (210)
Length, inches (mm)	18 (457)
Weight with Battery Pack, lb (kg)	7.7 (3.4)
Warranty (tool and charger)	2 Years
Warranty (battery)	2 Years/1,000 Cycles
Battery (qty)	CTB185 (1)
Battery Charger	CTC131
Tool Only	CTRS8850ADB

CTRS8850AK1 18 V MonsterLithium Cordless Reciprocating Saw Kit (One Battery/Charger)

- 2,400 strokes per minute
- 75 A rated, heavy-duty variable-speed trigger provides long life and is contoured to reduce user fatigue
- Heavy-duty 14-gauge internal wiring withstands high current loads during heavy sawing
- Spring-loaded blade retention system requires no tools and ejects broken blades easily
- Non-slip cushion grip nose reduces vibration and provides positive tool control
- Heavy-duty armature and balanced motor design for smooth operation
- Turbine-style cooling system reduces heat buildup, extending tool life
- Sealed nose mechanism prevents dirt and sawing debris from damaging internal components
- Kit includes tool, (1) battery and a charger

Colors Available



1 Battery, 1 Charger: K1 GK1 HVK1
 Tool Only: DB GDB HVDB
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS



CTGR8845AK1



CTGR8855AK1



CTGR8850AK1

Grinders/Cut-Off Tools

Specifications	CTGR8845AK1	CTGR8855AK1	CTGR8850AK1
Battery Type	Lithium 5.0 Ah	Lithium 5.0 Ah	Lithium 5.0 Ah
Battery Voltage	18	18	18
Charge Time, minutes	93	93	93
Wheel Size, inches (mm)	4.5 (114) or 5 (127)	4.5 (114) or 5 (127)	4.5 (114) or 5 (127)
Arbor Size, inches (mm)	7/8 (22)	7/8 (22)	7/8 (22)
Free Speed, RPM	8,000	8,000	8,000
Spindle Thread, inches	5/8"-11	5/8"-11	5/8"-11
Length w/battery, inches (mm)	16 (406)	16.5 (419)	16.5 (419)
Weight with Battery, lb (kg)	5.3 (2.4)	6.2 (2.8)	6.2 (2.8)
Switch Type	Paddle Switch	Safety Switch	Slide Switch
Warranty (tool and charger)	2 Years	2 Years	2 Years
Warranty (battery)	2 Years/1,000 Cycles	2 Years/1,000 Cycles	2 Years/1,000 Cycles
Replacement Grinding Wheel (size)	PT450-WH (4.5")	PT450-WH (4.5")	PT450-WH (4.5")
Replacement Cut-Off Wheel	CTGR-CW50	CTGR-CW50	CTGR-CW50
Battery (qty)	CTB185 (1)	CTB185 (1)	CTB185 (1)
Battery Charger	CTC131 (1)	CTC131 (1)	CTC131 (1)
Tool Only	CTGR8845ADB	CTGR8855ADB	CTGR8850ADB

UL[®] listed.
 CE - DE, ES, FR, IT, GB, NL, JP

CTGR8845AK1 18 V 4-1/2" MonsterLithium Cordless Standard Grinder Kit (One Battery/Charger)

- Standard head for use with 4-1/2" and 5" wheels
 - Features a tool-free arbor nut for fast wheel changes
 - Powerful motor delivers 8,000 RPM
 - Includes removable cutting wheel guard for flexibility
 - Electronic brake for enhanced user safety
 - Motor screen helps keep debris out of the motor
 - Battery rotates 270° for improved access
 - Anti-vibration handle for less fatigue
 - Paddle-style switch for OSHA[®] compliance
 - Kit includes tool, (1) battery and a charger
- CTGR8850AK1 18 V MonsterLithium Cordless Angle Grinder/Cut-Off Tool Kit (One Battery/Charger)**
- 8,000 RPM handles most grinding jobs with ease
 - Ultra-slim head allows user to access areas other grinders cannot
 - Battery rotates 270° for improved access
 - Accepts 4-1/2" or 5" wheels for more options to quickly get the job done
 - Anti-vibration handle—allows user to work longer and more comfortably
 - Replaceable motor screen—keeps debris out of the motor so tool lasts longer
 - Seven-position safety guard—lets user tackle most jobs with less effort
 - Tool-free guard removal—simply pull one guard off and slide the other one on
 - Kit includes tool, (1) battery and a charger

CTGR8855AK1 18 V MonsterLithium Angle Grinder/Cut-Off Tool Kit with Safety Switch (One Battery/Charger)

- Flat head design for easy access
 - 8,000 RPM handles most grinding jobs with ease
 - Use with 4-1/2" or 5" wheels—more options to get the job done fast
 - Seven-position safety guard
 - Electronic safety clutch
 - Motor screen keeps debris out of the motor to extend tool life
 - Battery rotates 270° for improved access
 - Anti-vibration handle—allows user to work longer and more comfortably
 - High-stall torque
 - OSHA[®] compliant switch
 - Kit includes tool, (1) battery and a charger
- CTGR-CW50 5" Abrasive Cutting Wheel**
- Replacement cutting wheel for CTGR8850 cordless grinder
- CTGR-CW50MP 5" Abrasive Cutting Wheel (25 pack)**
- Replacement cutting wheel for CTGR8850 cordless grinder



• Use only impact sockets and accessories with impact wrenches.
 • Read Safety Precautions on page 91-94.

CORDLESS: 18-VOLT PLATFORMS



CTGRS8806AK1



CTGRS8825AK1

Die Grinders

Specifications	CTGRS8806AK1	CTGRS8825AK1
Battery Type	Lithium 5.0 Ah	Lithium 5.0 Ah
Battery Voltage	18	18
Charge Time, minutes	90	90
Collet Size, inches (mm)	1/4 (6)	1/4 (6)
Free Speed, RPM	6,000	25,000
Sound Pressure Level, dBA	81.6	86.5
Switch Type	Paddle Switch	Paddle Switch
Uncertainty K, dBA	3	3
Uncertainty, K (Vibration), m/s ²	1.5	1.5
Vibration Level, m/s ²	1.9	6.5
Height with Battery, inches (mm)	4 (102)	4 (102)
Width with Battery, inches (mm)	3 (76)	3 (76)
Weight with Battery, lb (kg)	4.9 (2.2)	4.6 (2.1)
Weight, lb (kg)	3.2 (1.5)	3.1 (1.4)
Warranty (battery)	2 Years	2 Years
Warranty (tool and charger)	2 Years	2 Years
Battery (qty)	CTB185 (1)	CTB185 (1)
Battery Charger	CTC131 (1)	CTC131 (1)
Tool Only	CTGRS8806A0B	CTGRS8825A0B

CE - DE, ES, FR, IT, GB, NL, JP

CTGRS8806AK1 18 V MonsterLithium Cordless In-line Die Grinder Kit (One Battery/Charger)

- 6,000 RPM to handle the big jobs
- Spindle lock for easy changing of accessories
- Tight tolerance collet for exact concentricity
- Overload protection prevents tool from over-heating
- Start-up protection prevents tool from starting after battery change
- Ergonomic design for positive tool control
- Standard 1/4" collet accepts most accessories
- Battery rotates 270° to adjust to each application
- Paddle style trigger for ease-of-use
- Kit includes tool, (1) battery and a charger

CTGRS8825AK1 18 V MonsterLithium Cordless In-line Die Grinder Kit (One Battery/Charger)

- 25,000 RPM handles the big jobs
- Spindle lock for easy changing of accessories
- Tight-tolerance collet for exact concentricity
- Overload protection prevents tool from overheating
- Start-up protection prevents tool from starting after battery change
- Ergonomic design for positive tool control
- Standard 1/4" collet accepts most accessories
- Battery rotates 270° for improved access
- Paddle-style trigger for ease of use
- Kit includes tool, (1) battery and a charger

CORDLESS: 18-VOLT PLATFORMS



CTBF8818K1

Cordless Sanders

Specifications	CTBF8818K1
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	90
Belt Length, inches (mm)	18 (457)
Usable Belt Length, inches (mm)	3-9/16 (90)
Belt Speed, RPM	8,000
Belt widths, inches (mm)	1/4-1/2 (6-12)
Maximum Torque, in-lb	14
Length w/battery, inches (mm)	18.5 (475)
Switch Type	Safety Switch
Spindle Thread, inches	5/8-11
Weight with Battery, lb (kg)	5.5 (2.5)
Warranty (battery)	2 Years
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (1)
Battery Charger	CTC131
Tool Body Only	CTBF8818DB

CE, DE, ES, FR, IT, GB, NL, JP

CTBF8818K1 18 V 18" MonsterLithium Cordless Band File Sander (One Battery/Charger)

- For grinding, burnishing and deburring in hard-to-access areas
- Head can be rotated 270° for flexibility
- Features a tool-free adjustable belt guide and cover for easy belt changes
- Includes 1/4-1/2" contour sanding arm—other arms sold separately
- Accepts 18" belt and has a workable surface of 3-9/16" to help get the job done quickly
- Motor screen helps keep debris out of the motor
- Battery can be rotated 270° without tools to adjust to any working position
- Anti-vibration handle helps reduce fatigue
- Detachable dust filter protects motor from coarse particles
- OSHA®-compliant switch for added safety
- Kit includes tool, (1) battery, (1) charger and a starter kit of belts

CTBFSA12 Band File Sanding Arm, 1/2"

CTBFSA14 Band File Sanding Arm, 1/4"

CTBFSA34 Band File Sanding Arm, 3/4"



CTBF821460

CTBF823440

CTBF8234120



CTRG9050K1

Rivet Guns

Specifications	CTRG9050K1
Battery Type	Lithium 5.0 Ah
Battery Voltage	18
Charge Time, minutes	60
Pull Force, lb (kg)	4,400 (1,998)
Stroke Length, inches (mm)	905 (23)
LED Light	3 Bulb
Height, inches (mm)	8.8 (225)
Weight, lb (kg)	5.8 (2.6)
Warranty (battery)	2 Years/1,000 Cycles
Warranty (tool and charger)	2 Years
Battery (qty)	CTB185 (1)
Battery Charger	CTC131
Tool Body Only	CTRG9050DB

CE, DE, ES, FR, IT, GB, NL, JP

CTRG9050K1 18 V MonsterLithium Brushless Rivet Gun Kit (One Battery/Charger)

- Brushless motor means superior durability, longer tool life and maximum run time
- 4,400 lb of pull force for precise accuracy
- LED light illuminates the work area
- Field replaceable long life jaws
- On board nose piece storage
- Heavy-duty tool hook allows for hanging
- Produces over 6,000 rivets on a battery charge to get the work done
- Operates with 1/8, 5/32, 3/16 and 1/4" rivets
- Kit includes tool, (1) battery and charger

Sanding Belts

Stock No.	Description
CTBFBC1240	Ceramic, 1/2 x 18-3/4", 40 grit (10 pk)
CTBFBC1260	Ceramic, 1/2 x 18-3/4", 60 grit (10 pk)
CTBFBC1280	Ceramic, 1/2 x 18-3/4", 80 grit (10 pk)
CTBFBC12120	Ceramic, 1/2 x 18-3/4", 120 grit (10 pk)
CTBFCA1412	Band File Contour Arm, 1/4-1/2
CTBFBB12COR	Fleeceband, 1/2 x 18-3/4", Coarse (5 pk)
CTBFBB12FNE	Fleeceband, 1/2 x 18-3/4", Fine (5 pk)
CTBFBB12MED	Fleeceband, 1/2 x 18-3/4", Medium (5 pk)
CTBFBB14COR	Fleeceband, 1/4 x 18-3/4", Coarse (5 pk)
CTBFBB14FNE	Fleeceband, 1/4 x 18-3/4", Fine (5 pk)
CTBFBB14MED	Fleeceband, 1/4 x 18-3/4", Medium (5 pk)
CTBFBB34COR	Fleeceband, 3/4 x 18-3/4", Coarse (5 pk)
CTBFBB34FNE	Fleeceband, 3/4 x 18-3/4", Fine (5 pk)
CTBFBB34MED	Fleeceband, 3/4 x 18-3/4", Medium (5 pk)
CTBFBZ1240	Zirconia, 1/2 x 18-3/4", 40 grit (10 pk)
CTBFBZ1260	Zirconia, 1/2 x 18-3/4", 60 grit (10 pk)
CTBFBZ1280	Zirconia, 1/2 x 18-3/4", 80 grit (10 pk)
CTBFBZ12120	Zirconia, 1/2 x 18-3/4", 120 grit (10 pk)
CTBFBZ1440	Zirconia, 1/4 x 18-3/4", 40 grit (10 pk)
CTBFBZ1460	Zirconia, 1/4 x 18-3/4", 60 grit (10 pk)
CTBFBZ1480	Zirconia, 1/4 x 18-3/4", 80 grit (10 pk)
CTBFBZ14120	Zirconia, 1/4 x 18-3/4", 120 grit (10 pk)
CTBFBZ3440	Zirconia, 3/4 x 18-3/4", 40 grit (10 pk)
CTBFBZ3460	Zirconia, 3/4 x 18-3/4", 60 grit (10 pk)
CTBFBZ3480	Zirconia, 3/4 x 18-3/4", 80 grit (10 pk)
CTBFBZ34120	Zirconia, 3/4 x 18-3/4", 120 grit (10 pk)



- Do not use grinding discs or accessories above their maximum rated RPM.
- Use only impact sockets and accessories with impact wrenches.
- Read Safety Precautions on pages W3-W4.

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CT825K2



CT861K2

CT825 Series Brushless Impact Wrenches

Specifications	CT825K2	CT861K2
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4
Charge Time, minutes	70	70
Square Drive, inches (mm)	1/4 (6)	3/8 (10)
Anvil Type	Friction Ring	Friction Ring
Torque Output, ft-lb (N•m)	70 (95)	150 (203)
Bolt Breakaway Torque, ft-lb (N•m)	100 (135)	225 (305)
Blows Per Minute, BPM	3,000	3,000
Free Speed, RPM	2,200	2,500
No Load Current	3.0 A	3.0 A
Length, inches (mm)	6.8 (173)	6.8 (173)
Width, inches (mm)	2 (51)	2 (51)
Height, inches (mm)	7 (178)	7 (178)
Height with Battery, inches (mm)	8.9 (203)	8.0 (203)
Weight with Battery, lb (kg)	2.7 (1.2)	2.7 (1.2)
Warranty (battery)	1 Year	1 Year
Warranty (tool and charger)	1 Year	1 Year
Quick-Change Chuck Version (hex size of chuck)	—	CTQ861 (1/4")
Battery (qty)	CTB8174 (2)	CTB8174 (2)
Battery Charger	CTC772A	CTC772A
Tool Only	CT82508	CT86108

CE, DE, ES, FR, IT, GB, NL, JP

CT825K2 14.4 V 1/4" Drive Brushless MicroLithium Cordless Impact Wrench Kit

- 70 ft-lb of torque output handles many common fasteners
- Variable speed standard style trigger for precise control
- Tri-beam headlights illuminate the work area
- Built in brake prevents the tool from throwing fasteners and sockets
- Over current and thermal protection of the motor prevents tool from overheating
- Under voltage protection will not overdraw the battery
- Built in fuel gauge indicates battery state of charge
- Cushion grip handle provides positive tool control with less user fatigue
- Glass filled nylon housing is durable and prevents breaking
- Brushless motor means superior durability, longer tool life and maximum run time
- 70 minute charge time
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: 08 G08 HV08

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CT861K2 14.4 V 3/8" Drive MicroLithium Cordless Impact Wrench Kit

- 150 ft-lb (203 N•m) of torque output
- 225 ft-lb (305 N•m) of bolt breakaway torque
- Tri-beam LED headlights illuminates work area
- Brushless motor for longer runtime and durability
- Variable speed trigger for precise tool control
- Glass filled nylon housing for durability
- Built in fuel gauge indicates battery state of charge
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: 08 G08 HV08

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CDR861K2

CDR861 Series 3/8" Capacity Brushless Drills

Specifications	CDR861K2
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Charge Time, minutes	70
Chuck Capacity inches (mm)	3/8 (10)
Clutch Settings	9
Gear Box Type	2-Speed
Torque Output in-lb (N•m)	200 (22.6)
Free Speed, RPM, Low (High)	0-450 (0-1,550)
Sound Pressure Level, dB(A)	73.7
Length, inches (mm)	7.7 (198)
Height inches (mm)	7.8 (198)
Width, inches (mm)	2 (50)
Operating Temperature	-4-120 °F (-20-60 °C)
RPM (low)	0-450
RPM (high)	0-1,550
Weight with Battery, lb (kg)	2.4 (1.1)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CDR861DB

UL® listed.
CE - DE, ES, FR, IT, GB, NL, JP

CDR861K2 14.4 V 3/8" MicroLithium Cordless Drill Kit

- 200 in-lb (22.6 N•m) of torque output
- Two-speed gearbox (450/1,550) RPM
- Keyless 3/8" single sleeve steel chuck
- Nine position clutch to adjust for the application
- Brushless motor for longer runtime and durability
- Variable speed trigger for precise tool control
- Built in fuel gauge indicates battery state of charge
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 DK2 HVK2
Tool Only: DB GDB HVDB
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

WARNING



- Use only impact sockets and accessories with Impact wrenches.
- Read Safety Precautions on page W1-W4.

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CDRR761K2

CDRR761 Series 3/8" Capacity Right-Angle Drills

Specifications	CDRR761K2
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Charge Time, minutes	70
Chuck Cap., inches (mm)	3/8 (10)
Clutch Settings	9
Gear Box Type	2-Speed
Torque Output, in-lb (N•m)	150 (19.0)
Free Speed (RPM), Low (High)	0-450 (0-1,550)
Sound Pressure Level, dB(A)	73.7
Sound Power Level, dB(A)	85.3
Length, inches (mm)	13.3 (338)
Height, inches (mm)	4 (102)
Width, inches (mm)	2 (50)
Weight with Battery, lb (kg)	3.3 (1.5)
Operating Temperature Range	-4-120 °F (-20-50 °C)
RPM (low)	0-450
RPM (high)	0-1,550
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CDRR761DB

CDRR761K2 14.4 V 3/8" MicroLithium Cordless Right Angle Screw Gun/Drill Kit

- 150 in-lb of torque output handles a wide variety of applications
- Two-speed drill: 400/1,550 RPM; low speed for higher torque applications, high speed for drilling steel
- Nine-position clutch delivers 8-50 in-lb of torque
- Variable-speed switch—good featherability at low speed for driving screws
- Lightweight drill—only 3.2 lb with battery
- 3/8" keyless single-sleeve durable steel chuck makes changing bits easy
- Cushion grip handle provides comfortable non-slip control for less fatigue over time
- Small size to get into tight spots—under dash, firewall, etc.
- One-year full warranty and serviced by Snap-on® Service Centers
- Built-in gauge displays the battery charge state
- Integrated LED light
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS



CDRS761K2

CDRS761 Series 3/8" Capacity Inline Drills

Specifications	CDRS761K2
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Charge Time, minutes	70
Chuck Capacity, inches (mm)	3/8 (10)
Clutch Settings	9
Gear Box Type	2-Speed
Torque Output, in-lb (N•m)	80 (7.3)
Free Speed, RPM	0-1,350
Sound Pressure Level, dB(A)	80.4
Sound Power Level A, dB(A)	89.6
Length, inches (mm)	13.3 (338)
Height, inches (mm)	4 (102)
Width, inches (mm)	2 (50)
Weight with Battery, lb (kg)	2.8 (1.2)
Operating Temperature	-4-140 °F (-20-80 °C)
RPM (low)	0-450
RPM (high)	0-1,550
Uncertainty K, dB(A)	3.0
Vibration Level, m/s ²	1.3
Storage Temperature	-4-140 °F (-20-80 °C)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Charger	CTC772A
Tool Only	CDRS761DB

CDRS761K2 14.4 V 3/8" MicroLithium Cordless Inline Drill Kit

- 150 in-lb of torque handles a wide variety of applications
- Two speeds (400/1,400 RPM): low speed for higher torque applications, high speed for steel drilling
- Variable-speed switch—good featherability at low speed for driving screws and control
- Nine-position clutch
- Lightweight drill—with battery only 2.4 lb
- 3/8" keyless drill chuck—single-sleeve durable steel chuck makes changing bits easy
- Cushion grip handle—non-slip, comfort for the operator, positive tool control allows the operator to work longer with less fatigue
- Small size to get in tight spots: under dash, firewall, etc.
- One-year full warranty and serviced by Snap-on® Service Centers
- Built-in gauge displays the battery charge state
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CDRR2005 Series Angle Mini Drill

Specifications	CDRR2005K2	CDRR200545K2	CDRR2005360K2
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4	14.4
Charge Time, minutes	70	70	70
Bit Thread Size	1/4"-28	1/4"-28	1/4"-28
Free Speed, RPM	6,000	6,000	6,000
Length Angle Head (Front to Back), inches (mm)	1.12 (28)	1 (25)	3 (76)
Sound Pressure Level, dB(A)	74.2	74.2	74.2
Height (Head Assembly), inches (mm)	4.4 (112)	4.4 (112)	4.4 (112)
Height with Battery, inches (mm)	13.1 (333)	13.1 (333)	13.1 (333)
Vibration Level, m/s ²	5.12	8.02	8.02
Width, inches (mm)	1.8 (46)	1.3 (45)	1.8 (46)
Length, inches (mm)	12 (305)	12 (305)	12 (305)
Height, inches (mm)	3.3 (84)	3.3 (84)	3.3 (84)
Weight with Battery, lb (kg)	1.4 (84)	1.4 (84)	1.4 (84)
Operating Temperature Range	-4-120 °F (-20-60 °C)	-4-120 °F (-20-60 °C)	-4-120 °F (-20-60 °C)
Warranty (battery)	1 Year	1 Year	1 Year
Warranty (tool and charger)	1 Year	1 Year	1 Year
Optional 1/4" Collet	YA409-6	YA409-6	YA409-6
Battery (qty)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)
Battery Charger	CTC772A	CTC772A	CTC772A
Tool Only	CDRR20050B	CDRR2005450B	CDRR20053600B

CC - DE, ES, FR, IT, GB, NL, JP

CDRR2005K2 14.4 V MicroLithium Cordless Right Angle Mini Drill Kit

- Compact head for great access
- Low runout for precise drilling
- Accepts 1/4"-28 threaded bits and accessories
- Double ball bearing supported spindle shaft for durability
- Spiral beveled gears for durability and smooth operations
- 90° angle for great access
- LED light illuminates work area
- Soft grip handle for positive tool control
- Battery fuel gauge indicates battery charge state
- Kit includes tool, (2) batteries and a charger

CDRR2005360K2 14.4 V MicroLithium Cordless 360° Angle Head Mini Drill Kit

- Small compact head for greater access into places traditional pistol style drills cannot
- Low runout for precise accurate drilling
- Accepts 1/4"-28 threaded bits and accessories and standard 1/4" accessories with adaptor (not included)
- Double ball bearing supported spindle shaft for durability
- Spiral beveled gears for durability and smooth operation
- 360° angle head for great accessibility
- Built-in LED illuminates work area
- Soft grip handle for positive tool control
- Battery fuel gauge indicates the battery state of charge
- Variable speed trigger for slow start up
- Proven lower unit and head
- Kit includes tool, (2) batteries and a charger

CDRR200545K2 14.4 V MicroLithium Cordless 45° Angle Head Mini Drill Kit

- Same features as the CDRR2005360K2.



- Use only impact sockets and accessories with impact wrenches.
- Read Safety Precautions on pages W1-W4.

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CTS861K2

CTS861 Series Screwdrivers

Specifications	CTS861K2
Style	Pistol
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Trigger Style	Toggle
Charge Time, minutes	70
Chuck Cap., inches (mm)	1/4 (6)
Square Drive, inches (mm)	1/4 (6) Hex
Torque Output, in-lb (N•m)	200 (22)
Clutch Settings	9
Gear Box Type	2-Speed
Free Speed, RPM	450/1,550
RPM (low)	0-450
RPM (high)	0-1,550
Length, inches (mm)	6.1 (155)
Width, inches (mm)	1.9 (48)
Weight with Battery, lb (kg)	2.1 (1.0)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CTS861DB

CE, DE, ES, FR, IT, GB, NL

CTS861K2 14.4 V 1/4" Hex MicroLithium Cordless Toggle Screwdriver Kit

- 200 in-lb of torque output
- Two-speed gearbox: 450/1,550 RPM
- Brushless motor for longer runtime and durability
- 300 in-lb manual spindle lock
- Nine-position clutch provides the ability to dial in the proper torque
- Glass-filled nylon housing for durability
- Variable-speed toggle-style trigger for precise control
- Twin-beam headlights illuminate work area
- Quick 70-minute battery charge for less down time
- Undervoltage protection will not overdraw the battery; overcurrent protection of the electronics
- Built-in gauge displays the battery charge state
- Screened motor keeps debris from entering critical components
- Cushion grip handle provides positive tool control with less fatigue
- UL® and cUL® listed
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 PK2
 Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



CTSR761K2

CTSR761 Series Screwdrivers

Specifications	CTSR761K2
Style	Inline
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Trigger Style	Paddle
Charge Time, minutes	70
Chuck Cap., inches (mm)	1/4 (6)
Square Drive, inches (mm)	1/4 (6) Hex
Torque Output, in-lb (N•m)	150 (16.9)
Clutch Settings	9
Gear Box Type	2-Speed
Free Speed, RPM	450/1,550
RPM (low)	0-450
RPM (high)	0-1,550
Width, inches (mm)	2 (50.8)
Weight with Battery, lb (kg)	2.7 (1.2)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CTSR761DB

CE

CTSR761K2 14.4 V 1/4" MicroLithium Cordless Right Angle Screwdriver Kit

- Features an oversized paddle trigger and easy-access Forward/Reverse button
- 150 in-lb of torque
- 450-1,550 RPM free speed
- Ergonomic cushion grip
- Two-speed gearbox
- Variable-speed extended trigger
- Nine-position clutch
- Built-in LED light
- Rapid 70-minute charge time
- Ideal for metals, plastic, aluminum, fiberglass, exhaust, hanger work, ATVs and mud flaps
- Used for dash work, stripped fasteners and removing/installing panels
- Handles most standard-style screwdriver bits, as well as power bits
- One-handed bit insertion
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 PK2
 Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CTRS761AK2

CTRS761 Series Saws

Specifications	CTRS761AK2
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Motor Voltage (VDC)	14.4
Charge Time, minutes	70
Strokes Per Minute	3,100
Stroke Length, inches (mm)	1/2 (13)
Sound Power Level (A), dB	87.7
Sound Pressure Level (A), dB	76.1
Uncertainty, K (Cutting 4 x 4" SPF Lumber), m/s ²	2.72
Uncertainty, K (Noise), dB	3
Uncertainty, K (Vibration), m/s ²	1.54
Vibration Level (Cutting 4 x 4" SPF Lumber), m/s ²	7.41
Vibration Level, m/s ²	11.97
Variable Speed Switch	Yes
Length, inches (mm)	12 (304)
Weight with Battery Pack (Li-Ion), lb (kg)	3.2 (1.5)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CTRS761ADB

CTRS761AK2 14.4 V MicroLithium Cordless Reciprocating Saw Kit

- 3,100 strokes per minute
- Small and lightweight; ideal for use in confined areas
- Dual chuck mechanism (quick chuck)
- Tool-free adjustment of the depth guide
- Variable-speed switch
- Integrated LED work light
- LED gauge indicates battery charge state
- Six-position adjustable footplate
- Quick, one-handed blade release
- Housing screen keeps debris out of the motor
- Lock-off switch is located above the trigger
- Variable-speed trigger
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: DS GDS HVDS

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



CTSS761K2

CTSS761 Series Screwdrivers

Specifications	CTSS761K2
Style	Inline
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Trigger Style	Paddle
Charge Time, minutes	70
Chuck Cap., inches (mm)	1/4 (6)
Clutch Settings	9
Square Drive, inches (mm)	1/8 (3) Hex
Sound Power Level A, dBA	76.9
Sound Pressure Level A, dBA	65.3
Torque Output, in-lb (N*m)	65 (7.2)
Free Speed, RPM	0-1,350
Gear Box Type	Single Speed
Uncertainty K, dBA	3.0
Vibration Level, m/s ²	0.93
Vibration Uncertainty K, m/s ²	0.25
Length, inches (mm)	11.8 (300)
Width, inches (mm)	2 (50.8)
Weight with Battery, lb (kg)	2.2 (1.0)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CTSS761DB

CTSS761K2 14.4 V MicroLithium Cordless Inline Screwdriver Kit

- 65 in-lb of torque output to get the job done
- 1,350 RPM
- Variable-speed trigger allows the user to regulate the proper RPM
- Nine-position clutch to dial in the proper torque
- Built-in LED illuminates work area
- Rapid 70-minute charge time keeps the job moving
- Handles most standard style screwdriver bits as well as power bits
- One-handed bit insertion
- Cushion grip handle provides comfortable non-slip control for less fatigue over time
- Easy-access Forward/Reverse button
- Kit includes tool, (2) batteries and a charger

Colors Available



2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: DS GDS HVDS

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



• Read Safety Precautions on pages 701-704

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CTR762K2



CTR861K2



CTR814K2

CTR762 Series 14.4 V Snap-on® Brute Cordless Ratchet

Specifications	CTR762K2	CTR861K2	CTR814K2
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4	14.4
Charge Time, minutes	70	70	70
Square Drive, inches (mm)	3/8 (10)	3/8 (10)	1/4 (6)
Torque Output, ft-lb (N•m)	70 (95)	60 (81)	35 (47)
Manual Torque, ft-lb (N•m)	158 (214)	158 (214)	46 (62)
Free Speed, RPM	175	275	350
Height with Battery, inches (mm)	12.6 (324)	12.2 (310)	11.1 (282)
Weight with Battery, lb (kg)	2.8 (1.3)	2.7 (1.2)	2.0 (0.9)
Warranty (battery)	1 Year	1 Year	1 Year
Warranty (tool and charger)	1 Year	1 Year	1 Year
Battery (qty)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)
Battery Charger	CTC772A	CTC772A	CTC772A
Tool Only	CTR762DB	CTR861DB	CTR814DB

CE

CTR762K2 14.4 V 3/8" Drive MicroLithium Cordless Ratchet Kit

- 70 ft-lb of torque output to get the job done
- Variable-speed trigger for precise tool control
- Integrated LED light illuminates the work area
- Cushion grip handle provides positive tool control
- Large forward/reverse knob for easy change of direction
- LED fuel gauge helps identify the battery's charge state
- 2.5 Ah batteries for extra-long run time between charges
- Kit includes tool, (2) batteries and a charger

CTR861K2 14.4 V 3/8" Drive MicroLithium Cordless Ratchet Kit

- 60 ft-lb of torque output gets the big jobs done
- 158 ft-lb of manual torque helps bust stubborn fasteners loose
- 275 RPM free speed removes fasteners rapidly
- Super bright 18 lm light stays illuminated after trigger is released
- Brushless motor means superior durability, longer tool life and maximum run time
- Auto trigger shuts tool off after two minutes of continuous use
- Variable-speed trigger allows for slow start-ups
- Cushion grip handle for positive tool control
- Built-in fuel gauge indicates battery charge
- Large greased forward/reverse knob allows for lubricating the head
- Kit includes tool, (2) batteries and a charger

CTR814K2 14.4 V 1/4" Drive MicroLithium Cordless Ratchet Kit

- Powerful 35 ft-lb of torque output, perfect for applications with fasteners 12 mm or smaller
- 350 RPM free speed removes fasteners rapidly
- Brushless motor for longer run time and durability
- Integrated LED headlight illuminates work area
- Variable speed trigger for precise tool control
- Over and under temperature protection keeps tool operating efficiently
- Cushion grip handle for positive tool control with less user fatigue
- Large greasable reversing knob for ease of direction change
- Battery gauge displays power remaining indicates battery charge state
- Includes tool, (2) batteries and charger

Colors Available

2 Batteries, 1 Charger: K2 GK2 HVK2
Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CTR768 Series Long-Neck Ratchets

Specifications	CTR768K2	CTR817K2	CTR867K2
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4	14.4
Charge Time, minutes	70	70	70
Square Drive, inches (mm)	3/8 (10)	1/4 (6)	3/8 (10)
Torque Output, ft-lb (N•m)	70 (95)	35 (47)	60 (81)
Manual Torque, ft-lb (N•m)	158 (214)	46 (62)	158 (214)
Free Speed, RPM	175	350	275
Height with Battery, inches (mm)	16.2 (411)	13.9 (353)	15.6 (396)
Weight with Battery, lb (kg)	3.5 (1.5)	2.4 (1.1)	3.3 (1.5)
Warranty (battery)	1 Year	1 Year	1 Year
Warranty (tool and charger)	1 Year	1 Year	1 Year
Battery (qty)	CTB8174 (2)	CTB8174 (2)	CTB8174 (2)
Battery Charger	CTC772A	CTC772A	CTC772A
Tool Only	CTR768DB	CTR817DB	CTR867DB

CE - DE, ES, FR, IT, GB, NL, JP

CTR768K2 14.4 V 3/8" Drive MicroLithium Cordless Long-Neck Ratchet Kit

- 70 ft-lb of torque output to get the job done
- Variable-speed trigger for precise tool control
- Integrated LED light illuminates the work area
- Cushion grip handle provides positive tool control
- Large forward/reverse knob for easy direction change
- Battery gauge displays power remaining
- Uses 2.5 Ah battery for extra-long run time
- Long neck to access hard-to-reach fasteners
- Includes tool, (2) batteries and a charger

CTR817K2 14.4 V 1/4" Drive MicroLithium Cordless Long-Neck Ratchet Kit

- Powerful 35 ft-lb of torque output, perfect for applications with fasteners 12 mm or smaller
- 350 RPM free speed removes fasteners rapidly
- Variable-speed trigger for precise tool control
- Built in LED illuminates work area
- Long 6" extended neck for great accessibility
- Brushless motor means superior durability, longer tool life and maximum run time
- Kit includes tool, (2) batteries and a charger

CTR867K2 14.4 V 3/8" Drive MicroLithium Cordless Long-Neck Ratchet Kit

- 60 ft-lb of torque output removes stubborn fasteners
- 158 ft-lb of manual torque to loosen rusty fasteners
- 275 RPM gets the job done quickly
- Variable-speed trigger for precise control
- Over- and under-temperature protection keeps tool operating at peak efficiency
- Cushion grip handle provides comfortable non-slip control for less fatigue over time
- Large, greasable forward/reverse knob makes it easy to switch directions
- Battery gauge displays power remaining
- Integrated 18 lm LED headlight illuminates work area
- Brushless motor means superior durability, longer tool life and maximum run time
- Kit includes tool, (2) batteries and a charger

Colors Available



Red Green Hi-Viz

2 Batteries, 1 Charger: K2 GK2 HVK2

Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



• Read Safety Instructions on pages W1-W8

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CGRS861/CGRR861 Series Die Grinders

Specifications	CGRS861K2	CGRR861K2
Battery Type	Lithium 2.5 Ah	Lithium 2.5 Ah
Battery Voltage	14.4	14.4
Warranty (battery)	1 Year	1 Year
Charge Time, minutes	70	73
Warranty (tool and charger)	1 Year	1 Year
Chuck Capacity, inches (mm)	1/8 (3) and 1/4 (6)	1/8 (3) and 1/4 (6)
Weight with Battery, lb (kg)	1.7 (1.77)	2.2 (0.99)
Free Speed, RPM	10,000-30,000	9,500-28,000
Length with Battery, inches (mm)	11.4 (290)	11.4 (290)
Width with Battery, inches (mm)	2 (50)	2 (50)
Height with Battery, inches (mm)	3.3 (84)	3.3 (84)
Battery (qty)	CTB8174 (2)	CTB8174 (2)
Charger	CTC772A	CTC772A
Tool Only	CGRS861DB	CGRR861DB

C, E, DE, ES, FR, IT, GB, NL, JP

CGRS861K2 14.4 V MicroLithium Brushless Cordless Inline Die Grinder Kit

- Ideal for use with 2" accessories
- Small, lightweight and portable
- Dual collet system accepts 1/8" or 1/4" accessories
- Push-button spindle lock for fast bit changes
- Variable speed allows user to adjust the required torque
- Low battery light indicates when battery needs charging
- 10,000-30,000 RPM
- 1.7 lb weight and 11.4" overall length allows for easy access and maneuverability
- Kit includes tool, (2) batteries and a charger

CGRR861K2 14.4 V MicroLithium Brushless Cordless Right Angle Die Grinder Kit

- Same features as CGRS861K2
- 9,500-28,000 RPM
- 2.2 lb weight and 11.4" overall length allows for easy access and maneuverability
- Kit includes tool, (2) batteries and a charger

Colors Available



Red Green Hi-Viz

2 Batteries, 1 Charger: K2 GK2 HVK2

Tool Only: DB GDB HVDB

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

CORDLESS: 14.4-VOLT MICROLITHIUM PLATFORMS



CTG861K1

CTG861 Series Color Display Infrared Thermometers

Specifications	CTG861K1
Alarm	On/Off and High/Low
Ambient Operating Range, °F (°C)	32-120 (0-50)
Runtime on a Single Battery Charge, hours	30
Display Hold	Last reading and operating mode display for 10 sec nominal upon trigger release
Distance To Spot Size	12:1 (90% energy covered)
Emissivity	0.30-0.95 Adjustable
IR Accuracy	0-500 °C, ±2% or 2 °C; -18-0 °C, 5 °C 50-1,000 °C, ±2% ±3dig
IR Repeatability (+23 Ems=0.95)	±2% or ±2 °C/°F
IR Resolution	< 1,000 °C/°F; 0.1 °C/°F; > 1,000 °C/°F; 1 °C/°F
K Type Range (Optional)	-328-2,372 °F (-200-1,300 °C)
K Type Accuracy (Optional)	0% of Reading ±1.6 °F (±1 °C)
Record	RecMax/Min
Relative Humidity	15-80% RH non-condensing
Response Time	500 mSec
Spectral Response	7-14 um
Storage Temperature	14-140 °F (-10-60 °C) without Battery
Battery (qty)	CTB8174 (1)
Battery Type	Snap-on® 14.4 Volt
Charger	CTC772A
Tool Only	CTG861DB

CE - DE, ES, FR, IT, GB, NL, JP

CTG861K1 14.4 V MicroLithium Color Display Cordless Temperature Gun Kit

- Safe non-contact and contact temp options
- Temperature range: -58-1,832 °F (-50-1,000 °C)
- Records min, max and live readings
- SATURNCIRCLE SIGHT laser pointer
- Adjustable emissivity from 0.3-1.0
- Response time 500 mSec
- Alarm On/Off and High/Low
- 35-hour continuous run-time
- High-contrast, large color LCD display with backlight
- Kit includes tool, (1) battery and a charger



CTPP861K2

CTPP861 Series Polish/Prep Tools

Specifications	CTPP861K2
Battery Type	Lithium 2.5 Ah
Battery Voltage	14.4
Charge Time, minutes	70
Spindle Thread, inches	5/16"-24 UNF
Free Speed, RPM, Low (High)	0-3,500 (0-16,000)
Height, inches (mm)	7.4/5 (190)
Length, inches (mm)	5.7/5 (146)
Warranty (battery)	1 Year
Warranty (tool and charger)	1 Year
Battery (qty)	CTB8174 (2)
Battery Charger	CTC772A
Tool Only	CTPP861DB

CE - DE, ES, FR, IT, GB, NL, JP

CTPP861K2 14.4 V MicroLithium Brushless Cordless Polish/Prep Tool Kit

- Two-speed gearbox: 3,500/15,000 RPM
- Digital variable-speed trigger for precise tool control
- Push-button spindle lock for ease of use with accessories
- 5/16"-24 UNF threads
- Cushion grip handle provides positive tool control
- Built-in gauge indicates battery charge state
- 2.5 Ah battery for extra long runtime between charges
- Kit includes tool, (2) batteries and a charger
- Includes various sanding accessories

CORDLESS: LIGHTS

Cordless Lights

CTLAR761 14.4 V MicroLithium 500 Lumen Cordless Angular Light (Tool Only)

- Variable brightness switch (0-100%) offers the ability to select the right amount of light for every situation
- Intelligent lighting control provides visual warning when light has less than 5% power remaining
- Built-in hook, (2) magnets and tether point provide maximum flexibility when attaching light to work site
- 4-hour run time at 100% brightness; 8 hours at 40%
- IP65 rated for water and dust resistance, allowing for exposure in even the toughest environments
- Battery gauge displays power remaining
- Ergonomic grip and pivoting light bar provide comfort and light where needed most
- Works with CTB8174 battery
- Battery and charger not included



CTLAR761



• Read Safety Precautions on pages W1-W3

CORDLESS: LIGHTS



CTLZ761

Flashlights

CTLZ761 14.4 V MicroLithium 200 Lumen Work Light with Laser (Tool Only)

- 200 lm output
- Low battery indicator (10 minutes)
- 4-hour run time
- Laser pointer
- Resists automotive fluids
- Impact-modified nylon housing
- Tempered-glass lens
- Works with CTB6172, CTB7172, CTB8172, CTB8172BK and CTB8174 batteries
- Battery and charger not included



CTLED861

CTLED861 14.4 V MicroLithium 500 Lumen Cordless Work Light (Tool Only)

- 500 lm output
- 120° rotating head
- 13-hour run time, with 10-minute low battery indicator
- Tempered-glass lens
- Easily adjusts from spot to flood
- Aluminum head
- Resists automotive fluids
- Impact-modified glass-filled nylon housing
- High-quality LED bulb
- Works with CTB6172, CTB7172, CTB8172, CTB8172BK and CTB8174 batteries
- Battery and charger not included



CTLED9050

Flashlights

CTLED9050 18 V MonsterLithium 800 Lumen Cordless Work Light (Tool Only)

- High output light; 800 lm
- Dual reflector system easily changes from flood to beam
- 120° rotating head
- 50,000-hour bulb life
- 11-hour run time
- Tempered glass lens resists cracking and yellowing
- Resists most automotive fluids
- Low battery light indicates when battery needs charging
- High/Low switch allows user to reduce light output 50%
- Battery and charger not included

Colors Available



Red Green Hi-Viz
G HV
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



CTLUH861

Colors Available



Red Green Hi-Viz
G HV
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Ultraviolet Flashlights

CTLUV761 14.4 V MicroLithium UV Cordless Work Light

- Detect leaks with this 14.4 V MicroLithium cordless UV Work Light
- Compatible with standard leak detection dyes
- Inspection range of 8' or more
- More than 10 hours of run-time
- Tempered-glass lens
- Resists automotive fluids
- Low battery indicator (10 minutes)
- Works great with ACTR53625 universal dye
- Includes fluorescence-enhancing glasses



CTLUV761

Underhood Lighting

CTLUH861 14.4 V MicroLithium Cordless Underhood Light (Tool Only)

- Ultra-bright 1,000 lm output
- 4-hour run time; ideal for underhood, undercarriage and over-dash applications
- Expandable 81" clamp to position light at work area
- High-impact plastic light tube and housing
- 10-minute low battery indicator
- Includes hook with peg for hanging
- Works with CTB8172, CTB8172BK and CTB8174 batteries
- Battery and charger not included



CTLU861

Shop Lights

CTLU861 14.4 V MicroLithium 700 Lumen Cordless Utility Light (Tool Only)

- 700 lm ultra-bright output
- 6-hour run time
- 60 LED bulbs
- 10-minute low battery indicator
- Hanging hook
- Multi-position switch
- Resists most automotive fluids
- Works with Snap-on® lithium batteries
- Ergonomic cushion grip for better control
- High-impact, replaceable light tube resists cracking and discoloration
- Battery and charger not included

Colors Available



Red Green Hi-Viz
G HV
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

CORDLESS: FLOODLIGHTS



CTL8850

Floodlights

CTL8850 18 V MonsterLithium 750 Lumen LED Cordless Floodlight (Tool Only)

- Super-bright four-LED light
- Compact design for versatile use
- Rotates 120° and swivels 180° to direct light to the work area
- Tempered-glass lens
- Dual brightness settings (750 and 375 lm)
- 8-hour minimum run time (high setting)
- Resists automotive fluids
- Battery and charger not included

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



CTFL9050

CTFL9050 18 V MonsterLithium 2,700 Lumen Cordless Floodlight (Tool Only)

- 18 V or 110 V dual power source
- Adjustable head allows for infinite adjustments
- Polycarbonate field-replaceable lens
- Low, medium and high settings
- 9.5 hours run time on low, 5.5 hours on medium and 2.5 hours on high
- 3.0 A USB and 2.1 A USB
- Rear-facing, red-flashing LED for roadside safety
- Large handle for easy transport
- Large front control panel for easy setting changes
- 2,700 lm output
- Sturdy wide base helps prevent tipping during use
- Rubber feet base for positive surface contact
- Battery and charger not included

CORDLESS: POWER TOOLS



CTBTSP861R

Cordless Speakers

CTBTSP861R 14.4 V MicroLithium Cordless Bluetooth® Speaker (Tool Only)

- Portable Bluetooth® connectivity up to 33' away—quality sound when and where needed
- Designed with technicians in mind, durable overmold and metal to help withstand shop environments
- Premium hi-fi sound with dual speakers for a rich quality sound experience
- Pairing feature allows an additional speaker to play simultaneously
- Harmonic distortion of .25% for crisp and clean sound
- IP54 rated resists water, automotive fluids and dust filtration
- Built-in USB output 5 V/1 A for accessory charging
- Works on Snap-on® 14.4 V battery packs
- Compatible with optional Snap-on® CTLMAGBOOT for mounting to metal surfaces
- Functions: Power, Play/Pause/USB Output, Prev/Next, Volume +/-
- Batteries and charger not included



CTBTSR9050

CTBTSR9050 18 V MonsterLithium Cordless Bluetooth® Speaker Radio (Tool Only)

- True Wireless Stereo (TWS)—pairing capable
- AM/FM radio with super tune
- Rugged structural roll cage frame design
- Powered with Snap-on® 18 V battery (not included), or 110 V AC power cord
- Two 2.1 A USB ports
- Auxiliary jack for non-Bluetooth® devices
- Integrated headphone jack
- Easy Bluetooth® pairing from up to 100' away
- Large, convenient carry handle with textured soft grip
- Easy-to-operate controls
- Incoming call feature pauses audio when call is accepted
- Power saving mode automatically puts unit in standby after five minutes of inactivity saving battery charge
- Rubber antenna prevents antenna breakage
- Batteries and charger not included



CTBTS9050

CTBTS9050 18 V MonsterLithium Cordless Bluetooth® Speaker (Tool Only)

- Powered with Snap-on® 18 V batteries or 110 V AC power cord
- Approximately 18-hour run time on fully charged 18 V battery under typical-use conditions
- Two (2) 2.1 A USB ports
- Auxiliary jack for non-Bluetooth® devices
- Integrated headphone jack
- Rugged structural roll cage-designed frame
- Easy Bluetooth® pairing up to 100'
- Large convenient carry handle with textured soft grip
- Easy-to-operate controls
- Incoming call feature pauses audio when call is accepted
- Power-saving mode automatically puts unit in standby after five minutes of inactivity, saving battery charge
- Battery and charger not included



- Please read and follow safety messages in the instructions.
- Read Safety Precautions on pages W1-W4

CORDLESS: POWER TOOLS



CTFAN9050

Cordless Fans

CTFAN9050 18 V MonsterLithium Cordless Heavy-Duty Fan (Tool Only)

- 1,500 RPM air speed on low setting, 2,500 RPM on medium and 3,000 RPM on high
- Rugged, overmolded frame
- Dual power source features 18 V battery and 110 V AC charging port
- 18 V DC three-speed BLDC motor
- 13-hour battery run time on low setting, six hours on medium and four hours on high
- Indexable fan housing with (3) 6-1/2" blades
- Propeller-style blades allow for maximum airflow
- Two integrated 2.1 A USB ports
- Oversized handle for easy carrying
- Large easy-to-read control panel
- Fan uses a standard extension cord; no special cords are required (cord not included)
- Batteries and charger not included



CTAB9050

Blowers

CTAB9050 18 V MonsterLithium Cordless Blower (Tool Only)

- Brushless motor means superior durability, longer tool life and maximum run time
- Get the job done with a maximum air speed of 100 MPH
- Maximum air volume of 450 CFM and 14,800 RPM for quick turnaround time
- 15' clearance range
- High/Low switch for proper air speed
- Balanced, lightweight design
- Run-time is approximately: High, 10 minutes; Low, 20 minutes
- Operates on 4.0 or 5.0 Ah batteries
- Built-in hook for easy hanging
- Batteries and charger not included



CTINF9050

Cordless Inflators

CTINF9050 18 V MonsterLithium Cordless Inflator (Tool Only)

- Features heavy-duty 30 mm high-volume piston compressor motor
- 35 L/min maximum flow
- Inflates standard auto tire (195/65R15) 0-40 PSI in less than four minutes
- Thermal shutoff protection circuit
- Auto shutoff and pressure reset
- Backlit LCD display
- 44" field-replaceable hose
- Dual rear-mounted 200 lm LED lights
- Rugged overmolded frame
- Target PSI preset feature
- Two integrated 2.1 Ah USB ports
- Assorted nozzle inflators included
- 120 PSI maximum working pressure
- Batteries and charger not included

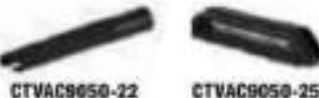


CTVAC9050A

Cordless Vacuums

CTVAC9050A 18 V MonsterLithium Cordless Vacuum (Tool Only)

- 2.5-gal wet or dry tank eliminates the need for two specialized vacuums
- Powerful 18 V motor delivers 59 CFM of volume to handle a wide range of material
- Industry-leading suction is ideal for broken glass, rocks, coins, sand and much more
- Oversize power switch is easier to use, even with gloves
- Extra long 6' hose can double in length so it can reach further into applications
- 19" extension wand helps keep you upright
- 9" crevice tool reaches the tightest spots
- 3-1 utility nozzle is 4-1/2" wide and includes a dust brush and silicone upholstery brush for pet hair
- Onboard storage for all accessories keeps productivity up
- Shielded battery port keeps debris and moisture away from the battery
- 15 minutes of run time on a 5 Ah battery charge to get the work done
- Oversized soft grip folding handle for comfort
- Batteries and charger not included



CTVAC9050-22

CTVAC9050-25



CTVAC9050-23

CTVAC9050-26



CTVAC9050-24

CTVAC9050-27

CTVAC9050-22 9" Long Crevice Tool**CTVAC9050-23 Car Nozzle (Body)****CTVAC9050-24 Pet Hair Rake Adaptor****CTVAC9050-25 Dust Brush Adaptor****CTVAC9050-26 1-1/4" Extension Wand****CTVAC9050-27 1-1/4" 6' Flexible Hose**

Memory Savers/Power Inverters

CT18850 18 V Power Inverter

- 175 W cordless inverter
- 120 V AC power
- 5 V 1 A USB output
- Overload, short circuit and battery voltage protector
- Flexible rotating head
- Protective external fuse and cooling fan
- Provides 110 V AC power anywhere

CTMS8850 18 V Cordless Memory Saver

- Provides temporary power to a vehicle to keep all presets (radio, seats, etc.) intact while the vehicle is being serviced
- Features a flexible swiveling head and protective external fuse for maximum flexibility and hassle-free use
- 4-hour run time at 12 V, 1 A; 1-hour run time at 12 V, 4 A (max output)
- 5 V, 1 A USB output
- Protective external fuse



USB Power Units

CTUSB761 14.4 V MicroLithium USB Power Unit

- Connects to battery for 5 V, 1 A output, up to two hours
- LED power indicator
- USB protective sliding cover
- Easy On/Off switch
- Use with CTB8172 and CTB8174 batteries (not included)
- Charges cell phones and other small electronic devices

CTUSB8850 Four-Port USB Device Charger

- Adaptor for 18 V MonsterLithium Ion battery pack
 - Four-Port USB charging device
 - (4) 5 V Outputs: 2 A, 1 A, .5 A, .5 A
 - LED indicator for charge state
 - Ratcheting mountable USB head
 - Eight-hour run time at 5 V/2 A with CTB8187 battery (not included)
 - Handy On/Off switch
- EEBC12000USB Battery Pack**
- Built-in flashlight
 - Charge cell phone, etc. through USB ports
 - Numerical battery power level display



CORDLESS: CHARGERS AND BATTERIES



Snap-on® Battery Packs

Stock No.	Type	Battery Voltage	Battery Style	Charge Time, minutes	Use with
CTB185	Lithium Ion	18 V 5.0 Ah	Slide-on	90	CT9010, CT9050, CT9080, CT9100, CT969050, CTC68850, CTLED6050, CDR9015, CDR5050, CTR8850A, CGG8850A, CTGR8845A, CTGR8850A, CTGR8855A, CTGR8860A, CTGR8825A, CTBF8518A
CTB1856	Lithium Ion	18 V 5.6 Ah	Slide-on	95	
CTB8174	Lithium Ion	14.4 V 2.5 Ah	Tower	70	Generic to All 14.4 V MicroLithium Product
CTB8187	Lithium Ion	18 V 5.0 Ah	Slide-on	90	Generic to All 18 V Lithium Product

CE - DE, ES, FR, IT, GB, NL, JP

CTB185 18 V 5 Ah MonsterLithium Battery with Dual Side Latches

- 18 V 5.0 Ah dual side latch battery
- No self discharge, will not lose charge when idle
- Four built in LED's indicate battery charge state
- No memory effect
- Glass filled nylon housing withstands drops
- 90 minute charge time
- Operates with CTC720, CTC123, CTC131 and CTC131A chargers
- Not compatible with 7850 and 8850 18 V family product

CTB1856 18 V 5.6 Ah MonsterLithium Battery

- 18 V 5.6 Ah dual side latch battery
- No self discharge, will not lose charge when idle
- Four built in LED's indicate battery charge state
- No memory effect
- Glass filled nylon housing withstands drops
- 95 minute charge time
- Operates with CTC720, CTC123, CTC131 and CTC131A chargers
- Not compatible with 7850 and 8850 18 V family product

CTB8174 14.4 V MicroLithium Battery

- 14.4 V 2.5 Ah high-capacity lithium battery (36 Wh)
- Weighs just 12 oz; fits 14.4 V and most 7.2 V 661 Series tools
- Fast 70-minute charge time
- No memory effect or self-discharge
- Glass-filled nylon housing for durability
- Operates on CTC772, CTC131, CTC131A and CTC123 chargers

CTB8187 18 V MonsterLithium Slide-On Battery

- 18 V 5.0 Ah high-capacity lithium battery (90 Wh)
- Fast 90-minute charge time
- Four-LED fuel gauge indicates battery and charger condition
- No memory effect or self-discharge
- Glass-filled nylon housing for durability
- Operates on CTC720, CTC123, CTC131 and CTC131A chargers



• Read Safety Instructions on pages W1-W8

CORDLESS: CHARGERS AND BATTERIES

Snap-on® Battery Chargers

Stock No.	Type	Application
CTC131A	14.4 and 18 V Dual Bay Charger	CTB7172, CTB8172, CTB8174, CTB7185, CTB8185, CTB8187, CTB186, CTB1866
CTC772A	7.2 V/14.4 V Lithium Charger	CTB6172, CTB7172, CTB8172 and CTB8174

Batteries not included.
CE - DE, ES, FR, IT, GB, NL, JP



CTC131A



CTC772A

CTC131A 14.4 and 18 V Dual Bay Charger

- Dual bay: Charges 14.4 V MicroLithium and 18 V Lithium batteries consecutively
- Integrated USB port: Charges phones and small electronic devices
- LED fuel gauge indicator: Indicates the state of the battery charge
- Low profile: Great for tool storage
- Wall mountable: Easy to hang for out-of-the-way use
- Heavy-duty cord with daisy chain plug: Allows other electronics to remain plugged in
- One year warranty
- FCC, CE, BC, Square D marked
- Batteries sold separately

CTC772A 14.4 V MicroLithium Battery Charger

- Charges all 7.2 V and 14.4 V Lithium batteries



CTCCORDA2B



CTCCORDA2C



CTCCORDA2L



CTCCORDC2C



CTCCORDC2L

Snap-on® USB Cords

CTCCORDA2B USB Cord Set A-to-B Connection

CTCCORDA2C USB Cord Set A-to-C Connection

CTCCORDA2L USB Cord Set A-to-Lightning Connection

CTCCORDC2C USB Cord Set C-to-C Connection

CTCCORDC2L USB Cord Set C-to-Lightning Connection

- 6-1/2' length allows the user to move around
- Heavy-duty internal aramid fibers for enhanced durability
- Offers extended strain relief protection from pulling and bending
- Welded metal shield design provides EMI protection
- PPE cable jacket is soft and protects against the elements
- Braided cable made with eco-friendly materials provides high friction resistance
- 2.5 A for fast charging

CORDLESS: SCREWDRIVER ACCESSORIES



CTS561 Series Screwdriver Accessories

CTEXTSET 4 pc Quick-Change Extensions Set

- Includes CTEXT6 and CTEXT12 quick change extensions plus a T15 TORX® bit (1/4" shank) and a PHILLIPS® bit (power groove hex shank)
- Ideal companion to the CTS series screwdrivers where extended reach is needed

CTEXT6 6" Quick-Change Extension

CTEXT12 12" Quick-Change Extension

- For rotary power tools
- Ideal companion to the CTS561 and CTS561CL Series screwdrivers where extended reach is needed
- Accepts all worldwide industrial standards for hex shanks
- Hardened extension directly transfers rotary power without a loss of torque
- Hex design eliminates slippage and optimizes power
- Hex lock mechanism is better than magnet styles and holds the accessories unit until released
- Maximum RPM: 2,500
- Torque rate: 167 in-lb

CTS561CHUCK 1/4" Quick-Change Keyless Drill Chuck

- 1/4" hex shank for fast changeover
- Compact size improves access and visibility of the drilling surface
- 1/4" chuck capacity provides convenience for small jobs
- 1/32–1/4" drill capacity
- Used for light duty, small holes in metal and wood

CTS561HOLSTR Holster Bit Set

- Includes PHILLIPS® bits #0, #1, #2; flat tip bits 3/16, 7/32, 1/4"; and TORX® bits T15, T25
- Attaches to a belt to keep the bits close for ready use

Power Bit Sets

CTS561BITSET 23 pc 1/4" Drive Quick-Change Bit Set (Blue-Point®)

- For use with Snap-on® cordless screwdrivers and other power drivers
- Manufactured from industrial-grade tool steel
- Includes (22) bits (all 3" long), plus a 1/4" square drive (2" long)
- Includes PHILLIPS® bits #0, #1, #2; flat tip bits 5/32", 3/16", 7/16", 1/4", 9/32"; TORX® bits T10, T15, T20, T25, T27, T30, T40; hex bits 3/32", 7/64, 1/8", 5/32", 3/16", 7/32" and 1/4" in a storage case



CTS561BITSET



GA236C

Engravers

GA236C Engraver (Blue-Point®)

- Marks all materials
- Includes 3 mm tungsten carbide tip
- Nine-position stroke adjustment to control engraving depth
- Soft-coated housing provides better comfort and handling
- Super-smooth action is ideal for precision engraving

GA236C1 Tungsten Carbide Tip (Blue-Point®)

- 3 mm tungsten carbide tip

GA236-32 Diamond Tip

- Optional heavy-duty tip



ETB1580B

Polishers

ETB1580B 7" Variable-Speed Polisher (Blue-Point®)

- Six-position speed setting allows the user to dial in the desired speed
- Soft-start trigger for increased control
- Push-button spindle lock for quick and easy pad changes
- Polishes and details autos, trucks and boats



WARNING



- Do not use power tool accessories above their maximum rated RPM.
- Read instructions before using power tools.
- Do not use bits with impact drivers.
- Read Safety Precautions on pages W3-W4.

AIR: QUICK REFERENCE CHART

Impact Wrenches

Stock No.	Drive Size, inches (mm)	Maximum Torque, ft-lb (N•m)	Free Speed, RPM	Blows Per Minute, BPM	Air Consumption, Free Speed, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Level Pressure, dB(A)	Length, inches (mm)	Weight, lb (kg)
PT1800A	1 (25)	1,800 (2,440)	5,500	900	6.7	12.4	103	15 (381)	16.1 (7.3)
PT1800AL	1 (25)	1,800 (2,440)	5,500	900	6.7	12.4	103	19 (483)	17 (7.7)
PT2500	1 (25)	2,500 (3,390)	4,600	800	6.9	12.4	103	17-1/8 (433)	30.36 (13.78)
PT2500L	1 (25)	2,500 (3,390)	4,600	800	6.9	12.4	103	24-3/8 (615)	30.36 (13.78)
AT1300B	1 (25)	2,000 (2,712)	5,000	—	10.6 (—) [305.82]	12.01	108.5	13.59 (345)	23.2 (10.5)
AT1300BLT	1 (25)	2,000 (2,712)	5,000	—	10.6 (—) [305.82]	10.66	108.5	10.53 (405)	26.9 (12.2)
AT670†	3/8 (19)	1,050 (1,423)	6,700 (F), 6,900 (R)	1,050	5.4 (46) [159]	2.44	99	8.6 (216)	7.5 (3.44)
MG1250†	3/8 (19)	1,250 (1,694)	8,200	1,050	6.4 (46) [181]	10.38	99.8	8 (203)	8.1 (3.6)
MG1260L†	3/8 (19)	1,250 (1,694)	8,200	1,050	6.4 (46) [181]	10.38	99.8	13.6 (267)	8.6 (3.90)
MG1250XL†	3/8 (19)	1,250 (1,694)	8,200	1,050	6.4 (46) [181]	10.38	99.8	14.6 (368)	9.5 (4.1)
MG1250P†	3/8 (19)	1,250 (1,694)	8,200	1,050	6.4 (46) [181]	10.38	99.8	8 (203)	8.1 (3.6)
MG725A	1/2 (13)	810 (1,096)	9,800	1,270	5.2 (37) [147]	5.1	102.5	7.7 (194)	4.8 (2.2)
MG725AL	1/2 (13)	810 (1,096)	9,800	1,270	5.2 (37) [147]	5.1	102.5	9.7 (245)	5.0 (2.3)
MG725AP	1/2 (13)	810 (1,096)	9,800	1,270	5.2 (37) [147]	5.1	102.5	7.7 (194)	4.8 (2.2)
PT850	1/2 (13)	810 (1,096)	9,200	1,270	4.1 (29.2) [—]	8.2	98.1	7.2 (183)	4.2 (1.9)
PT850L	1/2 (13)	810 (1,096)	9,200	1,270	4.1 (29.2) [—]	8.2	98.1	9.7 (24.6)	4.3 (2.0)
PT850P	1/2 (13)	810 (1,096)	9,200	1,270	4.1 (29.2) [—]	8.2	98.1	7.2 (183)	4.2 (1.9)
MG3255†	1/2 (13)	325 (440)	10,700	1,400	4 (28) [113]	4.5	99.1	6.1 (155)	2.8 (1.3)
MG3255L†	1/2 (13)	325 (440)	10,700	1,400	4 (28) [113]	4.5	99.1	7.6 (193)	2.9 (1.3)
MG3255P†	1/2 (13)	325 (440)	10,700	1,400	4 (28) [113]	4.5	99.1	6.1 (155)	2.8 (1.3)
MG3255LP†	1/2 (13)	325 (440)	10,700	1,400	4 (28) [113]	4.5	99.1	7.6 (193)	2.9 (1.3)
PT350	1/2 (13)	500 (678)	8,000	1,440	3.17 (22.8) [90]	10.8	97.5	4.95 (126)	3.2 (1.5)
AT2550	1/2 (13)	300 (406)	10,000	1,500	4.3 (—) [121.75]	—	102	4.29 (109)	2.98 (1.34)
AT5500†	1/2 (13)	550 (745)	7,400	1,200	4.2 (30) [118.9]	4.0	94	7.9 (201)	6.4 (2.9)
AT570†	1/2 (13)	570 (773)	6,900 (F), 7,000 (R)	1,050	5.0 (26) [142] (F), 5.3 (38) [150] (R)	8.08	95	7.24 (184)	4.08 (1.87)
MG325†	3/8 (10)	325 (440)	10,700	1,400	4 (28) [113]	4.5	99.1	6.1 (155)	2.8 (1.3)
PT338	3/8 (10)	500 (678)	8,000	1,440	3.17 (22.8) [90]	10.8	97.5	4.8 (122)	3 (1.38)
AT1038	3/8 (10)	180 (252)	4,150	1,950	3.7 (26.8) [104.7]	8.2	94.4	13.15 (334)	3.47 (1.574)
AT2538	3/8 (10)	275 (373)	9,000	1,500	4.3 (—) [—]	8.6	100	4.29 (109)	2.98 (1.34)
AT3701	3/8 (10)	320 (434)	9,000 (F), 9,500 (R)	1,050	4.4 (325) [123] (F), 4.7 (34) [133] (R)	3.25	92	6.3 (160)	2.62 (1.19)
AT380AT	3/8 (10)	175 (237)	8,700	1,680	3.9 (28) [111]	3.5	94	6.5 (165)	3.0 (1.35)
AT351	3/8 (10)	175 (237)	9,700	1,200	2.5 (18) [71]	3.09	95.6	7.6 (193)	2.5 (1.2)
AT235MCA†	5/8 (6)	25 (34)	13,000	2,900	1.67 (12) [47]	<2.5	90.1	6.2 (157)	1.4 (0.64)

† CE

Air Ratchets

Stock No.	Drive Size, inches (mm)	Maximum Torque, ft-lb (N•m)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Level Pressure, dB(A)	Length, inches (mm)	Weight, lb (kg)
PTR50	1/2 (13)	70 (95)	275	4.5 (32) [127]	5.2	92.8	12.1 (308)	2.9 (1.3)
PTR778	1/2 (13)	70 (95)	275	4.5 (32) [127]	5.2	92.9	14.5 (368)	3.5 (1.6)
AT709B†	1/2 (13)	—	150	3.0 (22) [85]	8.7	89	10.7 (273)	2.5 (1.14)
PTR72	3/8 (10)	70 (95)	275	4.5 (32) [127]	5.2	92.8	12.1 (308)	2.9 (1.3)
PTR748	3/8 (10)	70 (95)	275	4.5 (32) [127]	5.2	92.9	14.5 (368)	3.5 (1.6)
PTR838	3/8 (10)	35 (47)	225	1.7 (11) [48]	2.5	94	12.75 (324)	2.4 (1.1)
PTR2505†	3/8 (10)	0-35 (0-47)	225	1.7 (11) [48]	2.5	94	7.9 (199)	1.4 (0.6)
AT208A	3/8 (10)	30 (40.7)	350	3.5 (—) [99.11]	6.81	89	5.52 (139)	1.05 (0.48)
AT238A	3/8 (10)	40 (54.2)	550	2.38 (17) [57.59]	6.2	—	6.3 (160)	1.35 (0.63)
PTR2500†	1/4 (6)	0-35 (0-47)	225	1.7 (11) [48]	2.5	94	7.8 (198)	1.4 (0.6)
PTR817	1/4 (6)	35 (47)	225	1.7 (11) [48]	2.5	94	10.5 (267)	1.75 (0.80)
AT700P	3/8 (10)	45 (61)	185	3.0 (22) [85]	8.7	89	10.1 (257)	2.5 (1.14)
AT200D†	1/4 (6)	25 (34)	230	1.4 (10) [40]	3.3	85	6.7 (222)	1.1 (0.50)
AT204AT	1/4 (6)	30 (40.8)	350	3.5 (25) [99]	3.8	94	5.52 (139)	1.05 (0.48)

† CE

AIR: QUICK REFERENCE CHART

Air Hammers

Stock No.	Bore Diameter, inches (mm)	Blows Per Minute, BPM	Piston Stroke, inches (mm)	Shank Opening, inches (mm)	Air Consumption, Average, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Pressure Level, dB(A)	Length, inches (mm)	Weight, lb (kg)
PH30S0BR	3/4 (19)	2,500	3 (76)	0.401 (10.1)	2.1 (14) [59]	2.8	91.4	9.0 (228)	6.9 (2.7)
AT20S0†	3/4 (19)	3,400	2.75 (70)	0.401 (10.1)	2.5 (16) [71]	6.6	99.0	7.4 (188)	4.8 (2.1)

† CE

Drills

Stock No.	Chuck Size, inches (mm)	Rated Power, HP (kW)	Torque Range, in-lb (N*m)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Pressure Level, dB(A)	Length, inches (mm)	Weight, lb (kg)
PDR2005*	1/4" 28 (Threaded Bits)	0.45 (33)	—	4,000	3.1 (27) [100]	2.9	84	10 (254)	1.45 (65)
PDR3000A	3/8 (10)	0.45 (33)	0-30 (0-6.0)	2,500	3.5 (25) [99]	3.0	79.7	7 (178)	2.2 (1)
PDR3001†	3/8" (10)	.45 (33)	0-50 (0-6.0)	2,500	3.8 (27) [100]	3.5	83.6	7 (178)	2.2 (1)
PDR5000A	1/2 (13)	0.45 (33)	0-300 (0-34)	450	3.8 (27) [100]	0.9	82.6	8.7 (222)	3 (1.3)
PDR5001*	1/2 (13)	.45 (33)	0-300 (0-34)	450	3.8 (27) [100]	0.9	80	8.7 (222)	3 (1.3)
AT184†	5/16 (8)	0.32 (63)	—	0-1,000/0-1,800	8.4 (60) [238]	<1.0	84	7.9 (201)	3.1 (1.4)
AT3000†	3/8 (10)	0.45 (33)	0-40 (0-4.5)	1,675	3.5 (25) [95]	<2.5	82	7.6 (193)	3.2 (1.4)
AT9000†	1/2 (13)	0.45 (33)	0-100 (0-14)	490	3.8 (27) [100]	<2.5	82	9.0 (228)	3.8 (1.7)
AT811†	3/8 (10)	0.45 (33)	0-55 (0-6)	1,320	3.4 (24) [95]	<4	110	6.2 (205)	2.2 (1)
AT801MCA†	1/4 (6)	0.25 (19)	0-18 (0-2.0)	1,800	1.9 (13.6) [38.6]	<2.0	96.4	7.2 (183)	1.5 (0.68)

* CE - DE, ES, FR, IT, GB, NL, JP

† CE - DE, ES, FR, IT, GB, NL

Die Grinders

Stock No.	Collet Size, inches	Rated Power, HP (kW)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)
PTGR100†	1/4	1/3 (2)	25,000	1.7 (11) [48]	2.6	83.3	6.1 (155)	1 (0.4)
PTGR105	1/4	1/3 (2)	25,000	1.7 (11) [48]	2.89	82.4	9.8 (250)	1.4 (63)
PTGR110†	1/4	1/3 (2)	25,000	1.7 (11) [48]	4.8	85.9	5.75 (146)	1.2 (0.5)
PTGR115	1/4	1/3 (2)	25,000	1.7 (11) [48]	4.4	84.5	9.5 (241)	2.1 (0.95)
PTGR200	1/4	.5 (3)	23,000	3.2 (23) [90]	3	85.1	6.9 (175)	1.2 (0.5)
PTGR205	1/4	.5 (3)	23,000	3.2 (23) [90]	3	85.9	10.9 (277)	2.1 (0.95)
PTGR210A	1/4	.5 (3)	23,000	3.2 (23) [90]	5.2	86	6.4 (162)	1.4 (63)

† CE

Die Grinders (Blue-Point®)

Stock No.	Collet Size, inches	Rated Power, HP (kW)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)
AT105†	1/4 (6)	0.45 (33)	22,000	4 (29) [113]	<2.5	102	6.5 (165)	1.3 (0.6)
AT109†	1/4 (6)	0.2 (15)	20,000	2.1 (15) [59]	2.5	93	5.5 (140)	1.1 (0.50)
AT115†	1/4 (6)	0.45 (33)	22,000	4 (29) [113]	<2.5	95	6.5 (165)	1.3 (0.6)
AT116†	1/4 (6)	0.2 (15)	20,000	3 (15) [89]	3	90	6.5 (165)	1.1 (0.50)
AT118†	1/4 (6)	0.2 (15)	20,000	4.0 (29) [113]	2.5	93	5.5 (140)	1.1 (0.50)
AT119†	1/4 (6)	0.2 (15)	20,000	3 (15) [89]	<6.82	90	6.81 (173)	1.1 (0.50)
AT120LT	1/4 (6)	0.22 (164)	21,000	3 (22) [85]	1.83	77	11.02 (280)	1.45 (0.68)
AT120LRA†	1/4 (6)	0.45 (330)	18,000	3.3 (24) [83.4]	1.83	79	11.25 (285)	1.63 (0.74)
AT107QA†	1/8 (3)	—	75,000	1 (7) [20]	2.0	72	5.3 (135)	0.6 (0.25)
AT107ORA†	1/8 (3)	—	75,000	1 (7) [20]	2.0	72	5.9 (150)	0.6 (0.25)

† CE

Heavy-Duty Die Grinders

Stock No.	Collet Size, inches	Rated Power, HP (kW)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) (l/min)	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)
PTGR400	1/4	1.0 (6)	26,000	4.17 (30) [115]	2.1	84.7	7-1/2 (191)	1.5 (0.68)
PTGR405	1/4	1.0 (6)	23,000	4.17 (30) [115]	3.25	82.2	12.25 (311)	2.6 (1.1)
PTGR410	1/4	1.0 (6)	25,000	4.17 (30) [115]	7.9	85.2	7-1/2 (191)	1.5 (0.68)
PTGR450	1/4	1.0 (6)	12,000	4.17 (30) [115]	8.9	86.3	9.0 (228)	3.25 (1.47)

† CE



• Read and follow safety messages for each type of Air Tool on the following pages and the safety precautions on pages W1-W6.

AIR: QUICK REFERENCE CHART

Orbital and Geared Sanders

Stock No.	Pad/Disc Size, Dia., inches (mm)	Style	Rated Power, HP (kW)	Free Speed, RPM	Spindle Thread, inches	Air Consumption, Free Speed, CFM (SCFM) [l/min]	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)
PSDF4400†	6 (152)	Dual-Function	0.45	1,200	3/8	3 (22) [85]	4.7	75	11 (279)	3.7 (1.70)
PSDF4400V	6 (152)	Dual-Function	0.45	1,200	3/8	3 (22) [85]	4.7	79	11 (279)	3.7 (1.70)
PSG4409†	6 (152)	Geared (NV)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	3.7 (1.70)
PSG4409V	6 (152)	Geared (V)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	3.7 (1.70)
PSG4445†	6 (152)	Geared (NV)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	3.7 (1.70)
PSG4445V	6 (152)	Geared (V)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	3.7 (1.70)
PSG4809†	8 (203)	Geared (NV)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	4 (1.82)
PSG4845†	8 (203)	Geared (NV)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	4 (1.82)
PSG4845V	8 (203)	Geared (V)	0.42 (33)	1,000	3/8	3 (21.7) [85]	5.9	80	11 (279)	4 (1.82)
PSD4512†	5 (127)	Orbital	25 (19)	12,000	5/16"-24	2 (14) [57]	2.1	74.9	6 (152)	1.8 (82)
PSD4525†	5 (127)	Orbital	25 (19)	12,000	1/4"-20	2 (14) [57]	2.3	75.3	6 (152)	1.8 (82)
PSD4612†	6 (152)	Orbital	25 (19)	12,000	1/4"-20	2 (14) [57]	2.1	74.9	6.5 (165)	1.8 (82)
PSD4612V†	6 (152)	Orbital	25 (19)	12,000	1/4"-20	2 (14) [57]	2.1	74.9	6.5 (165)	1.8 (82)
PSD4625†	6 (152)	Orbital	25 (19)	12,000	1/4"-20	2 (14) [57]	2.3	75.3	6.5 (165)	1.8 (82)
PSD4625V	6 (152)	Orbital	25 (19)	12,000	1/4"-20	2 (14) [57]	2.3	75.3	6.5 (165)	1.8 (82)
PSDF4312†	3 (76)	Orbital	25 (19)	12,000	5/16"-24	2 (14) [57]	2.1	74.9	6 (152)	1.7 (77)
PSDF4612	6 (152)	Orbital	25 (19)	12,000	1/4"-20	2 (14) [57]	2.1	74.9	6.5 (165)	1.8 (82)
AT401MCA	3 (76)	Micro Surface Prep	0.25 (19)	15,000	1/4"-20	2.1 (15) [59]	<2.5	84	4.7 (119)	0.97 (0.44)
AT402MCA	3 (76)	Micro Sander	0.25 (19)	15,000	5/16"-24 UNF	2.1 (15) [59]	<2.5	84	6.2 (153)	1.1 (0.50)
AT403MCA	3 (76)	Micro Polisher	0.25 (19)	6,000	5/16"-24 UNF	2.2 (16) [62]	<2.5	86	6.6 (143)	1.3 (0.60)
AT404C	6 (152)	Orbital	25 (19)	12,000	5/16"-24	2.5 (18) [71]	2.8	85	8.6 (219)	1.5 (0.7)
AT408	8 (203)	Geared (NV)	0.5 (37)	850	5/16"-24	5 (36) [142]	3.7	87	11 (279)	4.8 (2.18)
AT411A	6 (152)	Dual Action	0.5 (37)	10,000	5/16"-18 UNC	5 (36) [142]	3.7	79	8 (203)	4.7 (2.14)
AT425R	5 (127)	Reversible Hi-Speed	0.45 (33)	13,000	7/16"-20 UNC	4.3 (31) [122]	<0.8	85	5.3 (135)	3.8 (1.26)

† CE

Cut-Off Tools

Stock No.	Wheel Size, inches (mm)	Rated Power, HP (kW)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) [l/min]	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)
PTC250†	3 (76)	0.5 (37)	23,000	3.2 (23) [90]	6	86.1	7.2 (183)	1.6 (73)
PTC430†	3 (76)	1.0 (75)	25,000	4.17 (23) [90]	6.92	87	7-1/2 (191)	1.9 (86)
PTC490†	4 (102)	1.0 (75)	12,000	4.17 (23) [90]	3.41	87.8	9.3 (236)	3 (1.3)
AT154RA*	4 (102)	0.7 (0.5)	13,000	3.1 (22) [87]	3.07	85	14.3 (366)	3.3 (1.5)
AT157R	3 (76)	0.45 (33)	20,000	3.5 (25) [99]	<3.8	100	7.3 (185)	1.9 (86)
AT153†	3 (76)	0.5 (0.37)	17,000	3.5 (24) [99.1]	<2.86	85	7.3 (185)	3.3 (1.5)

† CE

Reciprocating Saws

Stock No.	Free Speed, SPM	Air Consumption, Free Speed, CFM (SCFM) [l/min]	Vibration Level, m/s ²	Sound Pressure Level, dB(A)	Length, inches (mm)	Weight, lb (kg)
PTR51000	9,000	2.4 (15) [—]	10.0	87.2	6.5 (215)	1.6 (0.73)
AT192A	11,000	1.0 (7) [28]	10.1	94.0	9.3 (235)	1.75 (0.80)
AT194A	8,250	0.7 (5) [26]	<6.6	87.0	9.7 (170)	1 (0.45)

† CE

AIR: 1" DRIVE IMPACT WRENCHES



1" Drive Heavy-Duty Impact Wrenches

Specifications	PT1800A	PT1800AL	PT2500	PT2500L
Drive Size, inches (mm)	1 (25)	1 (25)	1 (25)	1 (25)
Maximum Torque, ft-lb (N•m)	1,800 (2,440)	1,800 (2,440)	2,500 (3,380)	2,500 (3,380)
Working Torque, ft-lb	500-1,200	500-1,200	500-2,100	500-2,100
Free Speed, RPM	8,500	8,500	4,800	4,800
Blows Per Minute	800	800	800	800
Extended Anvil Length, inches (mm)	—	6 (152)	—	6 (203)
Anvil Type	Friction Ring w/ Thru Hole	Friction Ring w/ Thru Hole	Friction Ring w/ Thru Hole	Friction Ring w/ Thru Hole
Air Consumption, CFM	6.7	6.7	6.5	6.9
Air Inlet Thread Size, inches (NPT)	1/2 (14)	1/2 (14)	1/2 (14)	1/2 (14)
Recommended Hose Size, inches (mm)	1/2 (13)	1/2 (13)	1/2 (13)	1/2 (13)
Vibration Level, m/s ²	12.4	12.4	12.4	12.4
Sound Level Pressure, dB(A)	103	103	103	103
Length, inches (mm)	15 (381)	19 (483)	17-1/8 (433)	24-3/8 (615)
Weight, lb (kg)	16.1 (7.3)	17 (7.7)	30.36 (13.76)	30.36 (13.76)

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach.

CE - DE, ES, FR, IT, GB, NL, JP

PT1800A 1" Heavy-Duty Impact Wrench

- Lightweight design (16 lb)
- Powerful 1,800 ft-lb of torque output
- Three-speed forward and full-power reverse
- Padded ergonomic side handle for comfortable use
- Rubber nose bumper for tool durability and work piece protection
- Side-directed (reversible) exhaust for cleaner work
- Hard-hitting and durable twin hammer impact mechanism

PT1800AL 1" Heavy-Duty Long Anvil Impact Wrench

PT2500 1" Heavy-Duty Impact Wrench

- Twin hammer for durability
- Powerful 2,500 ft-lb of torque output
- 3-speed forward and full power reverse
- Padded ergonomic side handle for comfortable use
- Aluminum housing

PT2500L 1" Heavy-Duty 8" Long Anvil Impact Wrench

AIR: 1" DRIVE IMPACT WRENCHES (Blue Point®)

1" Drive Heavy-Duty (Blue-Point®)

EU/CE - DE, ES, FR, IT, NL, UK (all models)

Specifications	AT1300B	AT1300BL
Drive Size, inches (mm)	1 (25)	1 (25)
Maximum Torque, ft-lb (N•m)	2,000 (2,712)	2,000 (2,712)
Free Speed, RPM	5,000	5,000
Anvil Type	Friction Ring w/ Thru Hole	Friction Ring w/ Thru Hole
Air Consumption, Free Speed, CFM (SCFM) [l/min]	10.6 (—) [305.62]	10.6 (—) [305.62]
Air Inlet Thread Size, inches (NPT)	1/2 (14)	1/2 (14)
Recommended Hose Size, inches (mm)	1/2 (13)	1/2 (13)
Vibration Level, m/s ²	12.61	10.66
Sound Level dB(A) Pressure	108.9	108.9
Length, inches (mm)	11.59 (345)	19.53 (495)
Weight, lb (kg)	23.2 (10.5)	26.9 (12.2)

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach.

CE - DE, ES, FR, IT, GB, NL

1" Drive Long Anvil Air Impact Wrench (Blue-Point®)

- Durable and powerful pin-less clutch mechanism
- Ergonomic housing design with a steel protector ring
- High-performance motor maximizes output torque
- Side-mounted handle for better operator control
- Optional internal/external trigger set
- Three forward and three reverse speeds
- One year warranty



AT1300B



AT1300BL

WARNING



- Use only impact sockets and accessories with impact wrenches.
- Avoid prolonged exposure to vibration.
- Read and follow safety messages for each type of Air Tool on following pages and the safety instructions on pages 161-164.

AIR: 3/4" DRIVE IMPACT WRENCHES



MG1250

3" Long Anvil
(L)6" Extra-Long
Anvil (XL)Thru-Hole
Anvil (P)**MG1250 3/4" Drive Heavy-Duty Air Impact Wrench**

- 1,250 ft-lb of torque output removes tough fasteners
- Six-vane rotor for faster motor start-ups
- Twin-hammer impact mechanism and sealed-in oil bath lubrication provide durability and a longer tool life
- Lightweight one-piece housing cuts tool weight to a mere 8.1 lb for superior control and less user fatigue
- Anvil stops with release of trigger to prevent throwing sockets and fasteners
- One-handed reverse button for easy operation

3/4" Drive Super-Duty

Specifications	MG1250
Drive Size, inches (mm)	3/4 (19)
Maximum Torque, ft-lb (N·m)	1,250 (1,684)
Blows Per Minute, BPM	1,050
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	6.4 (46) [181]
Air Inlet Thread Size, inches (NPT)	3/8 (16)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	10.38
Sound Level dB(A) Pressure	91.3
Length, inches (mm)	8 (203)
Weight, lb (kg)	8.1 (3.6)
Visyl Boot	MG1200BOOT

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach. CE - DE, ES, FR, IT, GB, NL, JP

MG1250L 3/4" Drive Heavy-Duty Long Anvil Magnesium Air Impact Wrench**MG1250XL 3/4" Drive Heavy-Duty Extra-Long Anvil Magnesium Air Impact Wrench****MG1250P 3/4" Drive Heavy-Duty Pinned Anvil Magnesium Air Impact Wrench**

AIR: 3/4" DRIVE IMPACT WRENCHES (Blue Point®)



AT670



6" Long Anvil (L)

AT670 3/4" Drive Impact Wrench (Blue-Point®)

- Lightweight composite housing with an aluminum nose
- Three-position thumb-operated forward/reverse lever
- Exhaust is released through the bottom of the handle, away from the work area
- Twin-hammer mechanism

AT670L 3/4" Drive Long Anvil Impact Wrench

3/4" Drive Heavy-Duty (Blue-Point®)

Specifications	AT670
Drive Size, inches (mm)	3/4 (19)
Maximum Torque, ft-lb (N·m)	1,350 (1,423)
Free Speed, RPM	6,700 (F), 6,900 (R)
Blows Per Minute, BPM	1,050
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	5.5 (40) [159]
Air Inlet Thread Size, inches (NPT)	3/8 (16)
Recommended Hose Size, inches (mm)	3/8 (10) (10 min.)
Vibration Level, m/s ²	2.44
Sound Pressure Level, dB(A)	99
Length, inches (mm)	8.5 (215)
Weight, lb (kg)	7.5 (3.44)

AIR: 1/2" DRIVE IMPACT WRENCHES

1/2" Drive Heavy-Duty Impact Wrench

Specifications	MG725A
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	810 (1,098)
Free Speed, RPM	9,100
Blows Per Minute, BPM	1,270
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) (l/min)	5.2 (37) [147]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	5.1
Sound Level dB(A) Pressure	102.5
Length, inches (mm)	7.7 (194)
Weight, lb (kg)	4.8 (2.2)
Vinyl Boot	MG725B00T

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach
 CE - DE, ES, FR, IT, GB, NL, JP

MG725A 1/2" Drive Heavy-Duty Air Impact Wrench

- 1,190 ft-lb (1,613 N•m) bolt breakaway torque and 810 ft-lb (1,098 N•m) working torque
- Faster motor start-up and greater performance with more torque than previous model
- Balanced design for superior control with less user fatigue
- Patented cushion grip handle reduces vibration
- Patented cushion grip tip valve trigger provides comfort and greater tool control
- Anvil stops with release of the trigger to prevent throwing fasteners
- Easy turn regulator for convenient speed control

1/2" Drive Impact Wrenches

Specifications	PT850
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	810 (1,098)
Free Speed, RPM	9,200
Blows Per Minute, BPM	1,270
Air Consumption, CFM	4.1 (29.2) [-]
Anvil Type	Friction Ring
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Air Supply Hose Size, inches (mm) ID	3/8 (9.5)
Sound Power Level, dB(A)	100.7
Sound Level Pressure, dB(A)	98.1
Height, inches (mm)	7.5 (191)
Vibration Level, m/s ²	8.2
Length, inches (mm)	7.2 (183)
Weight, lb (kg)	4.2 (1.9)

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach
 CE - DE, ES, FR, IT, NL, JP

PT850 1/2" Drive Air Impact Wrench

- 1,190 ft-lb (1,613 N•m) bolt breakaway torque and 810 ft-lb (1,098 N•m) working torque
- 1,270 BPM and 9,200 RPM free speed for faster bolt removal
- Forged anvil, frame and hammers for a long tool life
- Cushion grip handle absorbs vibration and insulates the user's hand in cold temperatures



MG725A

Colors Available



Red Green Hi-Viz
 G HV
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



Pinned Anvil (P)



Long Pinned Anvil (LP)



Long Anvil (L)

- Weighs 4.8 lb (2.2 kg)
- Twin hammer impact mechanism is durable and hard hitting
- Sealed in oil bath lubrication with Red Line Synthetic Oil always keeps impact mechanism lubricated for less wear
- Two-year warranty
- For the toughest jobs, choose the maximum power of the MG725A.

MG725AL 1/2" Drive Heavy-Duty Long Anvil Air Impact Wrench

MG725AP 1/2" Drive Heavy-Duty Pinned Anvil Air Impact Wrench



PT850

Colors Available



Red Green Hi-Viz
 G HV
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

- Balanced ergonomic design and slow anvil start-up for greater tool control
- One-handed forward/reverse lever for user convenience
- Large dial type regulator knob

PT850L 1/2" Drive Air Impact (Long Anvil)

PT850P 1/2" Drive Air Impact (Pinned Anvil)



- Use only impact sockets and accessories with impact wrenches.
- Read Safety Precautions on page 91-94.

AIR: 1/2" DRIVE IMPACT WRENCHES



MG3255

Colors Available



Red Green Hi-Viz
G HV
ADD SUFFIX TO STOCK NUMBER
FOR SPECIAL COLORS.

Pinned
Anvil (P)Long Pinned
Anvil (LP)Long
Anvil (L)**MG3255 1/2" Drive Air Impact Wrench**

- Compact design for easier access
- Balanced lightweight housing provides superior control with less user fatigue
- 425 ft-lb bolt breakaway torque to remove stubborn fasteners
- 10,700 RPM for faster bolt removal
- One-piece machined magnesium housing for precise internal component alignment to reduce vibration
- Anvil stop feature means anvil will stop when the trigger is released to avoid throwing fasteners
- Comfort cushion trigger button allows the user to work comfortably with less finger stress
- Patented field-replaceable cushion grip handle absorbs vibration and insulates the user's hand in cold temperatures



PT350

Colors Available



Red Green Hi-Viz
G HV
ADD SUFFIX TO STOCK NUMBER
FOR SPECIAL COLORS.

PT350 1/2" Drive Stubby Air Impact Wrench

- 775 ft-lb (1,017 N•m) bolt breakaway torque and 500 ft-lb (678 N•m) working torque
- Compact design for easier access into tight spaces
- Features a jumbo hammer for added durability
- Ergonomic, lightweight glass-filled nylon housing for less user fatigue

1/2" Drive Impact Wrenches

Specifications	MG3255
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	325 (440)
Free Speed, RPM	10,700
Blows Per Minute, BPM	1,400
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (28) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (3)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	4.5
Sound Pressure Level, dB(A)	99.1
Length, inches (mm)	6.1 (155)
Weight, lb (kg)	2.6 (1.3)
Vinyl Boot	MG325BOOT
Warranty	2 Year

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for light applications that require extra reach
CE - DE, ES, FR, IT, GB, NL

- Continuous oil bath lubrication prolongs tool life by reducing premature component wear
- Eight-vane motor delivers maximum speed and torque
- Twin-hammer impact mechanism delivers hard-hitting blows with fewer moving parts, quickly removing stubborn fasteners
- One-handed forward/reverse lever for user convenience
- Protective boot and muffler kit are included
- Two-year warranty

MG3255L 1/2" Drive Long Anvil Air Impact Wrench**MG3255LP 1/2" Drive Long Pinned Anvil****Air Impact Wrench****MG3255P 1/2" Drive Pinned Anvil Air Impact Wrench**

1/2" Drive Impact Wrenches

Specifications	PT350
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	500 (678)
Free Speed, RPM	8,000
Blows Per Minute, BPM	1,440
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.17 (22.6) [93]
Air Inlet Thread Size, inches (NPT)	1/4 (3)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	10.0
Sound Pressure Level, dB(A)	97.5
Length, inches (mm)	4.95 (126)
Weight, lb (kg)	3.2 (1.5)
Vinyl Boot	PT338BOOT
Warranty	2 Year

CE - DE, ES, FR, IT, GB, NL, JP

- Patent-pending variable speed control
- Patent-pending reversing valve prevents corrosion
- Anvil stops with release of the trigger to prevent throwing fasteners
- Continuous oil bath lubrication prolongs tool life by reducing premature component wear
- Includes protective boot and muffler kit

AIR: 1/2" DRIVE IMPACT WRENCHES (Blue-Point®)



AT2550



AT5500



AT570

1/2" Drive Impact Wrench (Blue-Point®)

Specifications	AT2550	AT5500	AT570
Drive Size, inches (mm)	1/2 (13)	1/2 (13)	1/2 (13)
Maximum Torque, ft-lb (N•m)	300 (408)	550 (745)	570 (773)
Free Speed, RPM	10,000	7,400	8,900 (F), 7,000 (R)
Blows Per Minute, BPM	1,500	1,200	1,080
Anvil Type	Friction Ring	Friction Ring	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.3 (—) [121.78]	4.2 (30) [118.0]	5.0 (36) [142] (F), 5.3 (38) [150] (R)
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	—	4.0	8.08
Sound Level dBA (Pressure)	92	94	95
Length, inches (mm)	4.29 (109)	7.0 (201)	7.24 (184)
Weight, lb (kg)	2.08 (1.34)	6.4 (2.9)	4.08 (1.87)
Vinyl Boot	—	AT5500BOOT	AT570BOOT

CE - DE, ES, FR, IT, NL

AT2550 1/2" Drive Compact Impact Wrench (Blue-Point®)

- 300 ft-lb of torque
- Jumbo hammer mechanism
- Thumb-operated forward/reverse lever
- Three forward speeds and one reverse speed
- Exhaust is released through the bottom of the handle, away from the work area
- One year limited warranty

AT5500 1/2" Drive Impact Wrench (Blue-Point®)

- 550 ft-lb of torque, 7,400 RPM, 1,200 BPM
- Built-in five-position adjustable air regulator plus a variable-speed trigger for maximum user control
- Twin-hammer impact mechanism is designed to hit hard yet offer tool longevity
- Ball-bearing-mounted motor creates a smooth running operation for longer tool life
- 1 pc aluminum housing provides a durable tool
- Tapered nose increases accessibility to confined areas
- Inlet filter screens out dirt and grit; easy-to-remove filter for cleaning
- One year limited warranty

AT570 1/2" Drive Air Impact Wrench (Blue-Point®)

- Used on automotive and truck fasteners
- Shot-peen anvils for improved durability
- Reverse-bias motor provides additional torque
- Three-position regulator to control power
- One-handed forward/reverse lever for user convenience
- Composite housing with an aluminum nose combine to deliver a durable, lightweight and balanced unit
- Twin-hammer impact mechanism delivers hard-hitting blows to quickly remove stubborn fasteners

1/4" Drive (Blue-Point®)

Specifications	AT235MCA
Drive Size, inches (mm)	1/4 (6)
Maximum Torque, ft-lb (N•m)	25 (34)
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1.67 (12) [47]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Blows Per Minute, BPM	2,900
Free Speed, RPM	12,000
Recommended Hose Size, inches (mm)	3/8 (10) ID min.
Sound Pressure Level, dBA	85.1
Vibration Level, m/s ²	<2.5
Length, inches (mm)	6.2 (157)
Weight, lb (kg)	1.4 (0.64)

AT235MCA 1/4" Drive Micro Impact Wrench (Blue-Point®)

- 25 ft-lb of torque
- Balanced, lightweight, reduces fatigue
- Durable composite housing
- Oversized trigger with variable-speed
- Convenient one-handed forward/reverse lever
- Exhaust is released through the bottom of the handle, away from the work area



AT235MCA



- The only impact sockets and accessories with impact wrenches.
- Read Safety Precautions on pages W1-W4

AIR: 3/8" DRIVE IMPACT WRENCHES



MG325

3/8" Drive Super-Duty Impact Wrench

Specifications	MG325
Drive Size, inches (mm)	3/8 (10)
Maximum Torque, ft-lb (N•m)	325 (440)
Free Speed, RPM	10,700
Blows Per Minute, BPM	1,400
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (20) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	4.5
Sound Pressure Level, dB(A)	99.1
Length, inches (mm)	6.1 (155)
Weight, lb (kg)	2.8 (1.3)
Vinyl Boot	MG325BOOT

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach
 C € · DE, ES, FR, IT, GB, NL

MG325 3/8" Drive Air Impact Wrench

- Compact size and slim-style nose is great for working in tight spaces
- Balanced lightweight housing provides superior control with less user fatigue
- 425 ft-lb (576 N•m) bolt breakaway torque and 325 ft-lb (440 N•m) working torque
- 10,700 RPM for faster bolt removal
- One-piece machined magnesium housing for precise internal component alignment to reduce vibration
- Anvil stop feature means anvil will stop when the trigger is released to avoid throwing fasteners
- Comfort cushion trigger button allows the user to work comfortably with less finger stress
- Patented field-replaceable cushion grip handle absorbs vibration and insulates the user's hand in cold temperatures
- Continuous oil bath lubrication prolongs tool life by reducing premature component wear
- Eight-vane motor delivers maximum speed and torque
- Twin-hammer impact mechanism delivers hard-hitting blows with fewer moving parts, quickly removing stubborn fasteners
- One-handed forward/reverse lever for user convenience
- Protective boot and muffler kit are included
- Two-year warranty

Colors Available



Red Green Hi-Viz
 G HV
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



PT338

3/8" Drive Super-Duty Impact Wrench

Specifications	PT338
Drive Size, inches (mm)	3/8 (10)
Maximum Torque, ft-lb (N•m)	500 (678)
Free Speed, RPM	8,000
Blows Per Minute, BPM	1,440
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.17 (22.6) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	10.0
Sound Pressure Level, dB(A)	97.5
Length, inches (mm)	4.8 (122)
Weight, lb (kg)	3 (1.38)
Vinyl Boot	PT338BOOT

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach
 C € · DE, ES, FR, IT, GB, NL

PT338 3/8" Drive Stubby Air Impact Wrench

- 500 ft-lb (678 N•m) of working torque
- 770 ft-lb (950 N•m) bolt breakaway torque
- Compact design for greater access in tight spaces
- Ergonomic, lightweight glass-filled nylon housing for less user fatigue
- Features a jumbo hammer for added durability
- Patent-pending variable speed control
- Patent-pending reversing valve prevents corrosion
- Anvil stops with release of the trigger to prevent throwing fasteners
- Continuous oil bath lubrication prolongs life of the tool by reducing premature component wear
- Includes protective boot

Colors Available



Red Green Hi-Viz
 G HV
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

AIR: 3/8" DRIVE IMPACT WRENCHES (Blue-Point®)



AT1038



AT2538



AT370



AT380A



AT351

3/8" Drive Heavy-Duty (Blue-Point®)

Specifications	AT1038	AT2538	AT370	AT380A	AT351
Drive Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Maximum Torque, ft-lb (N·m)	180 (257)	275 (373)	320 (434)	175 (230)	175 (237)
Free Speed, RPM	4,150	9,000	9,000 (F), 9,500 (R)	8,700	9,700
Blows Per Minute, BPM	1,350	1,500	1,050	1,680	1,200
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.7 (26.6) [104.7]	4.3 (—) [—]	4.4 (32.6) [125] (F), 4.7 (34) [133] (R)	3.9 (28) [111]	2.5 (18) [71]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	—	—	3/8 (10)	3/8 (10)	3/8 (10) ID min.
Vibration Level, m/s ²	0.2	0.6	1.25	1.5	1.09
Sound Level d(BA) Pressure	94.4	100	92	94	96.8
Length, inches (mm)	11.15 (334)	4.29 (108)	6.31 (160)	6.5 (165)	7.5 (193)
Weight, lb (kg)	3.47 (1.574)	2.96 (1.34)	2.62 (1.19)	3.0 (1.36)	2.5 (1.2)
Vinyl Boot	—	—	AT370BOOT	AT380ABOOT	—

CE - DE, ES, FR, IT, GB, NL

AT1038 3/8" Drive Right Angle Impact Wrench (Blue-Point®)

- Low-profile right-angle head for access to tight spaces
- Hard-hitting jumbo hammer mechanism
- Multiple speed settings—two forward and one reverse
- Forward/reverse lockout mechanism
- Variable-speed trigger
- Gear oil lubrication for reduced component wear and longer tool life
- One year limited warranty

AT2538 3/8" Drive Compact Air Impact Wrench (Blue-Point®)

- 275 ft-lb of torque
- Jumbo hammer mechanism
- Thumb-operated forward/reverse lever
- Three forward speeds and one reverse
- Exhaust is released through the bottom of the handle, away from the work area
- One year warranty

AT370 3/8" Drive Impact Wrench (Blue-Point®)

- Used on automotive and truck fasteners
- Shot-peen anvils for improved durability
- Reverse-bias motor provides additional breakaway torque
- Three-position regulator to control power
- One-handed forward/reverse lever for convenient use
- Composite housing with an aluminum nose combine to deliver a durable, lightweight and balanced unit
- Twin-hammer impact mechanism delivers hard-hitting blows to quickly remove stubborn fasteners

AT380A 3/8" Drive Impact Wrench (Blue-Point®)

- Built-in, five-position adjustable air regulator plus a variable-speed trigger for maximum user control
- Aluminum housing provides a lightweight yet durable tool
- Tapered nose increases accessibility to confined areas
- Ball-bearing-mounted motor creates a smooth-running operation for less user fatigue
- Brass inlet filter screens out dirt and grit; easy-to-remove filter for cleaning
- Twin-hammer impact mechanism is designed to hit hard yet offer tool longevity
- One year limited warranty

AT351 3/8" Drive Impact Wrench (Blue-Point®)

- Built-in air inlet swivel
- Eight-position power regulator
- Rotary action air motor is ball bearing mounted for balance, speed and power
- Ideal tool for small engine repair and bench work



- Use only impact sockets and accessories with impact wrenches.
- Avoid prolonged exposure to vibration.
- Read Safety Precautions on pages W1-W4.

AIR: 1/2", 3/8" DRIVE RATCHETS



PTR50



PTR768



PTR72



PTR778

Air Ratchets

Specifications	PTR50	PTR72*	PTR768	PTR778
Drive Size, inches (mm)	1/2 (13)	3/8 (10)	3/8 (10)	1/2 (13)
Maximum Torque, ft-lb (N•m)	70 (95)	70 (95)	70 (95)	70 (95)
Air Consumption, Free Speed, CFM (SCFM) (l/min)	4.5 (32) [127]	4.5 (32) [127]	4.5 (32) [127]	4.5 (32) [127]
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	5.2	5.2	5.2	5.2
Sound Level dB(A) Pressure	92.9	92.9	92.9	92.9
Length, inches (mm)	12.1 (308)	12.1 (308)	14.5 (368)	14.5 (368)
Vinyl Boot	YAB89 (included)	YAB89 (included)	YAB89 (included)	YAB89 (included)
Warranty	2 Year	2 Year	2 Year	2 Year

CE - DE, ES, FR, IT, GB, NL, JP

PTR50 1/2" Drive Super-Duty Air Ratchet

- 70 ft-lb of torque output to remove stubborn fasteners
- Easily withstands 158 ft-lb of manual torque
- 275 RPM free speed for fast removal and installation of fasteners
- "Stop lock" pins prevent ratchet pawl lockup
- Steel wear bushings reduce ratchet head wear
- Dual-pawls for added strength
- Tip valve-style trigger is easy to feather for greater control
- Large selector knob for easy direction change
- Adjustable composite exhaust directs the airflow away from work
- Cushion grip for added comfort and control

PTR72 3/8" Drive Super-Duty Air Ratchet

- 70 ft-lb of torque output removes stubborn fasteners
- Easily withstands 158 ft-lb of manual torque
- 275 RPM free speed for quick fastener removal and installation
- "Stop lock" pins prevent ratchet pawl lockup
- Steel wear bushings reduce ratchet head wear
- Dual-pawls for added strength
- Tip valve-style trigger is easy to feather for greater control
- Large selector knob for easy direction change
- Adjustable composite exhaust directs the airflow away from work
- Cushion grip for added comfort and control

PTR768 3/8" Drive Long-Neck Air Ratchet

- 70 ft-lb of torque handles the big jobs
- 158 ft-lb of manual torque to loosen rusty fasteners
- 275 RPM reduces fastener removal time
- 14-1/2" long for access
- Cushion grip handle for positive tool control
- Dual pawls for added strength
- Stop lock pins prevent ratchet lock up
- Steel wear bushing reduces ratchet head wear
- Tip valve trigger for featherability

PTR778 1/2" Drive Long-Neck Air Ratchet

- 70 ft-lb of torque handles the big jobs
- 158 ft-lb of manual torque to loosen rusty fasteners
- 275 RPM reduces fastener removal time
- 14-1/2" long for access
- Cushion grip handle for positive tool control
- Dual pawls for added strength
- Stop lock pins prevent ratchet lock up
- Steel wear bushing reduces ratchet head wear
- Tip valve trigger for featherability

Colors Available



* Red Green Hi-Viz

* G JW

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

AIR: 1/4", 3/8" DRIVE RATCHETS



PTR2500



PTR838



PTR2505



PTR817

Air Ratchets

Specifications	PTR2500	PTR2505	PTR838	PTR817
Drive Size, inches (mm)	1/4 (6)	3/8 (10)	3/8 (10)	1/4 (6)
Maximum Torque, ft-lb (N•m)	0-35 (0-47)	0-35 (0-47)	35 (47)	35 (47)
Air Pressure Working, PSI (kPa)	90 (620)	90 (620)	90 (620)	90 (620)
Air Consumption, Free Speed, CFM (SCFM) (l/min)	1.7 (11) (48)	1.7 (11) (48)	1.7 (11) (48)	1.7 (11) (48)
Torque Range, ft-lb (N•m)	0-35 (0-47)	0-35 (0-47)	0-35 (0-47)	0-35 (0-47)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	—
Vibration Level, m/s ²	2.5	2.5	2.5	2.5
Sound Level dBA Pressure	84	84	84	84
Length, inches (mm)	7.8 (198)	7.8 (198)	12.75 (324)	10.5 (267)
Vinyl Boot	YA905 (included)	YA905 (included)	YA889 (included)	YA889 (included)
Warranty	1 Year	1 Year	1 Year	1 Year

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PTR2500 1/4" Drive Mini Air Ratchet

- 225 RPM free speed in a compact size for greater access to tight spaces
- Balanced, lightweight housing for superior comfort and control with less user fatigue
- Large forward/reverse knob makes it easy to switch directions, even with greasy hands
- Soft grip handle provides increased comfort and insulation from the cold, while reducing vibration
- Zerk fitting allows the ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start-ups

PTR2505 3/8" Drive Mini Air Ratchet

- Balanced lightweight housing for superior comfort and control with less user fatigue
- Soft grip handle provides increased comfort while reducing vibration and insulating from the cold
- Large forward/reverse knob makes it easy to switch directions even with greasy hands
- Zerk fitting allows ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start ups

PTR838 3/8" Drive Long-Neck Air Ratchet

- Long neck ratchet with extra-long reach for those hard-to-reach fasteners
- Soft grip handle provides increased comfort and insulation from the cold while reducing vibration
- Larger forward/reverse knob makes it easy to switch directions even with greasy hands
- Zerk fitting allows ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start-ups
- Balanced lightweight housing for superior comfort and control with less user fatigue
- Manual torque load of 46 ft-lb

PTR817 1/4" Drive Long-Neck Air Ratchet

- Extra-long reach to access hard-to-reach fasteners
- Soft grip handle provides increased comfort and insulation from the cold, while reducing vibration
- Large forward/reverse knob makes it easy to switch directions, even with greasy hands
- Zerk fitting allows ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start-ups
- Balanced, lightweight housing for superior comfort and control with less user fatigue
- Withstands 46 ft-lb of manual torque

Colors Available



Red Green Hi-Viz

G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

WARNING



- Use only impact sockets and accessories with air ratchets.
- Read Safety Precautions on pages W3-W6.

AIR: 1/2" DRIVE RATCHETS (Blue Point®)



AT200D



AT204A



AT208A



AT238A



AT700F



AT705B

Air Ratchets (Blue-Point®)

Specifications	AT200D	AT204A	AT208A	AT238A	AT700F	AT705B
Drive Size, inches (mm)	1/4 (6)	1/4 (6)	3/8 (10)	3/8 (10)	3/8 (10)	1/2 (13)
Torque Range, ft-lb (N·m)	5-25 (6-34)	3-30 (0-40.8)	0-30 (0-40.8)	0-40 (0-54.2)	5-45 (6-61)	5-50 (6-68)
Free Speed, RPM	230	350	350	550	365	150
Air Consumption, Free Speed, CFM (SCFM) (l/min)	1.4 (10) (46)	3.5 (25) (99)	3.5 (-) (99.1)	2.38 (17) (87.39)	3.0 (22) (80)	3.0 (22) (80)
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	3/4 (18)
Recommended Air Pressure, PSIG (kPa)	90 (620)	90 (620)	90 (620)	90 (620)	90 (620)	90 (620)
Vibration Level, m/s ²	3.3	3.6	5.81	6.2	8.7	8.7
Sound Level dBA (Pressure)	85	94	89	—	89	89
Length, inches (mm)	6.7 (222)	5.12 (130)	5.12 (130)	8.3 (160)	10.1 (257)	10.7 (273)
Weight, lb (kg)	1.1 (50)	1.05 (48)	1.05 (0.48)	1.39 (0.63)	2.5 (1.14)	2.5 (1.14)
Vinyl Boot	AT200D22A	AT238-36	AT238-36	AT238-36	AT700E49A	AT700E49A

CE - DE, ES, FR, IT, GB, NL

AT200D 1/4" Drive Air Ratchet (Blue-Point®)

- 20 ft-lb maximum torque
- Lightweight aluminum housing
- Rugged ball bearing-mounted air motor and precision planetary gear system
- Includes vinyl boot

AT204A 1/4" Drive Mini Air Ratchet (Blue-Point®)

- Ideal for working in tight quarters
- Head clearance is less than 3/4"
- Includes variable-speed trigger, adjustable air regulator and 5' nylon braided whip hose for maneuverability and control
- Composite housing provides strength and durability

AT208A 3/8" Mini Air Ratchet Wrench (Blue-Point®)

- Compact size allows for greater access to tight spaces
- Easy to use with a variable-speed throttle
- 30 ft-lb torque
- Lightweight design reduces fatigue
- Comfort grip, head boot and 5' braided PU hose
- One year limited warranty

AT238A 3/8" Drive Mini Impacting Ratchet Wrench (Blue-Point®)

- Reaction-free clutch mechanism prevents kick-back
- 40 ft-lb torque
- Compact size allows for greater access to tight spaces
- Lightweight design reduces fatigue
- 1/4" 18 NPT air inlet thread size
- One year limited warranty

AT700F 3/8" Drive Ratchet (Blue-Point®)

- Delivers 5-45 ft-lb of torque
- Rugged ball bearing mounted air motor and precision planetary gear system
- Easy-to-use variable-speed throttle plus adjustable air regulator
- Lightweight aluminum housing

AT705B 1/2" Drive Ratchet (Blue-Point®)

- 1/2" drive ratchet in a 3/8" drive body
- Ball bearing mounted motor for longer tool life

AIR: 3/8", 1/2" CAPACITY DRILLS



1/2 and 3/8" Capacity Drills

Specifications	PDR5000A*	PDR5001**	PDR3000A*	PDR3001†	PDRR2005*
Chuck Size, inches (mm)	1/2 (13)	1/2 (13)	3/8 (10)	3/8" (10)	1/4"-28 (Threaded Bits)
Rated Power, HP (kW)	0.45 (.33)	.45 (.33)	0.45 (.33)	.45 (.33)	0.45 (.33)
Torque Range, in-lb (N•m)	0-300 (0-34)	0-300 (0-34)	0-50 (0-6.0)	0-50 (0-6.0)	—
Free Speed, RPM	450	450	2,500	2,500	4,000
Spindle Thread, inches	1/2"-20 UNF	1/2"-20 UNF	3/8"-24 UNF	3/8"-24 UNF	1/4"-28
Air Consumption, Average, CFM (SCFM) (l/min)	3.8 (27) [106]	3.8 (27) [106]	3.5 (25) [99]	3.8 (27) [100]	3.8 (27) [100]
Air Inlet Thread Size, inches (NPT)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	0.9	0.9	3.0	3.5	2.9
Sound Power Level, dB(A)	108.0	82.4	106.1	95.2	84
Length, inches (mm)	8.7 (222)	8.7 (222)	7 (178)	7 (178)	10 (254)
Auxiliary Handle	PDR5000-40A	PDR5000-40A	—	—	—
Chuck Key	30429	—	30002	—	—
Chuck Type	Keyed	Keyless	Keyed	Keyless	—
Replacement Chuck	PDR5000-2	—	21133B	—	—
Keyless Chuck	PDR5000-2	SP68187	PDR3A-2	PDR3000-2	—

*CE - DE, ES, FR, IT, GB, NL

†CE - DE, ES, FR, IT, GB, NL, JP

PDR5000A 1/2" Capacity Reversible Drill

- Five-vane air motor delivers high-torque power for added durability
- Three-planet industrial strength gear train provides durability for heavy-duty applications
- Precise .0025" chuck run-out for precision drilling
- Includes side handle for added control in high-torque drilling applications

PDR5001 1/2" Capacity Keyless Chuck Reversible Drill

- Top-mounted one-handed forward/reverse for ease of use
- Variable-speed trigger for added control
- Cushion grip handle reduces vibration and insulates from the cold
- Internal ball bearing construction for smooth operation
- Five-vane air motor for faster start-ups and more power
- 450 RPM and 300 in-lb of torque output

PDR3000A 3/8" Capacity Reversible Drill

- Convenient top-mounted forward/reverse switch allows for one-handed operation
- Five-vane air motor provides more drilling power to get the job done faster
- Overmolded cushion handle insulates from cold and vibration to reduce user fatigue
- Reversible variable-speed trigger for more control of drilling speed allows for precise drilling and increased safety
- Internal ball bearing construction for smooth operation and extended tool life
- Three-planet industrial strength gear train provides durability for heavy-duty drilling applications

- Precise .0025" chuck runout which enables precision drilling yielding a high-quality job
- Ergonomically designed lightweight aluminum housing provides a high power-to-weight ratio, allowing more productivity with less fatigue

PDR3001 3/8" Capacity Keyless Chuck Reversible Drill

- 2,500 RPM and 50 in-lb of torque output
- One-handed forward/reverse for ease of use
- Excellent runout for consistent drilling, reaming and honing
- Keyless chuck for rapid bit change
- Slow start-up for easy control
- Handle exhaust directs air downward
- All ball and needle bearing spindle components
- Machined planetary gears balance the load
- Cushion grip handle reduces vibration and insulates from the cold
- Internal ball bearing construction for smooth operation
- Five vane air motor for faster start ups and more power
- Industrial drivetrain and gearing for long tool life

PDRR2005 Mini Right Angle Air Drill

- Compact head for access to tight spaces
- Low spindle runout for precise drilling
- Accepts bits with 1/4"-28 thread
- Spindle shaft supported by double bearings for increased durability
- Spiral bevel gears for durability and smooth operation
- Variable-speed trigger maximizes performance and control

Colors Available



Red Green Hi-Viz

* G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Use only impact sockets and accessories with air ratchets.
- Read Safety Precautions on pages W1-W4.

AIR: 1/4" CAPACITY DRILLS



PDYT1KE



PDZT2LK

1/4" Capacity Drills

	Stock No.	Description
1/4" Capacity Keyed Chuck Reversible	PDYT1KE	3 HP 1,800 RPM Pneumatic Drill
	PDYT1KF	3 HP 2,000 RPM Pneumatic Drill
	PDYT1KG	3 HP 2,400 RPM Pneumatic Drill
	PDYT1KH	3 HP 3,000 RPM Pneumatic Drill
1/4" Capacity Keyed Chuck Non-Reversing	PDZT2K7	5 HP 2,600 RPM Pneumatic Drill
	PDZT2KH	5 HP 3,000 RPM Pneumatic Drill
	PDZT2KK	5 HP 3,600 RPM Pneumatic Drill
	PDZT2KL	5 HP 4,300 RPM Pneumatic Drill
	PDZT2KN	5 HP 23,000 RPM Pneumatic Drill
1/4" Capacity Keyless Chuck Non-Reversing	PDZT2L7	5 HP 2,600 RPM Pneumatic Drill
	PDZT2LH	5 HP 3,000 RPM Pneumatic Drill
	PDZT2LK	5 HP 3,600 RPM Pneumatic Drill
	PDZT2LL	5 HP 4,300 RPM Pneumatic Drill
	PDZT2LN	5 HP 23,000 RPM Pneumatic Drill

Specifications: 1/4" Capacity Pneumatic Drills	
Length, inches (mm)	6.3 (160)
Weight, lb (kg)	1.5 (0.7)
Recommended Hose Size, inches (mm)	3/8 (10)
Spindle Thread	3/8"-24
Warranty	1 Year

C, E, DE, ES, FR, IT, GB, NL

1/4" Capacity Pneumatic Drills Feature:

- Inlaid grip provides comfortable, low-profile padding and reduces fatigue while guiding users to hold the tool properly to enhance accuracy
- Ergonomic Support: Located on both sides of the housing, this support provides a resting point for the index finger during operation; aviation drills should be held so that the operator's wrist and index finger are inline with the chuck to enhance precision and control while reducing user fatigue
- Featherable throttle enhances flow to feed the high-torque motor and offers precise control for critical applications
- Dual-chamber motor provides high-torque for stubborn applications
- High Stall Torque: Bit jammed? Pull the trigger and turn clockwise—this feature saves time and frustration
- 3-Planet Gear Carrier: Designed for industrial applications to enhance precision and durability versus conventional two-gear models
- Röhm® Keyed Chuck: 1/4" (6.5 mm) premium quality chuck for critical applications
- Reversible and non-reversible models available

Spotweld Drill

Specifications	AT184
Chuck Size, inches (mm)	5/16 (8)
Rated Power, HP (kW)	0.32 (0.55)
Free Speed, RPM	0-1,000/0-1,800
Air Consumption, Free Speed, CFM (SCFM) (l/min)	8.4 (60) (238)
Air Inlet Thread Size, inches (NPT)	1/4 (6)
Recommended Hose Size, inches (mm)	3/8 (10)
Sound Level dB(A) Pressure	84
Length, inches (mm)	7.9 (201)
Weight, lb (kg)	3.1 (1.4)
Spotweld Drill Bit (10 mm) (optional)	AT183-51
Spotweld Drill Bit (6.5 mm) (optional)	AT183-43
Spotweld Drill Bit (8 mm) (included)	AT183-50
Support Arm 5.5 (optional)	AT184-24A



AT184

AT184 Spotweld Drill (Blue-Point®)

- Twist depth control collar allows precise setting of drilling depth up to 1/4"
- Two-speed trigger for low or high-speeds
- Includes (1) 5/16" (8 mm) drill bit and removeable clamp arm

AIR: 1/4", 3/8", 1/2" DRILLS (Blue Point®)

AT3000 3/8" Reversible Drill (Blue-Point®)

- Convenient one-handed forward/reverse operation
- Exhaust is released through the bottom of the handle, away from the work area
- Comfort grip handle
- Keyless chuck saves time when changing bits



AT3000

AT5000 1/2" Reversible Drill (Blue-Point®)

- Chuck key conveniently stores in the handle
- Variable-speed trigger
- Convenient one-handed forward/reverse operation
- Exhaust is released through the bottom of the handle, away from the work area



AT5000

AT801MCA 1/4" Micro Drill (Blue-Point®)

- Small size is ideal for working in confined areas
- Durable composite housing stands up to rugged use
- Reverse lever is conveniently positioned for one-handed operation
- Oversized variable-speed trigger



AT811

AT811 3/8" Angle Drill (Blue-Point®)

- Convenient one-handed push-button forward/reverse operation
- Rear exhaust keeps air away from the work area
- Ball-bearing construction for longer tool life



AT801MCA

1/4, 3/8 and 1/2" Drills (Blue-Point®)

Specifications	AT3000	AT5000	AT811	AT801MCA
Chuck Size, inches (mm)	3/8 (10)	1/2 (13)	3/8 (10)	1/4 (6)
Rated Power, HP (kW)	0.45 (33)	0.45 (33)	0.45 (33)	0.25 (19)
Torque Range, in-lb (N•m)	0-40 (0-4.5)	0-120 (0-14)	0-85 (0-6)	0-15 (0-2.0)
Free Speed, RPM	1,675	490	1,320	1,800
Spindle Thread, inches	3/8"-24 UNF	1/2"-20 UNF	3/8"-24 UNF	3/8"-24 UNF
Air Consumption, Average, CFM (SCFM) (l/min)	3.5 (25) (95)	3.8 (27) (108)	3.4 (24) (95)	1.9 (13.5) (53.3)
Air Inlet Thread Size, inches (NPT)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10) (7 min)	3/8 (10) (7 min)
Vibration Level, m/s ²	<2.5	<2.5	<.6	<2.5
Sound Level dB(A) Pressure	82	82	110	90.4
Length, inches (mm)	7.6 (193)	8.0 (228)	6.2 (208)	7.2 (183)
Weight, lb (kg)	3.2 (1.4)	3.8 (1.7)	2.2 (1)	1.5 (0.68)
Auxiliary Handle	—	PDAHTA	—	—
Vinyl Boot (opt.)	AT3000BOOT	AT5000BOOT	—	—



- Use only impact sockets and accessories with air ratchets.
- Read Safety Precautions on pages W1-W4.

AIR: HAMMERS

**PH3050BR Super-Duty Air Hammer**

- 2,500 BPM with hardened steel piston, delivering harder blows for maximum impact
- Dual elastomer cushions absorb shock and vibration, reducing user fatigue
- Phenolic (Kevlar® reinforced) flutter disc provides long life
- Direct multiport front exhaust keeps air and debris away from user
- High-grade steel barrel provides greater strength
- Variable-speed soft-touch trigger provides featherability for greater control
- Four-position built-in air regulator varies power for different applications
- Air line screen helps prevent foreign particles from clogging trigger mechanism
- Includes PH200D Quick Change Chuck Retainer

Retainer Chuck**PH200D Universal Quick-Change Chuck Retainer**

- Use for fast and easy insertion/removal of air hammer bits
- Non-turning insert design reduces wear for longer tool life
- Constructed from high-grade steel—insert is constructed from durable polyurethane elastomer
- Universal design fits most air hammers
- Knurled collar provides a solid gripping surface, even with greasy hands



PH200D

Super-Duty Air Hammers

Specifications	PH3050BR**	AT2050†
Bore Diameter, inches (mm)	3/4 (19)	3/4 (19)
Blows Per Minute, BPM	2,500	3,400
Piston Stroke, inches (mm)	3 (76)	2.75 (70)
Shank Opening, inches (mm)	3.401 (10.1)	3.401 (10.1)
Air Consumption, Free Speed, CFM (SCFM) [l/min]	2.1 (14) [50]	2.5 (18) [71]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	5/16 (8)	5/16 (8)
Vibration Level, m/s ²	2.8	8.6
Sound Level dB(A) Pressure	91.4	89
Length, inches (mm)	9.0 (228)	7.4 (188)
Weight, lb (kg)	5.5 (2.7)	4.5 (2.1)
Vinyl Boot	PH3050RBOOT	AT2050BBOOT

†CE - DE, ES, FR, IT, GB, NL

- Intended for heavier-duty applications like cutting large bolts and rivets, separating ball joints, cutting heavy gauge sheet metal and driving bushings

PH3050BRCH4 Super-Duty Air Hammer Set

- Set includes Air hammer (PH3050BR), Quick Change Retainer (PH200D), Flat Chisel (PHG55A), Panel Cutter (PHG57B), Tapered Punch (PHG59A) and Muffler Cutter (PHG87)

AT2050 Heavy-Duty Air Hammer (Blue-Point®)

- Intended for heavy-duty applications, such as cutting large bolts and rivets, separating ball joints, cutting heavy-gauge sheet metal and driving bushings
- 3,400 BPM
- Quick-change chuck makes bit changing easy
- Variable-speed trigger with a built-in speed regulator
- Comfort grip handle for less user fatigue
- Hard-hitting; gets the job done quicker

AIR: DIE GRINDERS



Mini and Standard Die Grinders, 1/4" Collet

Specifications	PTGR100**	PTGR105†	PTGR110**	PTGR115*	PTGR200**	PTGR205**	PTGR210A**
Collet Size, inches	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Rated Power, HP (kW)	1/3 (.2)	1/3 (.2)	1/3 (.2)	1/3 (.2)	.5 (.3)	.5 (.3)	.5 (.3)
Free Speed, RPM	25,000	25,000	25,000	25,000	23,000	23,000	23,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1.7 (11) [48]	1.7 (11) [48]	1.7 (11) [48]	1.7 (11) [48]	3.2 (23) [90]	3.2 (23) [90]	3.2 (23) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	2.6	2.85	4.8	4.4	2	3	5.2
Sound Level dB(A) Pressure	83.3	82.4	85.8	84.5	85.1	85.8	88
Length, inches (mm)	6.1 (155)	9.8 (250)	5.75 (146)	9.5 (241)	6.9 (175)	10.9 (277)	6.4 (162)
Weight, lb (kg)	1 (0.4)	1.4 (0.63)	1.2 (0.5)	2.1 (0.95)	1.2 (0.5)	2.1 (0.95)	1.4 (0.63)

†CE - DE, ES, FR, IT, GB, NL, JP

*CE - DE, ES, FR, IT, NL, JP

Colors Available



* ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

AIR: DIE GRINDERS

Heavy-Duty Die Grinders

- With more stall torque than any other Snap-on® Die Grinders, these Die Grinders are ergonomically designed and surprisingly lightweight for superior control, low vibration and less fatigue
- Featuring thermally balanced 1 HP motors that deliver 12,000 RPM–25,000 RPM of free speed power for maximum performance and high stall torque
- Provides the maneuverability to reach even the most restricted areas—and all the power ever needed

Specifications	PTGR400	PTGR405	PTGR410
Collet Size, inches	1/4	1/4	1/4
Rated Power, HP (kW)	1.0 (.6)	1.0 (.6)	1.0 (.6)
Free Speed, RPM	26,000	23,000	25,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.17 (30) [118]	4.17 (30) [118]	4.17 (30) [118]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	2.1	3.25	.78
Sound Level dB(A) Pressure	84.7	82.2	85.2
Length, inches (mm)	7-1/2 (191)	12.25 (311)	7-1/2 (191)
Weight, lb (kg)	1.5 (.68)	2.6 (1.1)	1.5 (.68)

CE - DE, ES, FR, IT, GB, NL, JP

PTGR400 1 HP Heavy-Duty Die Grinder

PTGR405 1 HP Heavy-Duty Long-Neck Die Grinder

PTGR410 1 HP Heavy-Duty Right Angle Die Grinder

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



PTGR400



PTGR405



PTGR410

AIR: DIE GRINDERS (Blue Point®)

Pencil, 1/8" Collet (Blue-Point®)

- Twist-action variable-speed control
- 5' (1.5 m) long protected air hose
- Used with 1/8" shank grinding accessories rated a minimum of 75,000 RPM
- Ideal for tight spaces and easy cleaning of dies, rotors and brake pads

Specifications	AT1070A	AT1070RA
Collet Size, inches (mm)	1/8 (3)	1/8 (3)
Free Speed, RPM	75,000	75,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1 (7) [28]	1 (7) [28]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	2.0	2.0
Sound Level dB(A) Pressure	72	72
Length, inches (mm)	5.3 (135)	5.9 (150)
Weight, lb (kg)	.55 (0.25)	.65 (0.21)

AT1070A Pencil Die Grinder (Blue-Point®)

AT1070RA Right Angle Pencil Air Die Grinder (Blue-Point®)



AT1070A



AT1070RA



- Do not use grinder accessories beyond their maximum rated RPM.
- Use air breaker accessories only for their intended purpose.
- Do not use chipped or damaged accessories.
- Read Safety Precautions on pages W1-W4

AIR: DIE GRINDERS (Blue Point®)



1/4" Collet (Blue-Point®)

Specifications	AT115†	AT118†	AT105†	AT109*†	AT119†	AT116†	AT120L	AT120LRA
Collet Size, inches (mm)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)
Rated Power, HP (kW)	0.45 (.33)	0.2 (.15)	0.45 (.33)	0.2 (.15)	0.2 (.15)	0.2 (.15)	0.22 (.164)	0.45 (.335)
Free Speed, RPM	22,000	20,000	22,000	20,000	20,000	20,000	23,000	18,000
Air Consumption, Free Speed, CFM (SCFM) l/min	4 (28) [113]	4.0 (28) [113]	4 (28) [113]	2.1 (15) [59]	3 (15) [59]	3 (15) [59]	3 (22) [85]	3.3 (24) [93.4]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10) 40 min.	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	<2.5	2.5	<2.5	2.5	<6.92	3	1.63	1.83
Sound Level dB(A) Pressure	95	93	102	95	100	100	77	79
Length, inches (mm)	6.5 (165)	5.5 (140)	6.5 (165)	6.5 (165)	6.81 (173)	6.5 (165)	11.02 (280)	11.25 (285)
Weight, lb (kg)	1.3 (.81)	1.1 (.50)	1.3 (.81)	1.1 (.50)	1.1 (.50)	1.1 (.50)	1.45 (.66)	1.83 (.74)

*See below for AT109DGK Die Grinder Kit specifications.

†CE - DE, ES, FR, IT, GB, NL

AT115 Standard Air Die Grinder (Blue-Point®)

- Intended for most standard deburring operations
- Ergonomic handle grip increases comfort and control
- Safety lever throttle
- Built-in speed regulator
- Brass bearing cap and hose adaptor
- Rear diffused exhaust

AT118 90° Angle Mini Air Die Grinder (Blue-Point®)

- Cleans dies, rotors, backing plates and brake pad mounts
- Removes gasket material, grinds valve seats, dresses welds and enlarges holes
- Compact, mini design with 90° angled head for easy access
- Ergonomic handle grip for increased comfort and control
- Safety lever throttle
- Built-in speed regulator
- Brass bearing cap and hose adaptor

AT105 Standard Air Die Grinder (Blue-Point®)

- Aluminum housing for long-lasting durability
- Intended for most standard deburring operations
- High-quality bearings improve productivity with less repair
- Rear exhaust directs air away from work area

AT109 Right Angle Mini Air Die Grinder (Blue-Point®)

- Aluminum housing for long lasting durability
- Compact mini design with 90° head for easy access
- High-quality bearings improve productivity with less repair

AT109DGK Die Grinder Kit (Blue-Point®)

- Includes AT109 Mini Angle Die Grinder plus (1) 2" (50.8 mm) ROLOC® pad, (2) 2" (50.8 mm) coarse discs, (2) 2" (50.8 mm) medium discs, (2) 2" (50.8 mm) 24 grit discs, (2) 2" (50.8 mm) 36 grit discs, (2) 2" (50.8 mm) crud discs, (1) 3" (76.2 mm) ROLOC® pad, (2) 3" (76.2 mm) 50 grit discs, (2) 3" (76.2 mm) 120 grit discs, (2) 3" (76.2 mm) crud discs, (1) 1/4" shank adaptor and (2) spanner wrenches in a storage case

AT119 115° Angle Mini Air Die Grinder with 2" Quick Change Disc (Blue-Point®)

- 115° offset head for a more ergonomic grinding position
- Thread-on-style disc provides a more compact head
- Includes (1) 2" quick change disc so the tool is ready for an abrasive pad
- Ideal for body work spot sanding, cleaning gasket material from surfaces, dressing welds, and cleaning brake rotors, backing plates and brake pads

AT116 115° Angle Mini Air Die Grinder (Blue-Point®)

- 115° offset head provides a more ergonomic grinding position
- 1/4" collet
- Compact size ideal for accessing hard-to-reach areas
- Overmolded comfort grip
- Variable-speed regulator for precision control
- Available optional accessories include AT116-3 ROLOC® Pad (2", 1/4" shaft) and AT116-4 ROLOC® Pad (3", 1/4" shaft)
- Removes gasket material, grinds valve seats, dresses welds and enlarges holes

AT120L Extended-Length Mini Air Die Grinder (Blue-Point®)

- 4-1/2" of extended reach for greater accessibility
- Comfort grip reduces fatigue
- Built-in speed regulator matches tool speed to the job
- Safety throttle releases lever to shut off tool

AT120LRA Right Angle Extended-Length Mini Air Die Grinder (Blue-Point®)

- 4-1/2" of extended reach, with a 90° head
- Comfort grip reduces fatigue
- Built-in speed regulator matches tool speed to the job
- Safety throttle releases lever to shut off tool
- .45 HP motor with 18,000 RPM free speed

Heavy-Duty Die Grinders

Specifications	PTGR450
Length, inches (mm)	9.0 (228)
Rated Power, HP (kW)	1.0 (0.7)
Weight, lb (kg)	3.25 (1.47)
Wheel Size, inches (mm)	4-1/2" (114)
Free Speed, RPM	12,000
Air Consumption, Free Speed, CFM (SCFM) (l/min)	4.17 (30) (118)
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	8.9
Sound Level dBA Pressure	86.3

CE - DE, ES, FR, IT, GB, NL, JP

PTGR450 4-1/2" 1 HP Heavy-Duty Angle Grinder

- Powerful, efficient, thermally balanced air motor cools internal components
- Adjustable rear exhaust directs airflow away from work area
- Built-in air regulator provides the ability to dial in the exact speed for a specific application
- Dual taper collet system improves bit retention
- Easy bit changing with standard wrenches
- Ergonomic comfort grip handle isolates vibration
- Variable-speed safety-style paddle trigger helps prevent accidental start-up
- Low vibration and sound levels help reduce user fatigue
- 12,000 RPM for maximum performance and stall torque
- Small size provides maneuverability in tight areas
- Lightweight for superior control with low vibration
- Improved safety lever makes engaging and operating the tool even easier
- Adjustable wheel guard



PTGR450

Colors Available



R G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Grinder (Blue-Point®)

Specifications	AT215
Description	2" Angle Grinder (Blue-Point®)
Length, inches (mm)	7.4 (188)
Overall Length, inches (mm)	7.4 (188)
Disc Size, Dia., inches (mm)	2 (50.8)
Rated Power, HP (kW)	0.5 (0.37)
Weight, lb (kg)	1.8 (0.82)
Wheel Size, inches (mm)	2 (51)
Free Speed, RPM	15,000
Horsepower, HP	.5
Air Consumption, Free Speed, CFM (SCFM) (l/min)	3 (22) (80)
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Recommended Air Pressure, PSIG (kPa)	90 (620)
Vibration Level, m/s ²	<2.86
Sound Level dBA Pressure	73

AT215 2" Angle Grinder (Blue-Point®)

- Excellent for working in confined areas on jobs that require fast metal removal
- Ideal for body shops, automobile and truck repair
- Grease fitting in head enables gears to be greased for longer tool life
- Includes (6) 2" wheels; tool is ready for use
- Moveable guard—up to 50° in either direction—fits various applications
- Built-in speed regulator allows the user to set the desired speed, providing more control
- Rear exhaust with rotating deflector directs air away from the work area with no blowback toward the user
- Comfort grip housing insulates from cold and vibration for less user fatigue
- Safety lever throttle prevents accidental start-ups for increased safety
- Includes AT215GWSET six pack grinding stone



AT215



- Do not operate without the guard.
- Do not use grinding discs or accessories above their rated RPM.
- Read Safety Precautions on pages W1-W4.

AIR: CUT-OFF TOOLS



PTC430



PTC490

Colors Available



PTC430 R G HV
PTC490 — HV
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



PTC250

Colors Available



R G HV
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Heavy-Duty Cut-Off Tools

- Powerful thermally balanced air motor cools internal parts and the tool surface
- Double bearings for smooth operation
- Built-in speed regulator for easy adjustment
- Rear-diffused exhaust directs exhaust away from the work area
- Lightweight and ergonomic comfort grip handle for less user fatigue
- Paddle-style trigger/safety lever for easy operation
- Precision-machined steel end plates for greater durability
- Adjustable wheel guard for use at any angle

Specifications	PTC430	PTC490
Wheel Size, inches (mm)	3 (76)	4 (102)
Rated Power, HP (kW)	1.0 (0.75)	1.0 (0.75)
Free Speed, RPM	25,000	12,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.17 (23) [90]	4.17 (23) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (38)	1/4 (38)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	6.92	3.41
Sound Level dB(A) Pressure	87	87.8
Length, inches (mm)	7-1/2 (191)	9.3 (236)
Weight, lb (kg)	1.9 (85)	3 (1.3)
3" Cutter Wheels (36-Grit) (opt.)	AT150-20A	—
3" Cutter Wheels (54-Grit) (opt.)	AT150C29A	—
4" Cutter Wheels (opt.)	—	AT154RWHLMF

CE - DE, ES, FR, IT, GB, NL, JP

PTC430 1 HP Heavy-Duty 3" Cut-Off Tool

- 25,000 RPM for maximum performance and stall torque
- Adjustable rear exhaust allows user to direct airflow away from work area
- Built-in air regulator allows user to dial in the exact speed required for the specific application
- Ergonomic comfort grip handle isolates vibration
- Variable-speed paddle-style safety trigger helps prevent accidental start-up
- Low vibration and sound levels help reduce fatigue and vibration
- Small size provides maneuverability in tight areas
- Lightweight for superior control
- Improved safety lever makes engaging and operating the tool even easier
- Ideal for many automotive and industrial cutting applications

PTC490 1 HP Heavy-Duty 4" Angle Cut-Off Tool

- 12,000 RPM for maximum performance and stall torque
- Use for heavy frame grinding, chamfering, welding cleanup and hardened steels

Cut-Off Tool

Specifications	PTC250
Wheel Size, inches (mm)	3 (76)
Rated Power, HP (kW)	0.5 (37)
Free Speed, RPM	23,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.2 (23) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (38)
Vibration Level, m/s ²	6
Sound Level dB(A) Pressure	86.1
Length, inches (mm)	7.2 (183)
Weight, lb (kg)	1.6 (73)
3" Cutter Wheels (36-Grit) (opt.)	AT150-20A
3" Cutter Wheels (54-Grit) (opt.)	AT150C29A

CE - DE, ES, FR, IT, GB, NL, JP

PTC250 1/2 HP 3" Cut-Off Tool

- 23,000 RPM for maximum performance and stall torque
- Adjustable cutting wheel guard rotates to any safe and convenient position
- Adjustable regulator matches tool speed to job requirements
- With wider wheels, the tool also makes an excellent weld grinder
- Powerful, efficient, thermally balanced air motor cools internal components and surface temperature of the tool
- Variable-speed paddle-style safety trigger helps prevent accidental start-up
- High-quality single-row bearings allow for smooth operation and minimal runout to keep the tool running longer
- Black Alcryn® grips for improved comfort and resistance to automotive fluids
- Easy wheel changing using standard wrenches
- Optional accessories include AT150-20A Cut-Off Wheel

AIR: CUT-OFF TOOLS

Reversible Cut-Off Tools (Blue-Point®)

Specifications	AT154RA	AT157R
Wheel Size, inches (mm)	4 (102)	3 (76)
Rated Power, HP (kW)	0.7 (0.5)	0.45 (0.33)
Free Speed, RPM	13,000	20,000
Air Consumption, Free Speed, CFM (SCFM) (l/min)	3.1 (22) (87)	3.5 (25) (89)
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)
Cutter Wheel Dia., inches	—	3
Vibration Level, m/s ²	3.07	<3.8
Sound Level dB(A) Pressure	85	100
Length, inches (mm)	14.3 (365)	7.3 (185)
Weight, lb (kg)	3.3 (1.5)	1.9 (.86)
3" Cutter Wheels (36-Grit) (opt.)	—	AT150-20A
3" Cutter Wheels (54-Grit) (opt.)	—	AT150C29A
4" Cutter Wheels	AT154RWHLMP	—

AT154RA 4" Reversible Cut-Off Tool (Blue-Point®)

- 14.3" overall length provides extended reach for easier access
- Reverse mode controls direction of sparks for safety
- Exhaust is diffused through the rear of the tool away from work surface
- Side handle provides additional tool control

AT157R 3" Reversible Cut-Off Tool (Blue-Point®)

- Ideal for use in body shops and other general automotive applications
- Spark direction control
- Extended reach for hard-to-access areas
- Built-in speed regulator for fine tuning
- Safety throttle lever
- Comfort grip handle
- Uses wheels only rated above 18,000 RPM
- Recommended for cutting mufflers, hose clamps, bolts and sheet metal
- 1 year limited warranty



AT154RA



AT157R

AIR: CUT-OFF TOOLS (Blue-Point®)

Cut-Off Tool (Blue-Point®)

Specifications	AT153
Wheel Size, inches (mm)	3 (76)
Rated Power, HP (kW)	0.5 (0.37)
Free Speed, RPM	17,000
Air Consumption, Free Speed, CFM (SCFM) (l/min)	3.5 (25) (89.1)
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Air Pressure, PSIG (kPa)	90 (620)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	<2.86
Sound Level dB(A) Pressure	85
Length, inches (mm)	7.3 (185)
Weight, lb (kg)	3.3 (1.5)
3" Cutter Wheels (36-Grit) (opt.)	AT150-20A
3" Cutter Wheels (54-Grit) (opt.)	AT150C28A

CE - DE, ES, FR, IT, GB, NL

AT153 Cut-Off Tool (3") (Blue-Point®)

- Compact size is excellent for accessing areas with limited working space
- Heavy-duty bevel gears for tool longevity
- Indexing adjustable guard controls the direction of sparks
- Spindle lock eliminates the need for special wrenches for fast change of cut-off wheels
- Adjustable built-in regulator easily adjusts up to 17,000 RPM free speed



AT153



- Do not operate without the guard.
- Do not use grinding discs or accessories above their rated RPM.
- Read Safety Precautions on pages W1-W4.

AIR: CUTTING TOOLS (Blue-Point®)



AT195

Shears (Blue-Point®)

Specifications	AT195
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.0 (29) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	<2.5
Sound Level dB(A) Pressure	95.9
Length, inches (mm)	10 (254)
Weight, lb (kg)	2.8 (1.3)

AT195 Air Powered Shears (Blue-Point®)

- Pistol grip handle for comfort and accessibility
- Handle exhaust is directed away from the operator
- Ball bearing-mounted rotary air motor for long service
- Lightweight aluminum housing is durable and helps to reduce fatigue
- Built-in speed regulator provides torque control
- Variable-speed trigger for maximum control
- Removable brass filter captures dirt and grit that could clog and damage the impact mechanism
- Replacement blades: Left blade (AT195-37), center blade (AT195-39B) and right blade (AT195-40B)



AT180C

Nibbler (Blue-Point®)

Specifications	AT180C
Free Speed, RPM	3,500
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (29) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	4.3
Sound Level dB(A) Pressure	97
Length, inches (mm)	7.6 (193)
Weight, lb (kg)	1.9 (88)

AT180C Nibbler (Blue-Point®)

- Cuts mild steel sheet up to 16-gauge (0.62") (1.55 mm)
- Anvil is adjustable for forward, backward, and left or right cutting; enabling the nibbler to make sheet metal cuts of any configuration
- Readily cuts most non-ferrous materials including aluminum, brass, formica, laminates, fiberglass and masonite
- Includes Standard Punch (AT180B-10)
- Replacement Pouch: AT180C-38

AIR: RECIPROCATING SAWS



PTR51000

Air Saw

Stock No.	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) [l/min]	Air Inlet Thread Size, inches (NPT)	Vibration Level, m/s ²	Sound Pressure Level, dB(A)	Length, inches (mm)	Weight, lb (kg)
PTR51000	9,000	2.4 (19)	1/4 (18)	10.0	87.2	8.5 (215)	1.6 (0.73)

CE - DE, ES, FR, IT, GB, NL, JP

PTR51000 Heavy-Duty Reciprocating Air Saw

- Dual chuck accepts standard air saw blades and saber saw blades
- Able to cut 1/8"-thick (3 mm) mild steel with smooth cutting action
- Comfort cushion grip reduces vibration for less user fatigue
- Variable-speed paddle-style safety trigger helps prevent accidental start-up

- Improved motor performance and durability over previous models
- Improved airflow increases cutting capacity by 30%
- Air exhausts out the front of tool, cooling the blade and clearing the work area
- Includes (3) air saw blades

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS



AT192A

Reciprocating Saws (Blue-Point®)

Stock No.	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) [l/min]	Air Inlet Thread Size, inches (NPT)	Recommended Hose Size, inches (mm)	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)
AT192A	11,000	1.0 (7) [26]	1/4 (18)	3/8 (10)	10.1	94	9.3 (235)	1.75 (0.80)
AT194A	8,250	0.7 (5) [20]	1/4 (18)	3/8 (10)	<6.6	87	8.7 (170)	1 (0.45)

AT192A High-Speed Reciprocating Saw (Blue-Point®)

- Adjustable blade guard controls cutting depth
- Teflon®-coated piston for smooth operation and durability
- Features a comfort grip handle with a safety lever throttle
- Includes saw and (3) blades (18, 24 and 32 TPI)
- Performs straight or scroll cuts in metal and plastic
- Comfort grip housing for greater control
- Optional 4" long blades are also available

AT194A Micro Air Saw (Blue-Point®)

- Compact size for easy access in tight quarters
- Guarded hose extension helps prevent damage to finished surfaces
- Performs straight or scroll cuts in metal and plastic
- Includes bi-metal blades: (1) 18 TPI, (1) 24 TPI, (1) 32 TPI



AT194A



PSO4512



PSO4612



PSO4625



PSO4525



PSO4612V



PSO4625V

Orbital and Geared Sanders

Specifications	PSO4512	PSO4525	PSO4612	PSO4612V	PSO4625	PSO4625V
Pad/Disc Size, Dia., inches (mm)	5 (127)	5 (127)	6 (152)	6 (152)	6 (152)	6 (152)
Style	Orbital	Orbital	Orbital	Orbital	Orbital	Orbital
Pattern, inches	3/16	3/16	3/16	3/16	3/16	3/16
Rated Power, HP (kW)	.25 (.19)	.25 (.19)	.25 (.19)	.25 (.19)	.25 (.19)	.25 (.19)
Free Speed RPM	12,000	12,000	12,000	12,000	12,000	12,000
Spindle Thread, inches	5/16"-24	1/4"-20	1/4"-20	1/4"-20	1/4"-20	1/4"-20
Air Consumption, Free Speed, CFM (SCFM) [l/min]	2 (14) [57]	2 (14) [57]	2 (14) [57]	2 (14) [57]	2 (14) [57]	2 (14) [57]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	2.1	2.3	2.1	2.1	2.3	2.3
Sound Level (dBA) Pressure	74.9	75.3	74.9	74.9	75.3	75.3
Length, inches (mm)	6 (152)	6 (152)	6.5 (165)	6.5 (165)	6.5 (165)	6.5 (165)
Weight, lb (kg)	1.8 (.82)	1.8 (.82)	1.8 (.82)	1.8 (.82)	1.8 (.82)	1.8 (.82)

PSO4512 5" Orbital Sander, 3/16" Pattern PSA Pad

- Low vibration sander for better performance and less user fatigue
- Kevlar Vanes last longer and help reduce moisture and oil on the work area
- O-ring sealed motor keeps dust and debris from entering critical components
- Field replaceable motor allows for motor replacement on the spot
- Powerful .25 HP motor generates 12,000 RPM for plenty of power
- Precision balanced crank and robust spindle provide a smooth operation with minimal vibration
- Adjustable top grip allow the end user to customize the position to their preferred setting
- Multiposition speed regular lets you dial in the precise speed for each application
- Ergonomic "S"-shaped paddle fits the hand better than flat levers
- PSA pad for easy abrasive changes

PSO4612 6" Orbital Sander, 3/16" Pattern PSA Pad**PSO4612V 6" Orbital Sander, 3/16" Pattern**

- Includes vacuum port for dust control

PSO4525 5" Orbital Sander with 3/16" Pattern**PSO4625 6" Orbital Sander with 3/16" Pattern**

- Powerful 1/4 HP motor generates 12,000 RPM

- For sanding various surfaces including painted and metal applications

- Field replaceable motor

PSO4625V 6" Orbital Sander with 3/16" Pattern

- Lightweight, sanding pads are flexible for spot sanding and surface preparation from body fillers to paint primer

Colors Available



R G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Do not use sanding discs or accessories above their maximum rated RPM.
- Do not use grinding discs on angles.
- Wear protective gloves.
- Read Safety Precautions on pages W1-W4.

AIR: SANDERS



PSDF4600



PSDF4600V



PSOF4312



PSOF4612

Colors Available



R G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Orbital and Geared Sanders

Specifications	PSDF4600	PSDF4600V	PSOF4312	PSOF4612
Pad/Disc Size, Dia., inches (mm)	6 (152)	6 (152)	3 (76)	6 (152)
Pattern	3/16 Orbit	3/16 Orbit	—	—
Pattern, inches	—	—	3/32	3/32
Style	Dual-Function	Dual-Function	Orbital	Orbital
Rated Power, HP (kW)	0.45	0.45	.25 (19)	.25 (19)
Free Speed, RPM	1,200	1,200	12,000	12,000
Spindle Thread, inches	3/8	3/8	5/16"-24	5/16"-24
Air Consumption, Free Speed, CFM (SCFM) (l/min)	3 (22) [85]	3 (22) [85]	2 (14) [57]	2 (14) [57]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Air Pressure, PSIG (kPa)	90 (620)	90 (620)	90 (620)	90 (620)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	4.7	4.7	2.1	2.1
Sound Level dB(A) Pressure	79	79	74.9	74.9
Length, inches (mm)	11 (279)	11 (279)	6 (152)	6 (152)
Weight, lb (kg)	3.7 (1.7)	3.7 (1.7)	1.7 (.77)	1.7 (.77)
Pad Type	—	—	PSA	PSA
Replacement Pad/Disc	PSDF4600-S8	PSDF4600-S8	PSO4612-2	PSO4612-2

CE

PSDF4600 6" Dual-Function Sander

- Large dial to change from random orbit to rotary disc operation saves time
- Features Kevlar® vanes for longer life
- Premium hook-and-loop pad for durability
- Quickly removes coatings prior to painting
- For use on metal, solid surfaces, wood and fiberglass
- Ergonomic grip for comfort
- Soft grip housing material for maximum vibration absorption
- Powerful 1/2 HP motor generates 1,200 RPM for removing large amounts of filler material and leveling small welds

PSDF4600V 6" Dual-Function Sander with Vacuum

- Includes vacuum attachment for a cleaner workspace

PSOF4312 3" Orbital Finishing Sander, 3/32" Pattern**PSOF4612 6" Orbital Finishing Sander, 3/32" Pattern**

- Low vibration sander for better performance and less user fatigue
- Kevlar® vanes last longer and help reduce moisture and oil on the work area
- O-ring sealed motor keeps dust and debris from entering critical components
- Field replaceable motor allows for motor replacement on the spot
- Powerful .25 HP motor generates 12,000 RPM for plenty of power
- Precision balanced crank and robust spindle provide a smooth operation with minimal vibration
- Adjustable top grip allow the end user to customize the position to their preferred setting
- Multiposition speed regular lets you dial in the precise speed for each application
- Ergonomic "S"-shaped paddle fits the hand better than flat levers
- PSA pad for easy abrasive changes



PTBF210

Belt Sanders

Specifications	PTBF210
Air Consumption, Free Speed, CFM (SCFM)	3.2 (23)
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Belt Size	14-314" W x 18" L
Exhaust Type	Rear
Free Speed, r/min	18,000
Horsepower, HP	0.5
Length, inches (mm)	14.5 (368)
Recommended Hose Size, inches (mm)	3/8 (10)
Trigger Style	Paddle
Weight, lb (kg)	2.9 (1.3)
Width, inches (mm)	4.5 (114)

PTBF210 Band Sander

- Powerful, efficient, thermally balanced air motor cools internal components and surface temperature of the tool
- Adjustable rear exhaust allows user to direct airflow away from work area
- 90° angle head to improve access
- Accepts 18" belts
- Head can be rotated 270° for flexibility without tools
- Built-in 10-position air regulator provides the ability to dial in exact speed for a specific application
- Ergonomic comfort grip handle isolates vibration
- Variable-speed safety-style paddle trigger helps prevent accidental start-up
- Low vibration and sound levels help reduce user fatigue
- Industrial-grade gears and motor provide a longer lasting tool
- Tool-free adjustable belt build and cover for easy belt changes
- Standard side support handle for tool control

AIR: SANDERS



PSG4609



PSG4645



PSG4845



PSG4809



PSG4609V



PSG4645V



PSG4845V

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Orbital and Geared Sanders

Specifications	PSG4609	PSG4609V	PSG4645	PSG4645V	PSG4845	PSG4845V	PSG4809
Pad/Disc Size, Dia., inches (mm)	6 (152)	6 (152)	6 (152)	6 (152)	8 (203)	8 (203)	8 (203)
Style	Geared (NV)	Geared (V)	Geared (NV)	Geared (NV)	Geared (NV)	Geared (NV)	Geared (NV)
Pattern	5 mm Eccycloidal	5 mm Eccycloidal	5 mm Eccycloidal	5 mm Eccycloidal	5 mm Eccycloidal	5 mm Eccycloidal	—
Rated Power, HP (kW)	0.42 (.33)	0.42 (.33)	0.42 (.33)	0.42 (.33)	0.42 (.33)	0.42 (.33)	0.42 (.33)
Free Speed, RPM	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Spindle Thread, inches	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Air Consumption, Free Speed, CFM (SCFM) (l/min)	3 (21.7) (85)	3 (21.7) (85)	3 (21.7) (85)	3 (21.7) (85)	3 (21.7) (85)	3 (21.7) (85)	3 (21.7) (85)
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Sound Level dB(A) Pressure	80	80	80	80	80	80	80
Sound Level, Free Speed, dB(A)	82	82	82	82	82	82	82
Length, inches (mm)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)
Weight, lb (kg)	3.7 (1.70)	3.7 (1.70)	3.7 (1.70)	3.7 (1.70)	4 (1.82)	4 (1.82)	4 (1.82)
Replacement Pad/Disc	PS468-34	PS468-34V	PS468-34HL	PS468-34HL	PS468-35HL	PS468-35HL	PS468-35
Pad (VELCRO®/optional)	PS468-34HL	PS468-34HL	—	—	—	—	PS468-35HL

CE

PSG4609 6" Geared Sander

- Patented dust shield keeps dirt and dust out of motor for longer tool life
- Ergonomic adjustable handle adjusts to fit users hand for more comfort
- Robust front spindle and balanced crank help reduced vibration while sanding for less user fatigue
- Eight vane steel rotor provides more power for tough jobs
- Steel cut gears provide better durability for less wear and tear
- One piece lightweight housing with soft grip material for comfort and maximum vibration absorption
- Ergonomic throttle lever and built-in speed regulator for consistent performance
- Includes Non-vacuum PSA pad
- VELCRO® pad is optional
- Soft grip housing material for maximum vibration absorption
- Optional vacuum models (PS4609V and PS4809V) also available

PSG4609V Geared Sander with Vacuum

PSG4645 6" Geared Sander

- Removes and levels large amounts of filler materials such as glue or epoxy
- Levels small welds
- Removes coatings prior to painting
- For use on metal, solid surfaces, wood and fiberglass
- Super-ergonomic adjustable grip is indexable to multiple positions for optimum comfort
- Soft grip housing material for maximum vibration absorption
- Optional vacuum model (PSOG4645V) also available

PSG4645V 6" Geared Sander with Vacuum

PSG4845 8" Geared Sander

PSG4845V 8" Geared Sander with Vacuum

PSG4809 8" Geared Sander with PSA Pad



- Do not use sanding discs or accessories above their maximum rated RPM.
- Do not use grinding discs on Sanders.
- Read Safety Precautions on pages W1-W4.

AIR: FINISHING TOOLS (Blue-Point®)



AT425R

Reversible Disc Sander (Blue-Point®)

Specifications	AT425R
Pad/Disc Size, Dia., inches (mm)	5 (127)
Rated Power, HP (kW)	0.45 (.33)
Free Speed, RPM	13,000
Spindle Thread, inches	7/16" x 20 UNC
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.3 (31) [122]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	<0.8
Sound Level dB(A) Pressure	93
Length, inches (mm)	6.3 (135)
Weight, lb (kg)	2.8 (1.28)
Replacement Pad/Disc	AT425R-24
3" Replacement Pad (opt.)	AT425R-22
4" Replacement Pad (opt.)	AT425R-23

AT425R 5" Reversible High-Speed Sander (Blue-Point®)

- Used in body shops and other general automotive applications
- Comfort grip handle
- Built-in speed regulator
- One-handed forward/reverse lever
- Includes (3) backing discs: 3, 4 and 5"



AT406C

Orbital Sanders (Blue-Point®)

Specifications	AT406C
Pad/Disc Size, Dia., inches (mm)	6 (152)
Rated Power, HP (kW)	.25 (.19)
Free Speed, RPM	12,000
Spindle Thread, inches	5/16" x 24
Air Consumption, Free Speed, CFM (SCFM) [l/min]	2.5 (18) [71]
Vibration Level, m/s ²	2.8
Sound Level dB(A) Pressure	85
Length, inches (mm)	8.6 (219)
Weight, lb (kg)	1.8 (0.7)

AT406C 6" Orbital Palm Sander (Blue-Point®)

- Lightweight and durable composite housing
- Built-in power regulator for optimized power control
- Well-balanced for smooth handling
- For use with accessories rated above 12,000 RPM



AT408



AT411A

Dual-Action and Geared Sanders (Blue-Point®)

Specifications	AT408	AT411A
Pad/Disc Size, Dia., inches (mm)	8 (203)	6 (152)
Rated Power, HP (kW)	0.5 (.37)	0.5 (.37)
Free Speed, RPM	850	10,000
Spindle Thread, inches	5/16" x 24	5/16" x 18 UNC
Air Consumption, Free Speed, CFM (SCFM) [l/min]	5 (36) [142]	5 (36) [142]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10) ID min.
Vibration Level, m/s ²	3.7	3.7
Sound Level dB(A) Pressure	87	79
Length, inches (mm)	11 (279)	8 (203)
Weight, lb (kg)	4.8 (2.18)	4.7 (2.14)
Replacement Pad/Disc	AT408-2	AT411A-1

AT408 8" Geared Sander (Blue-Point®)

- Rear diffused exhaust
- Built-in adjustable-speed regulator
- Removable brass filter screens out debris

AT411A 6" Dual-Action Sander (Blue-Point®)

- Used for fine sanding operations and swirl-free finishing
- Comfort handle helps reduce fatigue
- Converts from rotary to random orbit action by sliding drive plate
- Built-in thumb-wheel speed regulator



AT475A

Inline Sander (Blue-Point®)

Specifications	AT475A
Pad/Disc Size, inches (mm)	2-3/4 x 17-1/2 (69.85 x 444.5)
Free Speed, RPM	1,800
Air Consumption, Free Speed, CFM (SCFM) [l/min]	2.3 (17) [65]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10) ID min.
Vibration Level, m/s ²	14.9
Sound Level dB(A) Pressure	87
Length, inches (mm)	16 (406)
Weight, lb (kg)	6.4 (3.09)
Replacement Pad/Disc	AT475A-29

AT475A 16" Heavy-Duty Inline Sander (Blue-Point®)

- 5/8" stroke
- Minimal vibration
- Used for fast material removal
- Pad has positive locking clamps

AIR: FINISHING TOOLS (Blue-Point®)

Sanding Belts

Stock No.	Type	Size	Grit	Package Quantity
ATBA1218120	Coated Abrasive	1/2 x 18"	120	5 Each
ATBA121860	Coated Abrasive	1/2 x 18"	60	5 Each
ATBA121880	Coated Abrasive	1/2 x 18"	80	5 Each
ATBA3418120	Coated Abrasive	3/4 x 18"	120	5 Each
ATBA341860	Coated Abrasive	3/4 x 18"	60	5 Each
ATBA341880	Coated Abrasive	3/4 x 18"	80	5 Each
ATBA3818120	Coated Abrasive	3/8 x 18"	120	5 Each
ATBA381860	Coated Abrasive	3/8 x 18"	60	5 Each
ATBA381880	Coated Abrasive	3/8 x 18"	80	5 Each
ATBB1218100	Non-Woven Abrasive	1/2 x 18"	100	5 Each
ATBB1218240	Non-Woven Abrasive	1/2 x 18"	240	5 Each
ATBB121850	Non-Woven Abrasive	1/2 x 18"	50	5 Each
ATBB3418100	Non-Woven Abrasive	3/4 x 18"	100	5 Each
ATBB3418240	Non-Woven Abrasive	3/4 x 18"	240	5 Each
ATBB341850	Non-Woven Abrasive	3/4 x 18"	50	5 Each
ATBB3818100	Non-Woven Abrasive	3/8 x 18"	100	5 Each
ATBB3818240	Non-Woven Abrasive	3/8 x 18"	240	5 Each
ATBB381850	Non-Woven Abrasive	3/8 x 18"	50	5 Each



ATBA1218120



AT615K

AT615K Belt Sander Kit

- Includes belt sander, (3) 18 x 3/8" sanding belts (60-, 80-, 120-grit), (3) 18 x 1/2" sanding belts (60-, 80-, 120-grit) and (3) 18 x 3/4" sanding belts (60-, 80-, 120-grit)

AT615-31 Collet Assembly (1/4")

- Optional 1/4" collet assembly for use with the AT615 Belt Sander

AT615ARM1 Contact Arm Assembly (1" D x 3/8" W; rubber)

- Used with the AT615 Belt Sander

AT615ARM2 Contact Arm Assembly (3/4" D x 3/8" W; rubber)

- Used with the AT615 Belt Sander

AT615ARM3 Contact Arm Assembly (3/4" D x 5/8" W)

- Used with the AT615 Belt Sander

Polishers (Blue-Point®)

Specifications	AT4500P
Style	Vertical Polisher
Pad Size, inches (mm)	7 (77)
Rated Power, HP	0.7
Free Speed, RPM	2,300
Spindle Thread Range, inches	5/8-11
Air Consumption CFM	3.6
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Air Pressure, PSI	90
Vibration Level m/s ²	9
Sound Level, dB(A)	108
Length, inches (mm)	16 (406)
Weight, lb (kg)	4.95 (2.25)

CE - DE, ES, FR, IT, GB, NL

AT4500P 7" Heavy-Duty Vertical Polisher (Blue-Point®)

- Powerful air motor is ideal for sanding and polishing
- Variable-speed throttle for use on a variety of surfaces
- Dual side-handle mounts for optimal control
- Handle grips for increased comfort



AT4500P



- Do not overload.
- Do not use sanding discs or accessories above their maximum rated RPM.
- Read Safety Precautions on pages 371-374.

AIR: FINISHING TOOLS (Blue-Point®)



AT187

Engraving Pens (Blue-Point®)

AT187 Engraving Pen (Blue-Point®)

- Marks tools and other objects to prevent theft
- Used on hardened-steel plate (up to HRC55), metals, glass, stone, ceramic, plastics and more
- Used for deburring operations and reshaping screw/bolt heads for removal
- Rugged metal housing
- Knurled fingertip control
- Tips sold separately

AT187-11 45° Thick Plate Carbide Tip (Blue-Point®)

- For AT187

AT187-13 15° Thin Plate Carbide Tip (Blue-Point®)

- For AT187

AT187-14 30° Medium Plate Carbide Tip (Blue-Point®)

- For AT187



AT401MCA



AT402MCA



AT403MCA

Micro Sander and Polisher Kits (Blue-Point®)

Specifications	AT401MCA	AT402MCA	AT403MCA
Style	Micro Surface Prep	Micro Sander	Micro Polisher
Pad/Disc Size, Dia., inches (mm)	3 (76)	3 (76)	3 (76)
Rated Power, HP (kW)	0.25 (.19)	0.25 (.19)	0.25 (.19)
Free Speed, RPM	15,000	15,000	6,000
Spindle Thread, inches	1/4"-20	5/16"-24 UNF	5/16"-24 UNF
Air Consumption, Free Speed, CFM (SCFM) [l/min]	2.1 (15) [59]	2.1 (15) [59]	2.2 (16) [62]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s ²	<2.5	<2.5	<2.5
Sound Level dB(A) Pressure	84	84	86
Length, inches (mm)	4.7 (119)	5.2 (133)	5.6 (143)
Weight, lb (kg)	0.97 (0.44)	1.1 (0.50)	1.3 (0.60)

AT401MCA/AT402MCA/AT403MCA Micro Series (Blue-Point®)

- Powerful direct drive gear train for greater durability
- Large two-finger trigger for better control
- High-quality bearings for longer tool life
- Composite housing with comfort grip insulates from the cold
- Bottom handle diffused exhaust
- Variable-speed trigger



AT401MCKA

AT401MCKA Micro Surface Prep Tool Kit (Blue-Point®)

- Includes AT401MCA Micro Surface Prep Tool, (1) 2" ROLOC® pad, (1) 3" ROLOC® pad, (5) 2" 40 grit pads and (5) 3" 80 grit pads in a storage case



AT402MCKA

AT402MCKA Micro Dual-Action Sander Kit (Blue-Point®)

- Includes AT402MCA Micro Sander, (1) 3" Hookit® pad, (25) 3" 180 grit pads, (25) 3" 200 grit pads, (10) 3" 320 grit pads and (10) 3" 800 grit pads in a storage case



AT403MCKA

AT403MCKA Micro Polisher Kit (Blue-Point®)

- Includes AT403MCA Micro Polisher, (1) 3" Hookit® pad, (1) 3" wool pad, and (1) 3" foam pad in a storage case

AIR: FINISHING TOOLS (Blue-Point®)

Tire Buffer

AT240 Tire Buffer (Blue-Point®)

- Used for tire patch preparation, roughing up rubber for tire recaps plus removing excess rubber
- Speed regulator for improved tool control
- Comfort grip housing for reduced operator fatigue
- Rear exhaust directs air away from the work
- Semicircle buffing wheel for maximum surface preparation



AT240

Pinstripe Removal Tool

AT265A Pinstripe Removal Tool (Blue-Point®)

- Use to remove pinstripes, adhesive, tape and graffiti
- Includes (3) 3-1/2" eraser pads to keep you working longer
- Eraser-design step-pad for improved visibility during operation
- Comfort grip handle for less fatigue
- Auxiliary side handle for improved tool control



AT265A

AT265E Eraser



AT1212A

Needle Scaler

Stock No.	Type	Rated Power, HP (kW)	Free Speed, RPM	Air Consumption, Free Speed, CFM (SCFM) [l/min]	Air Inlet Thread Size, inches (NPT)	Vibration Level, m/s ²	Sound Level dB(A) Pressure	Length, inches (mm)	Weight, lb (kg)	Recommended Hose Size, inches (mm)
AT240	Buffer	0.4 (298)	3,600	3.7 (26.6) [104.7]	1/4 (16)	1.18	89	9.1 (233)	1.8 (.82)	3/8 (10)
AT265A	Material Remover	0.4 (298)	3,600	3.7 (26.6) [104.7]	1/4 (16)	0.69	88	8.1 (206)	1.8 (.82)	3/8 (10)
AT1212A	Scaler	—	4,000 BPM	4.9 (11.15) [112]	1/4 (16)	11.4	90	12.5 (318)	2.94 (1.26)	3/8 (10)

AT1212A Mini Needle Scaler (Blue-Point®)

- Mini size for access in confined areas
- (12) high-tension steel needles conform to any irregular surface for cleaning crevices
- Smooth palm-controlled trigger mechanism for ease of operation

AT1212A-16 Needles (12 pk)



- Use only accessories intended for each tool.
- Do not use accessories above their maximum recommended RPM.
- Read Safety Precautions on pages 371-374.

AIR: FINISHING TOOLS



PTGR280

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

Remove-All Tool

Specifications	PTGR280
Style	Material Removal Tool
Rated Power, HP (kW)	0.45 (33)
Free Speed, RPM	3,500
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (28) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (10)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s ²	2.8
Sound Level, dB(A)	88
Length, inches (mm)	12 (304)
Weight, lb (kg)	2.4 (1.08)
Rubber Eraser Wheel (opt.)	PT280303MP3

CE - DE, ES, FR, IT, GB, NL, JP

PTGR280 Crud Thug® Removal Air Tool

- Quickly removes seam sealers, rust, paint and underbody coatings
- Optional rubber eraser wheel for removing pinstripes and graphics
- Easily removes automotive crud without fumes, heat buildup or surface damage
- Includes (1) fine wire wheel and (1) coarse wire wheel
- Thermally balanced air motor routes air between the housing and liner for cooler tool temperatures and longer life
- Planetary gear system for increased torque
- Ergonomic cushion grip insulates against cold and vibration
- Adjustable rear exhaust allows user to direct airflow away from work area
- 10-position power/speed regulator allows easy RPM adjustment
- Paddle-style trigger for precise speed control



SPPT280-300



PT280-300-11



PT280-301-11



PT280-302-11



PT280-302MP5



PT280-304-11



PT280-305-11



PT280-305-23



PT280-306-11



PT280-306-23

Remove-All Tool Accessory Belts

Stock No.	Description	Maximum Safe Free Speed, RPM	Wheel Diameter, inches (mm)	Width, inches (mm)	Wire Style
SPPT280-300	Wheel Hub Set	4,900	4 (102)	W10 and 1-1/8 (23 and 30)	—
PT280-300-11	Hub	4,900	4 (102)	4 (10)	—
PT280-301-11	Wire Wheel (Coarse)	4,900	4 (102)	4 (10)	Bent, sharpened spring steel tips
PT280-301-23	Wire Wheel (Coarse)	4,900	4 (102)	23 (584)	Bent, sharpened spring steel tips
PT280-301MP5	Wire Wheel (Coarse)	4,900	4 (102)	23 (584)	Bent, sharpened hardened spring steel tips
PT280-302-11	Wire Wheel (Fine)	4,900	4 (102)	4 (10)	Straight, hardened spring steel tips
PT280-302-23	Wire Wheel (Fine)	4,900	4 (102)	23 (584)	Straight, hardened spring steel tips
PT280-302MP5	Wire Wheel (Fine)	4,900	4 (102)	23 (584)	Straight, hardened spring steel tips
PT280-303-30	Rubber Eraser Wheel	3,500	4.13 (104.9)	30 (762)	Rubber Eraser
PT280-303MP3	Rubber Eraser Wheel	3,500	4.13 (104.9)	30 (762)	Rubber Eraser
PT280-304-23	Stainless Steel Wire Wheel (Fine)	4,900	4 (102)	23 (584)	Straight tip stainless-steel
PT280-304-11	Stainless Steel Wire Wheel (Fine)	4,900	4 (102)	4 (10)	Straight, hardened stainless-steel tips
PT280-305-11	Stainless Steel Wire Wheel (Coarse)	4,900	4 (102)	4 (10)	Bent, sharpened stainless-steel tips
PT280-305-23	Stainless Steel Wire Wheel (Coarse)	4,900	4 (102)	23 (584)	Bent, sharpened stainless-steel tips
PT280-306-11	Wire Wheel (Medium)	4,900	4 (102)	4 (10)	Bent, sharpened spring steel tips
PT280-306-23	Wire Wheel (Medium)	4,900	4 (102)	23 (584)	Bent, sharpened spring steel tips

AIR/CORDLESS TOOL BOOTS



Protective Boots

Description	Size	Power Tool	Stock No.	
Air Impact Wrench Boots	1/4" Sq. Drive	AT225B Series	YA975	
		AT321	AT321-44	
		AT360	AT360-25	
		AT365	AT365BOOT	
		AT370	AT370BOOT	
	3/8" Sq. Drive	AT380 Series	AT380BOOT	
		CT30 Series	YA968	
		MG31	MG31BOOT	
		MG325 Series	MG325BOOT*	
		AT365A	YA977	
		IM31 Series	YAB77A	
		IM32 Series	YA1032	
		1/2" Sq. Drive	AT123 Series	AT123-45
			IMC500	IMC500BOOT
			AT560	AT560BOOT
	AT570		AT570BOOT	
	AT600		AT600-23	
	MG725 Series		MG725BOOT*	
	PT850		PT850BOOT*	
	AT500C, AT500D		YA972	
	IM51 Series / IM510 Series		YAB48	
	IM5100 Series		YA978	
	3/4" Sq. Drive	IM6100 Series/ IM6500HP	YA980	
		IM75	YA770	
		AT670	AT670BOOT	
		AT760	AT760BOOT	
		MG1200, MG1250 Series	MG1200BOOT	
—	AT775, AT775L	YA979		
	XT7100 Series	XT7100BOOT		
Air Hammer Boots	—	AT2050	AT2050BOOT	
		PH3050, PH3050A, PH3050B	PH3050RBOOT	
		PH2045, PH2050	YA20500	

*Colors Available

Description	Size	Power Tool	Stock No.
Ratchet Boots	1/4" Sq. Drive, 3/8" Sq. Drive	AT200 Series, AT205 Series	AT200D22A,
		PTR200A, FAR2500, FAR2505, PTR205A, PTR215A, PTR225A and all 14.4 V ratchets, including CTR814, CTR817, CTR861, CTR867, CTR762 and CTR768	YA905
		AT700 Series, AT702, AT705 Series	AT700E49A
	1/2" Sq. Drive, 3/8" Sq. Drive	FAR25, FAR25A	YA888
	3/8" Sq. Drive	FAR7000	FAR7000BOOT
		FAR7200, FAR72B, FAR72C, ETB14460A	YA889A
Air Drill Boots	3/8" Capacity	AT3000	AT3000BOOT
		AT5000	AT5000BOOT
		PDR3A, PDR3000, PDR3001	YA883
Battery Boot	14.4 V	CTB4145, CTB4147 Series	CTB4145BOOT
		CTB8172 Series	CTB8172BOOT*
	18 V	CTB4185, CTB4187 Series	CTB4185BOOT
Air Impact Wrench Boot (Blue Point®)	3/8" Sq. Drive	CT3110, CT3110HP Series	YA969
	3/8" Sq. Drive, 1/2" Sq. Drive	CT310 Series, CT3450, CT3850 Series	YA982
Cordless Impact Wrench Boot	1/2" Sq. Drive	CT4850, CT6650, CT6855 Series	CT4850BOOT
		CT4410A Series	CT4410AGBOOT
		CT4410A Series	CT4410BOOT
		CT6850 Series	CT6850MRBOOT
		CT7850 Series	CT7850BOOT
	1/2" and 3/8" Sq. Drive	CT8850, CT6818 Series	CT8850BOOT*
		CT9050 Series	CT9050BOOT
		CT9075, CT9050 Series	CT9075BOOT
	3/8" Sq. Drive	CT8810, CT8815, CT4435, CT4818	CT8810BOOT*
		CT761 Series	CT761BOOT*
3/8" Sq. Drive	CT861 Series	CT861BOOT	
3/8" Sq. Drive	CT9010	CT9010BOOT	

*Colors Available

Colors Available



Red Green Hi-Viz

* G MV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Use only accessories intended for each tool.
- Do not use accessories above their maximum recommended RPM.
- Do not use chipped or damaged accessories.
- Read Safety Precautions on pages W1-W4.

DRILL ACCESSORIES



PTND4KA



PTNDM4KA



PTND5K

Magnetic Power Nut Drivers

- Magnets keep ferrous metal fasteners positioned in the driver
- High-grade alloy material for long-lasting durability
- Storage case keeps tools organized under the hood and on the bench

PTND4KA 4 pc SAE Magnetic Power Nut Setter Set

- Includes (4) magnetic power nut setters (1/4", 5/16", 3/8" and 1/2") in a storage case
- Magnets keep ferrous metal fasteners positioned in the driver
- High-grade alloy material for long-lasting durability

Stock No.	Description
PTND4KA516	5/16 SAE Magnetic Power Nut Setter
PTND4KA14	1/4" SAE Magnetic Power Nut Setter (Blue-Point®)
PTND4KA12	1/2" SAE Magnetic Power Nut Setter
PTND4KA38	3/8" SAE Magnetic Power Nut Setter (Blue-Point®)
PTNDM4KA8	8 mm Metric Magnetic Power Nut Setter (Blue-Point®)
PTNDM4KA10	10 mm Metric Magnetic Power Nut Setter (Blue-Point®)
PTNDM4KA12	12 mm Metric Magnetic Power Nut Setter
PTNDM4KA14	14 mm Metric Magnetic Power Nut Setter (Blue-Point®)
PTND5K716	7/16" SAE Magnetic Power Nut Setter (Blue-Point®)

PTNDM4KA 4 pc Metric Magnetic Power Nut Setter Set

- Includes (4) magnetic power nut setters (8, 10, 12 and 14 mm) in a storage case
- Magnets keep ferrous metal fasteners positioned in the driver
- High-grade alloy material for long-lasting durability

PTND5K 5 pc SAE Magnetic Nut Driver Set (Blue-Point®)

- Includes (5) magnetic power nut setters (1/4", 5/16", 3/8", 7/16" and 1/2") in a storage case
- All drivers 2-1/2" long
- Magnets keep ferrous metal fasteners positioned in the driver
- High-grade alloy material for long-lasting durability
- Storage case to keep the tools organized under the hood and on the bench



AT3000-26



DC15014



DC15038



DCBP500



PD30-3

Drill Accessories

AT3000-26 3/8" Keyless Chuck

- Use for AT3000 air drill

AT5000-6 Drill Chuck

- 1/2" keyed chuck fits AT5000
- Thread size 1/2"-20;
- Capacity 1/16" - 1/2"
- Key not included

AT5000-6-1 Chuck Key

- 1/2" chuck key for AT5000

AT825-7 Chuck Key

- Chuck Key, 1/4"

DC150 8 pc Chuck Set (Blue-Point®)

- Includes 1/4" and 3/8" drill chucks, a chuck key and (5) stubby drill bits in 1/8", 3/16", 1/4", 5/16" and 3/8" sizes
- Includes a storage case

DC15014 1/4" Drill Chuck (Blue-Point®)

- Converts 1/4" drive impact wrenches to three-jaw, drill type chuck operation for impact drilling

DC15038 3/8" Drill Chuck (Blue-Point®)

- Converts 3/8" drive impact wrenches to three-jaw, drill type chuck operation for impact drilling

DC205989 S2A Chuck Key

- Use for DC208881 drill chuck

DC317255 3/8" Drill Chuck (For PDR3A)

- 3/8" chuck fits AT3000 drill
- Thread size 3/8"-24;
- Capacity 1/32" - 3/8"
- Includes PD3A3 chuck key

DCBP500 1/2" Keyless Chuck

- Use on AT5000 air drill

DC64527 1/2" Drill Chuck

- 1/2" chuck fits AT3000 drill
- Thread size 3/8"-24;
- Capacity 1/16" - 1/2"
- Includes PD30-3 chuck key

PD30-3 Chuck Key

- For PDR3A drill

PD3A3 Chuck Key

- 3/8" chuck key for PDR3A and AT800 drills

DRILL ACCESSORIES

Double Square Bit

BTSS620 Double Square Power Bit

- Provides extra clearance and minimizes tool contact with the work surface
- Minimizes potential damage to painted panels on RVs and trailers
- Ideal for use with all types of drills
- 6" long



BTSS620



DC150

Drill Accessories

DC150 8 pc Chuck Set (Blue-Point®)

- Includes 1/4" and 3/8" drill chucks, a chuck key and (5) stubby drill bits in 1/8, 3/16, 1/4, 5/16 and 3/8" sizes
- Includes a storage case

BIT SETS (Blue Point®)

Power Bit Sets

YA52PBSQC 52 pc Power Bit Set (Blue-Point®)

- For use with Snap-on® cordless screwdrivers and other power drivers
- Includes (7) six-lobe star (tamper-proof) insert bits, (3) square insert bits, (4) PHILLIPS® insert bits, (4) slotted insert bits, (7) hex insert bits, (2) clutch insert bits, (6) six-lobe star (tamper-proof) power bits, (3) square power bits, (3) PHILLIPS® power bits, (3) slotted power bits, (3) hex power bits, (3) socket adaptors, (1) quick-change chuck, (2) PHILLIPS® double end bits and (1) square bit holder in a storage case



YA52PBSQC

CTSS61BITSET 23 pc 1/4" Drive Quick-Change Bit Set (Blue-Point®)

- For use with Snap-on® cordless screwdrivers and other power drivers
- Manufactured from industrial-grade tool steel
- Includes (22) bits (all 3" long), plus a 1/4" square drive (2" long)
- Includes PHILLIPS® bits #0, #1, #2; flat tip bits 5/32", 3/16", 7/16", 1/4", 9/32"; TORX® bits T10, T15, T20, T25, T27, T30, T40; hex bits 3/32", 7/64, 1/8", 5/32", 3/16", 7/32" and 1/4" in a storage case



CTSS61BITSET

PTB32K 32 pc 1/4" Hex Shank Power Bit Set (Blue-Point®)

- For use with Snap-on® cordless screwdrivers and other power drivers
- Includes (2) adaptors, (5) flat tip bits 5/32"–9/32", (7) hex bits 3/32"–1/4", (4) PHILLIPS® bits 0, 1, 2 and 3, (4) Pozidriv® bits 0, 1, 2 and 3, (7) TORX® tamper-resistant bits T10–T40, (3) square bits 0, 1 and 2
- Storage case clearly indicates bit type and size



PTB32K

SPECIALIZED DRILL BITS

90° Angle Drill Set

YA 409 90° Angle Drill Kit (Blue-Point®)

- Allows drilling up to 1/4" holes in confined areas by positioning the bit at a 90° angle to the drill
- Threaded drill bits provide consistent concentricity and eliminate slippage
- Includes YA409 Drive unit; chucking spud; YA409-316M 3/16" bit (1-1/4" long); YA409-18L 1/8" bit (2-1/8" long); YA409-332L 3/32" bit (2-1/8" long); YA409-18M 1/8" bit (1-1/4" long); YA409-532M 5/32" bit (1-1/4" long); YA409-18S 1/8" bit (3/4" long); YA409-15 Storage Case



YA409

WARNING

- Do not use bits with impact drivers.
- Read Safety Precautions on pages W3–W4

DRILL BITS



DBTBC121

DBTBC129



ThunderBit® Cobalt, 135° Split Point

- For drilling at higher speeds in tougher drilling conditions
- Feature 135° split points for easier drill starting without the need for center punching
- Heavy-duty web construction for higher strength and less breakage
- Improved chip ejection through a specially engineered flute design

Set Contains:		DBTBC121		DBTBC129	
Stock No.	Size, inches				
DBTBC1/16 ¹	1/16	*	*		
DBTBC5/64 ²	5/64	*	*		
DBTBC3/32 ²	3/32	*	*		
DBTBC7/64 ³	7/64	*	*		
DBTBC1/8 ³	1/8	*	*		
DBTBC9/64 ³	9/64	*	*		
DBTBC5/32 ³	5/32	*	*		
DBTBC11/64 ³	11/64	*	*		
DBTBC3/16 ³	3/16	*	*		
DBTBC13/64 ³	13/64	*	*		

Set Contains:		DBTBC121		DBTBC129	
Stock No.	Size, inches				
DBTBC7/32 ¹	7/32	*	*		
DBTBC15/64 ²	15/64	*	*		
DBTBC1/4 ²	1/4	*	*		
DBTBC17/64 ³	17/64	*	*		
DBTBC9/32 ³	9/32	*	*		
DBTBC19/64 ³	19/64	*	*		
DBTBC5/16 ³	5/16	*	*		
DBTBC21/64 ³	21/64	*	*		
DBTBC11/32 ³	11/32	*	*		
DBTBC23/64 ³	23/64	*	*		

Set Contains:		DBTBC121		DBTBC129	
Stock No.	Size, inches				
DBTBC3/8 ¹	—	*	*		
DBTBC25/64 ¹	25/64	*	*		
DBTBC13/32 ¹	13/32	*	*		
DBTBC27/64 ¹	27/64	*	*		
DBTBC7/16 ¹	7/16	*	*		
DBTBC15/32 ¹	15/32	*	*		
DBTBC29/64 ¹	29/64	*	*		
DBTBC31/64 ¹	31/64	*	*		
DBTBC1/2 ¹	1/2	*	*		
B121B ²	Metal Index	*	*		
B129B ²	Metal Index	*	*		

DBTBC121¹ 21 pc Cobalt ThunderBit® 135° Split Point Drill Bit Set (1/16–3/8")

- Includes DBTBC1/16–DBTBC3/8 in a metal drill index

DBTBC129¹ 29 pc Cobalt ThunderBit® 135° Split Point Drill Bit Set (1/16–1/2")

- Includes DBTBC1/16–DBTBC1/2 in a metal drill index
- Bits drill at higher speeds in tougher drilling conditions
- 135° split points for easier drill starting without the need for center punching
- Heavy-duty web construction for higher strength and less breakage
- Improved chip ejection through a specially engineered flute design



DBTBM125K



ThunderBit® Metric High-Speed Steel, 135° Split Point

- 135° split points for easier drill starting without the need for center punching
- Semi-parabolic design provides improved chip and shaving ejection away from the hole to reduce heat on the bit
- Made with M2 premium high-speed steel
- Black and gold finish for multiple applications

Set Contains:			DBTBM125K ¹		
Stock No.	Size, mm	Length, mm (inches)			
DBTBM1 ¹	1	41 (1.61)	*	*	
DBTBM1.5 ¹	1.5	46 (1.80)	*	*	
DBTBM2 ¹	2	51 (2.01)	*	*	
DBTBM2.5 ¹	2.5	60 (2.36)	*	*	
DBTBM3 ¹	3	70 (2.76)	*	*	
DBTBM3.5 ¹	3.5	73 (2.87)	*	*	
DBTBM4 ¹	4	83 (3.27)	*	*	
DBTBM4.5 ¹	4.5	86 (3.39)	*	*	
DBTBM5 ¹	5	92 (3.62)	*	*	

Set Contains:			DBTBM125K ¹		
Stock No.	Size, mm	Length, mm (inches)			
DBTBM5.5 ¹	5.5	95 (3.74)	*	*	
DBTBM6 ¹	6	102 (4.02)	*	*	
DBTBM6.5 ¹	6.5	105 (4.13)	*	*	
DBTBM7 ¹	7	105 (4.13)	*	*	
DBTBM7.5 ¹	7.5	111 (4.37)	*	*	
DBTBM8 ¹	8	114 (4.49)	*	*	
DBTBM8.5 ¹	8.5	121 (4.76)	*	*	
DBTBM9 ¹	9	124 (4.88)	*	*	
DBTBM9.5 ¹	9.5	127 (5)	*	*	

Set Contains:			DBTBM125K ¹		
Stock No.	Size, mm	Length, mm (inches)			
DBTBM10 ¹	10	130 (5.12)	*	*	
DBTBM10.5 ¹	10.5	133 (5.24)	*	*	
DBTBM11 ¹	11	140 (5.51)	*	*	
DBTBM12 ¹	12	149 (5.87)	*	*	
DBTBM12.5 ¹	12.5	152 (5.98)	*	*	
DBTBM13 ¹	13	152 (5.98)	*	*	

ThunderBit® High Speed Steel, 135° Split Point

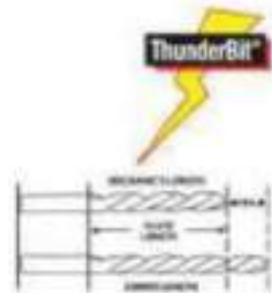
- Industrial-grade steel with bronze-oxide surface treatment
- Bits will drill at higher speeds in tougher drilling conditions
- 135° split points for easier drill starting without the need for center punching
- Heavy-duty web construction for higher strength and less breakage
- Improved chip ejection through a specially engineered flute design



DBTB121



DBTB129



Stock No.	Size, inches	Set Contains:	
DBTB1/16 ¹	1/16	•	•
DBTB1/2 ¹	1/2	•	•
DBTB1/4 ¹	1/4	•	•
DBTB1/8 ¹	1/8	•	•
DBTB11/32 ²	11/32	•	•
DBTB11/64 ¹	11/64	•	•
DBTB13/32 ²	13/32	•	•
DBTB13/64 ¹	13/64	•	•
DBTB15/32 ²	15/32	•	•
DBTB15/64 ¹	15/64	•	•

Stock No.	Size, inches	Set Contains:	
DBTB17/64 ¹	17/64	•	•
DBTB19/64 ¹	19/64	•	•
DBTB21/64 ¹	21/64	•	•
DBTB23/64 ¹	23/64	•	•
DBTB25/64 ¹	25/64	•	•
DBTB27/64 ¹	27/64	•	•
DBTB29/64 ¹	29/64	•	•
DBTB3/16 ²	3/16	•	•
DBTB3/32 ²	3/32	•	•
DBTB3/8 ²	3/8	•	•

Stock No.	Size, inches	Set Contains:	
DBTB31/64 ¹	31/64	•	•
DBTB5/16 ²	5/16	•	•
DBTB5/32 ²	5/32	•	•
DBTB5/64 ²	5/64	•	•
DBTB7/16 ²	7/16	•	•
DBTB7/32 ²	7/32	•	•
DBTB7/64 ¹	7/64	•	•
DBTB9/32 ²	9/32	•	•
DBTB9/64 ¹	9/64	•	•
B121B ²	Metal Index	•	•
B129F ¹	Metal Index	•	•

DBTB121¹ 21 pc Jobber Length ThunderBit® High-Speed 135° Split Point Drill Bit Set (1/16–3/8")

- Includes DBTB1/16–DBTB3/8 (21 bits) in a metal drill index

DBTB129¹ 29 pc Jobber Length ThunderBit® High-Speed 135° Split Point Drill Bit Set (1/16–1/2")

- Includes 1/16–1/2" in a metal drill index

Mechanic's Length, 135° Point with Three-Flat Shank

Stock No.	Size, inches	Set Contains:	
DBTR1/16 ²	1/16	•	•
DBTR5/64 ²	5/64	•	•
DBTR3/32 ²	3/32	•	•
DBTR7/64 ²	7/64	•	•
DBTR1/8 ²	1/8	•	•
DBTR9/64 ²	9/64	•	•
DBTR5/32 ²	5/32	•	•
DBTR11/64 ²	11/64	•	•
DBTR3/16 ²	3/16	•	•
DBTR13/64 ²	13/64	•	•
DBTR7/32 ²	7/32	•	•
DBTR15/64 ²	15/64	•	•
DBTR1/4 ²	1/4	•	•
DBTR17/64 ²	17/64	•	•
DBTR9/32 ²	9/32	•	•

Stock No.	Size, inches	Set Contains:	
DBTR19/64 ²	19/64	•	•
DBTR5/16 ²	5/16	•	•
DBTR21/64 ²	21/64	•	•
DBTR11/32 ²	11/32	•	•
DBTR23/64 ²	23/64	•	•
DBTR3/8 ²	3/8	•	•
DBTR25/64 ²	25/64	•	•
DBTR13/32 ²	13/32	•	•
DBTR27/64 ²	27/64	•	•
DBTR7/16 ²	7/16	•	•
DBTR29/64 ²	29/64	•	•
DBTR15/32 ²	15/32	•	•
DBTR31/64 ²	31/64	•	•
DBTR1/2 ²	1/2	•	•
B128M	Metal Index	•	•
DBTR11-3 ²	Kit Bag	•	•



DBTR11



DBTR129

DBTR11² 11 pc High-Speed Mechanic's Length 135° Point with Three-Flat Shank Drill Bit Set

- Includes (11) high-speed mechanic's length 135° point with three flat shank drill bits (1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32 and 3/8") in a kit bag

DBTR129¹ 29 pc High-Speed Mechanic's Length 135° Point with Three-Flat Shank Drill Bit Set

- Includes (29) drill bits (1/16–1/2") in a metal drill index



†These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details. • Read Safety Precautions on pages W1–W4

DRILL BITS



GA219B

Hole Cutters

GA219B Hole Cutter Kit (Blue-Point™)

- Cuts holes in sheet metal, pipe, plastic and wood up to 1/4" thick
- Special design helps to prevent clogging; cutting doesn't need to be interrupted to clear chips
- Includes (7) high-speed steel cutters (5/16, 3/8, 7/16, 1/2, 9/16, 5/8 and 3/4"), an arbor with a spring-loaded pilot guide, a hex wrench, an extra pilot, stop and spacer washers in a storage case

- GA219A1MP3 5/16" Cutter
- GA219A2MP3 3/8" Cutter
- GA219A3MP3 7/16" Cutter
- GA219A4MP3 1/2" Cutter
- GA219A5MP3 9/16" Cutter
- GA219A7MP3 5/8" Cutter
- GA219A10MP3 3/4" Cutter
- GA219-9A Arbor

- GA219A9A 3/8"-24 Arbor Assembly with Pilot
- GA219B1 Center Punch
- GA219A9-2A Ejector Spring
- GA219A8 Pilot
- GA219A12 3/8 x 7/8" Stop Washer with Flats
- GA219A13 Washer 3/8 x 9/16



DBTRCS11

Cobalt Short Length Drill Bits

Set Contains:

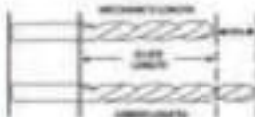
Stock No.	Length, inches	
DBTRCS1/16"	1.65	•
DBTRCS3/32"	1.78	•
DBTRCS1/8"	1.94	•
DBTRCS5/32"	2.13	•
DBTRCS3/16"	2.25	•
DBTRCS7/32"	2.44	•
DBTRCS1/4"	2.58	•
DBTRCS9/32"	2.77	•
DBTRCS5/16"	2.90	•
DBTRCS11/32"	3.10	•
DBTRCS3/8"	3.24	•

DBTRCS11[†] 11 pc Cobalt Short Length Drill Bit Set

- Shorter length bits access tight spaces
- Flats on larger-sized drill bits provide a better grip on the tool in the chuck (3/16-3/8")
- Comes with custom kit bag



DB113C



Jobber Length, 118° Point

Set Contains:

Stock No.	Size, inches	DB113C [†]	DB121C [†]	DB129C [†]
DBF1/16C [†]	1/16	•	•	•
DBF5/64C [†]	5/64	•	•	•
DBF3/32C [†]	3/32	•	•	•
DBF7/64C [†]	7/64	•	•	•
DBF1/8C [†]	1/8	•	•	•
DBF9/64C [†]	9/64	•	•	•
DBF5/32C [†]	5/32	•	•	•
DBF11/64C [†]	11/64	•	•	•
DBF3/16C [†]	3/16	•	•	•
DBF13/64C [†]	13/64	•	•	•
DBF7/32C [†]	7/32	•	•	•
DBF15/64C [†]	15/64	•	•	•
DBF1/4C [†]	1/4	•	•	•
DBF17/64C [†]	17/64	•	•	•
DBF9/32C [†]	9/32	•	•	•
DBF19/64C [†]	19/64	•	•	•

DB121C[†] 21 pc High-Speed Jobber Length 118° Point Drill Bit Set

- Includes (21 pc) (1/16-3/8")
- Includes metal drill index

Set Contains:

Stock No.	Size, inches	DB113C [†]	DB121C [†]	DB129C [†]
DBF5/16C [†]	5/16	•	•	•
DBF21/64C [†]	21/64	•	•	•
DBF11/32C [†]	11/32	•	•	•
DBF23/64C [†]	23/64	•	•	•
DBF3/8C [†]	3/8	•	•	•
DBF25/64C [†]	25/64	•	•	•
DBF13/32C [†]	13/32	•	•	•
DBF27/64C [†]	27/64	•	•	•
DBF7/16C [†]	7/16	•	•	•
DBF29/64C [†]	29/64	•	•	•
DBF15/32C [†]	15/32	•	•	•
DBF31/64C [†]	31/64	•	•	•
DBF1/2C [†]	1/2	•	•	•
B113B [†]			•	
B121C [†]	Metal Drill Index		•	
B129C [†]				•

DB129C[†] 29 pc High-Speed Jobber Length 118° Point Drill Bit Set

- Includes (29 pc) (1/16-1/2")
- Includes metal drill index



DB129C

DB113C[†] 13 pc High-Speed Jobber Length 118° Point Drill Bit Set

- Includes (13 pc) (1/16-1/4")
- Includes metal drill index

Jobber Length, Letter Size, 118° Point



Stock No.	Decimal Equivalent, inches	Set Contains:
DBAA1A ¹	.234 (A)	•
DBAA1B ¹	.238 (B)	•
DBAA1C ¹	.242 (C)	•
DBAA1D ¹	.246 (D)	•
DBAA1E ¹	.250 (E)	•
DBAA1F ¹	.257 (F)	•
DBAA1G ¹	.261 (G)	•
DBAA1H ¹	.266 (H)	•
DBAA1I ¹	.272 (I)	•
DBAA1J ¹	.277 (J)	•
DBAA1K ¹	.281 (K)	•
DBAA1L ¹	.290 (L)	•
DBAA1M ¹	.295 (M)	•

Stock No.	Decimal Equivalent, inches	Set Contains:
DBAA1N ¹	.302 (N)	•
DBAA1O ¹	.306 (O)	•
DBAA1P ¹	.323 (P)	•
DBAA1Q ¹	.332 (Q)	•
DBAA1R ¹	.339 (R)	•
DBAA1S ¹	.348 (S)	•
DBAA1T ¹	.356 (T)	•
DBAA1U ¹	.366 (U)	•
DBAA1V ¹	.377 (V)	•
DBAA1W ¹	.386 (W)	•
DBAA1X ¹	.397 (X)	•
DBAA1Y ¹	.404 (Y)	•
DBAA1Z ¹	.413 (Z)	•
B126C ²	Metal Index	•

DBA126B² 26 pc High-Speed Jobber Length Letter Size 118° Point Drill Bit Set
 • Includes (26 pc) (.234-.413") (A-Z) in a metal index (B126C)



DBA126B

Jobber Length, Metric, 118° Point

Stock No.	Size, mm	Set Contains:
DBM1A ¹	1	•
DBM1.5A ¹	1.5	•
DBM2.5A ¹	2.5	•
DBM2A ¹	2	•
DBM3A ¹	3	•
DBM3.5A ¹	3.5	•
DBM4A ¹	4	•
DBM4.5A ¹	4.5	•
DBM5A ¹	5	•
DBM5.5A ¹	5.5	•
DBM6A ¹	6	•
DBM6.5A ¹	6.5	•
DBM7A ¹	7	•

Stock No.	Size, mm	Set Contains:
DBM7.5A ¹	7.5	•
DBM8A ¹	8	•
DBM8.5A ¹	8.5	•
DBM9A ¹	9	•
DBM9.5A ¹	9.5	•
DBM10A ¹	10	•
DBM10.5A ¹	10.5	•
DBM11A ¹	11	•
DBM11.5A ¹	11.5	•
DBM12A ¹	12	•
DBM12.5A ¹	12.5	•
DBM13A ¹	13	•
B125C ²	Metal Index	•

DBM125C² 25 pc Jobber Length Metric Size 118° Point Drill Bit Set
 • Includes (25 pc) (1-13 mm) in a metal index (B125C)



DBM125C



• Do not use bits with impact drivers.
 †These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
 • Read Safety Precautions on pages W1-W4

WIRE GAUGE DRILL BITS



DB160C



DB120C



B160C

Wire Gauge,
118° Point (Cobalt and
High Speed Steel)

				Set Contains:		
				DBC260A ¹	DB160C ²	DB120C ²
Cobalt	High-Speed Steel	Decimal Equivalent, inches	Length, inches	Cobalt	High-Speed	High-Speed
DBCE1A ¹	DBE1B ¹	.2280	3-7/8	*	*	
DBCE2A ¹	DBE2B ¹	.2210	3-7/8	*	*	
DBCE3A ¹	DBE3B ¹	.2130	3-3/4	*	*	
DBCE4A ¹	DBE4B ¹	.2090	3-3/4	*	*	
DBCE5A ¹	DBE5B ¹	.2055	3-3/4	*	*	
DBCE6A ¹	DBE6B ¹	.2040	3-3/4	*	*	
DBCE7A ¹	DBE7B ¹	.2010	3-5/8	*	*	
DBCE8A ¹	DBE8B ¹	.1990	3-5/8	*	*	
DBCE9A ¹	DBE9B ¹	.1960	3-5/8	*	*	
DBCE10A ¹	DBE10B ¹	.1935	3-5/8	*	*	
DBCE11A ¹	DBE11B ¹	.1910	3-1/2	*	*	
DBCE12A ¹	DBE12B ¹	.1890	3-1/2	*	*	
DBCE13A ¹	DBE13B ¹	.1850	3-1/2	*	*	
DBCE14A ¹	DBE14B ¹	.1820	3-3/8	*	*	
DBCE15A ¹	DBE15B ¹	.1800	3-3/8	*	*	
DBCE16A ¹	DBE16B ¹	.1770	3-3/8	*	*	
DBCE17A ¹	DBE17B ¹	.1730	3-3/8	*	*	
DBCE18A ¹	DBE18B ¹	.1695	3-1/4	*	*	
DBCE19A ¹	DBE19B ¹	.1660	3-1/4	*	*	
DBCE20A ¹	DBE20B ¹	.1610	3-1/4	*	*	
DBCE21A ¹	DBE21B ¹	.1590	3-1/4	*	*	
DBCE22A ¹	DBE22B ¹	.1570	3-1/8	*	*	
DBCE23A ¹	DBE23B ¹	.1540	3-1/8	*	*	
DBCE24A ¹	DBE24B ¹	.1520	3-1/8	*	*	
DBCE25A ¹	DBE25B ¹	.1495	3	*	*	
DBCE26A ¹	DBE26B ¹	.1470	3	*	*	
DBCE27A ¹	DBE27B ¹	.1440	3	*	*	
DBCE28A ¹	DBE28B ¹	.1405	2-7/8	*	*	
DBCE29A ¹	DBE29B ¹	.1360	2-7/8	*	*	
DBCE30A ¹	DBE30B ¹	.1285	2-3/4	*	*	
DBCE31A ¹	DBE31B ¹	.1200	2-3/4	*	*	
DBCE32A ¹	DBE32B ¹	.1160	2-3/4	*	*	
DBCE33A ¹	DBE33B ¹	.1130	2-5/8	*	*	
DBCE34A ¹	DBE34B ¹	.1110	2-5/8	*	*	
DBCE35A ¹	DBE35B ¹	.1100	2-5/8	*	*	
DBCE36A ¹	DBE36B ¹	.1085	2-1/2	*	*	
DBCE37A ¹	DBE37B ¹	.1040	2-1/2	*	*	
DBCE38A ¹	DBE38B ¹	.1015	2-1/2	*	*	
DBCE39A ¹	DBE39B ¹	.0995	2-3/8	*	*	
DBCE40A ¹	DBE40B ¹	.0960	2-3/8	*	*	

				Set Contains:		
				DBC260A ¹	DB160C ²	DB120C ²
Cobalt	High-Speed Steel	Decimal Equivalent, inches	Length, inches	Cobalt	High-Speed	High-Speed
DBCE41A ¹	DBE41B ¹	.0960	2-3/8	*	*	
DBCE42A ¹	DBE42B ¹	.0935	2-1/4	*	*	
DBCE43A ¹	DBE43B ¹	.0890	2-1/4	*	*	
DBCE44A ¹	DBE44B ¹	.0860	2-1/8	*	*	
DBCE45A ¹	DBE45B ¹	.0820	2-1/8	*	*	
DBCE46A ¹	DBE46B ¹	.0810	2-1/8	*	*	
DBCE47A ¹	DBE47B ¹	.0785	2	*	*	
DBCE48A ¹	DBE48B ¹	.0760	2	*	*	
DBCE49A ¹	DBE49B ¹	.0730	2	*	*	
DBCE50A ¹	DBE50B ¹	.0700	2	*	*	
DBCE51A ¹	DBE51B ¹	.0670	2	*	*	
DBCE52A ¹	DBE52B ¹	.0635	1-7/8	*	*	
DBCE53A ¹	DBE53B ¹	.0595	1-7/8	*	*	
DBCE54A ¹	DBE54B ¹	.0550	1-7/8	*	*	
DBCE55A ¹	DBE55B ¹	.0520	1-7/8	*	*	
DBCE56A ¹	DBE56B ¹	.0485	1-3/4	*	*	
DBCE57A ¹	DBE57B ¹	.0430	1-3/4	*	*	
DBCE58A ¹	DBE58B ¹	.0420	1-5/8	*	*	
DBCE59A ¹	DBE59B ¹	.0410	1-5/8	*	*	
DBCE60A ¹	DBE60B ¹	.0400	1-5/8	*	*	
	DBE61B ¹	.0390	1-5/8			*
	DBE62B ¹	.0380	1-1/2			*
	DBE63B ¹	.0370	1-1/2			*
	DBE64B ¹	.0360	1-1/2			*
	DBE65B ¹	.0350	1-1/2			*
	DBE66B ¹	.0330	1-3/8			*
	DBE67B ¹	.0320	1-3/8			*
	DBE68B ¹	.0310	1-3/8			*
	DBE69B ¹	.0292	1-3/8			*
	DBE70B ¹	.0280	1-1/4			*
	DBE71B ¹	.0260	1-1/4			*
	DBE72B ¹	.0250	1-1/8			*
	DBE73B ¹	.0240	1-1/8			*
	DBE74B ¹	.0225	1 (25.4)			*
	DBE75B ¹	.0210	1 (25.4)			*
	DBE76B ¹	.0200	7/8			*
	DBE77B ¹	.0180	7/8			*
	DBE78B ¹	.0160	7/8			*
	DBE79B ¹	.0145	—			*
	DBE80B ¹	.0135	—			*
B160C ¹	Metal Drill Bit Index			*	*	

DBC260A¹ 60 pc Cobalt Wire Gauge 118° Point Drill Bit Set

- Includes (60 pc) (.2280—.0400")
- Includes metal drill index

DB160C² 60 pc High-Speed Steel Wire Gauge 118° Point Drill Bit Set

- Includes (60 pc) (.2280—.0400")
- Includes metal drill index

DB120C² 20 pc High-Speed Wire Gauge 118° Point Drill Bit Set

- Includes (20 pc) (.0390—.0135")
- Includes metal drill index

DRILL BITS (BLUE Point®)

Jobber Length, Cobalt, 135° Point (Blue-Point®)

Stock No.	Size, inches	Stock No.	Size, inches
DBBPC1/16	1/16	DBBPC15/64	15/64
DBBPC5/64	5/64	DBBPC1/4	1/4
DBBPC3/32	3/32	DBBPC17/64	17/64
DBBPC7/64	7/64	DBBPC9/32	9/32
DBBPC1/8	1/8	DBBPC19/64	19/64
DBBPC9/64	9/64	DBBPC3/16	3/16
DBBPC5/32	5/32	DBBPC21/64	21/64
DBBPC11/64	11/64	DBBPC11/32	11/32
DBBPC3/16	3/16	DBBPC23/64	23/64
DBBPC13/64	13/64	DBBPC3/8	3/8
DBBPC7/32	7/32		

DBBPC21 21 pc Cobalt Drill Bit Set (Blue-Point®)

- Ideal for drilling low- and medium-carbon steel, plus steel alloy
- 135° split point penetrates on contact and prevents walking of the bit
- Jobber length for access in tight locations
- Cobalt construction for higher temperature applications
- Use CL6 Cutting Oil to maximize drill bit life
- Includes DBBPC1/16–DBBPC3/8 (1/16–3/8") in metal drill bit index



DBBPC21

Jobber Length, High-Speed Steel, 135° Point (Blue-Point®)

Stock No.	Size, inches	Stock No.	Size, inches
DBBP1/16	1/16	DBBP15/64	15/64
DBBP5/64	5/64	DBBP1/4	1/4
DBBP3/32	3/32	DBBP17/64	17/64
DBBP7/64	7/64	DBBP9/32	9/32
DBBP1/8	1/8	DBBP19/64	19/64
DBBP9/64	9/64	DBBP5/16	5/16
DBBP5/32	5/32	DBBP21/64	21/64
DBBP11/64	11/64	DBBP11/32	11/32
DBBP3/16	3/16	DBBP23/64	23/64
DBBP13/64	13/64	DBBP3/8	3/8
DBBP7/32	7/32		

DBBP21 21 pc HSS Drill Bit Set (Blue-Point®)

- Includes (21) drill bits (1/16–3/8")
- Includes metal drill index



DBBP21

Jobber Length, HSS Titanium Coated, 135° Point (Blue-Point®)

Stock No.	Size, inches	Stock No.	Size, inches
DBBPT1/16	1/16	DBBPT11/64	11/64
DBBPT5/64	5/64	DBBPT3/16	3/16
DBBPT3/32	3/32	DBBPT13/64	13/64
DBBPT7/64	7/64	DBBPT7/32	7/32
DBBPT1/8	1/8	DBBPT15/64	15/64
DBBPT9/64	9/64	DBBPT1/4	1/4
DBBPT5/32	5/32		

DBBPT13 13 pc HSS Titanium-Coated Drill Bit Set (Blue-Point®)

- Ideal for drilling aluminum, copper, plastic and cast iron
- Titanium-coated high-speed steel for heavy-duty applications
- Designed for increased speed and feed rates
- 135° point
- Titanium coating resists rust
- Use CL6 Cutting Oil to maximize drill bit life
- Includes DBBPT1/16–DBBPT1/4 (1/16–1/4") in metal drill bit index

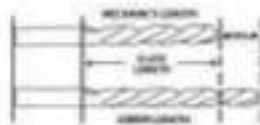


DBBPT13



†These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details. • Read Safety Precautions on pages W1–W4

SPECIALIZED DRILL BITS



DBD110A



DBD1/8AMP10

Double-Ended, 135° Split Point

Set Contains:
DBD110A

Stock No.	Description	Size	
DBD7/64A ¹	7/64" Double Ended Drill Bit	7/64"	•
DBD1/8A ¹	1/8" Double Ended 135° Split Point Drill Bit	1/8"	•
DBD9/64A ¹	9/64" Double Ended Drill Bit	9/64"	•
DBD5/32A ¹	5/32" Double Ended Drill Bit	5/32"	•
DBD3/16A ²	3/16" Double Ended 135° Split Point Drill Bit	3/16"	•
DBD7/32A ²	7/32" Double Ended Drill Bit	7/32"	•
DBD1/4A ²	1/4" Double Ended 135° Split Point Drill Bit	1/4"	•
DBD11A ²	#11 Double Ended Drill Bit	#11	•
DBD20A ²	#20 Double Ended Drill Bit	#20	•
DBD30A ²	#30 Double Ended Drill Bit	#30	•

DBD110A¹ 10 pc Double-Ended 135° Split Point Drill Bit Set

- Includes (10 pc) (7/64–1/4", #11, #20 and #30)
- Includes a plastic pouch

DBD1/8AMP10¹ 1/8" Double-Ended 135° Split Point Drill Bit

- Used for pop rivet applications and drilling thin sheet metal
- 135° split point for fast penetration
- Made from long-lasting high-speed steel
- (10 pc) of DBD1/8A drill bits

Left-Hand Fractional Drill Bits, High Speed Steel



DBLS105B

Stock No.	Size, inches
DBLS1/8B ²	1/8
DBLS3/16B ²	3/16
DBLS1/4B ²	1/4

Stock No.	Size, inches
DBLS5/16B ²	5/16
DBLS11/32B ²	11/32

DBLS105B² 5 pc Left-Hand High-Speed Drill Bit Set

- Use left-hand drill bits to make a hole in the broken screw before the extractor is inserted
- Left-hand drill bits tend to loosen screws for easier removal
- Set includes (5) drill bits (1/8–11/32) in a plastic pouch

Left-Hand Fractional Drill Bits, Cobalt



DBCL105B

Stock No.	Size, inches	
DBCL5/64B ¹	5/64	•
DBCL7/64B ¹	7/64	•
DBCL5/32B ¹	5/32	•
DBCL3/16A ¹	3/16	
DBCL1/4B ¹	1/4	•
DBCL9/32A ¹	9/32	
DBCL1/2A ¹	1/2	
DBCL19/64B ¹	19/64	•

Stock No.	Size, inches	
DBCL5/16A ¹	5/16	
DBCL11/32A ¹	11/32	
DBCL3/8A ¹	3/8	
DBCL13/32A ¹	13/32	
DBCL7/16A ¹	7/16	
DBCL15/32A ¹	15/32	
DBCL1/2A ¹	1/2	

DBCL105B¹ 5 pc Left-Hand Cobalt Drill Bit Set

- Use left-hand drill bits to make a hole in the broken screw before the extractor is inserted
- Left-hand drill bits tend to loosen screws for easier removal
- Set includes DBCL5/64B, DBCL7/64B, DBCL5/32B, DBCL1/4B and DBCL19/64B drill bits in a plastic pouch

SPECIALIZED DRILL BITS

Stock No.	Size, inches	Set Contains:	
		DBH1B	DBH7B
DBH1/16B	1/16	•	•
DBH3/32B	3/32	•	•
DBH1/8B	1/8	•	•
DBH5/32B	5/32	•	•
DBH3/16B	3/16	•	•
DBH7/32B	7/32	•	•
DBH1/4BB	1/4	•	•
DBH9/32B	9/32	•	•
DBH5/16B	5/16	•	•
DBH11/32B	11/32	•	•
DBH3/8B	3/8	•	•

DBH7B 7 pc Hex Shank Drill Bit Set

- Includes (7 pc) DBH1/16B–DBH1/4BB (1/16–1/4") in DBH7B-1 kit bag

DBH11B 11 pc Hex Shank Drill Bit Set

- Includes DBH1/16B–DBH3/8B (1/16–3/8") in DBH11B-1 kit bag



DBH7B



DBH11B

Hex Shank Drill Bits

- Black-oxide finish prevents rust and reduces operating temperature
- 118° point provides fast starts and optimal performance in thin-gauge material
- Hex drive design provides the ability to quickly adapt to all hex drive chucks
- Tapered fit of drill to hex drive shank eliminates bit wobble or runout to provide easier starting and a more precise hole
- Screw machine length allows the bits to be used in tight spaces
- Made in the US

Left-Hand Short Fractional Drill Bits, Cobalt

Stock No.	Size, inches	Set Contains:	
		DBTRCSL1B	DBTRCSL11B
DBTRCSL1/16 ¹	1/16	•	•
DBTRCSL3/32 ²	3/32	•	•
DBTRCSL1/8 ¹	1/8	•	•
DBTRCSL5/32 ²	5/32	•	•
DBTRCSL3/16 ²	3/16	•	•
DBTRCSL7/32 ²	7/32	•	•
DBTRCSL1/4 ²	1/4	•	•
DBTRCSL9/32 ²	9/32	•	•
DBTRCSL5/16 ²	5/16	•	•
DBTRCSL11/32 ²	11/32	•	•
DBTRCSL3/8 ¹	3/8	•	•

DBTRCSL11¹ 11 pc Left-Hand Cobalt Short Drill Bit Set with Flats

- Screw machine length for getting into smaller areas
- Flats on larger sized drill bits provide a better grip when used with keyless chucks (3/16–3/8")
- Left-hand flute for removing broken bolts
- Cobalt steel for drilling harder materials
- Bit lengths from 1.7–3.1"
- 11 most popular drill sizes in one set
- Includes (11) bits and a kit bag



DBTRCSL11

90° Angle Drill Set

Size	Set Contains:		
	2-1/8" Long Bit Stock No.	1-1/4" Medium Bit Stock No.	3/4" Short Bit Stock No.
#10	YA409-10L	YA409-10M	YA409-10S
#11	—	—	YA409-11S
#13	—	—	YA409-13S
#20	—	—	YA409-20S
#25	—	—	YA409-25S
#30	YA409-30L	YA409-30M	YA409-30S
1/8"	YA409-18L	YA409-18M	YA409-18S
3/16"	YA409-316L	YA409-316M	YA409-316S
3/32"	YA409-332L	YA409-332M	YA409-332S
#40	YA409-40L	YA409-40M	YA409-40S
5/32"	YA409-532L	YA409-532M	YA409-532S
1/4"	YA409-14L	YA409-14M	YA409-14S

YA409 90° Angle Drill Kit (Blue-Point®)

- Allows drilling up to 1/4" holes in confined areas by positioning the bit at a 90° angle to the drill
- Threaded drill bits provide consistent concentricity and eliminate slippage
- Includes
 - YA409 Drive unit; chucking spud
 - YA409-316M 3/16" bit (1-1/4" long)
 - YA409-18L 1/8" bit (2-1/8" long)
 - YA409-332L 3/32" bit (2-1/8" long)
 - YA409-18M 1/8" bit (1-1/4" long)
 - YA409-532M 5/32" bit (1-1/4" long)
 - YA409-18S 1/8" bit (3/4" long)
 - YA409-15 Storage Case



YA409

YA409-6 Threaded Collet (Blue-Point®)

- Allows the use of 1/4" dia. shank grinding burs and abrasive wheels



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P5–P7 for details. • Read Safety Precautions on pages W1–W4

SPECIALIZED DRILL BITS

1/2" Reduced-Shank Drill Bit, 118° Point

- Ideal for cutting in low- and medium-tensile strength materials
- Flatted shank provides a more secure grip for the drill chuck



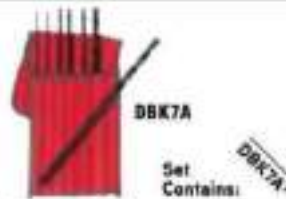
CSE485B

Stock No.	Size, inches	Stock No.	Size, inches
CSE345B ¹	17/32	CSE475 ¹	45/64
CSE365B ²	9/16	CSE485B ¹	3/4
CSE375 ²	37/64	CSE505B ²	25/32
CSE385B ³	19/32	CSE525B ¹	13/16
CSE405B ²	5/8	CSE565B ¹	7/8
CSE425B ²	21/32	CSE575 ²	55/64
CSE445B ¹	11/16	CSE605B ²	15/16
CSE465B ²	23/32	CSE645B ¹	1

¹Use with TDP6 Pipe Tap Set.

Aircraft Length, 135° Split Point

- Extra-long bits for drilling thick materials



DBK7A

Set Contains:

Stock No.	Size, inches	Flute Length, inches	Length, inches	
DBT1/8A ¹	1/8	1-5/8	12	•
DBT3/16A ²	3/16	2-1/4	12	•
DBT1/4A ¹	1/4	2-3/4	12	•
DBT5/16A ²	5/16	3-1/4	12	•
DBT3/8A ²	3/8	3-3/4	12	•
DBT7/16A ²	7/16	4	12	•
DBT1/2A ¹	1/2	4-1/2	12	•

Titanium-Nitride Step Drills

- Titanium-nitride coating creates a surface hardness that makes these tools last 4 to 5 times longer than ordinary drill bits
- Surface coating also reduces friction, resulting in a tool that runs cooler while running dry



YA1TA

Stock No.	Size Range	Increments	Shank Size, inches (mm)	Hole Sizes Per Bit	Length, inches
YA1TA	1/8-1/2"	1/32"	1/4 (6.3)	13	3-1/4
YA2TA	3/16-1/2"	1/16"	5/16 (8.5)	6	3-1/4
YA4TA	3/16-7/8"	1/16"	3/8 (10)	12	3
YA1MTA	4-12 mm	1 mm	1/4 (6.5)	9	3-1/4
YA3MTA	6-18 mm	2 mm	3/8 (10)	7	2-5/8
YA4MTA	6-22 mm	2 mm	3/8 (10)	19	3
YA5MTA	5-35 mm	2-3 mm	1/2 (13)	13	3-3/32



YA263A

Step Drills

Stock No.	Size Range, inches	Increments, inches	Shank Size, inches	Hole Sizes Per Bit	Length, inches	
YA261A	1/8-1/2	1/32	1/4	13	3-1/4	•
YA262A	3/16-1/2	1/16	5/16	6	3-3/8	•
YA263A	1/4-3/4	1/16	3/8	9	2-5/8	
YA265A	3/16-3/8	1/16	1/4	5	1-5/8	•
YA267A	3/16-7/8	1/16	3/8	12	3	
YA266A	5/16-1	1/16	1/2	6	3-1/2	

HOLE SAWS



Hole Saws

- High-speed cutting edge is welded to an alloy steel back to absorb shocks
- Cut clean, accurate holes in steel and cast iron pipe, steel plates, aluminum, copper, brass, stainless steel, wood or plastic
- Side slits make it easy to knock out the spent disks

Stock No.	Diameter, inches	Recommended Arbors
LHS100	9/16	LHS1C, LHS4C
LHS200	5/8	LHS1C, LHS4C
LHS220	11/16	LHS1C, LHS4C
LHS240	3/4	LHS1C, LHS4C
LHS260	13/16	LHS1C, LHS4C
LHS280	7/8	LHS1C, LHS4C
LHS300	15/16	LHS1C, LHS4C
LHS320	1	LHS1C, LHS4C
LHS340	1-1/16	LHS1C, LHS4C
LHS360	1-1/8	LHS1C, LHS4C
LHS380	1-3/16	LHS1C, LHS4C
LHS400	1-1/4	LHS3D
LHS420	1-5/16	LHS3D
LHS440	1-3/8	LHS3D
LHS460	1-7/16	LHS3D
LHS480	1-1/2	LHS3D

Stock No.	Diameter, inches	Recommended Arbors
LHS500	1-3/16	LHS3D
LHS520	1-5/8	LHS3D
LHS540	1-11/16	LHS3D
LHS560	1-3/4	LHS3D
LHS580	1-13/16	LHS3D
LHS600	1-7/8	LHS3D
LHS640	2	LHS3D
LHS660	2-1/16	LHS3D
LHS680	2-1/8	LHS3D
LHS720	2-1/4	LHS3D
LHS760	2-3/8	LHS3D
LHS800	2-1/2	LHS3D
LHS880	2-3/4	LHS3D
LHS960	3	LHS3D
LHS1280	4	LHS3D
LHS1840	5	LHS3D

LHS608B¹ 9 pc Hole Saw and Arbor Kit

- Side slits make it easy to knock out the spent disks
- Includes LHS44D, LHS48D, LHS56D, LHS64D, LHS80D, LHS96D hole saws, LHS6C and LHS3D arbors, LHS8C arbor adaptor and recommended speed chart in a storage case

LHS606D² 7 pc Hole Saw and Arbor Kit

- Side slits make it easy to knock out the spent disks
- Includes LHS24D, LHS28D, LHS32D, LHS36D, LHS40D hole saws, LHS6C arbor, LHS8C arbor adaptor and recommended speed chart in a storage case

HOLE SAWS

Hole Saw Arbors and Pilot Drills

Stock No.	Thread Size	Fits Saws, inches	Fits Drill Chucks, inches	Replacement Pilot Drill
LHS5C	1/2"-20	9/16-1-3/16	1/4	LHS4D
LHS6C	1/2"-20	9/16-1-3/16	3/8	LHS4D
LHS1C	1/2"-20	9/16-1-3/16	1/2	LHS4D
LHS3D	5/8"-18	1-1/4-5	3/8	LHS4D
LHS8C	Arbor Adaptor to Convert 1/2"-20 Thread to 5/8"-18			



DRILLING ACCESSORIES



YA246A

YA246A¹ 13 pc Micro Utility Drill Set (Blue-Point[®])

- Knurled surface at the chuck end of the pin vise provides a sure gripping surface
- Long 1-7/8" drill length
- Includes pin vise and (12) precision HSS twist drills from .0635-.0225", numbers 52-74



B1115A

B1115A Metal Drill Bit Index

- Clearly marked trays hold 115 drill bits and lift to upright position for quick selection
- 14-1/8 L x 4-1/8 W x 2-1/2" D



DEBUR300

DEBUR300 Deburring Tool

- Easily deburrs drilled and machined holes
- Push-button locking collet enables quick, easy blade changes
- Includes (3) round-head deburring blades
- Blades store in the handle of tool
- 6" long



RM125

RM150

RM250

RM125 1/8-3/8" Hex Drive Tapered Reamer

- Compact 3-5/8" length profile provides access to tight locations
- Tough high-speed steel construction with precision cut edges for long life—can be resharpened
- Unique hex-profile for multiple means of use: RMT1 T-Bar (included), socket or palm ratchet
- Each size has an overlap for the largest diameter to the tip of the next reamer size to maintain seamless transitions
- Made in USA

RM150 1/4-9/16" Hex Drive Tapered Reamer

- Same features as the RM125
- Unique hex-profile for multiple means of use: RMT2 T-Bar (included), socket or palm ratchet

RM250 1/2-3/4" Hex Drive Tapered Reamer

SANDER ACCESSORIES

14.4 V MicroLithium Polishing/Prep Tools

Stock No.	Description	Stock No.	Description
ACR2ALUM36	2" ROLOC [®] Abrasive Disc	ACR3HOLDER	3" ROLOC [®] Disc Holder
ACR2ALUM90	2" ROLOC [®] Abrasive Disc	ACR3MEDIUM	3" Medium Surface Prep Disc
ACR2CLEAN	2" Crad Disc	CTPP761-900	Disc Pad
ACR2CORSE	2" Coarse Surface Prep Disc	CTPP761-903	3" Knit Buffing Pad
ACR2HOLDER	2" ROLOC [®] Disc Holder	CTPP761-904	3" Sanding Disc, 36 Grit
ACR2MEDIUM	2" Medium Surface Prep Disc	CTPP761-905	3" Sanding Disc, 80 Grit
ACR3ALUM36	3" ROLOC [®] Abrasive Disc	CTPP761-906	2" ROLOC [®] Blocking Pad
ACR3ALUM90	3" ROLOC [®] Abrasive Disc	CTPP761-907	2" ROLOC [®] Medium Surface Disc
ACR3CLEAN	3" Crad Disc	CTPP761-950	Disc Pad Wrench
ACR3CORSE	3" Coarse Surface Prep Disc	CTPP761-951	ROLOC [®] Adaptor



ACR2ALUM36



ACR2CLEAN



† These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details. • Read Safety Precautions on pages W3-W4

SANDER ACCESSORIES



AT401ACCKIT

Micro Tool Accessory Kits AT401ACCKIT Micro Surface Prep Accessory Kit (Blue-Point®)

- 1/4 turn abrasive disc in two different grits helps get the job of removing rust or gasket material done quickly, even in confined areas
- Kit contains all of the consumables needed to restore a Micro Surface Prep Tool Kit back to new
- Includes (1) 2" ROLOC® pad 1/4" x 20T, (1) 3" ROLOC® pad 1/4" x 20T, (5) 2" 40 grit pads and (5) 3" 80 grit pads



AT402ACCKIT

AT402ACCKIT Micro Dual Action Sander Accessory Kit (Blue-Point®)

- Fresh backing pad with all the sanding disc needed to work the surface down until it is ready for paint
- Kit contains all of the consumables needed to restore a Micro Dual Action Sander Tool Kit back to new
- Includes (1) 3" hook-and-loop pad 5/16" x 24T, (25) 3" 180 grit pads, (25) 3" 220 grit pads, (10) 3" 320 grit pads and (10) 3" 800 grit pads



AT403ACCKIT

AT403ACCKIT Micro Polisher Accessory Kit (Blue-Point®)

- All the pads needed to go from buffing to final polish
- Kit contains all of the consumables needed to restore a Micro Polisher Tool Kit back to new
- Includes (1) 3" hook-and-loop pad 5/16" x 24T, (1) 3" wool pad and (1) foam waffle pad



PS4312-1H

PS4612V-1AH

PS468-34V



AT406CVAC

PSV4312KIT

YA7341

YA7341' Bonnet Cleaning Tool

- Run the spur wheels over a buffing pad or bonnet to dislodge and remove dry, hardened polish

GO459-39 Vacuum Adaptor

- Vacuum adaptor for PS4609 and PS4809

Tune-up Kits

PS46-TKA Tune Up Kit

- For PS4612/PS4512 series orbital sanders

Replacement Sander Pads

Stock No.	Size, inches	Type	Style	Use on
PS4312-1H	3	PSA	Vacuum/Non-Vacuum	PSF4312
PS4512-1AH	5	PSA	Non-Vacuum	PS4512
PS4512V-1AH	5	PSA	Vacuum	PS4512
PS4625-2H	5	Velcro® Brand fasteners	Non-Vacuum	PS4512
PS4512V-2H	5	Velcro® Brand fasteners	Vacuum	PS4512
PS4612V-1AH	6	PSA	Vacuum	PS4612 and PSF4612
PS4625-2H	8	Velcro® Brand fasteners	Non-Vacuum	PS4612 and PSF4612
AT116-4	6	Velcro® Brand fasteners	Vacuum	PS4612 and PSF4612
PS468-34	6	PSA	Non-Vacuum	PS4609
PS468-34V	6	PSA	Vacuum	PS4609V
PS468-34HL	8	Velcro® Brand fasteners	Non-Vacuum	PS4609
PS468-34VHL	8	Velcro® Brand fasteners	Vacuum	PS4609V
PS468-35	8	PSA	Non-Vacuum	PS4809
PS468-35V	8	PSA	Vacuum	PS4809V
AT116-3	2	Reloc®	Non-Vacuum	AT401MCA
AT116-4	3	Reloc®	Non-Vacuum	AT401MCA
AT402VEL75MM	3	Hook-and-loop	Non-Vacuum	AT402MCA and AT403MCA
AT406C-Z7	4	Hook-and-loop	Non-Vacuum	AT406C
PS4325-2H	3	Velcro® Brand fasteners	Vacuum/Non-Vacuum	PSF4312

Vacuum Adaptor Kits (contains vacuum adaptor and shroud)

Stock No.	Type	Use on
AT406CVAC	Vacuum Kit (AT406C) (Blue-Point®)	AT406C
PSV4312KIT	Vacuum Kit for S7 Sanders	PSF4312

WIRE BRUSHES/FLAP WHEELS (Blue Point®)



Description	Stock No.	Brush Diameter, inches	Shank Size, Arbor Size	Wire Diameter, inches	Maximum Safe Free Speed, RPM
Crimped Wire Brush (Blue-Point®) Crimped for removing carbon from cylinder heads and valve parts	AC2D ¹	1	1/4	.020	20,000
	AC3D ¹	3/4	1/4	.020	20,000
Solid End Wire Brush (Blue-Point®) Solid end for cleaning aluminum cylinder heads and transmission parts	AC16D ¹	3/4	1/4	.006	20,000
Spiral Twist Wire Brush (Blue-Point®) Spiral twist for removing heavy deposits	AC6B ¹	3/4	1/4	.014	20,000
	AC7B ¹	1	1/4	.020	20,000
Cup-Type Wire Brush (Blue-Point®) Cup-type for cleaning wheel rims and scuffing tires	AC240B ¹	1-3/4	1/4	.012	6,000
Hollow End Crimped Cup Wire Brush (Blue-Point®) Hollow End crimped cup for light-duty cleaning	AC241B ¹	2-1/2	1/4	.012	6,000
Cup Flared Wire Brush (Blue-Point®) Cup flared for deburring, cleaning hard-to-reachness and wheel rims, and scuffing tires	AC208A ¹	1-1/2	1/4	.008	20,000
	AC212A ¹	1-1/2	1/4	.012	20,000
	AC214A ¹	2-1/2	1/4	.014	18,000
	AC224A ¹	3	1/4	.014	15,000
Encapsulated Wire End Wire Brush (Blue-Point®) Encapsulated Wire End Wire Brushes for a consistent stiff brushing action	AC204C ¹	1/2	1/4	.014	8,000
	AC205C ¹	3/4	1/4	.014	8,000
	AC206C ¹	1	1/4	.014	8,000
Single Row Knot-Type Wire Brush (Blue-Point®) Knot-type, single-row wire cup for heavy-duty surface application	AC339A ¹	3	5/8-11	.020	12,500
	AC341B ¹	3	5/8-11	.012	7,000
	AC342B ¹	4	5/8-11	.020	7,000



General Purpose

Description	Stock No.	Brush Diameter, inches	Shank Size, Arbor Size	Wire Diameter, inches	Maximum Safe Free Speed, RPM
Knotted Wire Wheel Brush (Blue-Point®) Heavy-duty cleaning	AC420A ¹	4	5/8-11	.020	20,000
Crimped Wire Wheel (Blue-Point®) General-purpose cleaner	AC616 ¹	3	1/4	.0118	20,000
Wire Brush (Blue-Point®) Medium-duty general cleaner	AC17D ¹	1	1/4	.008	20,000
	AC243 ¹	3	5/8-11	.014	14,000
End Brush (Blue-Point®) Ideal for cleaning right angles	AC10302 ¹	1/2	1/4	.014	25,000
	AC10306 ¹	3/4	1/4	.014	22,000

A24C Arbor, 1/4" Shank, 1/2" Arbor Adaptor (Blue-Point®)

- Adapts electric drill to light-duty grinding and wire brushing; use with wheels and brushes up to 4" in diameter
- 1/4" shank, 1/2" diameter arbor, 1-3/4" length
- 20,000 RPM maximum speed



AC3160FWMP¹ Flap Wheel (Blue-Point®)
• 3" dia., 60 grit, (10 pack)



ACMANDREL Mandrel
• 1/4" stem for use on 2" and 3" flap discs



AC4D¹ Brush



AC239¹ 1-1/2" Crimped Cup



- Do not operate without the guard.
- Do not use grinding discs or accessories above their rated RPM.
- Do not use sanding discs or accessories above their maximum rated RPM.
- Do not use wire brushes above their maximum rated RPM.
- Do not use power tool accessories above their maximum rated RPM.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages 44-45 for details.
- Read Safety Precautions on pages W1-W4

CUTTING AND GRINDING ACCESSORIES



ETA125A

ETA125A⁺ Grinding Wheel Set

- Use with ET1350/ET1360
- 12,000 RPM maximum speed
- 5 pk



AT154RWHLMPA

AT154RWHLMPA⁺ 4" Cutting Wheel (Blue-Point[®])

- Aluminum-oxide cutting wheel for all metal types
- 4" dia. with a 3/8" arbor hole
- 21,000 RPM maximum speed



AT215GWSETA

AT215GWSETA 6 pc 2" Grinding Wheel Set (Blue-Point[®])

- Replacement grinding wheels for the AT215 angle grinder
- 20,000 RPM maximum speed
- 6 pk



ETA250A

ETA250A⁺ Grinding Wheel Set (Blue-Point[®])

- 1/4 x 4-1/2 x 7/8"
- Coarse 24 grit
- 12,000 RPM maximum speed



AT415-20B

AT415-20B⁺ Grinding Disc

- For the AT415B grinder
- 4" dia. x 3/16" thick with a 5/8" arbor hole
- 12,000 RPM maximum speed
- 5 pk

CARBIDE BURRS



VWB8000



VWB400A



VWBL400



VWB200C

Grinding burrs are ideal for use with Snap-on[®] die grinders. 1/4" and 1/8" shank burrs are available, all with solid carbide heads. The 1/8" shank units all have a maximum head diameter of 1/8".



Carbide Burrs, 1/4" Shank

	Stock No.	Style (chart)	Shank Length, inches	Flute Length, inches	Head Dia., inches	Recommended RPM Cast Iron	Recommended RPM Stainless	Set Contains:			
								VWB8000	VWB400A	VWBL400	VWB200C
Carbide Burrs, 1/4" Shank	VWB1C	A	—	5/8	1/4	22,000	23,000	•	•		
	VWB9B	A	—	1	1/2	15,000	24,000				
	VWB2B	B	—	3/4	3/8	18,000	27,000	•	•		
	VWB10B	B	—	1	1/2	15,000	24,000				
	VWB3B	C	—	1/4	5/16	20,000	30,000	•			
	VWB4B	D	—	7/8	1/2	15,000	24,000	•			
	VWB11B	E	—	3/4	3/8	18,000	27,000				
	VWB5B	E	—	1	1/2	15,000	24,000	•	•		
	VWB6B	F	—	3/4	3/8	18,000	27,000	•			
	VWB7B	G	—	1-5/8	1/2	15,000	24,000	•	•		
	VWB12B	G	—	1-1/15	3/8	18,000	27,000				
	VWB8B	H	—	7/8	1/2	15,000	24,000	•			
Long-Reach Carbide Burrs, 1/4" Shank	VWBL401	—	4	—	3/8	14,000	17,000				•
	VWBL402	—	4	—	3/8	14,000	17,000				•
	VWBL403	—	4	—	3/8	14,000	17,000				•
	VWBL404	—	4	—	3/8	14,000	17,000				•
Wide Fluted Carbide Burrs, 1/4" Shank	VWB206C	A	—	1	1/2	15,000	25,000				•
	VWB204C	A	—	3/4	1/4	15,000	25,000				•
	VWB203C	B	—	1	1/2	15,000	25,000				•
	VWB202C	E	—	1	1/2	15,000	25,000				•
	VWB201C	G	—	1-1/8	1/2	15,000	25,000				•
VWB205C	G	—	1-1/15	3/8	15,000	25,000				•	

CARBIDE BURRS



Carbide Burrs, 1/8" Shank

Set Contains:

Stock No.	Style (chart)	Flute Length, inches	Recommended RPM Cast Iron	Recommended RPM Stainless	
VWB301B	A	3/16	20,000	75,000	•
VWB302B	B	3/16	20,000	75,000	•
VWB303B	C	1/8	20,000	75,000	•
VWB304B	D	7/32	20,000	75,000	•
VWB305B	E	1/2	20,000	75,000	•
VWB306B	F	3/8	20,000	75,000	•
VWB307B	G	1/2	20,000	75,000	•
VWB308B	H	7/16	20,000	75,000	•

AIR HAMMER ACCESSORIES



Air Hammer Bit Sets

Set Contains:

Stock No.	Description	Applications	Length, inches	Tip, inches			
PHG63B	Air Hammer Ball Joint/Tie Rod Separator	Separating Ball Joints and Tie Rods	7-3/8	13/16 Opening			
PHG69B	Air Hammer Ball Joint/Tie Rod Separator	Separating Ball Joints and Tie Rods	7-3/8	1 Opening			
PHG93B	Ball Joint/Tie Rod Separator	Separating Ball Joints and Tie Rods	8-3/4	1-1/4 Opening			
PHG94B	Ball Joint/Tie Rod Separator	Separating Ball Joints and Tie Rods	7-3/8	5/8 Opening			
PHG64B	Air Hammer Bent End Chisel	Shears Ball Joint Rivets	10-1/2	5/8			
PHG76B	Bushing Cutter	Bushing Cutting	6-1/4	1/2			
PHG21B	Offset Bushing Splitter	Bushing Cutting (Extra Reach)	8-3/4	5/8			
PHG85B	Air Hammer Curved Flat Chisel	Rivet Cutting Work	5-3/4	5/8			
PHG57B	Air Hammer Double-Bladed Panel Cutter	Panel Cutting and Sheet Metal Cutting	6	3/4	•	•	
PHG73B	Air Hammer Drill Punch	Punching Out Pins and other Driving Applications	6-1/2	1/2		•	•
PHG77B	Straight Punch	Punching Out Pins and other Driving Applications (Extra Reach)	18	1/2			
PHG55B	Air Hammer Flat Chisel	Normal Chisel Cutting Applications	6-1/2	3/4	•	•	•
PHG58C	Air Hammer Flat Chisel	Normal Chisel Cutting Applications that need Extra Reach	10	3/4			•
PHG84B	Flat Chisel	Standard Chisel Cutting Applications (Extra Reach)	18	3/4			
PHG99B	Air Hammer Flat Chisel	Standard Chisel Cutting Applications (Extra Reach)	6-1/2	1-1/2			
PHG111B	Hinge Pin Driver	Removing and Installing Tube-Hinge Pins on Car and Truck Doors	7-3/8	0.237			
PHG112B	Hinge Pin Driver	Removing and Installing Tube-Hinge Pins on Car and Truck Doors	7-3/8	0.302			
PHG95B	Hole Punch	Punches 3/16" dia. Starting Hole in Sheet Metal to prepare use with CJ107 and CJ114 Body Dent Pullers	5-5/8	—			
PHG65B	Outside Muffler Cutter	For cutting the muffler flange	8-5/8	7/8			
PHG66B	Inside Muffler Cutter	Cutting the Exhaust Pipe Inside the Flange	8-3/4	3/16			
PHG87B	Muffler Cutter	Removing the Tail Pipe	8-3/4	7/8			
PH201	Needle Scaler	Projecting Rods Chp Away Rust and Scale. Use Only at Low-Pressure	7-12/16	—			
PHG74B	Riveter	3/16" Stem	5-13/16	1/2			
PHG76B	Pneumatic Bearing and Bushing Driver	Pneumatic Bearing and Bushing Driver	5-1/2	1/2			

- Do not operate without the guard. • Do not use grinding discs or accessories above their rated RPM.
- Use air hammer accessories only for their intended purpose. • Do not use chipped or damaged accessories.
- Do not use grinder accessories beyond their maximum rated RPM.
- Do not use wire brushes above their maximum rated RPM.
- † These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.



AIR HAMMER ACCESSORIES



Stock No.	Description	Applications	Length, inches	Tip, inches	Set Contains:		
PHG78B	Riveter	1/4" Stem	5-3/4	1/2			
PHG88B	Air Hammer Riveter	Forming Heads on 3/16" Compression Rivets	5-13/16	1/2			
PHG89B	Riveter	Forming Heads on 1/4" Compression Rivets	3-7/8	7/8			
PHG71B	Round Hammer	Hammering Applications that need Extra Reach	4-5/4	1			•
PHG68B	Round Hammer	Hammering Applications	7	1			• •
PHG56B	Air Hammer Scraper	Scraping Applications	6-3/16	1-5/16			
PHG51B	Air Hammer Sheet Metal Ripper	Sheet Metal Ripping and Cutting	5-3/8	5/8			•
PHG61B	Air Hammer Sifting Chisel	Cutting Tail Pipes and other Surfaces	6-7/8	1			•
PH103B	3/8" Square Drive Air Hammer Socket Adapter (Blue-Point®)	Attaches to Air Hammer to Provide Vibration While Turning Stubborn Fasteners, 3/4" Hex, 3/8" Square Drive	6	—			
PH1050	1/2" Square Drive Air Hammer Socket Adapter (Blue-Point®)	Attaches to Air Hammer to Provide Vibration While Turning Stubborn Fasteners, 3/4" Hex, 1/2" Square Drive	6	—			
PHG70B	Air Hammer Spot Weld Breaker	Weld Removal	6-5/4	3/4			•
PHG59B	Air Hammer Tapered Punch	Removal of Pins	6-5/2	3/8			• •
PHG72B	Air Hammer U-Joint Needle Type Trunion Driver	Needle Type Trunions	3-7/8	7/8			
PHG83B	Valve Guide Remover	Removing and Installing Valve Guides	7.48	7.7 mm Pilot			
PHG86B	Valve Guide Remover	Removing and Installing Valve Guides	7.48	9.3 mm Pilot			
PHG91B	Valve Guide Remover	Removing and Installing Valve Guides	7.4	6.5 mm Pilot			
PHG96B	Valve Guide Remover	Removing and Installing Valve Guides	7.4	6.9 mm Pilot			
PHG97B	Valve Guide Remover	Removing and Installing Valve Guides	7.4	5.5 mm Pilot			
PHG151B	Panel Cutter	Edges and Trims Sheet Metal. Cutting End is Offset 25° Non-Turn Shank	6-7/8	5/8			
PHG161B	Sifting Chisel	Cuts Exhaust System Pipes, 1/8" Tip Thickness. Non-Turn Shank	6-3/4	1			
PHG155B	Air Hammer Cold Chisel	Cuts Bolts, Nuts, Tees and Angles, Spills and Bevels. Non-Turn Shank	7	21/32			
PHGCR1	Front Axle C-Clip Remover	Tires and Wheel. Removes C-Clips stuck in place by rust, cup shift, dirt and grime. for use on Ford®, GM® and Dodge® vehicles as well as any vehicle that uses a U-Joint with C-Clip retainer.	—	—			
PH200D	Universal Quick-Change Chuck Retainer	Use for Fast, Easy Insertion/Removal of Air Hammer Bits	—	—			

Set Contains:

PHG1055BK
PHG1055BK
PHG1055BK

Air Hammer Bit Sets

PHG1540K¹

Stock No.	Description	
PHG1540-6 ¹	6" Hammer Shaft	•
PHG1540-9 ¹	9" Hammer Shaft	•
PHG1540-18 ¹	18" Hammer Shaft	•
PHG1540-ALM ¹	Aluminum Hammer Head	•
PHG1540-NYL ¹	Nylon Hammer Head	•
PHG1540-STL ¹	Steel Hammer Head	•
PHG1540-BAQ ¹	Hammer Set Canvas Pouch	•

Includes kit bag

PHG1540K¹ 6 pc Interchangeable Tip Air Hammer Bit Set

- Three (3) shafts in different lengths make accessing hard-to-reach places safer and easier
- Quick-change head design with (3) tips (steel, aluminum, nylon)
- Ability to choose the appropriate hammer head material to reduce damage to vulnerable areas
- Worn-out tips are easily replaceable



PHG1540K

Roll Pin Punches

Set Contains:
PHG1004RPBK

Stock No.	Description	Applications	Length, inches	Tip, inches	
PHG79B	Roll Pin Punch	For Removing and Installing Roll Pins	7-1/2	3/8	•
PHG80B	Roll Pin Punch	For Removing and Installing Roll Pins	7-1/2	1/4	•
PHG81B	Roll Pin Punch	For removing and installing roll pins	7-1/2	5/16	•
PHG821B	Roll Pin Punch	For Removing and Installing Roll Pins	7-1/2	1/2	•

Includes kit bag



PHG1004RPBK

Extra-Long Drift Punches (Blue-Point®)

Set Contains:
PHGL37KT

Stock No.	Description	Application	Length, inches	Size, inches (mm)	
PHGL78 ¹	Extra-Long Drift Punch (Blue-Point®)	Loosens Hard-to-Reach Rusty Bolts and Fasteners	5	5/16 (8)	•
PHGL710 ²	Extra-Long Drift Punch (Blue-Point®)	Loosens Hard-to-Reach Rusty Bolts and Fasteners	5	3/8 (10)	•
PHGL712 ¹	Extra-Long Drift Punch (Blue-Point®)	Loosens Hard-to-Reach Rusty Bolts and Fasteners	5	1/2 (12)	•

PHGL37-KB Kit includes storage pouch.



PHGL37KT

- Use air hammer accessories only for their intended purpose.
- Do not use clipped or damaged accessories.
- Do not use grinder accessories beyond their maximum rated RPM.
- Do not use wire brushes above their maximum rated RPM.
- Do not use power tool accessories above their maximum rated RPM.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.



IMPACT WRENCH AND RATCHET ACCESSORIES



YA4190A

YA4190A Mini Grease Gun

- Fits all flush-type fittings
- Ideal for all FAR Series air ratchets
- Spring return plunger
- 3 oz capacity

YA4190CAPA Grease Gun Head

- Fits YA4190A mini grease gun



YA4190CAPA



YA4190FAR

YA4190FAR Grease Gun Assembly

- Use with FAR series air ratchets

YA4190DIS Grease Dispenser (Blue-Point®)

- Grease dispenser attachment for YA4190A mini grease gun
- Contains 3 oz of Mobil® temp SHC-32 grease for Snap-on® FAR Series air ratchets



YA4190DIS



AT123-7-100

AT123-7-100 7 pc Hammer and Anvil Tune-up Kit

- Use on AT123A only
- Symptoms indicating repair is needed include air motor spins but anvil does not turn, air motor spins and anvil turns but no impacting occurs, or tools stalls while impacting



AT123-16-100

AT123-16-100 19 pc Tune-up Kit

- Use on AT123A and AT123AL
- Symptoms indicating repair is needed include trigger does not work properly or air leaks while tool is idle or running



AT123-18-100

AT123-18-100 15 pc Tune-up Kit

- Use on AT123A and AT123AL
- Symptoms indicating repair is needed include trigger does not work properly, air leaks while tool is idle or running, air motor has reduced RPM or air motor is excessively noisy



MG31MKIT

MG725MKIT

MG31MKIT Muffler Kit MG725MKIT Muffler Kit

- Reduces noise level to below 85 dBA
- Installs in minutes
- Maximum torque with muffler is 250 ft-lb (339 N•m)
- OSHA® compliant for 8 hours of continuous use



QC3ALC

QC3825

QC3844

QC5044

Impact Wrench Accessories

Stock No.	Description	Overall Length, inches (cm)	Weight, oz (grams)
QC3ALC	3 pc Quick-Change Adaptor Set	—	—
QC3825	3/8" Square to 1/4" Hex Adaptor	1-1/2 (3.8)	2.1 (60)
QC3844	3/8" Square to 7/16" Hex Adaptor	1-3/4 (4.5)	3.7 (104)
QC5044	1/2" Square to 7/16" Hex Adaptor	1-7/8 (4.75)	4.3 (124)

AIR AND RECIPROCATING SAW BLADES

Air Saw Blades

Stock No.	Application/Material Thickness	Teeth Per Inch (TPI)	Length, inches	Blade Thickness, inches (mm)	Quantity
ASB4-42	Over 0.20"	18	3-5/8	.025 (.63)	10 Each
ASB4-43	0.08-0.20"	24	3-5/8	.025 (.63)	10 Each
ASB4-44	0.00-0.08"	32	3-5/8	.025 (.63)	10 Each



ASB4-42

Air Saw Blades

Stock No.	Description	Length, inches	Teeth Per Inch (TPI)	Blade Thickness, inches (mm)	Package Quantity
AT190-39C	Bi-Metal Blade Scroll (Blue-Point®)	3-3/4	18	.031 (.69)	5
AT190-40C	5 pk 3-3/4" Bi-Metal Scroll Air Saw Blades (Blue-Point®)	3-3/4	24	.035 (.69)	5
AT190-41C	Bi-Metal Blade Scroll (Blue-Point®)	3-3/4	32	.031 (.69)	5
AT190-42B	Bi-Metal Blade Multipurpose (Blue-Point®)	4	18	.035 (.69)	5
AT190-43B	5 pk 4" Bi-Metal Multipurpose Air Saw Blades (Blue-Point®)	4	24	.035 (.69)	5
AT190-44B	Bi-Metal Blade Multipurpose (Blue-Point®)	4	32	.035 (.69)	5



AT190-42B

Metal Cutting Blades

Stock No.	Application/Material Thickness	Teeth Per Inch (TPI)	Blade Thickness, inches (mm)	Blade Length, inches (mm)	Quantity
CTRS614MC	Metal 1/8"-3/8" Thick	14	.035 (.69)	6 (152)	5 Each
CTRS618MC	Metal 1/8"-1/4" Thick	18	.035 (.69)	6 (152)	5 Each
CTRS624MC	Metal Less Than 1/8" Thick	24	.035 (.69)	6 (152)	5 Each
CTRS914MC	Metal 1/8"-3/8" Thick	14	.035 (.69)	9 (229)	5 Each
CTRS918MC	Metal 1/8"-1/4" Thick	18	.035 (.69)	9 (229)	5 Each
RSB424PM	Precision Metal Cutting	24	.035 (.69)	4 (102)	5 Each
RSB418PM	Precision Metal Cutting	18	.035 (.69)	4 (102)	5 Each
RSB812JY	High-Strength Metal	8/12	.050 (1.27)	6 (152)	5 Each
RSB912JY	High-Strength Metal	8/12	.050 (1.27)	9 (229)	5 Each



CTRS614MC



RSB418PM

General Purpose Blades

Stock No.	Application/Material Thickness	Blade Length, inches (mm)	Material Thickness	Teeth Per Inch (TPI)	Blade Thickness, inches (mm)	Quantity
CTRS126GP	Metal/Plastic/Wood	12 (305)	3/8-2"	6	.050 (1.27)	5 Each
CTRS658GP	Metal/Plastic/Wood	6 (152)	3/8-2"	5-8 Variable	.050 (1.27)	5 Each
CTRS946GP	Metal/Plastic/Wood	9 (229)	3/8-2"	6	.050 (1.27)	5 Each
RSB911WP	General Purpose Wood/Plastic	9 (229)	5/32-1-5/32"	11	.04 (1)	5 Each
RSB97WB	Fast Cutting Wood 3/8" and Thicker	9 (229)	—	7	.040 (1.01)	5 Each



CTRS126GP

Wood Cutting Blades

Stock No.	Application/Material Thickness	Teeth Per Inch (TPI)	Blade Thickness, inches (mm)	Blade Length, inches (mm)	Quantity
CTRS67WB	Fast Cutting Wood 3/8" and Thicker	7	.040 (1.01)	6 (152)	5 Each
RSB97WP	Fast Cutting Wood 3/8" and Thicker	7	.040 (1.01)	9 (229)	5 Each



CTRS67WB



- Use only impact sockets and accessories with our ratchets.
- Use air hammer accessories only for their intended purpose.
- Do not use chipped or damaged accessories.
- Read Safety Precautions on pages W1-W4.

BLOW GUNS



Non-Vented Blow Guns

AT4113 19" Straight Tube Air Blow Gun

- Built-in valve system improves trigger control
- Impact-resistant material for long-lasting service
- Galvanized blow tube for corrosion resistance
- Lifetime warranty (accessories not included)
- Used for blowing off, cleaning and drying surfaces
- Used in any sector of industry where compressed air is used

AT4112B 300 mm Bent Tube Blow Gun

- Built-in valve system improves trigger control
- Impact-resistant material for long-lasting service
- Galvanized blow tube for corrosion resistance
- Lifetime warranty (accessories not included)

AT4101 4" Blow Gun

- Built-in valve system improves trigger control
- Impact-resistant material for long-lasting service
- Galvanized blow tube for corrosion resistance
- Lifetime warranty (accessories not included)

AT4135 Blow Gun with Air Adjustment

- Built-in valve system improves trigger control
- Impact-resistant material for long-lasting service
- Galvanized blow tube for corrosion resistance
- Lifetime warranty (accessories not included)
- Sound level 78 dB (8 bar)
- Regulate flow with adjustable volume control
- Complies with OSHA® safety standards
- Used for blowing off, cleaning and drying surfaces
- Used in any sector of industry where compressed air is used

AT4124 Rubber Tip

- Prevents scratching of surface
- Used with AT4101, AT4113 and AT4135 air blow guns

AT4164 Rubber Blow Gun Tip

- Rubber tip prevents scratching of delicate surfaces
- Push-to-connect collar holds tip securely onto the blow gun pipe
- Tip is easily removed from the blow gun pipe by simply pulling back on the collar
- 25 mm tip diameter is ideal for flushing hoses up to 7/8"
- Tip works with AT4101, AT4113 and AT4112 blow gun models
- Lifetime warranty

Colors Available



• Add suffix to stock number for special colors.



Non-Vented Blow Guns (Blue-Point®)

YA105020 20" Bent Nozzle Blow Gun (Blue-Point®)

- 20" bent nozzle
- Trigger provides variable airflow control
- Lightweight body with ergonomically designed grip provides comfort and control
- Venturi tip directs air sideways if the tip end is obstructed
- Reinforced 1/4"-18 NPT inlet

YA105013 13" Blow Gun (Blue-Point®)

- Same as YA105020 except 13" bent nozzle

YA1050T2 Venturi Air Booster (Blue-Point®)

- Venturi nozzle draws in ambient air for extra high-flow (increasing by 100%)
- Suitable for deflecting lightweight wood chips
- Diverts air when dead-ended, reducing the outlet pressure to less than 2 bar (29 PSI)

YA1050B 1" Blow Gun (Blue-Point®)

- Pistol-grip-style with full-sized front trigger
- Infinite variable flow
- 10-1/4" long

YA4010 Quick Change Rubber Tip (Blue-Point®)

- Conical rubber tip for YA1050B Blow Gun

YA1050T3 3 pc Rubber Tip Kit (Blue-Point®)

- Rubber tip kit for YA105020 Blow Gun

YA1050T4 Chip/Fluid Shield (Blue-Point®)

- Chip/fluid shield for YA105020 Blow Gun



AT144800

Non-Vented Blow Guns Accessories

AT144800 5 pc Blow Gun Nozzle Kit

- Not for use above 30 PSI air supply pressure.

BLOW GUNS



AT4190

YA1055B



JT13B

JT17A

JT19A

Vented Blow Guns

AT4190[®] HI-FLO Venturi Tip Blow Gun

- Large diameter venturi nozzle draws in ambient air and increases output volume by 100%
- Nozzle delivers up to 21 CFM
- Ideal for heavy-duty chip and debris removal
- Excellent tool to quickly dry vehicles or motorcycles
- OSHA[®] compliant
- 1/4"-18 FNPT inlet
- Lifetime warranty

YA1055B[®] Blow Gun (Blue-Point[®])

- Variable-flow trigger offers precise airflow control
- Six-outlet star tip delivers an even distribution of air
- 4" full-flow tube
- OSHA[®] compliant
- Air inlet: 1/4"-18 NPT(F)

JT13B Blow Gun (Blue-Point[®])

- Tapered, rubber tip for a leak-proof connection between the gun and the fluid line
- Vinyl-coated control lever
- Hanging hook for storage
- 4-1/2" long

JT17A Blow Gun (Blue-Point[®])

- Same as JT13B except with 3" extension in place of the rubber tip

JT19A Venturi Tip Blow Gun (Blue-Point[®])

- Directs air sideways if tip end becomes obstructed
- Venturi tip increases airflow
- Includes stabilizer valve for variable pressure
- 1" hanging hook and paddle type air control lever
- Air inlet: 1/4"-18 NPT(F)
- OSHA[®] compliant

Colors Available



* R G
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

AIR WATER WASHERS



JETWASHER



JETWASHFAN



JETWASHNOZL

Water Nozzles and Hoses

JETWASHER Air Water Jet Washer

- Combines compressed air and water to create a powerful jet washer
- Provides safe and effective cleaning
- Separate air and water controls
- Multifunction—rinse, clean or dry with air and water
- Wide nozzle design prevents splash-back
- Lightweight and compact

- Durable nylon components will not scratch surfaces
- Includes a 3/4" threaded garden hose connection and quick-connect adaptor
- Optional stepped nozzle can be used to flush coolant systems and heater cores

JETWASHFAN Jet Washer Fan Nozzle

JETWASHNOZL Jet Washer Flushing Nozzle (Optional)



- Do not use vented blow guns above 125 PSI air supply pressure.
- Do not use non-vented blow guns above 30 PSI.
- Do not direct blow gun at yourself or others.
- Wear protective gloves.
- †These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

AIR HOSES AND SWIVELS



IM2005A

Air Hoses, Rubber

- Ideal for industrial applications
- Male threads at both ends

Stock No.	Hose I.D., inches	Hose Length, feet	Thread Size	Maximum Pressure, PSI
IM2001A ¹	1/4	5 whip	1/4"-18 NPT	300
IM2002A ¹	3/8	5 whip	1/4"-18 NPT	300
IM2004A ¹	3/8	2 whip	1/4"-18 NPT	300
IM2005A ¹	3/8	25	1/4"-18 NPT	325
IM2006A ¹	3/8	50	1/4"-18 NPT	325
IM2009A ¹	1/2	50	1/2"-14 NPT	325



AIRHOSE35

Air Hoses, Reinforced Polyurethane

Stock No.	Hose I.D., inches	Hose Length, feet	Thread Size	Temperature Range	Working Pressure, PSI
AIRHOSE35 ¹	3/8	35	1/4" NPT	-40-165 °F (-40-73.9 °C)	200 @ 70 °F (21 °C)
AIRHOSE50 ¹	3/8	50	1/4" NPT	-40-165 °F (-40-73.9 °C)	200 @ 70 °F (21 °C)
AIRHOSE100 ¹	3/8	100	1/4" NPT	-40-165 °F (-40-73.9 °C)	200 @ 70 °F (21 °C)
AIRHOSE1250 ¹	1/2	50	1"-11-1/2" NPT	-40-165 °F (-40-73.9 °C)	200 @ 70 °F (21 °C)

- Extremely lightweight for easy maneuverability
- Reinforced construction eliminates layer separation resulting from expansion and contraction during pulsating operations
- Resists abrasions better than PVC and rubber hoses
- Easy to wrap and store even in subzero weather
- UV stabilized for longer outdoor life
- Strain relief features a tight bending radius to virtually eliminate hose kinking
- Reusable fittings and strain reliefs for longer life

AIRHOSEKIT Replacement End for 3/8" Air Hose

AIRHOSESPLCR Splicer Kit for 3/8" Air Hose



YA502M

Air Swivel Connectors

Stock No.	Thread Size	Maximum Pressure, PSI	Airflow
ASC14	1/4" NPT	150	Up to 35 SCFM (991 LPM)
ASC14U	1/4" NPT	150	Up to 35 SCFM (991 LPM)
YA502M	1/4" NPT	150	Up to 4.6 CFM (13 SCFM)
YA503M	3/8"-18 NPT	150	Up to 6.3 CFM (45 SCFM) (178 LPM)

- Swivels turn 360° at two points for complete tool maneuverability
- Air hoses hang straight to the floor

AIR LINE COUPLERS AND ADAPTORS



Air Line Quick Couplers

Body Size, inches	Style	Thread Size	Quick Coupler Male	Quick Coupler Female	Adapter Male	Adapter Female
1/4	Lincoln®	1/4"-18 NPT	—	AHC26D ¹	AHC26MD ¹	AHC26FD ²
1/4	True-Flare®	1/4"-18 NPT	—	AHC24D	AHC24MD ¹	AHC24FD ²
3/8	True-Flare®	1/2"-18 NPT	—	AHC25D ¹	AHC25MD ¹	AHC25FD ²
1/4	ARC®	1/4"-18 NPT	AHC23PMD ¹	AHC23D ¹	AHC23MD ¹	AHC23FD ²
1/4	Industrial Interchange	1/4"-18 NPT	AHC21PMD ^{1*}	AHC21D ¹	AHC21MD ¹	AHC21FD ²
3/8	Industrial Interchange	1/2"-18 NPT	—	AHC22E ^{1*}	AHC22MD ¹	AHC22FD ²
3/8	Industrial Interchange	3/8"-18 NPT	—	AHC28D ^{1*}	AHC28MD ¹	AHC28FD ²
1/2	Industrial Interchange	3/8"-18 NPT	—	AHC31 ¹	—	—
1/2	Industrial Interchange	1/2"-14 NPT	—	AHC27D ^{1**}	AHC27MD ¹	AHC27FD ²
1/4	Rigid Mounting	1/4"-18 NPT	—	AHC21PD ^{1*}	—	—
1/4	Hi-Flow	1/4"-18 NPT	—	AHCC98C ¹	AHCCP97C ¹	—
1/4	Hi-Flow HVLP	1/4"-18 NPT	AHCC91C ¹	AHCC90C ¹	—	AHCCP90C

¹Conforms to MIL Spec. MIL-C-4190E.

²Rigid Mounting: brass "push-to-connect" type, use in place of AHC21 and AHC22 on rigid piping systems only.

All adaptors are plated steel to improve durability.

Air Valves and Manifolds

AHC300 Multiline Air Manifold (Blue-Point®)

- Capacity of three air lines running at the same time
- Allows three workstations to use the same air supply
- Evenly distributes air through three different lines

IM10D Air Valve (Blue-Point®)

- Volume of airflow can be regulated with 1/4 turn of the control knob
- Male/female thread sizes



• Do not use wire brushes above their maximum rated RPM.

†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.

• Read Safety Precautions on pages W1-W4.

GENERAL ACCESSORIES



ATHUBSCRUBKIT



ATHUBSCRUBSMPADS



ATHUBSCRUB



CL6

IM1PTMP6



IM10ZMP12



IM1PT

Abrasive Discs (Blue-Point®)**ATHUBSCRUBKIT[†] Hub Scrub Kit (Blue-Point®)**

- Quickly and effectively removes rust and debris from hub surfaces
- 1/2" drive allows for use with an impact gun—simply attach like any standard impact socket
- High-quality tool sculpted from aircraft-grade aluminum
- The majority of hub cleaning tool products on the market require use with an air or cordless drill
- Enhances shop productivity by not having to change from an impact to a drill and back to an impact
- Improves wheel assembly with better torquing against a clean surface and improving balance by removing rust, dirt and other foreign materials from the lug threads, hub surface
- Includes ATHUBSCRUB, ATHUBSCRUBLG, ATHUBSCRBPADS (1 pk/3 pc), ATHUBSCRUBSMPADS (1 pk/3 pc), ATHUBSCRUBLGPADS (1 pk/3 pc) in a storage tray

ATHUBSCRUBLG[†] Large Truck Hub Scrubber (Blue-Point®)**ATHUBSCRUBLGPADS[†] Replacement Truck Pads, 4 pk (Blue-Point®)**

- Fits 22 mm stud size on large trucks

ATHUBSCRUBSMPADS[†] Replacement Compact Vehicle Pads, 4 pk (Blue-Point®)

- Fits 15 mm stud size on smaller vehicles

ATHUBSCRUB Hub Scrubber with Pad (Blue-Point®)

- Invaluable tool for all wheel service applications
- Quickly removes rust and corrosion from studs, rotors, hubs and wheels
- Used with any 1/2" drive impact wrench
- Long-lasting, replaceable abrasive pads

ATHUBSCRBPADS Abrasive Pad, 4 pk (Blue-Point®)

- Four pack of replaceable abrasive pads

Lubrication Accessories**CL6 Cutting Oil**

- Superior anti-weld and lubricating properties reduce heat buildup in drill bits, grinding burrs and other metal cutting tools
- 1 pt bottle

IM1PTMP6 16 oz Air Motor Oil (6 pk)

- Cleans all piston and rotary air motors, and helps prevent rust formation
- (6 pk) of IM1PT 16 oz bottles

IM10ZMP12 1 oz Air Motor Oil (12 pk)

- (12 pk) of 1 oz bottles
- IM1PT 16 oz Air Motor Oil**
- Improves performance and extends the life of power tools with regular use of Snap-on[®] motor oil
- Specially formulated to lubricate, clean and protect expensive components
- Used daily on all piston and rotary air motors
- 16 oz bottle



CTTOTE



BPTOTE

Tote Bags**CTTOTE Power Tool Tote Bag**

- Wide opening for easy access to tools—extra padding for protection
- Durable 600 Denier exterior for strength
- Interior pockets and compartments for tool organization
- Padded handles for comfortable transport
- Reinforced bottom for strength
- Six external pockets for extra storage
- Approximate inside dimensions, open: 18" L x 8" W x 11-1/2" D (457 x 203 x 292 mm)

BPTOTE Tote Bag (Blue-Point®)

- Heavy-duty 600 x 300 D-polyester
- Water-resistant, rugged and versatile
- Wide top opening for easy access
- Multiple interior and external pockets for organization
- Overall dimensions: 16-1/2" L x 10-1/2" W x 12-1/4" H

SHOP & TECH

OVERVIEW 578-579

TESTING & ELECTRONICS 580-629

WELDING 630-652

UNDERCAR 653-693

BATTERY SERVICE 694-702

AIR CONDITIONING 703-713

COOLING 714-722

SHOP EQUIPMENT 723-816

SHOP CLEANING 817-825

SAFETY 826-836

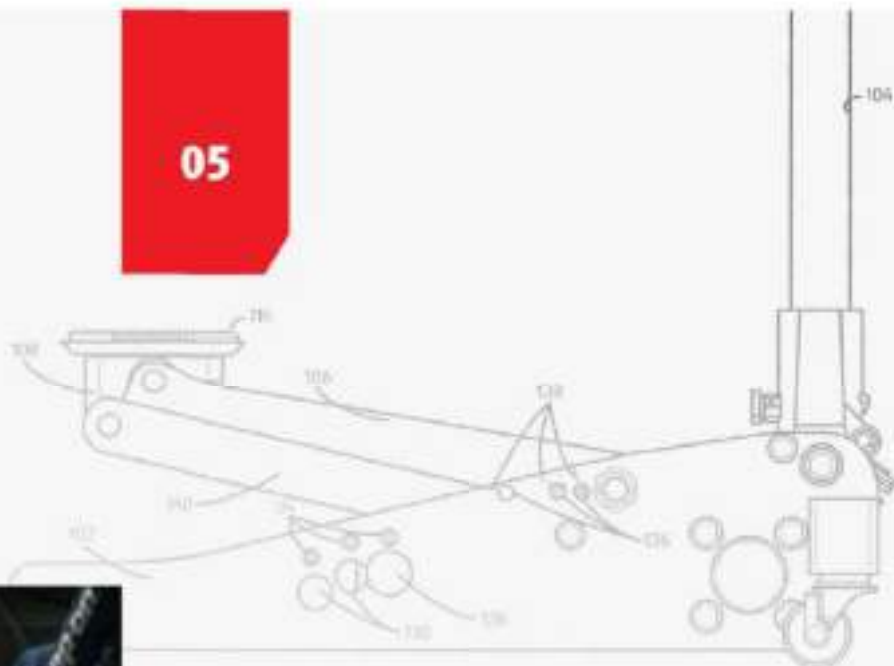
EEWH337A
Heavy-Duty Two-Speed Tilt-Back Tire Changer

"The best compliments I get from customers are about how I helped them grow their business by making sure they have the best tools to serve their customers."

*Levi Koch
Franchiser, Elk City, OK*



05



**OUR SHOP
SOLUTIONS
KEEP IMPROVING,
SO THAT YOUR
BOTTOM LINE
DOES TOO.**

FJ175
1.75-Ton Aluminum High-Performance Jack

Snap-on has always been a leading provider of the shop basics every garage needs to succeed. But calling them "basic" would be underselling them. We're constantly looking for every possible way to make them better for the shops that rely on them. Safer, more comfortable, more productive, longer lasting, more efficient and more dependable. Snap-on is your one-stop shop for every essential thing you need to get the job done—and done right.

DIGITAL MULTIMETERS

7-year limited warranty on Snap-on® meters.



Automotive Digital Multimeters

Specifications	EEDM596FK**	EEDM525F†	EEDM504F†	EEDM503D
Certificate of Calibration Model	EEDM596FKCRT	EEDM525FCRT	EEDM504FCRT	—
Display Count	40,000 Color	4,000 Color	4,000 Color	2,000 Color
AC Volts	750	750	750	750
DC Volts	1,000	1,000	1,000	1,000
Basic DC Accuracy	0.1% (+.5)	0.50% (+2)	—	0.5% (+1)
AC Amps	10	10	10	10
Micro Amps	Yes	Yes	Yes	Yes
DC Amps	10	10	10	10
True RMS (Root Mean Square)	Yes	Yes	Yes	No
Resistance, ohms	40M	40M	40M	20M
Capacitance	Yes	Yes	Yes	No
Frequency	Yes	Yes	Yes	No
Insulation Test	No	No	No	No
Analog Bar Graph	Yes	Yes	Yes	No
Auto Range	Yes	Yes	Yes	No
Data Hold	Yes	Yes	Yes	Yes
Min/Max	Yes	Yes	Yes	No
Backlight	Always On	Always On	Yes	No
Color Screen	Yes	Yes	No	No
Auto Shut-off	After 5 minutes (can be disabled)	After Approx. 15 minutes (can be disabled)	After Approx. 15 minutes (can be disabled)	No
Peak Hold	1 mS	—	—	—
Adjustable Trigger Level	Yes	No	No	No
Glitch Capture	—	No	No	No
Temperature	EEDMTEMP-1	EEDMTEMP-1 (opt.)	EEDM506C (opt.)	No
mS Pulse Width	Yes	No	No	No
Duty/Dwell	Yes	Duty Only	Duty Only	No
UL® Listed	cULus 61010-1	cULus 61010-1	cULus 61010-1	cULus 61010-1
CAT Rating	CATII 750 V AC, CATIII 1,000 V DC, CATIV 600 V AC/DC	CATII 750 V AC, CATIII 1,000 V DC, CATIV 600 V AC/DC	CATII 750 V AC, CATIII 1,000 V DC, CATIV 600 V AC/DC	CATII 750 V AC, CATIII 1,000 V DC, CATIV 600 V AC/DC
Easy Open Battery and Fuse Door	EEDM5F-DOOR	EEDM5F-DOOR	EEDM5F-DOOR	Yes
Low Pass Filter (LPF)	Yes	Yes	No	No
Blown Fuse Identifier	Yes	Yes	Yes	Yes
Dimensions, inches	4.7 x 7.7 x 1.6	4.7 x 7.7 x 1.6	7.34 x 3.34 x 1.12	7.34 x 3.34 x 1.12
Case or Zipper Pouch	EEDM5F-CC	EEDM5F-POUCH	EEDM5F-POUCH	EEDM504B4 (opt.)
Test Leads	EEDMLEADSET	EEDMLEADSET	EEDMLEADSET	EEDM504B3
Fuses	EEDMFUSE-7, EEDMFUSE-8	EEDMFUSE-7, EEDMFUSE-8	EEDMFUSE-1, EEDMFUSE-2	EEDMFUSE-2, EEDMFUSE-4
Display Protector	EEDM5F-PROTECT (opt.)	EEDM5F-PROTECT (opt.)	EEDM5F-PROTECT (opt.)	—

CE - DE, ES, FR, IT, GB, NL, JP
Multimeters on this page include a basic lead set.

**Mobile device sold separately
†Not easily visible in full sun

DIGITAL MULTIMETERS

7-year limited warranty on Snap-on® meters.
5-year limited warranty on Blue-Point® meters.



EEDM604E



EEDM650C



EEDM570



EEDM575D



MT501C



MT574C

Automotive Digital Multimeters

Specifications	EEDM604E	EEDM650C	EEDM570	EEDM575D	MT501C*	MT574C*
Basic DC Accuracy, %	0.05% (+5)	±0.1 (+2 digits)	1.5% (+2)	0.5% (+2)	0.75% (+4)	3% (+3)
Certificate of Calibration Model	EEDM604ECRT	EEDM650CCRT	EEDM570CRT	EEDM575DCRT	No	MT574CCRT
Display Count	50,000	4,000	1,000	11,000	2,000 Color	4,000
AC Volts	1,000	1,000	600	600	600	600
DC Volts	1,000	1,000	600	600	600	600
AC Amps	10	—	100	1,100	No	400 mA
Micro Amps	5,000	400	No	1,100	No	4,000
DC Amps	10	400 mA	100	400	No	400 mA
True RMS (Root Mean Square)	Yes	Yes	No	Yes	No	No
Resistance, ohms	(plus conductance)	40M	50M	100M	2K	40M
Capacitance	Yes	Yes	5.100 nF	110 nF	No	No
Frequency	Yes	Yes	200 MHz	110 MHz	No	No
Insulation Test	No	Yes	No	No	No	No
Analog Bar Graph	Yes	No	Yes	Yes	No	No
Auto Range	Yes	Yes	Yes	Yes	No	Yes
Data Hold	Yes	Yes	Yes	Yes	Yes	Yes
Min/Max	Yes	Yes	Yes	Yes	No	Yes
Backlight	Always On	Variable	Always On	No	No	No
Color Screen	Yes	Yes	Yes	Yes	No	No
Auto Shut-off	Yes	Yes	Yes	Yes	No	Yes
RPM	EEDMRPMG (opt.)	EEDMRPMG (opt.)	EEDMRPMG (opt.)	EEDMRPMG (opt.)	—	EEDMRPMG (opt.)
Adjustable Trigger Level	No	No	No	No	No	No
Noise Reduction Circuit	No	Yes	No	No	No	No
Temperature	EEDMTEMP-1	EEDMTEMP-1	EEDMTEMP-1	EEDMTEMP-2	EEDM506C (opt.)	EEDM506C (opt.)
Duty/Dwell	Yes/Duty	No	No	No	No	No
mS Pulse Width	Yes	No	No	No	No	No
Comp. Output (USB)	No	No	No	No	No	No
UL* Listed	cULus 61010-1	cULus 61010-1	cULus 61010-1	cULus 61010-1	cULus 3111	cULus 3111
CAT Rating	CAT III 1,000 V CAT IV 600 V	CAT III 1,000 V CAT IV 600 V	CAT III 600 V	CAT III 600 V	CAT II 600 V	CAT III 600 V
Easy Open Battery and Fuse Door	EEDM650C-6	EEDM650C-6	EEDM570-1	EEDM575D-1	No	No
Glitch Capture	Yes	Yes	No	No	No	No
Blown Fuse Identifier	Yes	Yes	No	No	No	No
Dimensions, inches	3-13/16 x 8 x 2-13/32	8 x 4-1/4 x 2	10.4 x 2.9 x 10.4	10 x 1-3/8 x 2-1/2	6 x 3 x 2	8 x 3 x 2
Case or Zipper Pouch	EEDM650CPB	EEDM650CPB (opt.)	EEDM575DBCSE	EEDM575DBCSE	EEDM504B4 (opt.)	EEDM504B4 (opt.)
Test Leads	EEDM504B3	EEDM504B3	EEDM504B3	MTTL800-1	EEDM504B3	EEDM504B3
Fuses	EEDMFUSE-7, EEDMFUSE-8	EEDMFUSE-7	No Fuse	EEDMFUSE-1	No Fuse	EEDMFUSE-1
Low Pass Filter (LPP)	No	Yes	No	No	No	No

CE, DE, ES, FR, IT, GB, NL
UL* Listed for both U.S. and Canada. CE Conformity

Multimeters on this page include a basic lead set.
*(Blue-Point®)



- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- ††These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W3-W4.

DIGITAL MULTIMETER ACCESSORIES



EEDMFUSEKIT

EEDMFUSEKIT Multimeter Fuse Service Kit

- 34 pc kit includes (8) different fuses used in Snap-on® and Blue-Point® multimeter series
- Inside lid label identifies the meter part numbers and the required fuse, fuse amperage and voltage rating
- Base label identifies the fuse part numbers for reordering and quantity per kit
- Lightweight and organized for efficiency
- Replacement fuses available to always have stock on hand
- Order more replacement bags and empty the fuses into the bins so you never run out
- Ideal for large shops, fleets, military and schools to have an entire kit in their inventory

EEDMFUSE-1 500 mA REOMAX/600 V (3 per pack)**EEDMFUSE-2 10 Amp REOMAX/600 V (3 per pack)****EEDMFUSE-3 10 Amp /600 V (3 per pack)****EEDMFUSE-4 2 Amp/600 V (3 per pack)****EEDMFUSE-5 500 mA SIBA/700 V (3 per pack)****EEDMFUSE-6 10 Amp SIBA/600 V (3 per pack)****EEDMFUSE-7 44/100 Amp/1,000 V (1 per pack)****EEDMFUSE-8 11 Amp/1,000 V (1 per pack)**

EETA501C

EETA502C

EETA501C Clamp-On Amp Probe

- For use with EEDM5 and EEDM6 series multimeters
- Measures AC and DC currents greater than 10 A without breaking the circuit
- Ideal for measuring starter amps and automotive current draw
- Used with DMMs that have 2 V and 200 mV AC and DC ranges
- Range: 0-20 A on 200 mV AC or DC, 0-400 A on 2 V AC or DC
- 400 AC/DC amp

EETA502C Clamp-On Amp Probe

- For use with EEDM5 and EEDM6 series multimeters
- Measures AC and DC currents greater than 10 A (the limit of most DMMs) without breaking the circuit
- Ideal for measuring starter current draw (amps) and automotive current draw
- Used with DMMs that have 2 V and 200 mV AC and DC ranges
- Range: 0-2,000 A AC or DC



EETA503C

EETA503C Low Current Adaptor

- For use with EEDM5 and EEDM6 series multimeters
- AC/DC low current adaptor for digital multimeters with DC mV range and 10 mA impedance
- Measures parasitic current draw on battery cable when the key is in the off position to indicate component failures or shorts in the electrical system
- Quickly measures branch circuit draw to isolate the problem area
- Safely measures current draw of electrical fuel pumps
- Measures from 10 mA-60 amps
- Includes EETA503C1 Dual Banana Adaptor



EEDM5830

EEDM5830 Amp Adaptor

- For use with EEDM5 and EEDM6 series multimeters
- Allows DMMs to accurately measure up to 30 A AC/DC by converting the signal to millivolts
- Measures current draw of individual circuits from fuse box on automobiles, trucks and buses
- Measures the parasitic load on the battery
- Requires no internal/external power supply
- Range of 0-30 A



EEDMMAGSTRAP

EEDMMAGSTRAP Magnetic Multimeter Hanger

- For use with all Snap-on® EEDM Series multimeters
- Strap attaches under the top of the multimeter boot and hangs with a hook or magnet
- Positions display to face the work area, leaving hands free to probe terminal, wiring or components
- Leads can safely hang from the meter to the work area
- Magnet in the strap stabilizes unit when using tilt-back stand—helpful for vibrations caused by engine start-ups

EEDMRPMG Gasoline Engine RPM Adaptor

- Ideal for small single-cylinder, 2- and 4-stroke gas engine applications
- Use with any digital multimeter that has DC mV ranges to measure gasoline engine RPM
- Plug adaptor into the DMM (set to DC mV function), clip lead above engine spark plug boot and multiply the reading by 10
- Range is 300–6,000 RPM
- Output is 1 mV DC per 10 RPM
- Powered by a 9 V battery (included)



EEDMRPMG

EEDMRPMD Diesel Engine RPM Adaptor

- Ideal for small diesel engine applications
- Measures diesel engine RPM
- Plug adaptor into the DMM (set to IP), attach transducer to fuel line leading to an injector and read RPM on the meter
- Range is 300–4,000 RPM
- Resolution is 1 RPM, powered by a 9 V battery (included)



EEDMRPMD

EEDMS997 DMM RPM Adaptor

- Use with 2- or 4-stroke engines
- Use in conjunction with an automotive feature meter with IP (Inductive pick-up) setting
- For motorcycles, outboard motors, snowmobiles and ATVs with limited or no ignition shielding
- Internal circuitry filters out noise
- Non-intrusive pick-up features dual tapped coils to help eliminate errors



EEDMS997

EEDMDVA Direct Voltage Adaptor

- Converts outboard marine, motorcycle and other small engine ignition pulse signals into DC voltage signals
- Adaptor helps identify secondary ignition problems like failed individual coil packs or poor spark



EEDMDVA

EEDM5030 Pressure Adaptor

- Measures pressure from 1–500 PSI and vacuum from 1–29 inHg
- Output is 1 mV DC per PSI or inHg
- Ideal for measuring transmission or hydraulic pressure
- 1/4" NPT fitting on the pressure transducer
- Sensor compatible for air or liquid
- 6-1/2' cable length
- Powered by a 9 V battery



EEDM5030

EEDMGRNDHD Heavy-Duty Ground Lead for DMM

- Solid-copper clip is a superior quality component for maximum electrical signal transfer
- Terminal connection ensures a positive electrical signal
- Superior flex black 18-gauge straight silicone wire glides past components and remains flexible in cold conditions
- 90° terminal with a standard 4 mm banana jack
- Length is 6' (1.83 m)



EEDMGRNDHD

EEDM15APD 15 A Parasitic Draw Test Harness

- Locate bad components or modules draining vehicle battery voltage and reducing life
- Works with Snap-on® multimeters (sold separately) to measure current draw in components, modules and circuits with the engine off
- Tap into the ground side of the vehicle battery terminal and circuit, connect to pre-owned multimeter COM and 10 A ports to begin the test (see user manual for complete instructions)
- 15 A resettable breaker: save fuse expense, replacement time and help with user safety
- Heavy duty switch: positive click feedback has longer life than standard switch
- Heavy duty clips: create a positive connection and are field replaceable
- Silicone wires: perform in hot and cold environments
- Technical Support: 888-382-6522
- US Patent (#9,928,938)



EEDM15APD

Temperature Probes and Adaptors

EEDM506D Temperature Adaptor

- Adds temperature capabilities to multimeters that do not have built-in temperature functions
- Provides dual temperature and differential temperature measurements for multimeters
- Output equals 1 mV per degree
- Use with any multimeter with 200 mV DC and/or 2 V DC ranges
- Provides readings from -50–1,800 °F
- Includes (2) beaded K-type temp probes
- Low battery indicator light
- Accuracy: $\pm 0.75\%$ of full scale + one digit



EEDM506D

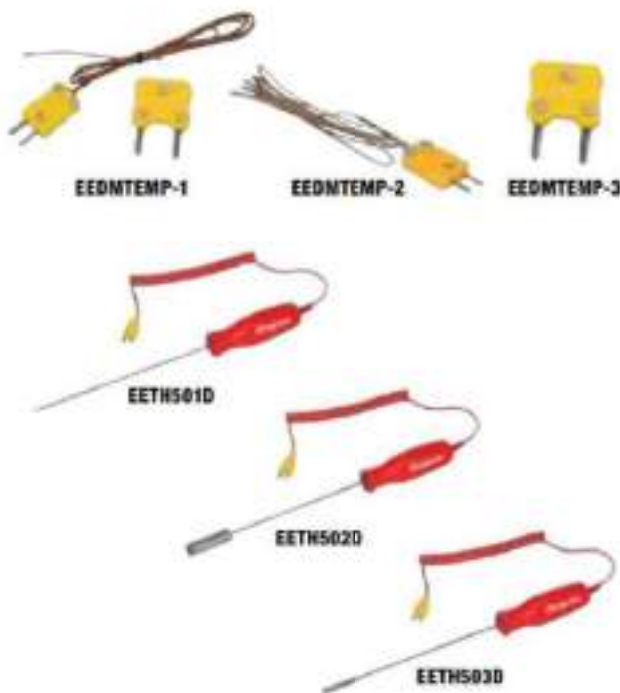


- Read and follow safety messages in the instructions.
- Do not use in environments with explosive vapors.
- Avoid touching hot surfaces.

† These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.

- Read Safety Precautions on pages W1–W4.

DIGITAL MULTIMETER ACCESSORIES



Temperature Probes and Adaptors

- Proven K-type thermocouple for connection to the DMM
- Can be used with the optional EEDM506D temperature adaptor for multimeters that do not have a built-in temperature function

EEDMTEMP-1 Temperature Adaptor and Probe

EEDMTEMP-2 Beaded Temp Probe

EEDMTEMP-3 Temp Adaptor

EETH501D 8" Liquid Temperature Probe

EETH502D 8" Surface Temperature Probe

EETH503D 8" Air Temperature Probe

- Patented Instinct[®] handle provides comfort and grip while probing and positioning the tip
- Stainless steel shank will not corrode
- 4' flexible coil thermo cable keeps the multimeter a safe distance from heat or cold
- Proven K-type thermocouple for connection to the DMM
- Can be used with the optional EEDM506D temperature adaptor for multimeters that do not have a built-in temperature function
- For Multimeters that do have the temperature function built in, the EETH series probes require the optional adaptor EEDMTEMP-3

TEST LEADS



EEDM504B3 50" Test Lead Set with Alligator Clips

- Standard vinyl-jacket test lead set with screw-on alligator clips provides basic application testing needs
- Screw-on probe protectors limit the metal probe shaft from touching during testing for safety (protectors should be removed when using alligator clips or adaptors)

EEDMLEADSET 61" Test Lead Set with Clips

M TTL575 DMM Modular Test Lead Set

- 70" length offers greater flexibility in reach
- Silicone double insulation wire jacket for safety—if outer jacket is nicked, a white underlayer is revealed
- 90° serrated flexible strain relief protects the wire from being kinked at the probe or terminal ends for longer life
- Push/pull finger collar for sure grip pressure putting on or pulling off
- CAT III 1,000 V and CAT IV 600 V safety rating
- Protective plastic collar surrounds the banana jack for safety
- Enables long-distance testing such as brake lights and underhood while in the cockpit
- Acts as an extension cord for an even longer reach when servicing large equipment
- Can be used in high-heat situations around manifolds or exhaust systems
- Jacket material will not burn, even in a flame
- Remains flexible in extreme cold where poly products get hard or stiff

M TTL725 Hard Tip DMM Test Lead Set

- 58" length offers the advantage of a greater reach
- Silicone double insulation wire jacket for safety—if outer jacket is nicked, a white underlayer is revealed
- 90° serrated flexible strain relief for improved long life
- Special tip configuration is designed to accept push-on accessories
- CAT III 1,000 V and CAT IV 1,000 V safety rating

EETA108B Test Lead Set, Extra Long

- 10' leads extend the reach of meter leads for testing hard-to-reach components
- Shielded leads block radio frequency interference (RFI)

MTTL360 60" Medium-Duty Red/Black Jumper Leads

- Use to supply 6, 12 or 24 V DC to circuits, fans and other components
- Silicone double-insulated wire jacket for hot/cold flexibility
- Larger clips allow for secure connection to terminals or wires
- Rated 50 V DC, 10 Amps, 60" length, 18 AWG

MTTL504 48" Fused Digital Test Leads

- 48" fused test leads help protect unfused digital multimeters from electronic damage
- Provide additional protection when measuring high-voltage
- Includes test lead set with alligator clips and (5) extra fuses
- Overall length is 48"

MTTL5041 3 pk 5 Amp Fuses

- (3) replacement 5A fuses for MTTL504 Fused Test Leads

TL57B Test Lead and Adaptor Kit

- Quick-attach probes and mini alligator clips press onto the straight PVC-jacketed lead set
- Threaded hook clips, standard plugs and alligator clips thread onto the probe ends
- Economical set for conducting various tests

TL2A Test Lead Set

- High-grade test lead pair fits all meters using standard banana plug jacks
- Nonslip prodding probes have stainless steel points
- Coiled cords stretch to more than 60"
- Screw-on alligator clips convert the leads to jumper wires
- Banana plug screws allow use with most multimeters



High-Grade Test Leads (for Digital Multimeters)

Stock No.	Description	Set Contains:			
		MTTL500	MTTL700	MTTL800	MTTL800-KIT
MTA20	Prods, Modular		•		
MTA70	Set, Alligator Clips, Screw-On				
MTA75	Alligator Clips, Medium, Modular		•		
MTA80	Spring Hooks, Modular		•		
MTTL550-1	Battery Probe—Small Hook				•
MTTL550-2	Battery Probe—Large Hook				•
MTTL550-3	Flexible Back-probes—Modular				•
MTTL550-4	Heavy Duty Battery Clip—Modular				•
MTTL550-5	90° Back-Probe—Rigid				•
MTTL550-CC	Nylon Roll-up Pouch				•
MTTL7001	Test Leads Silicone Jacket, Threaded			•	
MTTL7002	Banana Plugs, Screw-On			•	
MTTL7003	Alligator Clips, Large, Modular		•	•	•
MTTL7004	Insulation Piercing Prods, Modular			•	
MTTL7005	Backprobe Adaptors, Needle, Modular			•	•
MTTL800-1	Modular Test Leads				•
MTTL800-3A*	Crocodile Clips				•
MTTL800-4	Piercing Probes				•
MTTL800-5	Grabbers 90° Test Leads				•
MTTL800-6	Prods				•
MTTL800-7	Spring Hooks 90°				•
MTTL800-PB	Storage Pouch				•

CC - DE, ES, FR, IT, GB, NL
 *CE - English Only



MTTL500 Test Lead Kit

- Interchangeable probes permit a wider range of testing possibilities
- Right-angle 48" long test leads are made from double-insulated silicone super-flex wire
- Spring hooks for use on 16-gauge and smaller bare wire
- Alligator clips for attachment to bolts and large wire conductors
- Spade terminals for use on terminal blocks and prods for probing wire ends



- Avoid touching hot surfaces
- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- Read Safety Precautions on pages W3-W4

TEST LEADS



MTTL550-KIT

MTTL550-KIT 18 pc Battery and Electrical Circuit Test Lead Kit

- 18 pc modular kit for use with Snap-on® digital multimeters
- Connect to battery or reach circuit contact locations from every angle
- Small and large battery post adaptors (60 V DC) slide on and stay in place
- Exclusive 68" modular triple-connect test leads for non-intrusive testing, can be used as a dual end test lead or non-intrusive circuit insertion lead with a meter
- Heavy-duty clamps with modular ends for quick connections (60 V DC)
- 90° rigid back probes for limited-access areas (60 V DC)
- Flexible back probes insert at any angle (60 V DC)
- Nylon roll-up pouch for convenient and safe storage
- Technical Support: 888-382-6522



MTTL700

High-Grade Test Leads (for Digital Multimeters)

MTTL700 Threaded Test Lead Kit

- Includes screw-on banana plug adaptors, needle back probe adaptors, large alligator clips and insulation piercing prods
- Test leads with interchangeable tips are 50" long
- Double-insulated silicone wire is heat and flame resistant, and flexible in extreme cold conditions



MTTL800

MTTL800 Test Lead Kit

- Exceptional versatility for most automotive testing needs
- For use with all Snap-on® and Blue-Point® multimeters
- Includes: MTTL7005PK Back Probes, MTTL800-1 Modular Test Leads, MTTL800-3 Crocodile Clips, MTTL800-4 Piercing Probes, MTTL800-5 Grabbers, MTTL800-6 Modular Prods, MTTL800-7 Spring Hooks and MTTL800-PB Black Nylon Pouch

MTTL825 3 pc Modular Positive and Negative Test Lead Kit

- Silicon test leads provide superior hot and cold flexibility
- Double-insulated leads have white under the red or black material to help identify nicks or abrasions for safety
- Modular long-neck grabbers for limited access components require minimal finger pressure to activate the jaws
- CAT III 1,000 V / CAT IV 600 V safety rating
- Modular test lead terminal ends accept various optional accessories, such as prods, grabbers, alligator clips, back probes and hooks



MTTL825

MTA70 Alligator Clip Set

- Screw-on-style alligator clips for use with the EEDM504B3 and EEDMLEADSET Test Lead Set

MTTL700B Medium Spade Terminal Prod Kit

- Non-intrusive testing of spade-style terminal blocks and connectors
- Modular banana jack for quick push-on connection to the test leads
- Heavy-duty body with finger grips provide proper pressure points for inserting the spade tip
- Fully insulated to reduce the likelihood of shorts
- CATII 330 DC V, 3DC A safety rating
- Designed to work with DMM test leads or banana jack circuit testers
- Tip holds firm in the terminal slot to allow a free hand to jiggle wire or operate a switch



MTA70



MTTL700B

Retractable Test Leads

YA1175KIT[®] Retractable Test Lead Kit (Blue-Point[®])

- Includes YA1175
- Retractable test leads, YA1175-1 Probes (pair), YA1175-2 Alligator Clips (pair) and YA1175-3 Spring Hooks (pair)
- Retractable test leads pull out and stay at desired length
- Rewind test leads when not in use for compact storage
- 18-gauge copper wire and interchangeable tips

Adaptors and Pickups

MTTL430 Back Probe Adaptors (3 pack)

- Bendable stainless steel tips for easy insertion into terminal connectors
- Three ID boot colors for quick circuit identification
- Premium component construction—stainless steel tips, high-temperature composite and boot materials for a long, reliable life

Back Probes

MTTL7005PK Back Probes

- Color coded for easy identification
- Bendable stainless steel tips (standard diameter)
- Non-intrusive probes slide behind the terminals
- Modular ends slide quickly into the modular test leads for fast and reliable connections or use with MTTL7002 with threaded test leads
- Slip-resistant grip collar enables good gripping
- Each probe is 4-1/2" (11.5 cm) long with a tip diameter of 1/32" (1 mm)
- Removable boots enable custom color selections or restoring color to dirty used boots with the MTTLBOOTS Multi-Pack
- Technical Support 888-382-6522

MTTL7005 Back Probe Adaptors—(1) Red, (1) Black

MTTL7006 Micro Tip Back Probes

- Feature a 0.5 mm diameter tip that has enough muscle to probe new smaller vehicle interior compartment connector terminals
- Modular test lead ends for quick attachment or use with MTTL7002 and threaded test leads
- Replaceable threaded tips make change-outs easy
- Use with test leads and multimeter
- 4" overall length
- 4 mm standard female banana jack
- Rated to 60 V DC

MTTL433 Micro Tip Back Probes (Green, Black and Red)

- 0.4 mm micro tips slide into newer micro terminal connections where standard tips won't fit
- Bendable stainless steel tips for easy insertion into terminal connectors

YA1175-1[®] Probes (Blue-Point[®])

YA1175-2 Alligator Clips (Blue-Point[®])

YA1175-3 Spring Hooks (Blue-Point[®])

- Textured composite body for a good grip
- Recessed loop ends for a fast and reliable connection using alligator clips, grabbers or hook connections
- Removable boots enable custom color selections or restoring color to tired and dirty used boots with the MTTLBOOTS multi-pack of boots
- Portable storage strip holds all three probes

MTTLBOOTS Replacement Boot Kit

- Five of each black, red, yellow, green, blue

MTTL502 Test Probes

- Use probes on threaded probe tips
- Includes banana adaptors so probes can be used on banana plug lead sets

MTTL720 20 pc Back Probe Pin Kit (Blue-Point[®])

- Just slip the probing pin into the backside of the electrical connector and attach the meter lead to the alligator clip at opposite end of the pin
- Five colors (black, red, yellow, green, blue) make circuit identification easy
- Insulated boots protect the circuit being tested from shorting between circuits and/or a short circuit to ground
- Probing pin can be bent to access an electrical connector at an unusual angle for awkward connections
- Compact size makes the pins easy to fit in tight spots

MTTLB720 20 pc Multi-Back Probe Pin Kit (Blue-Point[®])

- Includes five of each: 45° sharp, 45° blunt, 90° sharp and straight sharp

MTTL7007 Insulated Back Probe Set

- Designed to slide between the weather protective terminal seals on vehicles for easy probing
- Slide-on terminals for easy-on positioning on threaded or straight metal prods
- 4" overall length with shaft length of 2" for good reach
- 300 volts DC, 3 amps DC rating for many applications
- CAT II 300 V DC safety rating
- Internal collar diameter: 11 mm
- Internal female diameter: 2 mm



YA1175-1 YA1175-2 YA1175-3



MTTL430



MTTL7005PK

MTTL7005

MTTL7006



MTTL433



MTTLBOOTS



MTTL502



MTTL720



MTTLB720



MTTL7007



- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Procedures on pages W1-W4.

JUMP LEADS



TL624AG



TL648AR

Coiled Jump Leads

- High-grade test leads offer the highest heat and oil resistance, and exceptional coil memory
- Feature a removable "bed of nails" concept
- After removal, the probe end with a 8-32 brass thread allows for use of other product accessories

TL624AG Test Leads

- Green; Extends to 24 feet

TL648AR Test Leads

- Red; Extends to 48 feet



TLB66B



TLBBL6B



TLBR6B



TLR6B

Intrusive Circuit Testing Modular Adaptors for Threaded or Modular Leads

TLB6B Adaptor

- Straight-nose test clip with black boot

TLBB6B Adaptor

- 15° bent-nose test clip with black boot

TLBBL6B Adaptor

- 15° bent-nose test clip with blue boot

TLBL6B Adaptor

- Straight-nose test clip with blue boot

TLBR6B Adaptor

- 15° bent-nose test clip with red boot

TLR6B Adaptor

- Straight-nose test clip with red boot



MTTL300



MTTL301

MTTL300 4 pc Straight Lead Set

- Four color-coded test leads help reduce the chance of wrong connections
- Use as test lead, jumper wires or for shorting out components when performing ignition system tests
- Each lead is 4' long

MTTL300-1 4' Straight Lead, Black

MTTL300-2 4' Straight Lead, Red

MTTL300-3 4' Straight Lead, Green

MTTL300-4 4' Straight Lead, Yellow

MTTL301 4 pc Straight Lead Set

- Four sizes facilitate various applications that make the job easier to complete
- Alligator clips on both ends securely grip terminal connections
- Use as extension leads or for shorting out components when performing ignition system tests
- Contains 12" MTTL301-1, 18" MTTL301-2, 24" MTTL301-3, and 10' MTTL301-4 jumper leads

MTTL301-1 12" Straight Lead

MTTL301-2 18" Straight Lead

MTTL301-3 24" Straight Lead

MTTL301-4 10' Straight Lead

MTTL310 Series Coiled Jump Leads

Stock No.	Coiled Length, inches (cm)	Crocodile Clip Opening, inches (cm)	Stretched Length, inches (cm)	Color
MTTL310-1	20 (51)	1/2 (1.27)	48 (122)	Black
MTTL310-2	20 (51)	1/2 (1.27)	48 (122)	Red
MTTL310-3	20 (51)	1/2 (1.27)	48 (122)	Green
MTTL310-4	20 (51)	1/2 (1.27)	48 (122)	Yellow



MTTL310

MTTL310 Coiled Jump Lead Set

10 Amp, 18 AWG wire

- Coil cords recoil, requiring minimum storage space and less tangling
- Soldered and clamped connections provide low signal loss and prolong life

MTTL311 Series Coiled Jump Leads

Stock No.	Coiled Length, inches (cm)	Stretched Length, inches (cm)
MTTL311-1	10 (25)	12 (30.5)
MTTL311-2	11 (28)	16 (40)
MTTL311-3	13 (33)	24 (61)
MTTL311-4	24 (61)	120 (305)



MTTL311

MTTL311 4 pc Coiled Jump Lead Set

10 Amp, 18 AWG wire

- Coil cords recoil, requiring minimum storage space and less tangling
- Soldered and clamped wire connections to alligator clips provide low signal loss



Digital Display Circuit Testers

Multi-Probe Ultra Capability

- Tests AC and DC voltage, resistance (ohms), and amperage in vehicle applications
- Patented circuit breaker-protected power-up of components to determine function
- Built-in vehicle battery status check provides information to the technician before proceeding with circuit diagnosis (may need to charge the battery)

Accessibility

- Ergonomic hand-hold position and large rear-facing color LCD display lets the user get in tight spaces and still read the live results on the screen
- Convenient 23' cable allows the user to connect to the vehicle battery and move around the vehicle, including trucks, to check distant circuits like brake lights or trailer terminal connections
- Provides audible smart-tones to indicate tip readings, warning sounds and more

Simplicity

- Navigation is simplified via a color-coded menu—five menu selections are identified with a unique color so the user recalls the mode in use: Purple = AC Voltage, Orange = DC Voltage, Yellow = Amperage, White = Ohms
- Single-function buttons are used for up and down scrolling, clear, menu/mode toggle, mute, light on/off and +/- powering of a circuit
- Inclusive AC meter displays all measurements simultaneously—Peak to Peak, Pulse Width, Duty Cycle, Frequency and TRMS
- 23' cable is field replaceable and calibrated—saves the time of sending a complete unit in for repair if just the cable fails
- 18 month warranty
- Technical Support: 888-549-0566

Specifications	EECT900
AC Measurement TRMS, V AC	200
AC Measurement P-P, Volts	200
Amp Measurement Range, Amps	5-50
CE Approved	Yes
Circuit Breaker Range, Amps	2-33
DC Percentage Measurement Range	1-99
DC Measurement Range, Volts	5-200
Display Size, inches	2.4
Hz Measurement Range	15-9,999
Max. Continuous Load, Amps	12
Max. Intermittent Load, Amps/30 Seconds	20
Max Operating Temperature	123 °F (50 °C)
Max. Operating Voltage, V DC	34
Max. Storage Temperature	158 °F (70 °C)
Max. Tip Voltage	200
Max. Transient Voltage, Volts per Second	500
Meter Modes	V DC, Ohms, Amps, V AC (Freq, TRMS, DC, Percentage, P-P, PW)
Min. Operating Temperature	14 °F (-9.0 °C)
Min. Operating Voltage, V DC	9
Min Storage Temperature	-4 °F (-20 °C)
Normal Battery Voltage Range, V DC	12-24
Ohm Measurement (Continuity Only), Ohms	0.1-50,000
Patent Number	7154899
Power Cable Length, feet (m)	23 (7)
Power Cable Gauge, AWG	14
Power Switch Modes	Momentary, Latch, Pulse
PW Measurement Range, mS	0.35-1000
Special Tests	Batt Stat, Hcr Shot

Product is designed to be powered by 12-24 V DC power sources such as those found in automotive, truck, small craft marine, and small craft aviation electrical systems

- Unit is not intended to be connected to 115 AC or above wall outlets
- Do not supply battery voltage to any computerized circuits, sensors, airbag or supplemental restraint systems

NOTE: Due to the Ohm meter capability, an extension cable cannot be used, as it will negatively impact the accuracy of the readings

EECT900-ADD 20' Extension Cable for EECT900

- Extra length for working on large trucks and probe circuits without disconnecting from the vehicle battery
- Customer requested; ideal for 12 and 24 V vehicle applications
- Maintains accurate resistance readings in the OHM setting and the calculated resistance readings in the amp setting
- Polarity controlled adaptors only connect one way
- 10 gauge, 20 amp wire—voltage drop with 20' extension at 5 amps is 0.3 V DC at 20 amps is up to 1.3 VDC
- The original 23' cable is field replaceable and is calibrated with the circuit board and 20' extension cable; this saves the time of sending a complete unit in for repair if just the cable is damaged
- EECT900 Multi-Probe Ultra sold separately

EEC5550-CC Carry Case

- Optional carrying case

EECT900-1 23' Cable

- 23' cable for EECT900

EECT900-2 Battery Clamps

- Battery clamps for EECT900

EECT900-5 Tungsten Probe Tip, 3-1/2" Length

- Optional 3.5 mm tungsten probe tip for EECT900

EECT900-6¹ Brass Probe Tip, 3-1/2" Length

- 3.5 mm brass probe tip for EECT900

EECT900-9 Ground Clip with Boot

- Ground clip with boot for EECT900

EECT900-10¹ 5 V Multi-Probe Adaptor (Blue-Point[®])

- Tip adaptor quickly connects the tool and probe tip to provide a safe 5 V reference signal to sensors, components and circuits
- Replaces missing ECM 5 V reference
- Safely power and test low voltage components
- Identifies shorted sensors and circuits

EECT900-11¹ Brass Probe Tip, 6" Length

- 6" brass probe tip for EECT900



• Read and follow safety warnings in the instructions.

• Do not use in environment with explosive vapor.

† These products may expose you to chemicals which are known to the state of California to cause cancer, and reproductive harm. See pages P1-P3 for details.

• Read Safety Procedures on page W1-W4

CIRCUIT TESTERS



EECT424HD



EECT449HD

24 V Digital Display Circuit Testers

Specifications	EECT424HD	EECT449HD
Voltage	24	24
Range	4.0–49.9 V DC	4.0–49.9 V DC
Resolution	0.1 V DC	0.1 V DC
Accuracy	±0.3 Volt	±0.3 Volt
Cord Color	Red	Red Coiled Cord
Cord Type	Straight/Polyurethane	Coil cord/Red Polyurethane
Outside Wire Diameter, inches (mm)	.16 (4)	.16 (4)
Cord Length, ft (m) – gauge	6 (2) – 18	13 (3.8) – 18
Replacement Cord Assembly	EECTCORD424V	EECTCORD400R (red, coiled)
Replacement LED and Spring Assembly	EECT424LCD	EECT424LCD
Handle Size/Color	Instinct®/Clear w/Red Print	Instinct®/Clear w/Red Print
Display	LCD w/Backlight	LCD w/Backlight
Polarity	Bi-Directional with Color LED, Red and Green indicators	Bi-Directional with Color LED, Red and Green indicators
Surge Protected	Surge and high DC voltage	Surge and high DC voltage
Operating Temperature	0–120 °F (-18–49 °C)	0–120 °F (-18–49 °C)
Terminal End	Heavy-Duty Copper Clip	Heavy-Duty Copper Plated Clip
Replacement Clip	EECTCLIPHD-R	EECTCLIPHD-R
Stainless Steel Shank Length, inches (cm)	3-1/2 (8.9)	6 (15.2), 12 (30.4)
Length, inches (cm)	8-1/4 (21)	11 (28), 17 (43)
Warranty	1 Year (field repairable)	1 Year (field repairable)
Computer Safe	Yes, <10 mA (Do not use on airbags)	Yes, <10 mA (Do not use on airbags)

Molded contact and finger-turn strain relief are tough. O-ring sealed moisture-free connection for longer life. Not for use on airbags. Technical Support: 888-382-6522
 CE, DE, ES, FR, IT, GB, NL

EECT424HD 24 V Digital Display Circuit Tester (4–49 V DC Range)

- Used to detect voltage, power, ground and circuit integrity on cars and trucks
- LCD display provides a “no guess” voltage value of the circuit
- LEDs indicate green for ground or red for power
- Leaves one hand free to jiggle wires, replace a fuse or operate a switch
- Surge-protected circuitry displays 4–49.9 V DC (± 0.3 V accuracy)
- Computer safe <10 mA circuit draw for confident testing
- 3-1/2” corrosion-free stainless steel shank
- Patented Instinct® clear handle for pure visibility, comfort and style
- Solid-copper clip provides superior quality component for maximum electrical signal transfer
- Superior flex wire glides past components and remains flexible in cold conditions
- Convenient field-replaceable digital display board and spring assembly

EECT449HD 4–49 V DC Circuit Tester with Interchangeable Shanks

- The three thread-on interchangeable choices are 6 and 12” stainless steel shanks, plus a 2” banana jack receiver to aid with accessibility needs for each job
- 2” banana jack receiver can be used with non-intrusive modular circuit tester adaptors found in the optional MTTL550-KIT
- Threaded probes and receiver create a firm, positive connection
- Backlit daylight-readable LED indicates green for ground or red for power
- Computer safe: <10mA circuit draw for confident testing
- NOTE: Not for use on airbags

Cord-Free Circuit Testers

- For quick detection of DC voltage
- For use on autos and trucks from 3–24 V DC
- Probe the wire and touch metal ground on the vehicle with a free hand
- Black carbon-infused contact area completes the circuit
- Mini Instinct® handle and short stainless shank for tight access jobs
- Pocket clip to keep the first need diagnostic tool ready for work
- Safety tip-protector
- Do not use on airbags or AC voltage

EECT200 3–24 V DC Cord-Free Circuit Tester

- Audible beep and bright white LED light alert user to DC voltage presence

EECT201BL 3–24 V DC Cord-Free Circuit Tester

- Vibration, audible beep and bright LED light alert user to DC voltage presence



EECT200



EECT201BL



12 V Digital Display Circuit Testers

Specifications	EECT400*	EECT402USB	EECT413
Voltage	6 and 12 V DC	6 & 12 V DC	6 and 12 V DC
Range	4–19.9 V DC	0–19.9 V DC	0–19.9 V DC
Resolution	0.1 V DC	0.1 V DC	0.1 V DC
Accuracy	±0.3 V	±0.3 V [†]	±0.3 V
Cord Color	Black	Black	Black
Outside Wire Diameter	4.0 mm (0.59")	3 (7.6)	15 (4)
Cord Length, ft (m) – gauge	6 (2) – 16	13 (3.9) – 18	13 (3.9) – 18
Replacement Cord Assembly	EECTCORD400 (black, straight), EECTCORD400O (orange, coiled), EECTCORD400G (green, coiled), EECTCORD400R (red, coiled)	EECTCORD402USB	EECTCORD413
Replacement LED and Spring Assembly	EECT400W-LCD	EECT402USB-LCD	EECT400W-LCD
Handle Size/Color	Medium Insulinc®/Clear	Medium Insulinc®/Clear	Medium Insulinc®/Clear
Display	Backlit 2,000 Count LCD	LCD w/Backlit	Backlit 2,000 Count LCD
Polarity	Bi-Directional with Color LED, Red and Green indicators	Bi-Directional with Color LED, Red and Green indicators	Bi-Directional with Color LED, Red and Green indicators
Surge Protected	Overload Displays 1.0 V, Then Resets	Surge and high DC voltage	Overload Displays 1.0 V, Then Resets
Operating Temperature	0–120 °F (-18–49 °C)	0–120 °F (-18–49 °C)	0–120 °F (-18–49 °C)
Terminal End	Heavy-Duty, Copper Clip	USB Plug (EECT402USB-1, 12 V CLA adaptor included)	Heavy-Duty, Copper Clip
Replacement Clip	EECTCLIP	NA (USB Plug included on replacement cord)	—
Stainless Steel Shank Length, inches	3-1/2	3-1/2 (8.9)	—
Boot	EECTBOOT	—	—
Length, inches (cm)	8-14 (21)	—	—
Warranty	1 Year (field repairable)	1 Year (field repairable)	1 Year (field repairable)
Computer Safe	Yes, <10 mA (Do not use on airbags)	Yes, <10 mA (Do not use on airbags)	Yes, <10 mA (Do not use on airbags)
Replacement Carrying Case Part Number	—	—	EECT550-CC

C, E, DE, ES, FR, IT, GB, NL

Note: The EECT402USB circuit tester should not be returned to the RPC; it is completely field repairable.

For specifications, please refer to EEDM504F and EECT413.

Not for use on airbags

EECT400 12 V DC Digital Display Circuit Tester

- Detects DC voltage, power, ground and circuit integrity
- LCD display eliminates guesswork and provides voltage value of the circuit
- LEDs indicate green for ground or red for power

EECT402USB 12 V Digital Display Circuit Tester with USB Plug

- Detects DC voltage on newer cars, trucks, motorcycles and more
- 0–19.9 V DC range
- USB plug allows measurement of DC voltage, ground and open circuits without changing polarity

EECT413 Interchangeable Tip 12 V Digital Display Circuit Tester Kit

- This 12 V circuit-testing kit includes various non-intrusive grabbers, clips, plus standard, micro and spade style probes to suit just about any job
- LCD digital display enables detection of DC voltage on 6 and 12 V vehicles
- Computer safe <10mA circuit draw for confident testing



- Read and follow safety messages in the instructions.
- Do not use in environments with explosive vapor.
- Read Safety Precautions on pages W1–W4.

CIRCUIT TESTERS



6/12 V or 24 V Classic Bulb Circuit Testers

Specifications	EECT3HL	EECT30H	EECT324HD ¹
Voltage	6 and 12 V DC	6 and 12 V DC	24 V DC
Cord Color/Type	Straight Cord Mini Black	Straight Cord Black	Black Rubber Straight (Non-coil)
Cord Material/Wire Gauge	Rubber18	Rubber18	—
Outside Wire Diameter	4.0 mm	4.0 mm	16 (4)
Cord Length, inches (extended)	70	70	6 (2) – 18
Replacement Cord Assembly	EECTCORDBLM	EECTCORDBLS	EECTCORDBLS
Replacement Bulb or PCB and Spring Assembly	2-5130 Classic Bulb	2-5130 and EECT30H-1 Spring	2-5130 and EECT324HD-PCB
Handle Size/Color	Mini Instinct®/Clear	Medium Instinct®/Clear (EECT30H-HA)	Medium Instinct®/Red (EECT324HD-HA)
Replacement Clip	EECTCLIP	EECTCLIPHD-B	—
Boot	EECTBOOT	—	—
Stainless Steel Shank Length, inches	3-0/8	3-5/8	3-5/8 (9.2)
Weight, lb (kg)	—	—	0.3 (0.227)

EECT3HL 6/12 V Classic Bulb-Style Circuit Tester

- 6' straight rubber cord; 3-5/8" stainless shank
- Terminal screw connection makes cord replacement easy and ensures a positive electrical signal connection
- Superior flex wire glides past components and remains flexible in cold conditions
- Premium rubber boot material stays flexible over its life and is replaceable if worn
- Copper clip maximum electrical signal transfer
- Mini handle and long-reach shank improve accessibility in confined workspaces
- DO NOT USE ON AIRBAGS

EECT30H 6/12 V Classic Bulb Circuit Tester

- Incandescent bulb brightness adjusts proportionately to the circuit voltage: the higher the circuit voltage, the brighter the light
- Patented medium Instinct® handle for comfort and style
- Superior flex wire glides past components and remains flexible in cold conditions
- 6' straight rubber cord; 3-5/8" stainless steel shank
- Heavy-duty copper coated clip bites and holds battery terminal, while providing maximum electrical signal transfer
- Designed specifically for experienced techs who like to see the bulb dim based on load, incandescent brightness adjusts proportionately to circuit voltage and resistance
- Technical Support: 888-382-6522
- DO NOT USE ON AIRBAGS

EECT324HD¹ 24 V Classic Bulb Circuit Tester

- Incandescent bulb brightness adjusts proportionately to circuit voltage; the higher the circuit voltage, the brighter the light
- Patented medium Instinct® handle for comfort and style—red handle identifies the 24 V model
- Heavy-duty copper-coated clip bites and holds electrical terminal, while providing maximum electrical signal transfer
- Superior flex wire glides past components and remains flexible in cold conditions
- 6' straight black rubber cord; 3-5/8" stainless steel shank
- Designed specifically for experienced techs who like to see the bulb dim—incandescent brightness adjusts proportionately to circuit voltage and resistance
- Technical Support: 888-382-6522
- DO NOT USE ON AIRBAGS



EECTCORD400U
Black Coil with Heavy-Duty Clip



EECTCORD424V
Red Straight with Heavy-Duty Clip



Battery Adaptors

TLS4A Battery Adaptor (Blue-Point®)

- 12 V accessory adaptor supplies power to the EECT401 circuit tester as well as to most other 12 V-powered devices
- 3' cord length



EECTCLIPHD-R
Optional Field-Replaceable Heavy-Duty Clamp



EECTCLIPHD-B
Optional Field-Replaceable Heavy-Duty Clamp

Digital Display Circuit Testers

EEDMCT-KITA Digital Multimeter, Circuit Tester and "Y" Terminal Master Kit

- Bring the all-in-one kit to the job for 12 and 24 V auto and truck electrical testing
- Includes the EEDM504F, EECT413 and MTTL900-KIT sets in one complete diagnostic package
- The circuit tester is used with various non-intrusive probes and adaptors for quick testing
- Our most popular digital horizontal multimeter includes TRMS, daylight readable screen, resistance, AC/DC voltage testing and more
- Unique "Y" adaptor enables testing of a single terminal, or inline testing of a circuit or terminal harness
- Portable storage case fits in 4" tall and 18" deep tool storage drawers with no wasted space
- Foam organizer includes cut-out silhouette of each component, part number, description and color for excellent organization of tools



EEDMCT-KITA

MTTL900-KIT Multimeter "Y" Terminal Adaptor Kit

- 12 and 24 V DC automotive terminal kit for use with EEDM Series Digital Multimeters or EECT Circuit Testers
- Unique "Y" adaptor enables testing of a single terminal, or inline testing of a circuit or terminal harness
- Non-intrusive circuit testing with a banana jack adaptor for DMM test lead or circuit tester connection
- High-quality silicon wire is flexible in cold conditions and protected against high heat conditions
- (34) color coded adaptors makes them easy to find and select for quick connections
- Includes MTTL7002 threaded to modular adaptor (Red and Black)
- Carry case fits in 4" tool storage drawers with no wasted space



MTTL900-KIT



- **MTTL900R-XL Round XL Red Y Terminal**
- **MTTL900R-L Round L Green Y Terminal**
- **MTTL900R-M Round M Brown Y Terminal**
- **MTTL900R-S Round S Blue Y Terminal**
- **MTTL900R-M1 Round M1 Black Y Terminal**
- **MTTL900R-M2 Round M2 Red Y Terminal**

- **MTTL900S-XL Spade XL Red Y Terminal**
- **MTTL900S-L Spade L Green Y Terminal**
- **MTTL900S-M Spade M Brown Y Terminal**
- **MTTL900S-S Spade S Blue Y Terminal**
- **MTTL900S-M1 Spade M1 Black Y Terminal**
- **MTTL900S-M2 Spade M2 Red Y Terminal**

• **MTTL900-FOAM Foam Insert**
 CE - DE, ES, FR, IT, GB, NL
 NOTE: XL and L quantity 2, all others quantity 3.
 Technical Support: 888-582-6572

Multi-Use Storage Racks

- Three heavy-duty magnets for quick attachment and mobility
- Both racks can be mounted to the wall with screws or placed on a roll cab with a magnetic back
- Ideal for use on the side of a toolbox or service cart
- Attaches to any flat metal surface

EEDMRACKBJR DMM Banana Jack Storage Rack

- Convenient rack with banana jacks to hold test leads, back probes, adaptors and more
- 16 banana jacks hold accessories neatly
- Stores inside the door of tool storage lockers for security at night

EEDMRACKM Multi-Purpose Magnetic Tool Storage Hanger

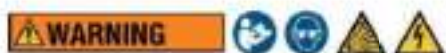
- Holds test leads, screwdrivers, pliers, etc.
- Powder coated paint for durability
- Heavy-duty wire arms will not bend
- Mechanical fastener slots designed for most roll cable attachment for heavier loads



EEDMRACKBJR



EEDMRACKM



- Read and follow safety messages in the instructions.
- Do not use in environments with explosive vapor.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

CIRCUIT TESTERS



Specialty Circuit Tester

EECT72² Amp Hound 2 (Blue-Point®)

- Same as the EECT74 with additional features
- Real-time readings
- Plug-in fuse adaptors
- Functions with micro fuses

EECT74 Amp Hound (Blue-Point®)

- For use on 6, 12 and 24 V electrical systems
- No need to remove a fuse, reducing the amount of time to determine the current in the circuit
- Finds parasitic drains without resetting the offending circuit
- Checks the fuse box quickly without repeatedly pulling a fuse and checking the meter
- Will not short a circuit while the fuse is removed
- Touch the probes to the top of the fuse
- Tests all of the most common types of automotive fuses and amp ranges
- Intelligent audible tones and digital displays
- Active circuit unit beeps three times and displays the amp value
- Inactive circuit beeps continuously and displays (000)
- Open or blown fuse will not beep and displays (-.-)



OBD-II Breakout Boxes

EECT808² OBD-II Breakout Box (Blue-Point®)

- Test the vehicle diagnostic link connector DLC for abnormalities such as shorting or reverse polarity at the pins
- Provides quick access to all 16 pin terminals during vehicle diagnosis and repair, eliminates guessing which terminals are being probed
- Displays live Voltage readings when testing pins
- Convenient DLC light illuminates the DLC connector to aid in locating the vehicle's OBD-II port
- Once plugged into the vehicle's OBD-II port, the unit will check the pins for present voltage—respective LEDs will illuminate with specific colors, pulse or be solid, to identify communication or error (See user manual for details)
- Default pin display is set to pin 16 with corresponding actual battery voltage detected from the DLC
- No need to crawl under the dash, attempting to probe what you can't see
- Compatible with 12 V systems

- Use independently or diagnose further with a customer owned multi-meter and the positive and negative pin adaptors included
- Works in-line with the vehicle's DLC and scan tool (sold separately)
- Monitors vehicle voltage during module programming with a low voltage alarm
- Eliminates damage to vehicle terminals from probing

EECT808-1² POS and NEG Pin Adaptors

- Positive and negative pin adaptors for use with EECT808 OBD-II Breakout Box

YA11167 OBD-II Breakout Box (Blue-Point®)

- Provides easy access to all 16 OBD-II terminals
- Eliminates having to guess which terminals are being probed
- Eliminates damage to vehicle terminals from probing
- Tester probes plug in securely so the technician is free to diagnose
- No more crawling under the dash
- Great for diagnosing inoperative communication links

CIRCUIT TESTERS



EECT60660



EECT60660-1



EECT60660-2



EECT60660-3



EECT60660-4



EECT60660-5



EECT60660-6



EECT60660-7



EECT60660-8



EECT60660-9



EECT60660-10



EECT60660-11



EECT60660-12

Relay Test Kit

EECT60660 Deluxe Relay Test Kit (Blue-Point®)

- Eight color-coded relay test jumpers make a selection easy
- Each relay test jumper has metal pins on its side, making test lead connection fast
- Connecting a jumper wire (included) between two specified jumper tabs tests the relay
- Kit also comes with test leads to connect the test jumper to meter leads
- Relay puller pliers easily removes electrical relays without damage to the relay or electrical box
- Kit makes testing relays or live circuits quick and easy
- Includes (8) jumpers to fit most popular relays
- Includes test lead kit for easily and securely connecting relay test jumpers to a multimeter

EECT60660-1 Test Jumper

EECT60660-2 Test Jumper

EECT60660-3 Test Jumper

EECT60660-4 Test Jumper

EECT60660-5 Test Jumper

EECT60660-6 Test Jumper

EECT60660-7 Test Jumper

EECT60660-8 Test Jumper

EECT60660-9 Banana Plug Adaptor

EECT60660-10 Y-Terminal Lead with Green Plug

EECT60660-11 Terminal Lead with Blue Plug

EECT60660-12 Terminal Lead with Yellow Plug



YAB006



YAB005



YAB005-5



YAB005-30



YAB005-11



YAB005-7

Fuse Savers

YAB006¹ Master Fuse Saver Kit (Blue-Point®)

- Dual-type fuse box connector with 10' cord allows the user to move around the vehicle testing wires while looking for the short
- No wasted fuses
- Includes: 5, 10, 15, 20 and 30 A resetting breaker handles, buzz alert module and (6) fuse adaptors
- CE

YAB005² Fuse Saver Kit (Blue-Point®)

- Dual-type fuse box connector with 10' cord allows the user to move around the vehicle testing wires while looking for the short
- Includes 10, 15 and 20 A resetting breaker handles
- YAB005-EXT are optional accessories for the YAB005 Kit and are not included

YAB005-5¹ 5 Amp Breaker Handle

YAB005-10¹ 10 Amp Breaker Handle

YAB005-15¹ 15 Amp Breaker Handle

YAB005-20¹ 20 Amp Breaker Handle

YAB005-30¹ 30 Amp Breaker Handle (Blue-Point®)

YAB005-11¹ Buzz Alert Adaptor (Blue-Point®)

- Buzz alert sound module

YAB005-14¹ 6 pc Fuse Saver Adaptor Set (Blue-Point®)

- Includes YAB007, YAB008, YAB009, YAB010, YAB012 and YAB013 fuse adaptors

YAB005-7¹ Dual Connector with 10' Cord

- Allows you to move around the vehicle testing wires while looking for the short

YAB005-EXT¹ 10' Extension Cord

- 10' extension cord



• Read and follow safety messages in the instructions.

• Do not use in environments with explosive vapors.

• These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.

• Read Safety Precautions on pages W1-W4.

CIRCUIT TESTERS



YA111KITA

Short-Circuit Locators

YA111KITA Relay Shorting Plug Kit (Blue-Point®)

- Plugs close normally open contacts and instantly determine which half of an output circuit is suspect
- Eliminate guessing which terminals to short
- Significantly reduce diagnostic time
- Kit works on all vehicles using standard four- and five-pin relays
- Avoids damage to the relay socket as a result of probing

YA111-10A Relay Shorting Plug (Blue-Point®)**YA111-15A Relay Shorting Plug (Blue-Point®)****YA111-20A Relay Shorting Plug (Blue-Point®)**

EEFB310

Continuity Testers

EEFB310 Fuse Buddy® Pro Test Kit (Blue-Point®)

- Great tool for reading circuit amperage draws and troubleshooting up to 30 A
- Includes (1) meter with (3) interchangeable test functions: 30 A MINI circuit current testing, 30 A ATC circuit current testing and 30A all-purpose current testing
- Plugs directly into MINI and ATC fuse sockets
- Original fuse is replaced in-line, maintaining circuit protection
- Measuring range: 0-30 A/48 V DC 10 seconds
- Accuracy: ±2% of reading
- Resolution: 100 mA

EEFB310-1 Replacement Fuse Buddy® Pro Meter (Blue-Point®)**EEFB310-2 Fuse Buddy® Pro ATC Adaptor Set****EEFB310-3 Fuse Buddy® Pro ATC Fuse Adaptor Set****EEFB310-4 Fuse Buddy® Pro Positive/Negative Clamp Adaptor Set****EEFB315 Max Fuse Buddy® Kit (Blue-Point®)**

- MAXI circuit testing capability up to 80 A
- Works with MINI and ATC circuits (adaptors included)
- Unit features peak hold functions and one-touch zero function
- Use on antilock brake circuits, car stereo circuits, power distribution circuits, marine and automotive branch circuits, rear window defogger circuits, solar power DC branch circuits, traction control circuits, solar charge controller circuits and heavy-duty equipment circuits
- Amps: 0-80A DC
- Resolution: 0.1A
- Accuracy: ±2.0% of reading + four digits

EEFB315-1 ATC Fuse Adaptor for Max Fuse Buddy® (Blue-Point®)**EEFB315-2 Mini Fuse Adaptor for Max Fuse Buddy® (Blue-Point®)**

EEFB315

Dynamic Test Leads

EECT180 LOADpro® Dynamic Test Leads (Blue-Point®)

- LOADpro® quickly finds problems like high-corrosive resistance, shorts to ground and open circuits
- Works with any DMM with standard banana plugs
- Test leads are 60" in length
- For use on circuits up to 28.5 V
- Do not use on computer ECM input circuits
- LOADpro® performs a voltage drop test with the press of a button
- Steady pin probe tips—a small recess allows the probe to sit on the connector pin
- Pressing the switch applies a load of 40mA per volt across the circuit (example: 40 mA x 12 V = .48 A of load)
- Used for automotive, heavy-duty, marine, RV and equipment



EECT180

YA8027[†]YA8028[†]YA8029[†]TLT8000[†]TLT5[†]TLT6[†]TLT7[†]YA3179B[†]

Trailer Harness Testers and Adaptors

YA8027[†] Towing Maintenance Kit (Blue-Point[®])

- Used for six-round-pin vehicle side circuit testing
- Tests, cleans and repairs truck and trailer connections, plus light assemblies
- Great preventative maintenance tool
- Extends harness life
- Eliminates guesswork, reduces downtime and improves safety
- Kit includes six-round-pin tester, two terminal cleaning tools and a 2 mL tube of DeoxIT[®] electric contact cleaner
- Packaged in a compact clamshell

YA8028[†] Towing Maintenance Kit (Blue-Point[®])

- Used for seven-spade-pin vehicle side circuit testing and cleaning
- Tests, cleans and repairs truck and trailer connections
- Great preventative maintenance tool
- Extends harness life
- Eliminates guesswork, reduces down time and improves safety
- Kit includes seven-spade-pin tester, two terminal cleaning tools and a 2 mL tube of DeoxIT[®] electric contact cleaner
- Packaged in a compact clamshell

YA8029[†] Towing Maintenance Kit (Blue-Point[®])

- Used for seven-round-pin vehicle side circuit testing and cleaning, plus seven-round-pin connector cleaning
- Tests, cleans and repairs truck and trailer connections
- Great preventative maintenance tool
- Use as a pin wear gauge on trucks and trailers
- Eliminates guesswork, reduces down time and improves safety
- Kit includes a YA3179B seven-round-pin tester, IPA8024-AS1 and IPA8024-AS2 Round-Pin Terminal Cleaners, plus a 2 mL tube of DeoxIT[®] electric contact cleaner

TLT8000[†] 3-Way Trailer Adaptor (Blue-Point[®])

- Adapts a seven-way connection to six round pin and four-/five-pin connections
- Sealed plugs keep road debris from corroding connections
- Winged grip for easy installation and removal
- For use on medium-/light-duty trucks, 1/2-, 3/4- and 1-ton pickups, campers and other heavy-duty applications

TLT5[†] Trailer Harness Tester

- Easily locates electrical problems in the tow vehicle
- Checks both four- and five-pin flat trailer connectors with LED indicator lights
- Tests left and right signals, brake lights and running lights

TLT6[†] Trailer Harness Tester

- Checks six-pin round trailer connectors with LED indicator lights
- Same applications as TLT5

TLT7[†] Trailer Harness Tester

- Easily locates electrical problems in the tow vehicle
- Checks seven-spade/flat-pin trailer connectors with LED indicator lights
- Tests left and right signals, brake lights and running lights

YA3179B[†] Circuit Chaser

- Round-pin circuit chaser for semitrailers
- Test the semitrailer plug and cable
- Both male and female ends so the technician can isolate a fault to the trailer or cable
- Can temporarily repair short circuits in the shop or on the road
- Includes (5) jumper tabs and (1) replacement prong



EECT110-AC

AC Voltage Sensor

EECT110-AC 110–1,000 V AC Voltage Sensor

- Non-intrusive AC voltage tester—check 110–220 V AC shop wall outlets and AC inverters for the presence or absence of power—also check newer vehicle AC outlets
- Provides a safe and accurate first check as to why electrical equipment plugged into the wall outlet does not function
- On/off switch illuminates green when pressed, powered by internal field replaceable lithium battery; unit powers off if not used for 5 minutes
- When 110–1,000 V AC is detected, the unit beeps and the tip lights red

- Industrial application to test electrical power—move probe along insulated wire, near outlets to make sure power is OFF prior to working on a circuit
- Conveniently fits in shirt pocket with clip for access
- Translucent red Instinct[®] handle for comfort is impact resistant and features a raised rib to keep fingers a safe distance from targeted test area
- CAT IV 1,000 V AC Rating
- Field replaceable battery (EECT110AC-BAT), end cap (EECT110AC-CAP), circuit board (EECT110AC-PCB) and handle (EECT110AC-HA)



- Read and follow safety warnings in the instructions.
- Do not use in environments with explosive vapors.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

LEAK DETECTORS



EELD500

EELD500 Smart Smoke® EVAP Machine

- Smart Smoke® technology diagnoses eight of the top 10 DTC codes
- Digital readout displays leak sizes down to 0.001 LPM and pressure/vacuum in H₂O
- Self-calibrates for .010, .020, .040 and automatically performs an EVAP pass/fail test
- One-touch EVAP testing at 0.5 PSI with automatic pass or fail
- Low-flow mode makes it easier to find leaks
- Vacuum port adaptor diagnoses Chrysler® ESIM and NVLD systems
- Find leaks; the evaporative emissions diagnostic smoke machine delivers EVAP testing and general-purpose applications
- Conveniently functions with OEM-specified nitrogen, a portable CO₂ bottle (ships empty) or shop air
- UltraTraceUV® dye solution pinpoints leaks
- OEM-approved smoke technology
- Smoke solution is safe and does not produce unpleasant odor in the shop
- Three-button control Display Select, Orifice Select and Start
- Includes a combination LED/UV light and remote control
- Convenient hanger for undercar and underhood use

EELD500 and EELD100A APPLICATIONS:

Air cleaner assembly, air ducts, air valves, cylinder heads, diaphragms, egr valve, evap, exhaust manifolds, exhaust pipes and mufflers, fuel tank pressure sensor, intercooler, intake gaskets, injector o-rings, loose clamps, map sensors, mass airflow meter, oil leaks, pcv valve and hoses, throttle body shaft, turbos, vacuum hoses, vacuum switches, wind and water

Included Accessories:

- EELD500-1 8 oz UltraTraceUV® Dye Solution
- EELD500-2 Large Adaptor Cone
- EELD500-3 Vacuum Adaptor
- EELD500-4 Combination LED/UV Light and Glasses
- EELD500-5 Removeable Battery Clamp Lead Set (for Pre-2020 models)
- EELD500-6 Smoke Hose
- EELD500REM Remote Control
- EELD301A1 UltraTraceUV® Smoke Solution
- EELD301A2 17 pc Cap Plug Kit
- EELD301A3 Exhaust Cone Adaptor
- EELD301A4 Wind/Water Leak Adaptor
- EELD302A2 EVAP Service Port Adaptor Standard Size
- EELD302A4 Schrader Valve Core Tool

Portable Diagnostic Smoke Machine

Specifications	EELD500
Power Supply	12 V DC
Power Consumption	12/18 V DC, 25 A
Supply Volume, L/Min	10
Line Length/Smoke Supply, ft (m)	8 (2.44)
Line Length/Power Supply, ft (m)	8 (2.44)
Remote Starter Range, ft (m)	50 (15.24)
Overall Dimensions, inches (mm)	12 W x 9 D x 12 H (310 W x 230 D x 310 H)
Maximum Output Test Pressure, inches/H ₂ O (Psi)	10 (0.6)
Maximum Pressure Input, Psi	170
Weight, lb (kg)	11.5 (5.25)

- Lightweight and compact—stores in a large bottom roll cab drawer or hangs with an optional cover to protect from shop dirt and dust
- Includes: Large adaptor cone, vacuum adaptor, a combination LED UV light and yellow glasses, removable battery clamp lead set, remote control, user manual, assorted cap-plug set, exhaust cone (1 x 3-1/2" dia./6" long), smoke diffuser (for finding wind/water leaks), EVAP service port adaptor that fits standard- and dual-size Schrader removal/installation tool
- Optional accessories include a CO₂ bottle and regulator, protective cover, an 8 oz bottle of solution, second smoke hose, vacuum pump, gas cap adaptor (3 pk) and a BMW® gas cap adaptor



EELD500C02



EELD500-4



EELDGASCAP

Optional Accessories:

- EELD500C02 CO2 Bottle and Regulator (for EELD500)
- EELD500CVR Protective Cover
- EELDGASCAP Fuel Tank Filler Neck Adaptor (Blue-Point®)
- EELDGASBMW Gas Cap Adaptor BMW® (Blue-Point®)



EELD100A

Diagnostic Smoke Machine

Specifications	EELD100A
Power Supply	12 V DC
Power Consumption	12 V DC, 25 A
Supply Volume, L/Min	10
Line Length/Smoke Supply, ft (m)	8 (2.44)
Line Length/Power Supply, ft (m)	8 (2.44)
Line Length/Remote Starter, ft (m)	10 (3)
Maximum Pressure Input, Psi	170
Overall Dimensions, inches (mm)	12 W x 13 D x 12 H (305 W x 229 D x 305 H)
Weight, lb (kg)	11.5 (5.25)

CE - DE, ES, FR, IT, GB, NL

EELD100A Diagnostic Smoke EVAP Machine

- Finds leaks
- Contains Diagnostic Smoke technology for EVAP testing and general-purpose applications
- UltraTraceUV® non-contaminating dye solution pinpoints leaks that smoke cannot locate alone
- Includes a combination LED and UV light, plus special glasses
- Eight of the top 10 emission DTC codes can be diagnosed with this unit
- Smoke solution does not produce an unpleasant odor in the shop
- Variable flow control manually reduces the flow to help pinpoint the exact location of a leak
- Conveniently functions with OEM-specified optional nitrogen, a portable CO₂ bottle (ships empty) or shop air
- Convenient retractable hanger for undercar and underhood use
- Lightweight and compact stores in a large bottom roll cab drawer or hangs with an optional cover to protect from shop dirt

OPTIONAL ACCESSORIES:

- EELD500C02 CO₂ Bottle and Regulator, EELD500C02 ships empty and needs to be filled at a hardware store
- EELD500CVR Protective Cover
- EELD500-1 Additional 8 oz Bottle of Solution
- EELDGASCAP Gas Cap Adaptor 3 pc
- EELDGASBMW One Gas Cap Adaptor BMW®

Included Accessories:

- EELD100-4 Combo Light (Blue-Point®)
- EELD100A-3 Smoke Hose Extension with Delrin® Nozzle
- EELD100A-4 Tee Connector with Delrin® Nozzle
- EELD301A2 17 pc Cap Plug Kit
- EELD301A3 Exhaust Cone Adaptor
- EELD301A4 Wind/Water Leak Adaptor
- EELD302A1 Nitrogen Hose
- EELD302A2 EVAP Service Port Adaptor Standard Size
- EELD302A3 EVAP Service Port Adaptor Fitting
- EELD302A4 Schrader Valve Core Tool
- EELDCAPLESS Capless Fuel Tank Adaptor
- EELDGASBMW Gas Cap Adaptor BMW® (Blue-Point®)
- EELDGASCAP Fuel Tank Filler Neck Adaptor (Blue-Point®)
- EELDGASCAP1 Fuel Tank Filler Neck Adaptor (Blue-Point®)
- EELD302010 Smoke Machine Upgrade Kit
- EELD301A1 UltraTraceUV® Smoke Solution



- Read and follow safety messages in the instructions.
- Do not use as a substitute with explosive vapors.
- Use only in well-ventilated areas.
- Do not breathe.
- Read Safety Precautions on pages WI-3W4

LEAK DETECTORS



EELDCAPLESS

EELDCAPLESS Capless Fuel Tank Adaptor

- Specifically designed for new capless fuel tank filler necks
- EVAP testing is simplified through a dual-door fill neck; no need to tap into EVAP system
- For use with EELD500 or EELD100A smoke machines (sold separately)
- Seals both doors with a simple twist of the perforated knob to expand the bladder for accurate testing
- Will work with most double-door, gas capless systems 2013 and newer
- Required for testing filler necks with one-way rollover valves to help prevent incorrect diagnoses
- Made of anodized aluminum for long, corrosion-free service life



EELDGASCAP

EELDGASBMW

EELDGASCAP Fuel Tank Filler Neck Adaptor (Blue-Point®)

- Quickly pops on virtually any filler neck
- ### EELDGASBMW Gas Cap Adaptor BMW® (Blue-Point®)
- Single for BMW®

Evaporative Emissions Diagnostic Smoke® Vapor Producing Machines – Feature Comparison

	EELD100A	EELD500
Uses Diagnostic Smoke® vapor technology developed in collaboration with Ford Motor Co., GM®, FCA US LLC and approved by most major OEMs.	•	•
Non-contaminating UltraTraceUV® dye solution pinpoints the leak. The only dye solution mandated by most major OEM's. Will not harm activated charcoal canister, ORVR valve, purge valves, catalytic converters, O ₂ sensors, seals or gaskets and determined not to void vehicle factory warranty.	•	•
Technology meets specifications when OEMs require nitrogen for safer EVAP system testing.	•	•
Designed with an electronic Safety Valve that automatically shuts off air flow into the vehicle's EVAP system when the machine turns off. This stops gasoline fumes from exiting the EVAP system and filling your work bay.	•	•
TECH LINE Supported 800-901-1988 for end user to help with any and all EVAP problems.	•	•
Vacuum/Pressure Gauge for vacuum/pressure decay.	•	•
Convenient Hook with fold down handle for hanging under car or under hood and easy storage in tool box.	•	•
Ability to read and display leak size of .010".	•	•
10-Year Warranty On Glow Plug a reliable heating system that lasts much longer than fiberglass wick-style units.	•	•
Variable Flow Control manually reduces flow to help pinpoint the exact location of a leak.	•	
Low Flow Pulsating Mode automatically adjusts flow to optimal setting to help find small leaks.		•
One-Touch EVAP Testing with automatic pass or fail.		•
Vacuum Port Adapter can apply hand vacuum pump for testing Fuel tank Pressure Sensors, Chrysler ESIM & NVLD systems. Also gives you dual smoke hose capability.		•
Computerized Digital Display down to .001" means you're prepared for any industry leak standard changes.		•
Computerized Digital Display Reading Flow in Liters per Minute to make sure factory specs are met.		•
Computerized Digital Display Reading Pressure/Vacuum in H ₂ O to compare to FTP Sensor for in-depth diagnostic ability.		•
Sleep Mode with Memory retains test results if machine shuts down after five minutes.		•
Cordless remote so there is no need to walk back and forth when doing a job.		•
Micro-processor touch pad for quick and easy operation.		•
Ability to Choose Inert Gas at start-up for 100% accurate results.		•



Portable Diagnostic Smoke Machine (Blue-Point®)

EELD600HD High-Pressure, Heavy-Duty Smoke Machine and Leak Finder (Blue-Point®)

- Use in 12 and 24 V trucks up to Class 8
- 3–43.5 PSI, (69 mbar to 3 bar) output pressure
- Digital pressure selection is quick and the display is easy to view with no difficult analog regulator to adjust
- Convenient wireless RF remote allows the tech to operate from around the vehicle
- Patented UltraTraceUV® non-contaminating dye solution pinpoints leaks smoke alone cannot, with the dye marking the spot after the smoke is gone
- Self-calibrates at every start-up to ensure accuracy
- Microprocessor-controlled single-button touch for all functions
- Smart Technology Software reduces the thinning of smoke density at all pressures
- Auto-drain water separator and filter removes fluid from the shop compressor
- Technical Support: 800-901-1988
- Follows safety standard Division 1, ASME Boiler and Pressure Vessel code (2013 Edition)
- Warning: DO NOT use this tester in the fuel evaporative EVAP system due to its high-pressure capability

Included Accessories:

- EELD301A1 UltraTraceUV® Smoke Solution
- EELD500-4 Combination LED/UV Light and Glasses
- EELD500REM Remote Control
- EELD600HD-4 12/24 Battery Cable Assembly

Optional Accessories:

- EELD600HD-1A Turbo Adaptor 35, 40, 45 mm
- EELD600HD-1B Turbo Adaptor 50, 55, 60 mm
- EELD600HD-1C Turbo Adaptor 65, 70, 75 mm
- EELD600HD-1D Turbo Adaptor 80, 85, 90 mm
- EELD600HD-1E Turbo Adaptor 95, 100, 105 mm
- EELD600HD-1F Plug Adaptor
- EELD600HD-1 6 pc Turbo Adaptor Set
- EELD600HD-2 Turbo Adaptor 110, 115, 120 mm
- EELD600HD-3 Turbo Adaptor 125, 130, 135 mm
- EELD600HD-4 12/24 Battery Cable Assembly
- EELD600HD-5 110 V AC Power Source, North America
- EELD600HD-6 240 V AC Power Source, Europe

Vacuum Pressure Pump Kits

YA4000B¹ Automotive Test Kit (Blue-Point®)

- Produces vacuum or pressure at the turn of a switch
- Used for vacuum and pressure-related engine performance diagnostics and tune-ups; brake bleeding; fluid transfer, evacuation and sampling
- One-finger trigger vacuum/pressure release
- Durable, accurate diaphragm-type vacuum/pressure gauge
- Handheld vacuum/pressure pump with 2" compound gauge and rubber boot
- 12 oz fluid reservoir bottle with fluid transfer and storage lids, plus fluid pick-up tube
- Kit contains multiple accessories as shown, including tapered manifold plugs, vacuum caps and bleed screw adaptors

SVT270B¹ Vacuum Test Kit

- Diagnostic aid for checking operation of vacuum-activated actuator
- Measures vacuum up to 30 Hg with an easy-to-read gauge
- Release valve controls the release of vacuum
- Ergonomic design is durable for everyday use
- Includes hose, cone adaptor, large cone adaptor and cup



- Read and follow safety messages in the instructions.
 - Do not use in environment with explosive vapor.
 - Use only in well-ventilated areas.
 - Do not overload.
- ¹These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W5.

HANDHELD GAS ANALYZERS



HHGA5C

Handheld Gas Analyzers

HHGA5C⁺ Handheld Gas Analyzer (5 Gas)

- Measures exhaust emissions for CO, CO₂, O₂, HC, NO_x and AFR/Lambda
- Portable handheld 5-gas analyzer for use in the bay or a road test
- For use on gasoline, LPG and CNG vehicles; ideal for emissions pre-compliance testing, vehicle servicing and diagnostic work
- Six-line illuminated display allows the user to view all exhaust emission readings simultaneously
- Provides an instant assessment of an engine vehicle exhaust and catalytic converter
- Great for pre-OBD vehicles, as well as hot rods, muscle cars, collector vehicles and race cars for measuring and adjusting the perfect air/fuel ratio
- Links to ZEUS[®], VERUS[®], VERUS[®] PRO, and VERUS[®] Edge; combines gas analysis with other vehicle data for effective diagnostics "in real time" (set-up is required with the software included via a USB stick; diagnostic tools sold separately)
- See the big picture: Gas analyzer views gas analysis data at the same time as other data, including component tests, scope readings, digital graphing function, scanner results, view, graph, save and recall
- Monitors and reduces vehicle emissions, protects the environment and improves both drivability and fuel efficiency
- Unit is very sensitive and pulls only 1/14 the exhaust volume of competing analyzers, reducing water ingress problems, plus the pumps last longer
- Ability to print results using the optional infrared printer (included with the HHGA5CP kit)
- Service is handled at Crystal Lake Northern Repair for Annual Calibration and O₂ sensor replacement, meeting the required industry standard
- Soft pouch is included

HHGA5CP⁺ Handheld Gas Analyzer Kit with Printer (5 Gas)

HHGA5A-Z User Manual

- User manual for the HHGA5B Handheld Gas Analyzer Kit

HHGA5C-Z User Manual

- User manual for the HHGA5C Handheld Gas Analyzer Kit

HHGA-11 Filters

- Filters for HHGA Series Gas Analyzers (5 pk)

HHGA-8 Motorcycle Exhaust Probe

- Optional motorcycle exhaust probe for HHGA Series gas analyzers

HHGA-9 5 Gas Exhaust Probe

- 5 gas exhaust probe for HHGA Series gas analyzers (included with both sets)
- High-temperature stainless steel probe
- Ideal for road testing when measuring NO_x

HHGA-CHARGER Printer Charger

- Printer charger for HHGA-PRINTER

HHGA-PRINTER2 Infrared Printer

- Infrared printer for HHGA Series gas analyzers
- Replacement paper is HHGA-18

HHGA-16 AC Adaptor

- Designed for use in the service bay

HHGA-17 12 V Adaptor

- Designed for use in the service bay or on the road

HHGA-18 Paper Roll

- Replacement paper rolls for the HHGA-5 Infrared Printer (4 pk)

HHGA5A-1 Serial Lead

HHGA5C-17 12 V DC In Car Charger

- 12 V DC in car charger for HHGA5CP

HHGA5A-SP Soft Pouch

- Soft storage pouch included with the HHGA5C

HHGA5B-PB Storage Case

- Hard-shell storage case for HHGA5CP



HHGA5CP



HHGA-8



HHGA-9



HHGA-PRINTER2



Video Scopes

Specifications	BK3000-55 ¹	BK5600DUAL55 ¹	BK5600DUAL85 ¹	BK7000
Power Supply	(4) AA Batteries	(6) AA Alkaline Batteries	(6) AA Batteries	3.7 V, 3,000 mAh, 9.6 watt-hours
Width, inches (mm)	3.15 (80)	1.77 (45)	6-9/10 (175)	6-3/4 (171.4)
Length, inches (mm)	1.47 mm	Viewer: 7.2 (180) Imager: 36 (91)	3.5 (90)	1.26 (32.6)
Height, inches (mm)	1-2/5 (33)	Viewer: 3.94 (100)	1-3/5 (41)	3.77 (95)
Resolution (reading display)	160 x 240 RGB Backlit LED	480 x 272 RGB Backlit LED	480 x 272 RGB Backlit LED	1280 x 720 Backlit LED
Video Out	None	NTSC/PAL	—	N/A
Run Time, hours	4 (Alkaline Batteries)	Alkaline Batteries: 6, NiMH Rechargeable Batteries: 6	6 (Alkaline Batteries)	2 (Approx.)
Operating Temperature Range	30–122 °F	32–140 °F (0–60 °C)	32–140 °F (0–60 °C)	32–140 °F (0–60 °C)
Storage Temperature	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)	-4–140 °F (-20–60 °C)
Field of View, Forward	64° diagonal	Approx. 58° Diagonal	Approx. 56° Diagonal	Approx. 62° Diagonal
Field of View, Side	None	Approx. 55° Diagonal	Approx. 56° Diagonal	Approx. 62° Diagonal
Resolution	Imager: 640 x 480	Imager: 640 x 480	Imager: 640 x 480	Imager: 1,280 x 720 HD Fixed Focus
Optimal Focal Range	1/2–12" (12–30–102 cm)	1/2–12" (12–30–102 cm)	1/2–12" (12–30–102 cm)	1/2–12" (12–30–102 cm)

BK3000-55¹ Borescope with 5.5 mm Imager

- Small, rugged housing designed for comfort and functionality, with a vibrant 2.5" LCD screen
- Integrated 5.5 mm high-resolution imager is easy to use and has three-step zoom, adjustable brightness and 180° image rotation
- Onboard storage for up to 30 images
- Simple and user-friendly five-button interface
- Magnet and mirror accessories with integrated storage give the user additional flexibility
- Powered by AA batteries
- Imager is resistant to dust, dirt and water ingress for 30 minutes at depths of up to 3 meters

BK5600DUAL55¹ True Digital Video Inspection Scope

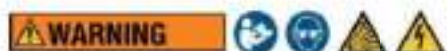
- Includes the BK8000-55 36" digital imager with 5.5 mm dia. dual-view head
- Same as the BK5600 with a 5.5 mm imager
- Digital still image capture with included SD card storage
- Touchscreen interface enables easy feature selection
- Two-year warranty, serviced through Snap-on[®] Repair Centers

BK5600DUAL85¹ Scope with Dual 8.5 mm Imager

- 4.3" (109 mm) diagonal LCD screen for enhanced viewing
- Digital still image capture with included SD card storage
- Includes 36" digital imager with 8.5 mm diameter head
- Touchscreen interface enables easy feature selection
- Uses (6) AA alkaline batteries
- 90° glass mirror and magnet retrieval accessories included
- Includes a storage tray to keep in your tool storage drawer for security
- Two year warranty—serviced through Snap-on[®] Repair Centers

BK7000 High-Definition Borescope with 5.5 mm Dual Imager

- End-to-end true high definition provides the best image quality on the market
- Innovative Picture-in-Picture allows technician to capture forward and side camera images simultaneously
- Large 5" high-resolution screen provides best-in-class viewing
- Capacitive touchscreen interface for a more familiar user experience
- True high definition (1,280 x 720) 5.5 mm dual-view imager for capturing finer details
- Interchangeable accessory imagers (not included) enable a wide variety of uses
- Ability to capture images and video, add text or audio annotation
- Powerful quadcore processor powers high resolution video
- Wi-Fi[®] connectivity provides seamless software updates
- Ready to use out of the box
- Quick USB-C charging for less downtime
- Rugged design and quality materials designed to withstand life in a repair shop
- Supported by 2-year warranty and after sale service



- Read and follow safety messages in the instructions.
- Do not use in environments with explosive vapor.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4.

VIDEOSCOPES



BK8000-55

BK8000-55⁺ 5.5 mm Digital Dual View Imager

- 5.5 mm imagers get into much tighter spaces than standard 8.5 mm
- Dual view digital cameras see straight ahead or at a 90° angle
- No need for an additional mirror attachment
- Close focus provides incredible detail
- Imagers are resistant to all common automotive chemicals



BKIMG38FV

BKIMG38FV 3.8 mm HD Front View Imager

- For use on BK5600, BK6500, BK8000 and BK8500 digital borescopes
- 3.8 mm imagers get into much tighter spaces than standard 8.5 mm or 5.5 mm imagers
- Digital sensor technology provides small package size to access the smallest port sizes
- Forward view imager allows the user to see combustion cup of piston
- 3.8 mm outside diameter fits most glow plug ports
- Imagers are resistant to all common automotive chemicals
- Two year warranty for added purchase security



BKIMG38SV

BKIMG38SV 3.8 mm HD Side View Imager

- For use on BK5600, BK6500, BK8000 and BK8500 digital borescopes
- 3.8 mm imagers get into much tighter spaces than standard 8.5 mm or 5.5 mm imagers
- Digital sensor technology provides small package size to access the smallest port sizes
- Side view imager allows the user to see the cylinder wall and valves
- Side view imager features a permanently attached mirror, so it cannot fall off
- 3.8 mm outside diameter fits most glow plug ports
- Imagers are resistant to all common automotive chemicals
- Two year warranty for added purchase security



BKIMG55ART

BKIMG55ART 5.5 mm Articulating Imager

- 5.5 mm imager head
- High-definition camera
- Imager head articulates up to 180°
- Articulating head makes inspections in tough to reach areas easier
- Radius is less than 31 mm
- Great for looking back up into the cylinder, looking into a valve and looking at the backside of the valve
- Black anodized aluminum body with plunger mechanism
- Compatible with BK5600, BK6500 and BK8500



WINS100R

Wire Insertion Tools**WINS100R Wire Insertion Tool Set**

- Prevents damage to electrical sheathing
- Helps the technician feed or pull wire around a number of obstacles, or against pieces of metal
- Provides flexibility/adaptability; set allows technician to adapt to each application through the use of different lengths and diameters of tubes
- Ideal for use with Snap-on[®] videoscopes; protects investment by using this tool to direct/protect the expensive fiber optic element during use
- Tubes thread into metal threaded insert within the handle, providing strong connection
- Tube angular orientation prevents the wires from "dead-heading" against an object, and getting stuck or damaged
- Includes storage tray

Electronic

Quickly pinpoint the source of noise or vibration in underhood, undercar and vehicle interiors. Six selectable channels allow the placement of sensors in various locations to pick up bearing, gear, engine, suspension, drive accessory and wind noises.



YA6930

YA6930 Electronic Engine Stethoscope (Blue-Point®)

- Amplifies sound during diagnosis or verification of proper vehicle operation
- Used to pinpoint faulty bearings, injectors, squeaks, rattles and more
- Mode selection switch with LED indicator easily switches between the sound and vibration functions
- Noise cancellation feature eliminates background noise
- Studio-style headphone set with a tangle-free cord
- Detachable flex wand with LED illuminated tip
- Rotary volume control
- Lightweight and balanced with an ergonomic comfort grip



YA6910

YA6910 Mini Electronic Stethoscope (Blue-Point®)

- Convenient diagnostic tool can pinpoint location of noise caused by bad bearings, bushings, dirty fuel injectors, wind and air leaks, noisy valves and lifters
- Allows the user to monitor gears, bearings and suspension components under load so problems can be more accurately diagnosed
- Sensor clamp helps to detect noises during vehicle test drive that cannot be duplicated in the work bay
- Sensor tip mounted on a 6" flexible shaft allows access to hard-to-reach areas
- 5" inductive metal probe allows the user to pinpoint the source of noise or vibration
- Ultra-sensitive microphone provides a full range of sound
- Features a rotary-style adjustable volume control



YA6920

YA6920 Electronic Marine Stethoscope (Blue-Point®)

- Unique diagnostic listening device is specifically designed to pinpoint squeaks, rattles and other troublesome noises in most marine vessels and watercraft with inboard or outboard motors
- Tests for noise and harmonic vibration on bearings, underdash areas, control cables, fuel injectors, cabinets and compartments, alternators, switches, pumps, final drives, steering gears, gear cases, steering pumps, hulls and compressors
- 14' long, water-resistant wire loom harness allows user to diagnose hard-to-reach problem areas
- Six spring-loaded, color-coded stainless steel sensor clamps with built-in super-sensitive microphone in the tips for optimal sound detection
- Heavy-duty professional headphones block any unwanted sounds



GA111D

Mechanic's

GA111D Mechanic's Stethoscope (Blue-Point®)

- Locates any engine sound, such as bearing noise, knocks and squeaks in fan or water pump and valve tappets
- Sound-amplifying diaphragm and a 12" probe locate trouble



GA112

GA112 Stethoscope with Magnetic Holder

- Magnetic holder allows stethoscope to be held in place hands free so technician can check for chassis noise individually
- Unique sound chamber and super thin diaphragm greatly amplifies sounds
- Quickly pinpoints the source of noises in engines, transmissions, differentials and bearings



- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- Keep hands away from moving parts.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

INFRARED THERMOMETERS



CTG861K1

CTG861 Series Color Display Infrared Thermometers

The Snap-on® CTG861 14.4 V color display 12:1 infrared temperature gun provides safe, easy readings in any automotive or industrial setting. The CT861 provides high resolution with great accuracy and will handle a wide range of temperatures. This full-featured unit is the industry standard.

- Tough and lightweight for maximum maneuverability and less user fatigue, this family of MicroLithium Cordless Power Tools feature integrated soft-grip handles for the ultimate in comfort and control, while their small size means they fit into tight spaces with ease
- Operating on the CTB8174 14.4 V 2.5 Ah MicroLithium battery, these tools deliver big power in the most restricted areas, both inside the passenger compartment and under the hood, for more power and flexibility than ever before

Specifications	CTG861K1
IR Resolution	< 1,000 °C/°F; 0.1 °C/°F; > 1,000 °C/°F; 1 °C/°F
IR Accuracy	0-660 °C; ±2% or 2 °C; -18-0 °C; 5 °C; 560-1,000 °C ±2% ±3dg
IR Repeatability (+23 Ems-0.95)	±2% or ±2 °C/°F
K Type Range (Optional)	-308-2,372 °F (-203-1,309 °C)
K Type Accuracy (Optional)	0.5% of Reading ±1.8 °F (±1 °C)
Response Time	500 mSec
Spectral Response	7-14 um
Display Held	Last reading and operating mode display for 30 sec nominal upon trigger release
Emissivity	0.30-0.95 Adjustable
Alarm	On/Off and High/Low
Record	Rec/Max/Min
Ambient Operating Range, °F (°C)	32-122 (0-50)
Relative Humidity	33-80% RH non-condensing
Temperature Range	-58-1,332 °F (-50-1,000 °C)
Storage Temperature	14-140 °F (-10-145 °C) without Battery
Distance To Spot Size	12:1 (90% energy covered)
Battery Type	Snap-on® 14.4 Volt
Runtime on a Single Battery Charge, hours	30
Charger	CTC772A
Tool Only	CTG861DB

CE - DE, ES, FR, IT, GB, NL, JP



RTEMP8

RTEMPB3A

RTEMPB7

Infrared Thermometers

Specifications	RTEMP8	RTEMPB3A*	RTEMPB7*
Temperature Range	-50-760 °F (-76-1,400 °C)	-58-932 °F (-20-500 °C)	-31-689 °F (-35-365 °C)
Temperature Display	Selectable (°F or °C)	Selectable (°F or °C)	Selectable (°F or °C)
Response Time	1 Second	0.5 Second	1 Second
Emissivity	Adjustable, set to 0.95	0.95	0.95 or 0.70 (0.95 default)
Power	(2) AAA Batteries	9 V Alkaline or Ni-Cad Battery	(2) AAA Batteries
Accuracy	±1.8 °F (±1 °C)	±2% of reading or ±4 °F (±2 °C)	2.7 °F (±1.5 °C)
Distance to Spot Ratio	12:1	12:1	—
Ambient Operating Range, °F (°C)	32-122 (0-50)	32-105 (0-41)	32-122 (0-50)
Description	Multi-Laser Infrared Thermometer	Infrared Laser Thermometer (Blue-Point®)	Infrared Thermometer (Blue-Point®)

*Blue-Point®

CE - DE, ES, FR, IT, GB, NL, JP

RTEMP8 Multi-Laser Infrared Thermometer

- Easy-to-read color screen
- Modes include E, MAX, MIN, DIF, AVG, HAL and LAL
- Distance:Spot = 12:1
- Temperature range: -76-1,400 °F (-60-760 °C)
- Operating range: 32-122 °F (0-50 °C)
- Battery: (2) AAA
- Battery life: minimum of 7 hours of continuous use with laser and 30 hours of continuous use without laser
- Thermometer automatically shuts off if left idle for more than 60 seconds
- Accuracy: ±1.8 °F (±1 °C)
- This is NOT intended to be used to take human temperatures
- This thermometer is NOT intended to measure internal body temperature

RTEMPB3A Infrared Laser Thermometer (Blue-Point®)

- Temperature range: -58-932 °F (-20-500 °C)
- Compact size: 5.88 x 3.62 x 1.38" (149.2 x 92.1 x 34.9 mm)
- Laser targeting accuracy
- Enhanced backlit four-digit LCD for easy viewing
- Automatic power-off after 10 seconds
- Nylon holster for transport and safe storage
- Battery: 9 V Alkaline or NiCad
- Operating range: 32-105 °F (0-40 °C)
- Conformity

RTEMPB7 Infrared Thermometer (Blue-Point®)

- Modes include E, MAX, MIN, DIF and AVG
- Distance:Spot = 12:1
- Temperature range: -31-689 °F (-35-365 °C)
- Operating range: 32-122 °F (0-50 °C)
- Battery: (2) AAA
- Battery life: typically lasts 18 hours; minimum of 14 hours of continuous use
- This thermometer is NOT intended to measure internal body temperature
- This is NOT intended to be used to take human temperatures

Tachometers

EEDMTACH1A Digital Contact/Non-Contact Laser Tachometer

- Ideal for use on fan or serpentine belts, industrial equipment, race cars, marine, motorsports, ATV, big rig engines and more
- Measures RPM on vehicle components and industrial equipment
- Obtains RPM readings up to 25' away from its target
- No-contact laser mode works great in tight areas and keeps the user away from moving parts
- Unique pistol grip design fits comfortably in the hand
- Line-of-sight aiming design provides easy-to-read results on the LCD color display—easily read in low or bright sunlight conditions
- Memory recall brings back the last measurement on the display before powering off
- Uses standard 9 V batteries
- Up to 30,000 RPM non-contact

MTTACH1A1 24 pk Reflective 1/2" Squares

- Reflective photo tape for the EEDMTACH1 Tachometer

EEDMRPM500 Digital Tachometer (Gas Engines)

- Used to digitally read RPM on single cylinder, 2- or 4- stroke CDI gas engines
- Choose between 2- or 4-stroke engines and 1- or 2-spark CDI ignition systems
- Unit provides min/max readings with eight storage locations to save readings for future reference
- 300–10,000 RPM range
- Powered by 9 V battery (included)
- Overall dimensions: 2-3/4 x 5-3/4 x 1"

EEDMRPMD500 Diesel Engine Adaptor

- Optional diesel engine adaptor for the EEDMRPM500 Digital Tachometer
- For use on diesel engines only
- 300–6,000 RPM range



EEDMTACH1A

EEDMRPM500



EEDMRPMD500

Diesel Pulse Adaptor (Blue-Point®)

MT257B Diesel Pulse Adaptor (Blue-Point®)

- Tests injector timing or engine RPM on diesel engines equipped with 1/4" or 6 mm external steel fuel injector lines
- Enables use with inductive pick-up timing light to test engine timing
- Not for use on diesels with common rail fuel systems



MT257B

SPECIALTY METERS AND SMALL TESTERS

Coil-On-Plug (COP) Ignition Probes (Blue-Point®)

YA76562 Ignition Quick Probe (Blue-Point®)

- Quickly verifies the firing of a coil-on-plug (COP) ignition coil and spark plug
- Eliminates the need for back probing coil wires and disassembly to test at the coil connector or spark plug
- Variable sensitivity (VS) thumbwheel for greater diagnostic accuracy and expanded application coverage
- Super-bright KV and ARC indicator LEDs



YA76562



- Read and follow safety messages in the instructions.
- Do not use in environment with explosive vapor.
- Avoid touching hot surfaces.
- Read Safety Procedures on pages W1-W6.

TIMING LIGHTS



EETL500



EETL5568A



MT125A

Timing Lights

EETL500¹ Digital Tach/Advance Timing Light

- Perfect for hot rod and muscle car enthusiasts
- Clearly view each flash with patented skip circuitry for tachometer readings up to 9,900 RPM, adjust engine RPM
- View, set and adjust ignition advance and retard: 0–90° set base timing, overall advance and view ignition retard
- Measures battery voltage (10–16 V) with quick-references LEDs
- Measure and adjust ignition dwell: 0–180°/1–12 cylinders with points ignitions
- Set ignition timing: works on DIS, conventional and most aftermarket ignition systems without solid core wires (fits up to 10mm diameter)
- Measures engine RPM and ignition advance, as well as dwell on older points-type ignition systems
- Patented pivoting head with a xenon strobe and dual LED flashlight makes it easy to get into tight spots and see
- Timing on both 2- and 4-cycle (DIS and conventional) engines, 1–12 cylinders, no adaptors required
- Comes with a hard case for storage and protection
- Full two year warranty
- Patents #D377,622, #4,594,886 and #5,767,681 apply
- Technical Support: 877-447-6276

EETL500-2 Inductive Pick-up Leads

- Inductive pick-up leads for the EETL500 Timing Light

EETL5568A¹ Digital Timing Light (Blue-Point[®])

- Multifunction timing light works on all distributorless and conventional ignition systems
- Patented skip circuitry tests tachometer readings up to 9,900 RPM
- View, set and adjust ignition advance and retard: 0–90°
- Measure and adjust ignition dwell: 0–180°/2–12 cylinders
- Measure battery and charging voltage: 10–16 V
- Dual display backlit screen allows clear viewing of the tachometer and ignition advance reading
- Clamp opening fits up to a 10 mm diameter spark plug wire
- Includes carry case EETL5568-PB

MT125A Self-Powered Timing Light (Blue-Point[®])

- Self-powered timing light features a single 6' inductive pick-up
- Quick attachment to spark plug wires on motorcycles, marine motors, snowmobiles, jet skis, small engines and other equipment that do not have easy access to a battery power source
- Can be used for automotive applications
- On/Off switch is located within thumb's reach
- Maximum 2,000 RPM

MEMORY SAVERS



EECS5MEM



YA960

Computer Memory Savers

EECS5MEM¹ 5' OBD-II Memory Cord (Blue-Point[®])

- Turns any jump starter with a 12 V power port into a memory saver
- Acts as an interface connector between a jump starter and a vehicle's OBD-II port
- Prevents electronic memory loss when disconnecting a vehicle's battery

YA960 Computer Memory Saver (Blue-Point[®])

- Prevents memory loss on digital radios, clocks, door locks and computers when disconnecting a vehicle battery
- Plugs into cigarette lighter socket
- Uses a 9 V battery to keep "memories" alive for up to four continuous hours

Fuse Tools (Blue-Point®)**FZ7A Fuse Tongs (Fuses 15/16" to 1" D) (Blue-Point®)**

- Nylon tongs remove auto high-tension wires and pull cartridge fuses from 15/16–1" in diameter
- Hooks on the handles and jaws
- Tongs have high insulating qualities and are resistant to oil, water and heat up to 300 °F
- Hand stops prevent slipping

FZ4B Fuse Tongs (Fuses up to 15/16" D) (Blue-Point®)

- Delrin® tongs pull fuses up to 15/16" in diameter
- 1/8" hook on the handle pulls short fuses
- Tongs have high insulating qualities and are resistant to oil, water and heat up to 300 °F
- Hand stops prevent slipping

YA9811® Relay/Fuse Pliers (Blue-Point®)

- Removes/installs relays and fusible links
- Designed to reach into confined access areas
- Slip joint design enables use for a variety of sizes
- Coated pliers tips securely grips corner of relay or fusible link
- Black industrial finish with red cushioned grip handles
- 8" in length



FZ7A



FZ4B



YA9811

GM® Multifunction Switch Tool**GMSTB25® Multifunction Switch Tool for GM® vehicles**

- Reduces the time it takes to replace the multifunction switch (turn signal/dimmer/windshield wiper) without removing the airbag, steering wheel and clock spring
- Includes a low-profile 1/4" magnetic bit wrench with a T25 Ball TORX® bit that allows better control and access in restricted areas
- Reversible ratcheting action
- Heat-treated for strength and durability
- Chrome plated for great appearance and wear resistance



GMSTB25

Wire Insertion Tools**WINS100R® Wire Insertion Tool Set**

- Prevents damage to electrical sheathing
- Helps the technician feed or pull wire around a number of obstacles, or against pieces of metal
- Provides flexibility/adaptability; set allows technician to adapt to each application through the use of different lengths and diameters of tubes
- Ideal for use with Snap-on® videoscopes; protects investment by using this tool to direct/protect the expensive fiber optic element during use
- Tubes thread into metal threaded insert within the handle, providing strong connection
- Tube angular orientation prevents the wires from "dead-heading" against an object, and getting stuck or damaged
- Includes storage tray

WINS430 5/16 x 4" Shaft for WINS100 Set**WINS450 1/2 x 4" Shaft for WINS100 Set****WINS830 5/16 x 8" Shaft for WINS100 Set****WINS850 1/2 x 8" Shaft for WINS100 Set****WINS1R® Wire Insertion Tool Hard Handle**

- Handle is interchangeable with WINS100 and WINS240 series straight tube shafts

WINS240R® 3 pc Flexible Wire Insertion Tool Kit

- Flexible shafts allow the user to install/remove wires around obstacles
- Prevents damage to delicate wire sheathing
- Handle is interchangeable with the WINS100 Series straight tube shafts
- 4.5 mm shaft diameter shaft has the ability to hold a tight radius
- Includes a storage tray

WINS12FS 12" Wire Insertion Flexible Shaft

- Flexible shafts allow the user to install/remove wires around obstacles
- Prevents damage to delicate wire sheathing

WINS24FS 24" Wire Insertion Flexible Shaft

- Flexible shafts allow the user to install/remove wires around obstacles
- Prevents damage to delicate wire sheathing
- Ideal for motorcycle wiring (tubes and handlebars)



WINS100R



WINS240R



WINS24FS

Colors Available

* Red 0 Green

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Read and follow safety messages in the Instructions
- Do not use in environments with explosive vapor
- Plastic coated handle does not protect against electric shock
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W3

ELECTRICAL/TERMINAL TOOLS



Terminal Tools

YA13120 Electrical Connector Separator (Blue-Point®)

- Disconnects electrical connectors without damage
- Double ended to fit different access angles
- Simply engage the tool tip behind the connector clip, and push or pull to disconnect
- Works on Weather Pack and other automotive electrical connectors

GA500A Wire Terminal Tool (Blue-Point®)

- Prongs depress the barbs on conventional terminals

YA500GM Wire Terminal Tool (Blue-Point®)

- Designed for use for Pack-Con and Weather Pack terminals on GM® C3 systems

YA500F Terminal Tool for Ford® Vehicles (Blue-Point®)

- For use on Ford® terminals

TT3KT Terminal Tool Set (Blue-Point®)

- Comprehensive set covers the majority of today's popular terminals
- Includes GA500A, YA500GM, YA500F and TT3-1 handles that slip over probes to protect the technician's hands and provides extra leverage

TT600² 6 pc Terminal Tool Kit

- Includes (6) tools for removing terminals from the harness blocks: pin vise, square probe, wedge probe, tube probe, flat probe and hook probe
- Includes a vinyl pouch

TT12KT C3/Wire Terminal Tool Kit for GM® Vehicles (Blue-Point®)

- Applications include most GM® and other US computer connectors and terminals
- Individual handles for easy access in tight places
- Designed for Pack-Con and Weather Pack terminals with a flat blade to open connectors and a fork for ALDL connectors to access trouble codes
- Color coded: red handle for GM® and green for wire terminal tools
- Kit includes these GM® C3 system terminal tools: 3.3 x 28 mm terminal tool, 1.4 x 28 mm square terminal tool, 1.5 x 24.75 mm flat terminal tool, 2 x 22 mm flat terminal tool, 8 x 24 mm fork terminal tool, 3/16 x 1" flat screwdriver, 3.3 x 28 mm tube terminal tool, 4.3 x 13 mm tube terminal tool, 3.75 x 13 mm tube terminal tool, 3 x 13 mm tube terminal, 3 mm flat 2-blade terminal tool and 1.6 mm flat 2-blade terminal tool
- Includes a storage case

TT1201 Terminal Tool

- 3.3 x 28 mm
- Red handle

TT1202 Square Terminal Tool

- 1.4 x 28 mm
- Red handle

TT1203 Flat Terminal Tool

- 1.5 x 24.75 mm
- Red handle

TT1204 Flat Terminal Tool

- 2 x 22 mm
- Red handle

TT1205 Fork Terminal Tool

- 8 x 24 mm
- Red handle

TT1206 Flat Tip Screwdriver

- 3/16 x 1"
- Red handle

TT1207 Tube Terminal Tool

- 3.3 x 28 mm
- Green handle

TT1208 Tube Terminal Tool

- 4.3 x 13 mm
- Green handle

TT1209 Tube Terminal Tool

- 3.75 x 13 mm
- Green handle

TT1210 Tube Terminal Tool

- 3 x 13 mm
- Green handle

TT1211 Flat Two-Blade Terminal Tool

- 3 mm
- Green handle

TT1212 Flat Two-Blade Terminal Tool

- 1.6 mm
- Green handle

BTC10 Side Terminal Cleaner (Blue-Point®)

- Cutters on one side clean battery contacts and a brush cleans the cable contact
- 4-1/2" long

BTC3A Terminal Brush (Blue-Point®)

- Stiff wire bristles thoroughly clean posts and clamps
- 3-3/8" long

BTC7B Terminal Cleaner (Blue-Point®)

- Cleans posts and cable clamps
- Includes a small circular wire brush with a protective cap to clean side terminals
- Plastic body

BTC8A Terminal Cleaner (Blue-Point®)

- Cleans posts and cable clamps
- Plastic body
- 3-1/2" long

BTCR1² Battery Crimp Tool

- Designed to service battery cables while still attached to the vehicle
- Uses a common wrench and ratchet to securely crimp a cable end
- Crimps battery terminal ends up to 0 AWG cable
- Convenient 14 mm, 9/16" hex drive on heat-treated fine thread actuator and a 16 mm, 5/8" hex on the frame to hold it with a wrench while crimping
- Heat-treated for durability

BTCR1-1² Main Body

- Main body for the BTCR1 Battery Crimp Tool

BTCR1-2² Threaded Bolt

- Threaded bolt for the BTCR1 Battery Crimp Tool

YA249² 5/16" Hex GM® Battery Terminal Ratcheting Box Wrench (Blue-Point®)

- Designed for use on GM® side terminal batteries
- 5/16" hex, 5-1/2" long

YA249L² 5/16" Side Battery Terminal Ratcheting Box Wrench (Blue-Point®)

- Extra long (9-3/4") for connecting/disconnecting battery side terminals on 1994-later Ford® Aerostar vans and GM® vehicles including 1994-later Pontiac® Grand AM, Grand Prix®, W body cars, plus Buick® Regal®, Oldsmobile Cutlass, Chevrolet® Lumina and Lumina APV
- 5/16" wrench size

YA9484 Battery Terminal Crimper (Blue-Point®)

- Ideal for replacing or repairing battery cable terminal ends
- Design helps prevent overcrimping
- Terminal sizes 6-gauge through 4/0

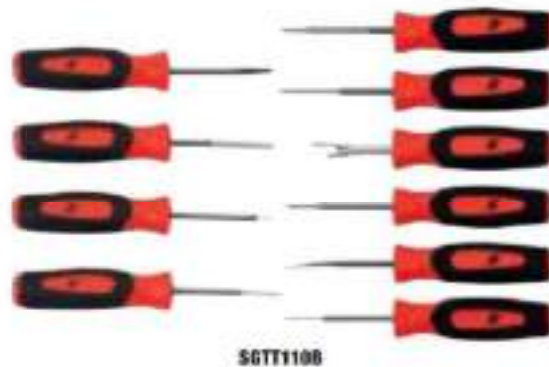
Terminal Tools

SGDTT106[†] 6 pc Deutsch Terminal Tool Kit

- Stainless steel design prevents the tool from breaking or bending
- Six tools cover the entire spectrum of sizes from 20-4
- Designed to be long enough to reach the retaining tabs without removing the seal

SGDTT4[†] Size 4 Deutsch Terminal Tool

- Stainless steel design prevents tool from breaking or bending unlike plastic OEM tools
- Deutsch connectors are heavily sealed for use in harsh conditions like those in agriculture, construction and recreational applications
- These seals are extremely difficult to remove when the connector is fully stuffed with wires/terminals; these new terminal tools are designed to be long enough to reach the retaining tabs without removing the seal

SGDTT8[†] Size 8 Deutsch Terminal Tool**SGDTT12[†] Size 12 Deutsch Terminal Tool****SGDTT14[†] Size 14 Deutsch Terminal Tool****SGDTT16[†] Size 16 Deutsch Terminal Tool****SGDTT20[†] Size 20 Deutsch Terminal Tool**

Soft Grip Terminal Tools

Easily remove terminals from electrical connectors found on mid-1990s and later US and import vehicles. Terminal tools incorporate a stainless steel design with ergonomic soft grip handles.

SGTT110B 10 pc Soft Grip Terminal Tool Set

- Includes (10) terminal tools
- Includes a storage tray

SGTT1B Soft Grip Terminal Tool

- Use on PCM and transmission harnesses found on Chrysler[®], Hyundai[®], Kia[®] and Mitsubishi[®] vehicles
- 4-13/16" long

SGTT2B Soft Grip Terminal Tool

- Provides a robust narrow-width blade with a fulcrum for easier access to the release tabs found on newer terminal blocks
- 4-13/16" long

SGTT3B Soft Grip Terminal Tool

- For use on underhood sensors, such as coolant temperature and throttle position sensors
- For use on Ford[®], GM[®] (including Cadillac[®]), Chrysler[®], Mitsubishi[®] and Hyundai[®] vehicles
- 4-13/16" long

SGTT4B Soft Grip Terminal Tool

- Used for cutting open wire harnesses for easy access to troubleshooting and replacement applications
- Easily slits harness sheathing without piercing the wires inside
- 4-3/8" long

SGTT5B Soft Grip Terminal Tool

- For use on 55-pin ABS ECUs found on Ford[®], GM[®], Jaguar[®], Jeep[®], Volvo[®], VW[®], BMW[®], Hyundai[®], Kia[®] and Mercedes[®] vehicles
- 4-13/16" long

SGTT6B Soft Grip Terminal Tool

- For use on 35-pin ABS ECUs found on Audi[®], BMW[®], Chrysler[®], Ford[®], GM[®], Infiniti[®], Isuzu[®], Jaguar[®], Mazda[®], Mercedes-Benz[®], Mitsubishi[®], Nissan[®], Porsche[®], Subaru[®], Saab[®], Volvo[®] and VW[®] vehicles
- 4-13/16" long

SGTT7B Soft Grip Terminal Tool

- Applications include Powertrain Control Modules (PCM) on Acura[®], Audi[®], Chrysler[®], Ford[®], Hyundai[®], Jaguar[®], Kia[®], Mercedes-Benz[®], Mazda[®], Toyota[®] and Volkswagen[®] vehicles
- 4-27/32" long

SGTT8B Soft Grip Terminal Tool

- Applications include Powertrain Control Modules (PCM) on Acura[®], Audi[®], Buick[®], Chrysler[®], Ford[®], GM[®], Honda[®], Jaguar[®], Mercedes-Benz[®], Mazda[®], Toyota[®] and Volkswagen[®] vehicles
- 4-27/32" long

SGTT9B Soft Grip Terminal Tool

- Applications include Powertrain Control Modules (PCM) on Acura[®], Audi[®], Chrysler[®], Jaguar[®], Hyundai[®], Kia[®], Mercedes-Benz[®], Toyota[®] and Volkswagen[®] vehicles
- 4-27/32" long

SGTT10B Soft Grip Terminal Tool

- Applications include open connector clips and sides of clips on Acura[®], Audi[®], Chrysler[®], Honda[®], Mercedes-Benz[®] and Volkswagen[®]
- 4-27/32" long



- Flimsy coated handle does not protect against electric shock.
- † These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

FUEL AND ENGINE SYSTEMS: COMPRESSION GAUGE SETS AND ADAPTORS



EEPV700-MSTR

EEPV700-ADD

EEPV700-KIT

(For use with the EEFI or EEPV vehicle specific adaptors sold separately or already owned)

Pressure Gauge Sets

EEPV700-MSTR 1,000 PSI Wireless Diesel Pressure Tester Set with Free App

- Test low-side fuel pressure and compression on Powerstroke®, Cummins®, Duramax® and other light and medium duty trucks—test vacuum and more
- Master set includes the adaptors found in: EEPD500, EEPD501, EEDF500, EEDF502, EEDF503 (No duplication, no analog gauges)
- Gray housing helps identify diesel vs. the original red gas version
- Organized compartments in the top tray and movable dividers in the lower section allow the user to neatly store components
- Units of measure include PSI, kPa, Bar, mBar, inHg, inH₂O, cmH₂O
- View the pressure and vacuum measurement results that transmit wirelessly to a Bluetooth®-enabled Android® or Apple® device (sold separately), or on the tool display
- Record readings to your Bluetooth®-enabled device during a road test; view the results back in the shop
- Min/max readings are graphed to aid in diagnosing the problem
- Store 1–12 cylinder readings; no writing required
- Store the results by customer, vehicle, license plate, date, technician and more
- Share the results via shop email, text or social media—include with vehicle owner's invoice

Included Accessories

- EEPV700-1 Compression Test Adaptor
- EEPV700-2 Fuel Pressure Test Adaptor
- EEPV700-3 Oil Pressure Test Adaptor
- EEPV700-4 Transmission Pressure Test Adaptor
- EEPV700-5 Vacuum Test Adaptor

Follow these steps:

1. Get free app
 2. Select and connect included adaptor to pressure tester
 3. Connect to engine
 4. Sync to remote device
 5. Take readings and diagnose
 6. Store and share results
- Convenient magnet for easy mounting
 - Requires less space in your tool box for all this capability
 - For customers who prefer the APP's capability and the digital readout vs analog gauge
 - Technical Support: 855-779-8880

EEPV700-ADD Fuel, Vacuum, Engine Oil, Transmission, Pressure and Compression Adaptor Kit (EEPV700-KIT) + (EEPV700-ADD) = (EEPV700-MSTR)

- The complete adaptor kit includes the essentials for testing compression, vacuum, fuel, engine oil or transmission fluid pressure up to 500 PSI maximum when added to the EEPV700-KIT already owned
- Organized compartments in the top tray and moveable dividers in the lower section allow you to store components neatly as desired

EEPV700-KIT 500 PSI Wireless Pressure Tester Kit

FUEL AND ENGINE SYSTEMS: COMPRESSION GAUGE SETS AND ADAPTORS

Compression Gauge Sets

EEPV500² Automotive Compression Test Set

- Tests cars and trucks with hard-to-access spark plug ports
- 2-3/4" dia., 300 PSI gauge assembly has superior accuracy, pressure release button and 24" flexible hose with quick coupler
- Includes EEPV5G12L, EEPV5G14L and EEPV5G14S



EEPV500

EEPV503² Motorcycle Compression Gauge Set

- Tests motorcycles and recreational vehicles with hard-to-access spark plug ports
- 2-3/4" dia., 300 PSI gauge assembly has superior accuracy, pressure release button and 24" flexible hose with quick coupler
- Includes EEPV5G10L, EEPV5G12L and EEPV5G14L



EEPV500

EEPV500-H¹ Hose Assembly

- For use with EEPV500 and EEPV503

EEPV600² Compression Gauge Set

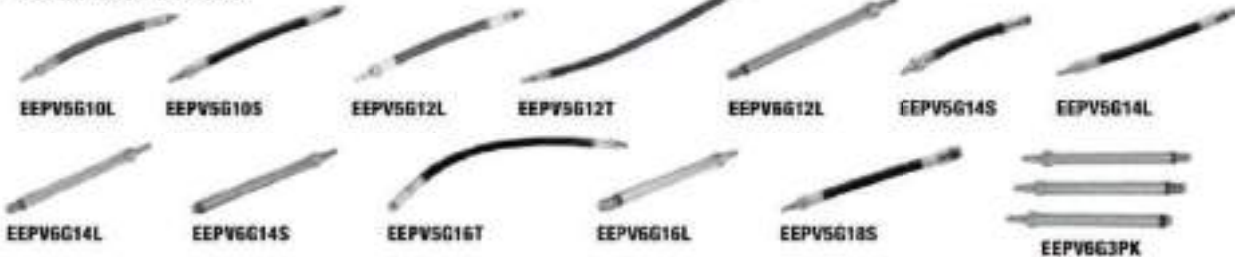
- Simplifies compression testing on engines with deep spark plug wells
- Knurled end allows hand tightening to aid against over-torquing or cross-threading
- Gauge can be connected to the included hose assembly for extra reach
- 300 PSI (2,100 kPa) superior accuracy gauge with pressure release button
- Includes: EEPV6G12L and EEPV6G14L

EEPV6-300G² Gauge and Boot Assembly

- For use with EEPV600

EEPV600-H¹ Hose Assembly

- For use with EEPV600



Compression Gauge Adaptors

- Detects piston ring, intake/exhaust valve, head gasket or other engine issues
- 10-1/4" overall length unless otherwise noted
- Standard reach applies to flat and tapered spark plug hole seats; long reach applies to servicing motorcycle engines
- For EEPV6 adaptors: Simply connect the hose coupler and gauge of the customer's existing EEPV500 or EEPV600 (EEPV500 and EEPV600 sold separately)

EEPV5G10L¹ Compression Gauge Adaptor

- Long reach (M10 x 1.0 pitch)
- Thread length .70"

EEPV5G10S¹ Compression Gauge Adaptor

- Standard reach (M10 x 1.0 pitch)
- Thread length .43"

EEPV5G12L¹ Compression Gauge Adaptor

- Long reach (M12 x 1.25 pitch)
- Thread length .68"

EEPV5G12T¹ Compression Gauge Adaptor

- M12 x 1.25 pitch
- Main application is second generation Ford[®] Triton[®] engines 2008 and later
- Tests cylinder compression up to 300 PSI
- Additional applications include Mercedes-Benz[®] (most V6 and some V8 models newer than 2006), Nissan[®] (2.5 L 2008 and later) and Toyota[®] Scion[®] (1.8 L 2008 and later) vehicles

- 18" length
- Thread length .71"

EEPV6G14L¹ Long-Neck Chrome Adaptor

- M14 x 1.25 pitch
- Thread length .73"

EEPV5G14L¹ Compression Gauge Adaptor

- Long reach (M14 x 1.25 pitch)
- Thread length .73"

EEPV5G14S¹ Compression Gauge Adaptor

- Standard reach (M14 x 1.25 pitch)
- Thread length .36"

EEPV6G14L¹ Long-Neck Chrome Adaptor

- M14 x 1.25 pitch
- Thread length .73"

EEPV6G14S¹ Standard Reach Chrome Adaptor

- M14 x 1.25 pitch
- Thread length 0.36"

EEPV5G16T¹ Compression Gauge Adaptor

- Long reach (M16 x 1.5 pitch) for Ford[®] 5.4 L Triton[®] engines
- 18" length
- Thread length 1.23"

EEPV6G16L¹ Long-Neck Chrome Adaptor

- M16 x 1.25 pitch
- Thread length .90"

EEPV5G18S¹ Compression Gauge Adaptor

- Standard reach (M18 x 1.5 pitch)
- Thread length .44"

EEPV6G3PK¹ 3 pc Chrome Compression Adaptor Set

- Set includes EEPV6G12L, EEPV6G14L and EEPV6G14S (3 pc)
- For use with EEPV500 and EEPV503 compression gauge sets
- Simplifies testing of compression on engines with deep spark plug wells
- Knurled end allows hand tightening to aid against over-torquing and cross-threading



- Read and follow safety messages in Instructions.
- Do not engage generator or load to battery, spark or other sources of ignition.
- Use only in well ventilated areas.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages 91-94.

FUEL AND ENGINE SYSTEMS: COMPRESSION GAUGE SETS AND ADAPTORS



MT270

Cone-Type Compression Gauge

MT270 Cone-Type Compression Gauge

- Range from 0–300 PSI and 0–2,100 kPa
- Cone seal is held firmly over plug hole, unit does not thread in
- Ideal for small gasoline engines, motorcycles, ATVs and snowmobiles



EEPVG61822

Pressure Gauge Sets

- Intended for use on spark-ignited gasoline engines that do not exceed 1,000 PSI compression
- Uses hose adaptors that thread into the spark plug hole and connect at the gauge hose's quick coupler
- Maintains highest compression test reading and resets to zero with a push-button release valve
- Gauge displays individual cylinder pressure
- Test range: 0–1,000 PSI (0–6,895 kPa) in 10 PSI (50 kPa) increments
- Detect piston ring, intake/exhaust valve, head gasket or other engine issues

EEPVG61822† M18 X 1.5 Thread Compression Adaptor

- Simplifies compression testing on engines with deep spark plug wells
- For use with EEPV6-300G gauge and EEPV600H (sold separately)
- T-handle for easier threading in greasy applications
- M18 x 1.50 pitch
- 22" overall length for long reach applications
- Maximum 300 PSI
- Technical Support: 855-779-8880



Includes Free App

Pressure Gauge Sets

- Intended for use on spark-ignited gasoline engines that do not exceed 300 PSI compression
- Uses hose adaptors that thread into the spark plug hole and connect at the gauge hose's quick coupler
- Maintains highest compression test reading and resets to zero with a push-button release valve
- Gauge displays individual cylinder pressure
- Test range: 0–300 PSI (0–2,000 kPa) in 10 PSI (50 kPa) increments
- Detect piston ring, intake/exhaust valve, head gasket or other engine issues



EEDF700-MSTR 1,000 PSI Wireless Diesel Pressure Tester Set with Free App

- Test low-side fuel pressure and compression on Powerstroke®, Cummins®, Duramax® and other light and medium duty trucks—test vacuum and more
- Master set includes the adaptors found in: EEPD500, EEPD501, EEDF500, EEDF502, EEDF503 (No duplication, no analog gauges)
- Gray housing helps identify diesel vs. the original red gas version
- Organized compartments in the top tray and movable dividers in the lower section allow the user to neatly store components
- Units of measure include PSI, kPa, Bar, mBar, inHg, inH₂O, cmH₂O
- View the pressure and vacuum measurement results that transmit wirelessly to a Bluetooth®-enabled Android® or Apple® device (sold separately), or on the tool display
- Record readings to your Bluetooth®-enabled device during a road test; view the results back in the shop
- Min/max readings are graphed to aid in diagnosing the problem
- Store 1–12 cylinder readings; no writing required
- Store the results by customer, vehicle, license plate, date, technician and more
- Share the results via shop email, text or social media—include with vehicle owner's invoice



EEDF700-MSTR

Follow these steps:

1. Get free app
2. Select and connect included adapter to pressure tester
3. Connect to engine
4. Sync to remote device
5. Take readings and diagnose
6. Store and share results

- Convenient magnet for easy mounting
- Requires less space in your tool box for all this capability
- For customers who prefer the APP's capability and the digital readout vs analog gauge
- Technical Support: 855-779-8880

Diesel Compression Gauge

EEP500¹ Diesel Compression Gauge

- Range from 0–800 PSI and 0–5,500 kPa
- Includes 18" hose with release valve
- Technical Support: 855-779-8880

EEP501¹ Diesel Compression Test Kit

- Includes adaptors to test Power Stroke[®], Cummins[®], Duramax[®], Mercedes[®], Isuzu[®] and Mitsubishi[®] light-duty diesel engines
- Includes 800 PSI gauge and diesel compression adaptors for glow plug and injector applications
- Packed in blow-molded case that has additional slots for future expansion and fits in 4" drawer

EEPDS-800G¹ 800 PSI Replacement Gauge



EEP500



EEP501



EEPV313C



M3540C



M3542C



M3543C



M3571C



M3572C



M3574C



M3584C



M3585C

Compression Adaptors/Injector Style

- For use with EEP500

EEPV313C¹ Diesel Compression Gauge Adaptor

- For 1998–2002 Dodge[®] 24-valve 5.9 L Cummins[®], plus 5.9 L Cummins[®] ISB and ISBE diesel engines

M3540C¹ Compression Adaptor

- For Cummins[®] 855 in³ NH, and 903 V8 and L10 diesel engines

M3542C¹ Diesel Compression Gauge Adaptor

- For Volkswagen[®], Mercedes-Benz[®], Volvo[®] and Audi[®] 5000 diesel engines
- M24 x 2.0 pitch

M3543C¹ Diesel Compression Gauge Adaptor

- For Detroit[®] 53, 71, 92 and 8.2 L diesel engines

M3571C¹ Diesel Compression Gauge Adaptor

- For 21 mm injectors and Bosch[®]-type injectors on the following diesel engines: Allis-Chalmers[®] 433, 649 and 670; Allis/Flat[®] 3-cylinder; John Deere[®] 404, 466, 531 and 619; Navistar[®] 361 and 407; Perkins[®] 4.203, 4.236, 4.248, 6.354 and 8.540; Wisconsin Engine[®] 340, 350, 430, 660, 670, 750, 860 and 1000; White Engine[®] D2000, D2300, D3000, D3400, and D4800; Mack[®] 673, 674, 675, 864, 865 and 866; Waukesha[®] diesel engines; Ford[®] tractor diesel engines; Scania[®] DN11 and DS11

M3572C¹ Diesel Compression Gauge Adaptor

- For pencil-type injectors on the following: Caterpillar[®] 3208 and 1100 Series; Case[®] 70 Series 188 and 207; John Deere[®] early 300, 400 and 500 Series; 276, 404 and 531 diesel engines

M3574C¹ Diesel Compression Gauge Adaptor

- For 17 mm injectors on Navistar[®] DT466 and 9 L, 312, 360, 414, 436 and 446 diesel engines

M3584C¹ Compression Adaptor

- For Case[®]/Cummins[®] Series B 2.9, 3.9 and 5.9 L diesel engines

M3585C¹ Compression Adaptor

- For Case[®]/Cummins[®] Series C 8.3 L engines



- Read and follow safety messages in instructions.
- Do not expose gasoline or fuel to flames, sparks or other sources of ignition.
- Use only in well ventilated areas.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages F1–F2 for details.
- Read Safety Precautions on pages W3–W4.

FUEL AND ENGINE SYSTEMS: DIESEL COMPRESSION



Compression Adaptors/Glow Plug-Style

• All "M" series glow plug-style adaptors plus the EEPV312C or EEPV312D adaptor require the use of either the M3569A or M3570A quick coupler

EEPV312C¹ Glow Plug Compression Adaptor

• Duramax[®] 6600, 2001–2005

EEPV312D² Glow Plug Compression Adaptor

• For Duramax[®] 6600, 2006 and newer

EEPV314C¹ Glow Plug Compression Adaptor

• For Ford[®] Power Stroke[®]/Navistar[®] 7.3 L and VW[®] TDI 1.9[®] diesel engines

EEPV317C¹ Glow Plug Compression Adaptor

• For Ford[®] Power Stroke[®] 6.0 L and Navistar[®]/International 6.0 L VT365E engines

EEPV318C¹ Glow Plug Compression Adaptor

• For Power Stroke[®] engines
• Applicable to Mercedes-Benz[®] BlueTEC models, 2007–2016

M3545C¹ Glow Plug Compression Adaptor

• For Ford[®]/International 6.9/7.3 L, Mercedes-Benz[®] E320 and Westerbeke[®] Marine engines

M3564C¹ Glow Plug Compression Adaptor

• For GM[®] 6.2 L and 6.5 L diesel; Hummer[®] H1; Jeep[®] Liberty 2.8 L; and Mercedes-Benz[®], Freightliner[®], and Dodge[®] Sprinter 2.7 L engines

M3565C¹ Glow Plug Compression Adaptor

• For Toyota[®] 1.8 L; Isuzu[®] 1.8 and 2.2 L diesel engines; and 4HE1, 6HE1 and HK1

M3566C¹ Glow Plug Compression Adaptor

• For Toyota[®] and Nissan[®] 2.2 L diesel engines, plus Mitsubishi[®] 2- and 3-cylinder engines; CAT[®] 3022, 3023, 3024 and 3034; Ford[®]/Mazda[®] 2.0 and 2.2 L; Ford[®]/Mitsubishi[®] 2.3 L; Kawasaki[®] Mule 3010; Kubota[®] D650 and D1100; Mazda[®] B2200 2.2 and 2.0 L; Mitsubishi[®]/Fuso and Nissan[®] engines

M3576C¹ Glow Plug Compression Adaptor

• For BMW[®] 2.4 L engines used in 1984 and 1985 Lincoln[®], Mark VII and Continental models; Peugeot[®] 1978–1984, 2.0 L and 2.3 L engines; and VW[®], Audi[®], and Volvo[®] 1.5 L, 1.6 L, 2.0 L and 2.6 L engines

M3569A¹ Quick Coupler

• 45° offset

M3570A¹ Quick Coupler

• 90° offset

Stock No.	Thread	A, inches (mm)	B, inches (mm)	C, inches (mm)	D, inches (mm)	E hex
EEPV312C ¹	M10 x 1.25	4-1/8 (105)	3 (76)	2-1/2 (64)	3/10 (8)	12 mm
EEPV314C ¹	M10 x 1.0	10.38 (263.8)	3.9 (22.9)	0.375 (9.5)	0.325 (8.25)	1/2"
EEPV317C ¹	M14 x 1.25	10.1 (256.5)	0.825 (15.0)	0.25 (6.35)	0.318 (8.1)	5/8"
EEPV318C ¹	M8 x 1.00	10.2 (259.1)	0.74 (18.9)	0.31 (7.9)	0.26 (6.6)	7/16"
EEPV312D ²	M10 x 1.25	3.57 (90.7)	1.00 (25.4)	0.25 (6.35)	0.32 (8.13)	1/2"
M3545C ¹	M10 x 1.0	1.75 (44.0)	0.99 (25.1)	0.38 (9.65)	0.325 (8.25)	7/16"
M3564C ¹	M10 x 1.0	2.5 (63.5)	0.752 (19.0)	0.334 (8.0)	0.313 (7.96)	7/16"
M3565C ¹	M10 x 1.25	2.58 (65)	1.48 (37.8)	0.884 (22.46)	0.313 (7.96)	7/16"
M3566C ¹	M10 x 1.25	3.30 (83.8)	1.157 (29.4)	0.407 (10.3)	0.313 (7.96)	7/16"
M3576C ¹	M12 x 1.25	2.344 (59.5)	0.74 (18.8)	0.31 (7.9)	0.392 (9.95)	9/16"

FUEL AND ENGINE SYSTEMS: CYLINDER LEAKAGE, VACUUM, PRESSURE

Engine Vacuum Pressure Gauge Set

EEPVS11¹ Vacuum and Fuel Pump Tester

- Used for almost all basic vacuum pressure testing needs in the shop
- Performs engine vacuum tests on gasoline engines, as well as exhaust back pressure tests on applications with an oxygen sensor
- Tests vacuum accessories and emission control devices such as EGR valves canister purge systems, air switching and divert valves, vacuum delay and check valves, heater and A/C controls, and cruise control systems
- Multicolor gauge face with SAE, Hg, PSI, negative kPa and positive kPa

EEPVS5V-ALL² Vacuum Fittings Use with EEPV700

- For customers who do not own EEPVS11

EEPVS11-H 4' Silicone Hose

EEPVS11-1¹ M12/M18 Oxygen Sensor Adaptor

EEPVS11-2² Oxygen Sensor Adaptor Flange Gasket

EEPVS11-3 Tapered Vacuum Fitting



EEPVS11



EEPVS5V-ALL

Cylinder Leakage Tester

EEPVS09¹ Cylinder Leakage Tester

- Pressure gauge displays input air pressure for proper cylinder leakage test set-up and provides accurate results
- Pressure gauge range is 0–100 PSI (0–700 kPa) in 2 PSI (20 kPa) increments
- Cylinder leakage gauge displays leakage as a percentage of input pressure in one of three distinctive zones: high, moderate or low
- For use with optional EEPVS series adaptors
- Technical Support: 855-779-8880



EEPVS09

Pressure Gauge Sets

EEPVS08¹ Automatic Transmission and Engine Pressure Set

- Includes (2) gauge assemblies for high-pressure (500 PSI) and low-pressure (100 PSI) ranges, adaptors to test a wide variety of automatic transmissions, a comprehensive instruction manual with an applications table and a storage case
- (4) special fittings are also included for connection to hard-to-reach test ports in areas requiring a 45° or 90° angle
- High-pressure gauge assembly includes a 3.5" dia. gauge
- 10' flexible hose with fluid coupler
- Technical Support: 855-779-8880



EEPVS08



EEPVS07

EEPVS07¹ Engine Oil Pressure Set

- Used on diesel and gasoline engines
- Includes SAE and metric adaptors for cars, trucks, tractors and stationary engines
- Includes a 0–100 PSI (0–700 kPa) gauge assembly
- 6' flexible hose with fluid coupler
- Technical Support: 855-779-8880



EEPVS5F-ALL

EEPVS5F-ALL¹ Engine/Transmission Adaptors Use with EEPV700

- For customers who do not own EEPVS07 or EEPVS08

Stock No.	Description	Set Contains:		
		EEPVS08 ¹	EEPVS07 ¹	EEPVS5F-ALL ¹
EEPVSF-0 ¹	Male Quick-Connect Plug	•	•	•
EEPVSF-1 ¹	2" Pipe Nipple	•	•	•
EEPVSF-2 ¹	1/4" M x 1/8" F Hex Bushing	•	•	•
EEPVSF-3 ¹	3/8" M x 1/8" F Hex Bushing	•	•	•
EEPVSF-4 ¹	1/8" FNPT Coupling	•	•	•
EEPVSF-5 ¹	1/8" M x 1/8" F Street Elbow	•	•	•
EEPVSF-6 ¹	1/8" 28 BSPT	•	•	•
EEPVSF-7 ¹	M10 x 1.0 Tapered Thread	•	•	•
EEPVSF-8 ¹	M10 x 1.0 Adaptor	•	•	•
EEPVSF-9 ¹	M10 x 1.25 Adaptor	•	•	•
EEPVSF-10 ¹	M12 x 1.5 Adaptor	•	•	•
EEPVSF-11 ¹	M12 x 1.75 Adaptor	•	•	•
EEPVSF-12 ¹	M14 x 1.5 Adaptor	•	•	•
EEPVSF-13 ¹	M16 x 1.5 Adaptor	•	•	•
EEPVSF-14 ¹	M18 x 1.5 Adaptor	•	•	•
EEPVSF-15 ¹	5/16"-24 Adaptor	•	•	•
EEPVSF-16 ¹	7/16"-20 Adaptor	•	•	•
EEPVSF-17 ¹	1/16"-27 Adaptor	•	•	•
EEPVSF-18 ¹	M8 x 1.0 Tapered Thread	•	•	•
EEPVSF-19 ¹	M8 x 1.0 Adaptor	•	•	•
EEPVSF-20 ¹	M8 x 1.25 Adaptor	•	•	•
EEPVSF-21 ¹	M16 x 2.0 Adaptor	•	•	•
EEPVS07-H ¹	8' Hose Assembly		•	
EEPVS08-H ¹	10' High-Pressure Hose Assembly	•		
EEPVS-100G ¹	Pressure Gauge and Bolt Assembly (100 PSI)	•	•	
EEPVS-500G ¹	Gauge and Bolt (500 PSI)	•		



- Read and follow safety messages in instructions.
- Do not expose gasoline or fuel to flames, sparks or other sources of ignition.
- Use only in well ventilated areas.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

FUEL AND ENGINE SYSTEMS: FUEL INJECTION



EEFI Series Adaptor Sets

Stock No.	Description	Set Contains:			
		EEFI500A	EEFI500ACORE	EEFI500AADD	EEFI5-ALL
EEFI5001A ¹	Gauge and Hose Assembly with Bleed Off Valve	*	*		
EEFI5002 ²	Standard Schrader Hose Assembly: Chrysler®, GM®, M-B®, Porsche®, Saab®, Saturn® vehicles	*	*		*
EEFI5001AP ¹	Gauge and Soot (only)				*
EEFI5003 ³	Small Schrader Hose Assembly: BMW®, Ford®, Jaguar®, Kia®, Lincoln®, Mazda®, Mercury®, Mini®, Volvo®, VW® vehicles	*	*		*
EEFI5004 ⁴	Standard Schrader Right Angle Adaptor: Chrysler®, GM®, Mercedes-Benz®, Porsche®, Saab®, Saturn® vehicles	*	*		*
EEFI5005 ⁵	Small Schrader Right Angle Adaptor: BMW®, Ford®, Jaguar®, Kia®, Lincoln®, Mazda®, Mercury®, Mini®, VW®, Volvo® vehicles	*	*		*
EEFI5006 ⁶	Tee Adaptor with 1/4, 5/16 and 3/8" diameter hoses and clamps: Chrysler®, Infiniti®, Isuzu®, Mazda®, Nissan®, Subaru®, Suzuki® vehicles	*	*		*
EEFI5006-1 ⁷	Replacement Hoses and Clamps	*	*		*
EEFI5007 ⁸	Spare Parts Service Kit for 5001-5006	*	*		*
EEFI5008 ¹	Tee Hose Assembly: 3/8" Quick-Connect	*		*	*
EEFI5009 ⁹	3/8" Quick-Connect Double Male: GM® vehicles	*		*	*
EEFI50010 ¹⁰	5/8" Spring Lock Male: Ford®, Mazda® vehicles	*		*	*
EEFI50011 ¹¹	5/8" Spring Lock Female: Ford®, Mazda® vehicles	*		*	*
EEFI50012 ¹²	5/16" Quick-Connect Male: Acura®, Chrysler®, Ford®, Mazda®, Toyota® vehicles	*		*	*
EEFI50013 ¹³	5/16" Quick-Connect Female: Acura®, Chrysler®, Ford®, Mazda®, Toyota® vehicles	*		*	*
EEFI50013-L ¹⁴	5/16" 90° Quick-Connect Female: Chrysler®, Fiat®, Jeep®, VW®	*		*	*
EEFI50014 ¹⁵	5/16" Male Hose Adaptor: BMW®, Chrysler®, Infiniti®, Nissan®, VW® vehicles	*		*	*
EEFI50015 ¹⁶	5/16" Hose Adaptor: BMW®, Chrysler®, Infiniti®, Nissan®, VW® vehicles	*		*	*
EEFI50016 ¹⁷	M14 x 1.5 Inverted Flare Male: Geo®, Infiniti®, Toyota® vehicles	*		*	*
EEFI50017 ¹⁸	M14 x 1.5 Inverted Flare Female: Geo®, Infiniti®, Toyota® vehicles	*		*	*
EEFI50018 ¹⁹	M14 x 1.5 Ball Seat Female: Audi®, Hyundai®, Jaguar®, Land Rover®, Porsche®, Volvo®, VW® vehicles	*		*	*
EEFI50019 ²⁰	M14 x 1.5 Ball Seat Male: Audi®, Hyundai®, Jaguar®, Land Rover®, Porsche®, Volvo®, VW® vehicles	*		*	*
EEFI50020 ²¹	16 mm O-ring Adaptor: Hyundai®, Mitsubishi® vehicles	*		*	*
EEFI50021 ²²	11 mm O-Ring Adaptor: Infiniti®, Kia®, Mitsubishi®, Nissan® vehicles	*		*	*
EEFI50022 ²³	M12 x 1.0 Pulse Damper Adaptor: Acura®, Honda® vehicles	*		*	*
EEFI50023 ²⁴	M12 x 1.5 Barjo Bolt Adaptor: Honda®, Hyundai®, Isuzu®, Lexus®, Toyota® vehicles	*		*	*
EEFI50024 ²⁵	M12 x 1.25 Barjo Bolt Adaptor: Honda®, Hyundai®, Isuzu®, Lexus®, Toyota® vehicles	*		*	*
EEFI50025 ²⁶	M8 x 1.0 Filter Adaptor: Acura®, Honda® vehicles	*		*	*
EEFI50026 ²⁷	Spare Part Service Kit for 5009-50025 Adaptors	*		*	*
EEFI50027 ²⁸	1/4" Quick-Connect Male: Acura®, Honda® vehicles	*		*	*
EEFI50028 ²⁹	1/4" Quick-Connect Female: Acura®, Honda® vehicles	*		*	*
EEFI50030 ³⁰	Universal Fuel Pressure Adaptor	*		*	*
EEFI500A-PB	Plastic Storage Case		*		

Technical Support: 855-779-8880

EEFI500A¹ Master Fuel Pressure Kit

- Adaptors, 150 PSI gauge and a case keep this kit at the forefront of innovation
- User manual includes updated test connection illustrations and application charts
- Convenient lid label shows image of components, part numbers and applications for quick and easy identification and storage
- Set contains a tee manifold with a shutoff valve, a 3-1/2" dia. gauge assembly with a blowdown valve and the adaptors needed to test most fuel injection systems

- Dual-scale gauge with increased range to 150 PSI/1,000 kPa for newer vehicles utilizing higher pressures
- 1/4" male and female quick coupler fuel adaptors for testing pressure on newer Honda® 1.3, 1.5, 1.6, 1.8 and 2.0 L engines
- 90° 5/16" male quick coupler adaptor for testing on 2011-2014 Chrysler®, Dodge®, Jeep® and Volkswagen® applications with 3.2 and 3.6 L engines
- Removable adaptor tray for easy transport to the work area

- Fits in a 4" drawer and incorporates a new handle for easy transport; includes a sliding lid
- Not intended for gas direct-injection vehicles

EEFI500AADD¹ Fuel Injection Add-on Set for EEFI500A

- Combine the components of the EEFI500AADD set with the EEFI500CORE set to form the EEFI500A master fuel injection pressure gauge set

EEFI500A-PB Plastic Storage Case

General Purpose Gas System Cleaners

EEFISCLEANER[®] Fuel Injection System Cleaner

- Cleans deposits from fuel injectors, fuel rail and intake valves to restore engine performance, lower emissions and smooth idle
- Canister-style cleaner accepts preferred or OEM required fuel injection system cleaner (sold separately)
- Check vehicle fuel pressure with the right hand gauge and easily set the cleaning pressure with the left hand gauge
- Stainless steel braided Teflon[®] hose resists solvents
- Conveniently hangs under the hood with a center chain
- Compatible with EEFIS500 Series adaptors (sold separately)
- See the user manual for vehicle make details

EEFISCL-NOZ² Intake Cleaning Adaptor (Blue-Point[®])

- For use with the EEFISCLEANER
- Delivers a better cleaning solution with a new 180° nozzle to remove carbon deposits commonly found in vehicle intake systems, restoring drivability by allowing the engine to breathe better
- Removes sludge from the back of intake valves
- Misting spray pattern of solution gives maximum coverage in the intake system



Diesel Fuel Pressure Testers

- Convenient Protective storage and carrying in a slide lid case that fits easily into a 4" drawer
- Also available digital fuel pressure gauge with app, part number EEDF700-MSTR shown in Diesel Compression section
- Technical Support: 855-779-8880

EEDF500¹ Duramax[®] Diesel Fuel Pressure Test Kit

- Designed for testing diesel fuel pressure and vacuum on GM[®] 6.6 L Duramax[®] engines
- Gauge assembly includes a compound gauge with a 0–15 PSI (0–100 kPa) pressure, plus 0–30 inHg vacuum scale and a protective rubber boot
- Long 6' flexible hose with a quick coupler for fast and easy connection to the engine

EEDF501¹ CompucHECK[®] Fuel Pressure Test Set

- Designed for diesel fuel pressure and restriction testing on engines with CompucHECK test ports
- 3-1/2" compound gauge has a 0–15 PSI (0–100 kPa) pressure and 0–30 inHg vacuum scale
- 2-1/2" pressure gauge has a 0–300 PSI (0–2,100 kPa) scale in 10 PSI (50 kPa) increments
- Includes female CompucHECK quick coupler with 6' hose, pressure bleed off and quick connect for easy interchange of the two gauges
- Includes separate male CompucHECK test port for installation in vehicles without CompucHECK test ports

EEDF502² Ford[®] Power Stroke[®] Fuel Pressure Test Set

- Developed with input from technicians on adaptor selection for Ford[®] Power Stroke[®] 7.3, 6.7, 6.4 and 6.0 L engines
- 0–100 PSI gauge and hose assembly
- Low-pressure diesel-fuel delivery testing (lift pump)
- Correct fuel delivery and dynamic fuel pressure are crucial to having a properly running engine
- Helps prevent a lean condition that may cause burning of injectors or scorched cylinders

EEDF503² Cummins[®] Engine Diesel Fuel Pressure Test Kit

- Includes adaptors for lift tank fuel pump testing, engine return flow testing, flow testing, restriction testing and bubble testing
- Developed with input from technicians on adaptor selection
- Helps prevent a lean condition that may cause burning of injectors or scorched cylinders
- Low-pressure diesel fuel delivery testing (lift pump)
- Correct fuel delivery and dynamic fuel pressure are crucial to having a properly running engine
- Gauge: 45 PSI, 30/in Hg



- Read and follow safety messages in instructions.
- Do not expose gasoline or fuel to flames, sparks or other sources of ignition.
- Use only in well ventilated areas.
- These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
- Read Safety Precautions on pages W1–W4.

FUEL AND ENGINE SYSTEMS: FUEL INJECTION



A227



FIH500



IPK1180



CJ158



YA76462

Specialty Service Tools

A227 3/8" Drive 6-Point Metric 27 mm Fuel Pressure Sensor Socket

- For removing and installing fuel pressure sensors from fuel injection fuel rails under the intake
- Socket has an enlarged bolt clearance to fit over the sensor connector where a regular 27 mm socket will not work
- Overall length of socket is 2"
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- Nickel-chrome alloy finish resists against rust and corrosion
- Snap-on® sockets using the Flank Drive® wrenching system grip the fastener on the flanks/flats, delivering 15–25% more turning power

FIH500 Fuel Module Disconnect Tool (Blue-Point®)

- GM® fuel module disconnect tool for 1998 and later GM® full-size pickups, Suburban and Tahoe® vehicles
- 2 pc design permits easy access to the connectors
- Fits both 3/8" and 5/16" connector sizes
- Tool segments can be clipped together for convenient storage

IPK1180 Fuel Injector Puller

- Compact size allows for easy attachment and removal of the hard-to-reach injectors of the twin turbo V8 (N63) engine, reducing service time
- Easy to install on inline 6 and V8 (N63) engines, simply screw the tool onto the top of the injector, and with one or two taps of the slider, the injector will come out easily

CJ158 Fuel Rail Plug

- Manufactured from special alloy steel
- Precision machined and heat-treated for optimum strength and durability
- Used to block off fuel injector line ports on the fuel rail to test fuel injectors
- For use on 2007 and newer Cummins® 6.7L diesels

YA76462 Universal EFI Quick Probe (Blue-Point®)

- Quickly detects electronic fuel injector functions on any gas or diesel engine
- Specifically designed to detect vibrations emitted when an electronic injector fires
- No hunting for injector wires to test at the connector
- No need to remove the injector for testing
- Includes a bright LED strobe, 7" removable probe tip, user guide, battery operation and sensitivity thumb wheel

FUEL AND ENGINE SYSTEMS: FUEL SYSTEMS



YA997



FLR640



FIH940

Fuel Inlet/Fuel Filter Tools

YA997 2-1/4-2-9/16" Swivel Handle Fuel Filter Wrench (Blue-Point®)

- Designed to access hard-to-reach fuel filters
- Fits fuel filters 2-1/4-2-9/16"

FLR640 Fuel Tank Lock Ring Tool (Blue-Point®)

- Adjustable leg set works on many 2004 and newer vehicles including Ford® F-150, Chevrolet® pickups, Chrysler®/Dodge® mini vans, PT Cruiser®, Dakota® and Durango®; also works on smaller GM® serrated rings and traditional rings
- Channel design on the body allows set of interchangeable legs to adjust, fitting rings from 4-7-1/2" while keeping the drive centered
- Updated legs from FLR640 kit will work with the older model FLR630 body
- Removes/installs plastic fuel tank lock rings without damage
- Compact design prevents the tool from hanging over the work area and hitting other parts or components

FLR640-1 2-Tab Leg**FLR640-2 1-Tab Leg****FLR640-3 Original Lock Ring Leg**

Fuel Pump Removal Tools

FIH940 Gas Tank Fuel Pump Removal Tool (Blue-Point®)

- Removes the plastic fuel pump retaining rings
- Universal adjustable design fits most plastic retaining rings
- Prevents damage to the original pump retaining ring
- For use with a 1/2" drive extension and ratchet
- Used to reinstall old retaining ring

Injector Line Sockets

- Socket allows easy and accurate torquing of injectors
- Unique flare nut socket design allows for easy access without damaging expensive injectors
- Open side allows over 180° rotation
- Thin enough to fit injector with wire loom attached
- Short enough to fit between engine and fender well
- Designed for use on BMW® N54, N63 and S63 engines

Stock No.	Drive Size, inches	Size, mm	
FLS3814 [†]	1/2	14	•
FLS3817 [†]	1/2	17	•



FLS1417

Steel Line Stoppers

LCSS600 6 pc Line Clamp and Stopper Set

- Pliers are used to pinch off flexible lines to prevent spills when disconnected
- Spring-loaded handle and lock for easy one-hand application and release
- Two sizes cover all hoses: Small 1/8" and 3/4"; Large 3/4" and 2-1/4"
- Stoppers are used to seal steel lines once disconnected
- Spring-loaded for quick install and removal
- Four sizes to suit 5/16, 3/8 and 1/2" pipe and banjo fittings
- Manufactured from strong, lightweight, fiber-reinforced synthetic polymer with extreme chemical resistance



LCSS600



HCP3KT

HCP3KT 3 pc Hose Pinching Pliers Set (Blue-Point®)

- Includes (3) hose pinching pliers (6, 7 and 10")
- Includes a storage pouch

SLS51650 5/16" Steel Line Stopper

SLS3850 3/8" Steel Line Stopper

SLS1250 1/2" Steel Line Stopper

SLSBANJ050 Banjo Steel Line Stopper



SLS51650

SLS3850

SLS1250

SLSBANJ050

Steel Line Stoppers (Blue-Point®)

SLS4KT 4 pc Steel Line Stopper Kit (Blue-Point®)

- Plugs disconnected lines, preventing fluid leakage
- Prevents fluid contamination
- For use with automotive fluids
- Fast and easy to use; installs in seconds



SLS4KT

Disconnect Tools for Low-Profile Jiffy-tite® Fittings

LDTJT5 Low-Profile Jiffy-tite® Disc Set (Blue-Point®)

- Disengages the line from Jiffy-tite® quick-connect fittings without removal of the clip
- Teeth of the tool fit perfectly into tight tolerance of the connectors
- When rotated, it allows the line to be pulled without damage to the connector or retaining clip so they can be reused
- Includes a new 3/4" size, making this the most comprehensive kit on the market
- Includes (5) disconnect tools (3/8, 1/2, 3/8-30°, 3/8-39° and 3/4")
- Includes a storage case

LDTJT538 Low-Profile Jiffy-tite® 3/8" Disconnect Tool (Blue-Point®)

LDTJT512 Low-Profile Jiffy-tite® 1/2" Disc (Blue-Point®)

LDTJT55830 Low-Profile Jiffy-tite® 5/8"-30° Disc (Blue-Point®)

LDTJT55839 Low-Profile Jiffy-tite® 5/8"-39° Disc (Blue-Point®)

LDTJT534 Low-Profile Jiffy-tite® 3/4" Disc (Blue-Point®)



LDTJT5



- Read and follow safety messages in Instructions.
- Do not expose gasoline or fuel to flames, sparks or other sources of ignition.
- Use only in well ventilated areas.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

FUEL AND ENGINE SYSTEMS: FUEL SYSTEMS



FID8838A

Injector Harness Testers

FID8838A Injector Harness Tester Set (Blue-Point®)

- Each tester plugs into the solenoid harness to identify electrical or fuel system malfunctions
- Includes (8) testers and an injector harness extension
- Includes a storage case

FID8320 Injector Harness Tester (Blue-Point®)

- Used on GM® TBI models 100, 200, 220, 300, 400 and 500 used on various cars and trucks

FID8329 Injector Harness Tester (Blue-Point®)

- Used on Bosch® PFI injectors used on various GM®, Ford® and Chrysler® vehicles with PFI

FID8339 Injector Harness Tester (Blue-Point®)

- Used on GM® Multec® 1 injectors and the "bottom feed" injectors used on 2.2 L 4-cylinder "J" and "L" cars from 1989-1993

FID8340 Injector Harness Tester (Blue-Point®)

- Used on GM® SCPI truck engines 4.3 L V6, 5.0 L V8 and 5.7 L V8 (1996-later), plus 4.8 L V8, 5.3 L V8, and 6.0 L V8 (1999-later)

FID9210 Injector Harness Tester (Blue-Point®)

- Designed for Geo TBI systems (1992-later)

FID8838A1 Injector Harness Tester (Blue-Point®)

- Used on GM® Multec® 2 injectors used in 1999 and later 2.4 L 4-cylinder engines in Oldsmobile Intrigue and Cutlass; Chevrolet® Cavalier and Malibu®; and Pontiac® Sunfire® vehicles

FID8838A2 Injector Harness Tester (Blue-Point®)

- For use on Bosch® 2 injectors used on 2000-later Cadillac® 4.6 L V8 and Oldsmobile 4.0 L V8 engines

FID8838A3 Injector Harness Extension (Blue-Point®)

- Injector harness extension line for all FID Series Injector Harness Testers
- Used when the injector is in a lower position in the manifold or cylinder head



Fuel Line Disconnect Tools

- Designed to service special quick-connect couplings found on fuel feed and return lines located at the engine

FDT50¹ Fuel Line Disconnect Set

- One bent tool and one straight tool provide versatility when servicing VOSS-Type 3/8" fuel line connectors
- Tools are .100 thick, allowing for increased access
- Spreader dimension is .806"

FDT501¹ Cummins® Flat Thin Disconnect Tool

- Designed to release the fuel line connectors on the Cummins® ISB, ISC, ISL, QSC8.3 and QSL9 engine family
- Tools work on the low-pressure lines of the Cummins® engines
- Tools are .100 thick allowing for increased access
- Spreader dimension is .806"

FDT502¹ Cummins® Thin Formed Disconnect Tool

- Designed to release the fuel line connectors on the Cummins® ISB, ISC, ISL, QSC8.3 and QSL9 engine family
- Tools work on the low-pressure lines of the Cummins® engines
- Tools are .100 thick allowing for increased access
- Spreader dimension is .806"

FDT60¹ Fuel Line Disconnect Set

- Tools are designed to release the fuel line connectors on the Cummins® ISB and ISX engine family
- Works on low-pressure lines around the engine and chassis
- Measures .250 in thickness and includes one bent tool and one straight tool for versatility when servicing Cummins® engines
- Compressing dimension is .918"

FDT601¹ Flat Cummins® Fuel Line Disconnect Tool

- Designed to release the fuel line connectors on the Cummins® ISB and ISX engine family
- Works on low-pressure lines around the engine and chassis
- Measures .250 in thickness
- Compressing dimension .918"

FDT602¹ Formed Cummins® Fuel Line Disconnect Tool

- Designed to release the fuel line connectors on the Cummins® ISB and ISX engine family
- Works on low-pressure lines around the engine and chassis
- Measures .250 in thickness
- Compressing dimension .918"

FDT70¹ Fuel Line Disconnect Set

- Tools are designed to release the VOSS-type 1/2" fuel line connectors on the Cummins® ISB, ISC, ISL, QSC 8.3, and QSL9 engine family
- Works on low-pressure lines around the engine and chassis
- Measures .100 in thickness and includes one bent tool and one straight tool for versatility when servicing Cummins® engines
- Spreader dimension 1.115"

FDT701¹ Flat Cummins® Fuel Line Disconnect Tool

- Tools are designed to release the VOSS-type 1/2" fuel line connectors on the Cummins® ISB, ISC, ISL, QSC 8.3 and QSL9 engine family
- Works on low-pressure lines around the engine and chassis
- Measures .100 in thickness and includes one bent tool and one straight tool for versatility when servicing Cummins® engines
- Spreader dimension 1.115"



Fuel Line Disconnect Tools

- Designed to service special quick-connect couplings found on fuel feed and return lines located at the engine

FDT702[®] Formed Cummins[®] Fuel Line Disconnect Tool

- Tools are designed to release the VOSS-type 1/2" fuel line connectors on the Cummins[®] ISB, ISC, ISL, QSC 8.3, and QSL9 engine family
- Works on low-pressure lines around the engine and chassis
- Measures .100 in thickness and includes one bent tool and one straight tool for versatility when servicing Cummins[®] engines
- Spreader dimension 1.115"

LDT3730 Fuel and A/C Line Disconnect Pliers (Blue-Point[®])

- Unique design provides extra leverage when disconnecting quick-connect couplings on air-conditioning and fuel lines
- Works in conjunction with 5/16, 3/8 or 1/2" adaptors from the ACT1370 or LDT6 disconnect sets
- Pliers forks have different sized openings so the tool can be turned around to fit single- or two-step collar-designed connector lines
- Can also be used to reconnect stubborn lines or connections that are in hard-to-reach areas

LDT40 Master Disconnect Set (Blue-Point[®])

- Works great on quick-connect, spring-lock, quick-coupler, jiffy-tite[®] and other fittings
- Disconnect tools for fuel line quick-connect and spring-lock couplings, air-conditioning line couplings, transmission oil cooler line connectors and clutch couplings
- Couplers for all major US and import brands of vehicles and light trucks
- Includes a storage case

LDT8 Master Disconnect Set (Blue-Point[®])

- For spring-lock and quick-disconnect couplings used on air-conditioning and fuel lines on Ford[®], GM[®] and Chrysler[®] vehicles

LDT6 Disconnect Set (Blue-Point[®])

- Disconnects air-conditioning, quick-connect fuel lines and spring-lock couplings on Ford[®] and Chrysler[®] air-conditioning lines
- Works on fuel lines and other quick-disconnect couplings on US and import vehicles
- Angled to access tight spots
- Durable plastic resists fuels and solvents
- Includes (6) disconnect tools (1/2-7/8")

LDTF2 Fuel Line Disconnect Tool (Blue-Point[®])

- Disconnects the fuel line from the fuel filter on 5.3 L Suburban[®], Tahoe[®], Yukon[®], Avalanche[®], plus select Silverado[®] and Sierra[®] vehicles
- Can be used on other flex fuel systems

ACT1370 6 pc Disconnect Set (Blue-Point[®])

- For use on air-conditioning spring couplings, as well as push-lock connectors on radiator and transmission lines
- Use for disconnecting spring couplings on Ford[®], GM[®] and Chrysler[®] air conditioning lines
- Works on fuel lines and can be used as push-lock connectors on radiator and transmission lines
- Includes (6) disconnect tools: 5/16, 3/8, 1/2, 5/8, 3/4 and 7/8"
- Includes a holder



- Read and follow safety message in instructions.
- Do not expose gasoline or fuel to flames, sparks or other sources of ignition.
- Use only in well-ventilated areas.
- †These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages 91-92 for details.
- Read Safety Precautions on pages W1-W4

FUEL AND ENGINE SYSTEMS: FUEL SYSTEMS

**Shutoffs/Hose Pinching Pliers****YA2850A Hose Pinchers (Blue-Point®)**

- For diagnosing problems that require rubber or plastic fuel, vacuum and air lines to be temporarily closed
- Effectively seals lines without disconnecting
- Set of (2)

YA965A Hose Pinching Pliers (Blue-Point®)

- Eliminates the need to drain the cooling system when repairing a thermostat or water pump
- Used to pinch off emission control hoses, flexible brake lines and rubber hose fuel lines
- Jaws swivel for positive clamping

HCP6A Hose Pinching Pliers (Blue-Point®)

- Used for sealing hose sizes 1/8–5/16" (3–8 mm)
- For use on brake lines, fuel lines and vacuum hoses
- 6" long

HCP7A Hose Pinching Pliers (Blue-Point®)

- Used for sealing hose sizes 1/2–3/4" (13–19 mm)
- For use on heater hoses and vacuum lines
- 7" long

HCP10A Hose Pinching Pliers (Blue-Point®)

- For sealing hoses 3/4–2-1/4" (19–57 mm)
- For use on radiator hoses
- 10" long

SHP2KT Hose Pinching Pliers Set

- Used to pinch off flexible lines to prevent spills when disconnected
- Spring-loaded handle and lock for easy one-hand application and release
- Manufactured from strong, lightweight fiber-reinforced synthetic polymer with extreme chemical resistance
- Use SHP7 for small lines: 1/8–3/4" (3–19 mm)
- Use for large lines: 3/4–2-1/4" (19–57 mm)

SHP7 Hose Pinching Pliers

- Used to pinch off flexible lines to prevent spills when disconnected
- Spring-loaded handle and lock for easy one-hand application and release
- Manufactured from strong, lightweight fiber-reinforced synthetic polymer with extreme chemical resistance
- Use for small lines: 1/8–3/4" (3–19 mm)

SHP10 Hose Pinching Pliers

- Use to pinch off flexible lines to prevent spills when disconnected
- Spring-loaded handle and lock for easy one hand application and release
- Manufactured from strong, lightweight fiber reinforced synthetic polymer with extreme chemical resistance
- Use for large lines: 3/4"–2-1/4" (19–57 mm)

FUEL AND ENGINE SYSTEMS: OXYGEN AND FUEL SENSOR TOOLS

**Fuel Sensor Wrench****GANM27 Fuel Sensor Wrench**

- Used to remove the high-pressure fuel sensor on the 3.6 FSI engine found on the VW® Touareg® and CC models, plus Audi® Q7
- 12-point crowfoot socket engages every 30° for better access in restricted areas
- Special alloy steel provides the highest match of strength and durability
- 3/8" drive, 27 mm

FRP1215 Fuel Rail Pressure Sensor Wrench

- Designed to remove fuel rail pressure sensors on 2006–2010 Duramax® LBZ and LMM diesel engines
- Cushioned grip for comfort
- Heat-treated for durability
- Flex-head handle for increased mobility
- Compact socket head fits into tight spaces

Sensor Tools

S6176 1/2" Drive Metric 22 mm Oxygen Sensor Socket

- For service on most Nissan®, Mazda®, Honda® and Acura® vehicles
- Slotted side clears projections
- 3-7/8" long

S6150 1/2" Drive 12-Point 7/8" Oxygen Sensor Crowfoot Wrench

- Special crowfoot wrench design provides the strength necessary for removal/installation
- 1/2" drive, 12-point, 7/8" wrench size
- Nickel-chrome finish

S6154 1/2" Drive 12-Point 22 mm Oxygen Sensor Wrench

- For use on oxygen sensors on 2007 Acura® RDX®
- 1/2" drive, 12-point, 22 mm wrench size
- Nickel-chrome finish

SWR1A Oxygen Sensor Wrench

- Designed for all oxygen sensors with a 7/8" hex
- Flex head offers essential clearance for removal/installation of oxygen sensors when a sensor is positioned upward and inward to the floorboard or when leverage is needed around an exhaust pipe
- Ford® Contour and Ford® Modular 4.6 L and 5.4 L engines used in trucks and SUVs have this application
- Other applications include 7/8" and 22 mm knock sensors used on midsize trucks, SUVs and vans
- Flank Drive® wrenching system for greater applied torque
- Chrome finish for easy cleanup and protection against corrosion
- Compact, low clearance head
- Overall length: 10-3/4"; hex: 6-point 7/8"; 1-9/16" head diameter
- Slot width: 1-5/16"

SWR2 Oxygen Sensor Socket

- For oxygen sensors located in the exhaust manifolds of 1981-later cars and light trucks, including VW®
- 3/8" drive with 7/8" hex size
- 1/2" opening for easy access to oxygen sensor
- Flank Drive® wrenching system for greater applied torque with less effort
- Ball detent in square drive for secure retention
- Industrial finish

SWR102 2 pc Oxygen Sensor Wrench Set

- Includes SWR1A and SWR2 in a storage tray

EMSM3815 3/8" Drive 15 mm PTU Sensor Socket

- 3/8" drive; 15 mm; single-hex socket
- Manufactured from alloy steel in Milwaukee, WI
- Precision machined and heat-treated for optimum strength and durability
- Reduced height allows easier access to PTU sensor



S6176



S6150



S6154



SWR1A



SWR2



SWR102



EMSM3815

WARNING



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
 - Wear safety shield (User and bystander).
 - Sparks occur when connecting or disconnecting battery leads.
 - Do not disconnect the battery while open fuel is present.
- †These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

FUEL AND ENGINE SYSTEMS: OXYGEN AND FUEL SENSOR TOOLS



EM5M3818



S1890



S1891



S1892



S6203



S7401

Sensor Tools

EM5M3818 3/8" Drive Metric 18 mm Coolant Temp Sensor Socket

- 3/8" drive; 18 mm; single hex socket

S1890[†] 2 pc 3/8" Drive 6-Point Sensor Socket Set

- Sockets have unique profile and design allowing them to effectively reach tight areas where many engine sensors are located
- Perfect tools for removing hard to reach sensors such as knock, oil pressure, temperature and other sensors located in confined areas such as under and behind the intake manifold
- 6-point design easily removes sensors without causing unnecessary damage
- Set contains 3/8" drive 24 and 27 mm sockets

S1891[†] 3/8" Drive Metric 6-Point 27 mm Sensor Socket

- Socket has unique profile and design allowing it to effectively reach tight areas where many engine sensors are located
- Perfect tool for removing hard to reach sensors such as knock, oil pressure, temperature and other sensors located in confined areas such as under and behind the intake manifold
- 6-point design easily removes sensors without causing unnecessary damage

S1892[†] 3/8" Drive Metric 6-Point 24 mm Sensor Socket

- Socket has unique profile and design allowing it to effectively reach tight areas where many engine sensors are located
- Perfect tool for removing hard to reach sensors such as knock, oil pressure, temperature and other sensors located in confined areas such as under and behind the intake manifold
- 6-point design easily removes sensors without causing unnecessary damage
- Forged from alloy steel for strength and durability

S6203 19 mm Temperature Sensor Socket

- Designed specifically with a larger bolt clearance to allow the socket to fit around electrical connectors and more easily remove cylinder head temperature sensors from specific Ford[®], Lincoln[®] and Mercury[®] vehicles
- Nickel-chrome finish helps protect against corrosion and makes it easy to wipe clean
- Manufactured from the highest quality proprietary steel, providing optimum strength and durability
- Time saver for technicians having the correct fitting tool for the job

S7401 3/8" Drive 6-Point 19 mm Deep Sensor Socket

- Socket designed with a deeper hex to allow the sensor to fit into it
- Socket has reduced height and smaller outside dimension than other designs to assist in accessing the temperature sensor
- Chrome finish helps protect against corrosion

Sensor Tools

EMSM1222 1/2" Drive Metric 22 mm Sensor Socket

- Specially designed cutout ensures a tight fit on the sensors without cutting wires
- Precise fit; six-sided more flat-to-flat contact avoids rounding the sensor (as opposed to two-sides with a standard wrench)
- Thin outside diameter for greater accessibility to sensors that are tucked away
- Square drive end has grooved detents on all four interior walls
- Industrial finish helps protect against corrosion



EMSM1222



EMSM1230

EMSM1230 1/2" Drive Metric 30 mm Sensor Socket

- Specially designed cutout ensures a tight fit on the sensors without cutting wires
- Precise fit; six-sided more flat-to-flat contact avoids rounding the sensor (as opposed to two-sides with a standard wrench)
- Thin outside diameter for greater accessibility to sensors that are tucked away
- Square drive end has grooved detents on all four interior walls



EMSMT3813

EMSMT3813 3/8" Drive Metric 13 mm Sensor Socket

- Specially designed cutout ensures a tight fit on the sensors without cutting wires
- Precise fit; six-sided more flat-to-flat contact avoids rounding the sensor (as opposed to two-sides with a standard wrench)
- Thin outside diameter for greater accessibility to sensors that are tucked away
- Square drive end has grooved detents on all four interior walls
- Industrial finish helps protect against corrosion



YA1239

YA1239 Dual Drive Oxygen Sensor Wrench (Blue-Point®)

- 1/2 and 3/8" drive
- Attach 1/2" breaker bar on the end of the tool to initially loosen stuck sensors; use a 3/8" ratchet on the top for fast removal and installation
- Fits oxygen sensor applications with a heat shield
- Slotted body allows clearance for wire harness



YA6675B

YA6675B² Shielded Oxygen Sensor Socket (Blue-Point®)

- Designed to remove and replace "can"-type shielded oxygen sensors and air fuel sensors currently found on Toyota® 2003-later, Lexus® 2006-later, Honda® 2006-later, Acura® 2007-later, Mazda® 2006-later, Hyundai® 2006-later, Kia® 2006-later, Nissan® 2007-later and Infiniti® 2007-later models
- Depth and outer diameter of the socket are critical features, enabling it to fit in the limited space of the heat shield
- Design features a 3/8" drive, 6-point, 22mm hex socket



YA6775A

YA6775A Splined Oxygen Sensor Wrench (Blue-Point®)

- Includes a 12-point and a 6-point socket with a spline configuration, that provides optimal engagement and reduces the possibility of damage versus other oxygen sensor wrenches
- Fits most 22 mm non-shielded oxygen sensor configurations
- Pivoting handle provides increased access and positive leverage to confined spaces



YA8875B

YA8875B Splined Oxygen Sensor Wrench (Blue-Point®)

YA9375B Oxygen Sensor Wrench (Blue-Point®)

- For oxygen sensors on GM® LT1 and LT5 5.7 L V8 engines
- Additional applications include Harley-Davidson® motorcycles 2007-later
- Eliminates need to unhook exhaust system when removing or reinstalling the oxygen sensor
- 3/8" drive with 2-1/8" hex size
- Industrial finish



YA9375B

YA9385 Oxygen Sensor Socket (Blue-Point®)

- Used to install and remove oxygen and vacuum sensors on most US and import vehicles
- Can be used with an impact wrench
- 1/2" drive, 22 mm; 1-1/4" external hex; 19/32 x 2-3/4" slot to clear obstructions
- Black industrial finish

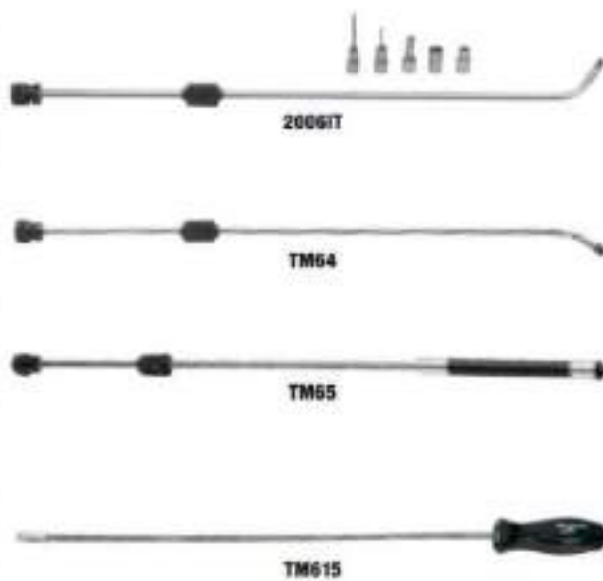


YA9385



- Read and follow safety messages in the instructions.
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W5

FUEL AND ENGINE SYSTEMS: CARBURETOR

**Carburetor Adjustment Tools****2006IT Carburetor Adjusting Set**

- Includes S6137E, S6138E, S6139, TM64, TM83A and TM85

S6137E Idle Adjusting Hex Head Driver

- For 1978-later Chrysler® vehicles
- 3/32" hex driver is 1-9/16" long
- 7/16" O.D.
- 1/4" drive industrial finish bit; nickel-chrome finish socket

S6138E Idle Adjusting Driver

- For Ford® feedback carburetors
- Bit has a 3/16 x 1/32" flat tip, 2" long
- 7/16" O.D., 1/4" drive
- Industrial finish bit; nickel-chrome finish socket

S6139 Double D Carburetor Adjusting Socket

- For 1978-later GM® idle adjusting screw
- 3.5 mm across flats, 13/16" long
- 1/4" drive, O.D. drive end is 7/16"
- Nickel-chrome finish

TM64 Rigid Adjusting Tool

- Features a rigid elbow bend rather than flexible
- Used with carburetor drivers for making carburetor and point adjustments
- Rigid shaft
- Overall length is 18-1/4, 1/4" drive

TM65 Flexible Adjusting Tool

- Flexible shaft end for working in restricted areas
- Ideal for working in tight spaces when servicing window-type distributors
- Knob markings allow for counting turns
- Overall length is 19-3/4, 1/4" drive

TM615 1/4" Drive Standard Handle Extra-Long Flexible Driver

- Designed for carburetor work; this driver can also access recessed distributors
- 1/4" drive at the end of a tough but flexible spring steel shank
- Ideal to access hard-to-reach adjusting screws
- Intended for low-torque applications

TM83A Recessed Blade Carburetor Screwdriver

- Used with TM64 or TM65 and other 1/4" square drive handles
- Blades are recessed in the outer socket wall to self-center
- 1/4" drive, 3/8 x 1/32" blade
- Nickel-chrome finish

TM84 Recessed Blade Carburetor Screwdriver

- Use with TM64 or TM65 and other 1/4" square drive handles
- Blades are recessed in the outer socket wall to self-center
- 1/4" drive, 7/16 x 1/32" blade
- Nickel-chrome finish

TM85 Recessed Blade Carburetor Screwdriver

- Used with TM64 or TM65 and other 1/4" square drive handles
- Blades are recessed in the outer socket wall to self-center
- 1/4" drive, 9/32 x 1/32" blade for adjusting late-model Quadrajet carburetors
- Nickel-chrome finish

TAM3E Metric Hex Head Driver

- Used to make carbon monoxide adjustments on 1976 Dasher, 1974-1976 Audi® and Volvo®, and 1975 and 1976 Fiat® and Saab® vehicles
- 3 mm bit size, 1/4" drive
- 6-7/8" long
- Nickel-chrome finish

FUEL AND ENGINE SYSTEMS: DISTRIBUTOR SERVICE TOOLS

SAE Distributor Wrenches

Stock No.	Wrench Size, Inches
S8564B	1/2
S9707	1/2
M3515	9/16
S8176	9/16
S9609	9/16
S9622	9/16
S9626	9/16

S8564B Distributor Wrench

- Ford®, Lincoln® and Mercury® engines; clears leads and coils

S9707 Distributor Wrench

- Ford®, Mercury® and Cadillac® engines

M3515 Distributor Wrench

- GM® V6 and V8 trucks

S8176 Distributor Wrench

- Pontiac® and Oldsmobile® engines

S9609 Distributor Wrench

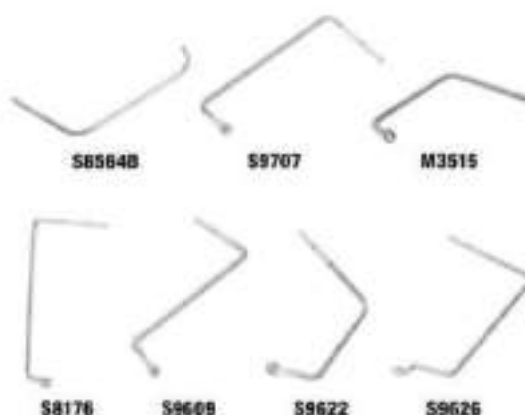
- Chevrolet® V8 engines

S9622 Distributor Wrench

- 1977-later full-size GM® cars with V8 engines

S9626 Distributor Wrench

- GM® V6 engines



Flexible Drivers

Stock No.	A	B	C
TM63A	1/4	4-21/32 (118)	9-3/16

TM63A 1/4" Drive Standard Handle Flexible Driver

- 1/4" drive at the end of a tough but flexible spring steel shank
- For low-torque applications
- 9-3/16" long



S6134

Metric Distributor Wrench

S6134 Metric Distributor Wrench

- 1982-later Cadillac® 4.1 L V8 engines, GM® 2.8 L V6 engines, and 1985 VW® Golf® engines
- 15 mm



TM63A



ACD12B

Cleaning Brushes

ACD12B Distributor Cleaning Brush (Blue-Point®)

- Wire brush cleans terminal connections on distributors and coils
- 5-1/4" long with a 4" long handle
- Wire diameter is .012"

FUEL AND ENGINE SYSTEMS: IGNITION TOOLS



IT100

Ignition Testers

IT100[®] Ignition Tester

- For standard ignition systems
- Checks for spark without removing the spark plug from the engine
- Testers attach to the spark plug lead and spring clip attaches to an appropriate ground



ITHE100

ITHE100[®] Ignition Tester

- Used for HEI systems
- Checks for spark without removing the spark plug from the engine
- Tester attaches to the spark plug lead and spring clip attaches to an appropriate ground



YA6465

Ignition Tool

YA6465 1/2" Drive Hex Ford® Ignition Modular Wrench (Blue-Point®)

- Used to remove 7/32" (5.5 mm) hex retainer bolts on Ford® ignition modules
- 1/2" hex drive



- Do not use chrome or industrial finish hand tools with impact drivers or impact drivers
- Plastic coated handle does not protect against electric shock
- Wear safety goggles
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages F1-P2 for details.
- Read Safety Precautions on pages W1-W4

SNAP-ON® MUSCLE MIG/MIG WIRE FEED WELDERS

Snap-on® 230 V MIG Welders

Snap-on® MIG Welders have higher duty cycles at maximum amperage, providing added weld times and performance that surpasses the competition. Ideal for many applications, including automotive repair, collision, heavy-duty truck, farm and metal fabrication shops. Added capabilities include a detachable feeder assembly, spot stitch (some models), along with the optional TIG accessory and aluminum spool gun packs.

Wire feed assembly, constructed of precision-machined cast aluminum, features all-metal gearing and 800 in/min delivery for consistent wire speeds

Capacitor bank and diode set delivers consistent voltage and industry-leading smooth arc characteristics



All-copper-wound, tapped transformer features Nomex® insulation and bolted laminations to provide precise voltage control and repeatable welds



MIG220



MM250SL



MM350XL

Snap-on® 230 V MIG Welders

Specifications	MIG220	MM250SL	MM350XL
Output Amperage Max, amps	220	270	350
Duty Cycle Rating	60% @ 185 A	100% @ 185 A	100% @ 300 A
Welding Capacity, Single Pass, inches	5/16	3/8	1/2
Voltage Settings, MIG/TIG	12/4	8/4	8/4
Spot-Stitch	No	Yes	No
Detachable Feeder	No	Yes	Yes
Wire Size, inches (mm)	.023-.045 (.58-1.1)	.023-.045 (.58-1.1)	.023-.063 (.58-1.6)
Torch Length, feet	10	10	12
Feeder Cable Length, feet	N/A	15 (4.5)	15 (4.5)
Ground Cable Length, feet (m)	10 (3)	15 (4.5)	25 (7.6)
Power Input Cable Length, feet (m)	20 (6)	20 (6)	20 (6)
Input Voltage	208/230 V AC, 50/60 Hz 1-ph	208/230 V AC, 50/60 Hz 1-ph	208/230 V AC, 50/60 Hz 1-ph
Input Amperage (recommended)	26/24	33/30	45/42
Gas Regulator-Flowmeter	Yes	Yes	Yes
Warranty*	2 Year	2 Years	2 Year

*Warranty does not include cable and torch consumables
TECHNICAL SUPPORT: 800-ABC-WELD

SNAP-ON® MUSCLE MIG/MIG WIRE FEED WELDERS

Snap-on® MIG welders can be used as straight polarity with shielding gas or reverse polarity without shielding gas for flux cored wire. MIG135 is compact and portable for use on the worksite.



Snap-on® 115 Volt MIG Welders

Specifications	MIG135	MIG140	MM140SL
Output Amperage Max, amps	125	140	140
Arc Voltage, V DC	15-18.3	14-26	14-26
Open Circuit Voltage, V DC	18-24	16-34	15-33
Duty Cycle Rating	20% @ 90 A	30% @ 140 A	100% @ 140 A
Spot-Stitch	No	No	Yes
Welding Capacity, Single Pass, inches	3/16	1/4	1/4
Detachable Feeder	No	No	Yes
Ground Cable Length, feet (m)	8 (2.4)	10 (3)	15 (4.5)
Power Input Cable Length, feet (m)	6 (1.8)	20 (6)	20 (6)
Input Voltage	115 V AC, 50/60 Hz 1-ph	115 V AC, 50/60 Hz 1-ph	115 V AC, 50/60 Hz 1-ph
Input Amperage (recommended)	20	30	30
Gas Regulator-Flowmeter	Regulator	Yes	Yes
Dimensions, inches (W x D x H)	13 x 19 x 18-1/4	14-1/2 x 26.3 x 32.3	14-1/2 x 26.3 x 32.3
Warranty*	2 Years	2 Years	2 Years

*Warranty does not include cable and torch consumables.
TECHNICAL SUPPORT: 800-ABC-WELD

ACCESSORIES – MIG WELDERS

MIG Welder Accessories

IMAGE	Stock No.	Description	MM140SL	MM250SL	MM350XL	MIG220	MIG140
	MHG5A	Aluminum Spool Gun Converts Welders Listed to Aluminum Welding	N/A	N/A	N/A	Opt	Opt
	MHG5B	Aluminum Spool Gun Converts Welders Listed to Aluminum Welding	Opt	Opt	Opt	N/A	N/A
	CKSTP2125A	DC TIG Pack Adds DC TIG Welding Capability for Welding Ferrous Metals	N/A	N/A	N/A	Opt	Opt
	FLEXTIG25	DC TIG Pack Adds DC TIG Welding Capability for Welding Ferrous Metals	Opt	Opt	Opt	N/A	N/A
	CKS2TK	Twin Cylinder Rack Converts Models Listed to Carry Two Cylinders	N/A	Opt	Std	Opt	N/A
	CKS15FN1030	Flexible Neck Torch for Welding Exhaust Systems	Opt	Opt	Opt	Opt	Opt

Std = Standard
Opt = Optional
TECHNICAL SUPPORT: 800-ABC-WELD



- Wear face shield and protective clothing while welding or cutting.
- Do not allow bystanders while welding or cutting.
- Read Safety Precautions on pages W1-W4.

SNAP-ON® MIG WIRE FEED WELDERS



MIG225Ai



MIG185i



MIG200i



MIG160i

Synergic MIG Welders

- Easy-to-read LCD display panel and a single knob for selection and adjustments
- Multiple synergic curves allow the user to weld a variety of materials and thicknesses
- Preset synergic curves automatically provide the most optimal parameters for individual situations
- Inverter-style wire feed synergic MIG features two torches allows for quick changeover time from steel to aluminum
- Pulse and double-pulse settings for increased heat control with thin materials and improved overall weld appearance
- Individual welding parameters and preset by material, thickness, wire type and size, along with shielding gas type
- MIG welding of steel, stainless-steel and MIG brazing of high-strength and Boron steels
- Hot start option increases current at the beginning of the weld cycle to ensure adequate penetration
- Crater fill selection allows user to finish the weld cycle by filling in the weld puddle and eliminates pinholes
- LCD screen shows welding parameters, such as current, voltage, recommended thickness, wire speed and wire diameter
- Machine automatically sets both heat and wire speed for multiple material thicknesses
- Adjustable arc length, inductance, burnback, soft start, pre-gas and post-gas
- Spot weld and pause features, with adjustable on time
- Faster set-up time and reduced production times
- Complete with regulator-flowmeter

Specifications	MIG225Ai	MIG200i	MIG185i	MIG160i
Power Output, amps	20-225	20-200	20-185	20-160
Duty Cycle/Rated Output, amps	120 @100%	120@100%	110 @100%	100 @100%
Standard Torch Configuration	Aluminum/Steel	Aluminum	Aluminum	Steel
Ground Cable Length, feet (m)	11-1/2 (3.5)	10 (3)	10 (3)	10 (3)
Power Input Cord Length, feet (meters)	9 (2.7)	9 (2.7)	9 (2.7)	9 (2.7)
Power Input, V AC	230	230	230	230
Input Current, amps	26	26	24	20
Power Input, Hz (Single Phase)	50/60	50/60	50/60	50/60
Height, inches (mm)	38	18 (456)	15 (381)	15 (381)
Width, inches (mm)	23 (584)	11 (280)	8 (203)	8 (203)
Depth, inches	36	19 (482)	18	6
Machine Weight, lb	150	46 (21)	30	24
Shipping Weight, lb	176	50 (23)	34	28

TECHNICAL SUPPORT: 800-ABC-WELD

CE-Approved

MIG225Ai Dual Torch Double-Pulse Synergic MIG Welder

- Welds 5356, 4047 and 0.045 5554 aluminum with a push-pull torch (standard equipment) that includes a fine current adjustment button
- Aluminum push-pull torch is longer for increased accessibility around the vehicle and contains a drive roller to eliminate wire binding
- Complete with running gear, two regulator-flowmeters and the capability to store two separate gas bottles

MIG200i Synergic Double-Pulse Inverter MIG Welder

- Welds 5354, 4047 and 0.045 5554 aluminum with standard 10 foot torch
 - Selectable start mode includes a trigger control for Start Current, Slope Time and Crater Fill options
 - Slope time adjustment controls the amount of time full current is present between Hot Start and Crater Fill options
 - Comes standard with aluminum torch
- MIG185i Synergic Inverter MIG Welder**
- Welds 5356 and 4047 aluminum with a standard aluminum torch

MIG160i Synergic Inverter MIG Welder

- Inverter-style wire feed synergic MIG welder with a standard steel torch
 - MIG welding of steel and stainless steel, and MIG brazing of high-strength and boron steels
 - Welds 5356 and 4047 aluminum with optional aluminum torch and a drive roller (MIG160i and CKS3080942)
- MIG160i FLEX Flexible Neck MIG Torch for Synergic Welders**
- Ideal for exhaust repair shops
 - Can be placed in an infinite number of positions
 - Allows welding of exhaust pipes without loosening the exhaust hanger
 - Use with MIG160i, MIG185i, MIG200i, MIG225i and MIG225Ai



CKS15TG1025



CKS25SG1035



CKSGRFM

MIG Welders Parts and Consumables

Stock No.	Description	MIG140	MIG220	MM140SL	MM250SL	MM350XL
CKS15TG1025	10' Cable and MIG Welding Torch (.025" wire)	Opt	Opt	Opt	Opt	—
CKS15TG1030	10' Cable and MIG Welding Torch (.030" wire)	Std	Opt	Std	Opt	—
CKS15TG1035	10' Cable and MIG Welding Torch (.035" wire)	Opt	Std	Opt	Std	—
CKS25SG1035	10' Cable and MIG Welding Torch (.035" wire)	Opt	Opt	Opt	Opt	—
CKS15TG1230	12' Cable and MIG Welding Torch (.030" wire)	Opt	Opt	Opt	Opt	—
CKS15TG1235	12' Cable and MIG Welding Torch (.035" wire)	Opt	Opt	Opt	Opt	—
CKS35XL1235	12' Cable and MIG Welding Torch (.035" wire)	—	—	—	—	Std
CKS35XL1245	12' Cable and MIG Welding Torch (.045" wire)	—	—	—	—	Opt
CKS15TG1535	15' Cable and MIG Welding Torch (.035" wire)	Opt	Opt	Opt	Opt	—
CKS35XL1535	15' Cable and MIG Welding Torch (.035" wire)	—	—	—	—	Opt
CKS35XL1545	15' Cable and MIG Welding Torch (.045" wire)	—	—	—	—	Opt
CKSM103LB	Cable and MIG Welding Torch Liner (.025–.030" wire)	Std	Opt	Std	Opt	—
CKSM123LB	Cable and MIG Welding Torch Liner (.025–.030" wire)	Opt	Opt	Opt	Opt	Opt
CKSM104LN	Cable and MIG Welding Torch Liner (.030–.040" wire)	Opt	Std	Opt	Std	—
CKSM124LN	Cable and MIG Welding Torch Liner (.030–.045" wire)	Opt	Opt	Opt	Opt	Std
CKSM3TN50	1/2" Adjustable Nozzle	Std	Std	Std	Std	—
CKSM3B	Insulated Nozzle Bushing	Opt	Opt	Opt	Opt	—
CKSM6B	Insulated Nozzle Bushing	—	—	—	—	Std
CKSM3T2510	10 Pack Tip	Opt	Opt	Opt	Opt	Opt
CKSM3T3010	Contact Tip (.030" wire)	Std	Std	Std	Std	Opt
CKSM3T3510	Contact Tip (.035" wire)	Opt	Opt	Opt	Opt	Std
CKSM3T4510	10 Pack Tip	Opt	Opt	Opt	Opt	Opt
CKSM3D	Gas Diffuser	Opt	Opt	Opt	Opt	—
CKSM6D	Gas Diffuser	—	—	—	—	Std
CKSM3TD	Gas Diffuser	Std	Std	Std	Std	—
CKSGRFM	Flowmeter-Regulator	Std	Std	Std	Std	Std
CKSM3C50	Nozzle Cup	Opt	Opt	Opt	Opt	—
CKSM3TB2	Insulator with O-Ring	Std	Std	Std	Std	—
CKSM3TB3	3 Pack O-Rings	Std	Std	Std	Std	—
CKSM6C62	Tapered Nozzle	—	—	—	—	Std
CKSM3NA50	Nozzle Assembly	Opt	Opt	Opt	Opt	—

Std = Standard

Opt = Optional

TECHNICAL SUPPORT: 801-ABC-WELD

Snap-on® MIG Welder Consumable Kits

Contains a selection of parts to repair Snap-on® MM Series, MIG220, MIG140, YA212AIND and FM140A welders, along with MHG Series spoolguns.

CKSMPK1 MIG Welder Parts Kit

- Standard MIG consumables, such as contact tips, O-rings, nozzles, insulator and diffuser

CKSMPK10 MIG Welder Master Parts Kit

- Contains CKSMPK1 contents, along with additional parts for aluminum spool guns



CKSMPK1



CKSMPK10



- Wear face shield and protective clothing while welding or cutting.
- Do not allow bystanders while welding or cutting.
- Read Safety Precautions on pages W1-W4.

PARTS AND CONSUMABLES



MIG1154



MIG1151



MIG023

MIG030

MIG035

Synergic MIG Welders Parts and Consumables

Stock No.	Description	MIG160i	MIG185i	MIG200i	MIG225i/ MIG225Ai
CK5246951	Drive Roller .023/.030	Std	Std	N/A	N/A
CK53080396	Drive Roller .023/.030	N/A	N/A	Std	Std
CK53080397	Wire Feed Roller .040-.045 Steel	N/A	N/A	Std	Std
CK53080907	Drive Roller .035/.035 FLUX	Std	Opt	N/A	N/A
CK53080914	Wire Feed Roller .030-.040 Aluminum	N/A	N/A	Std	Std
CK53080915	Wire Feed Roller .045-.115 Aluminum	N/A	N/A	Std	Std
CK53080917	Drive Roller .030/.040	Opt	Opt	N/A	N/A
CK53080918	Drive Roller .035 Al/.035	N/A	N/A	Std	Std
CK53080942	Drive Roller .030 AL/.040 AL	Opt	Std	N/A	N/A
CK587123370	Torch Neck	Std	N/A	N/A	N/A
CK5GRFM	Flowmeter-Regulator	Std	Std	Std	Std
MIG023	Contact Tip (.023), 10 each	Opt	N/A	N/A	N/A
MIG030	Contact Tip (.030), 10 each	Std	N/A	N/A	N/A
MIG035	Contact Tip (.035), 10 each	Opt	N/A	N/A	N/A
MIG035AL	.035 Aluminum Contact Tip (10 ea)	Opt	N/A	N/A	N/A
MIG040	.040 Contact Tip (10 ea)	Opt	N/A	N/A	N/A
MIG040AL	.040 Aluminum Contact Tip (10 ea)	Opt	N/A	N/A	N/A
MIG1151	Tapered Nozzle	Std	N/A	N/A	N/A
MIG1152	Spot Weld Nozzle	Opt	N/A	N/A	N/A
MIG1154	Nozzle Spring	Std	N/A	N/A	N/A
MIG1156	Diffuser	Std	N/A	N/A	N/A
MIG1603	Replacement Steel Liner	Std	Opt	Opt	Std
MIG1605	Standard Torch	Std	N/A	N/A	N/A
MIG1606	Aluminum Torch and Wire Kit	Opt	N/A	N/A	N/A
MIG160AK	Liner Kit for Aluminum Wire	Opt	Std	Std	Opt
MIG18523	.023" (0.6 mm) Contact Tip (10 pk)	N/A	Opt	Opt	Opt
MIG18530	.030" (0.8 mm) Contact Tip (10 pk)	N/A	Opt	Opt	Std
MIG18535	.035" (0.9 mm) Contact Tip (10 pk)	N/A	Opt	Opt	Opt
MIG18540	.040" (1.0 mm) Contact Tip (10 pk)	N/A	Opt	Opt	Opt
MIG18535AL	.035" (0.9 mm) Aluminum Contact Tip (10 pk)	N/A	Std	Std	Std
MIG18540AL	.040" (1.0 mm) Aluminum Contact Tip (10 pk)	N/A	Opt	Opt	Std
MIG1851	Nozzle	N/A	Std	Std	Std
MIG1854	Nozzle Support	N/A	Std	Std	Std
MIG1855	Steel MIG Torch	Opt	Opt	Opt	Std
MIG1856	Aluminum Torch Assembly	N/A	Std	Std	N/A
MIG1857	Gas Diffuser, Ceramic	N/A	Std	Std	Std
MIG1858	Nozzle Holder Insulator	N/A	Std	Std	Std
MIG1859	Torch Neck	N/A	Std	Std	Std
MIG225PP	Aluminum Push Pull Torch	N/A	N/A	N/A	Std
CK5M16039	Ground Cable	Std	Std	Std	N/A
CK5246272	Ground Cable	N/A	N/A	N/A	Std
MIG2257	Diffuser - MIG225PP	N/A	N/A	N/A	Std
MIG22530AL	.030" Contact Tip 10 pk - MIG225PP	N/A	N/A	N/A	Std
MIG22545AL	.045" Contact Tip 10 pk - MIG225PP	N/A	N/A	N/A	Std
MIG2251	Gas Nozzle - MIG225PP	N/A	N/A	N/A	Std
MIG2259	Neck Assembly - MIG225PP	N/A	N/A	N/A	Std
CK53080903	.030" Wire Feed Roller - MIG225PP	N/A	N/A	N/A	Std
CK53080919	.035" Wire Feed Roller - MIG225PP	N/A	N/A	N/A	Std
CK53080904	.040" Wire Feed Roller - MIG225PP	N/A	N/A	N/A	Std
CK53080921	.045" Wire Feed Roller - MIG225PP	N/A	N/A	N/A	Std
CK53155647	Nat. Wire Feed Roller - MIG225PP	N/A	N/A	N/A	Std

Std = Standard

Opt = Optional

TECHNICAL SUPPORT: 800-ARC-WELD

Portable MIG Welder Parts and Consumables

Stock No.	Description	MIG125	MIG135
CK5GR115	Gas Regulator with Adaptor	Std	Std
MIG023	.023" Contact Tip	Std	Std
MIG030	.030" Contact Tip	Opt	Opt
MIG035	.035" Contact Tip	Opt	Opt
MIG1151	Tapered Nozzle	Std	Std
MIG1152	Spot Weld Nozzle	Opt	Opt
MIG1153	Steel Liner (Blue-Point®)	Std	Std
MIG1154	Nozzle Spring	Std	Std
MIG1155	9' Cable and MIG Welder Torch (Blue-Point®)	—	Std
MIG1156	Diffuser	Std	Std
MIG1157	Teflon® Liner (Blue-Point®)	Opt	Opt
CK5Z4627Z	Ground Cable	—	—

Std = Standard
Opt = Optional
TECHNICAL SUPPORT: 800-ABC-WELD

Stock No.	Description	MHG5A	MHG5B
CK5M0C42	Nozzle Cup	Std	Std
CK5M5NB	Nozzle Body	Std	Std
CK5M5B	Insulated Nozzle Bushing	Std	Std
CK5M35NA42	Nozzle Assembly	Std	Std
CK5M35D	Gas Diffuser	Std	Std
CK5MGT3010	Contact Tip	Std	Std
CK5MGT36410	Contact Tip (3/64) 10 ea.	Opt	Opt
CK5MGT3010	Contact Tip (.030) (10 ea)	Std	Std
CK5404335	Aluminum Wire (0.030) 1 lb	Std	Std
MIG1101	Tapered Nozzle (Blue-Point®)	—	—

Std = Standard
Opt = Optional
TECHNICAL SUPPORT: 800-ABC-WELD

TIG Pack/Parts and Consumables

Stock No.	Description	CKSTP2125	CKSTP2125A	FLEXTIG25	TIG130i	TIG150i	TIG255i
CK93C1145	1/16" Collet (5 ea)	—	Opt	Std	Std	Std	Std
CK93C3325	3/32" Collet (5 ea)	—	Std	Std	Std	Std	Std
CK93C4105	1/8" Collet (5 ea)	—	Std	Opt	Std	Std	Std
CK93CB3322	3/32" Collet Body (2 pk)	—	—	—	—	—	—
CK93CB4182	1/8" Collet Body (2 ea)	Std	—	Opt	Std	Std	Std
CK93A610	3/8" I.D. Cup (10 ea)	Std	—	Std	Std	Std	Std
CK93A810	1/2" I.D. Cup (10 ea)	Std	—	Std	Std	Std	Std
CKSTT11610	1/16" Tungsten Electrode (10 ea)	Opt	—	Std	Std	Std	Std
CKSTT33210	3/32" Tungsten Electrode (10 ea)	Std	—	Std	Std	Std	Std
CKSTT41810	1/8" Tungsten Electrode (10 ea)	Std	—	Opt	Std	Std	Std
CK93A710	7/16" I.D. Cup (10 ea)	Std	—	Std	Std	Std	Std
CK93005	Short Back Cap	Std	—	Std	Std	Std	Std
CK9300L	Long Back Cap	Std	—	Std	Opt	Opt	Opt
CKSTIGSHARP	Chemical Tungsten Sharpener	—	Opt	Opt	Opt	Opt	Opt

Std = Standard
Opt = Optional
TECHNICAL SUPPORT: 800-ABC-WELD



Snap-on® TIG Welder Accessories and Consumables

Stock No.	Description	TIG130i	TIG150i	TIG255i
TIGINVFS	Remote Foot Switch	—	Std	Std
CK5GRFM	Flowmeter-Regulator	Std	Std	Std
TIG130GCA	Ground Cable Complete	Std	—	—
TIG150GCA	Ground Cable Complete	—	Std	—
TIG250GCA	Ground Cable Complete	—	—	Std
TIG130TA	Torch Assembly	Std	—	—
CK5KITTIG250	TIG Parts Kit	Std	Std	Std
TIGINVRAD	Clip-On Torch Amperage Control	—	Opt	Opt
TIGINVFP	Remote Amperage Control	—	Opt	Opt
TIG250EH	Stick Electrode Holder	—	Opt	Opt
TIG250HC25	Leather Cable Cover	—	Opt	Opt
TB40	Tote Bag	Opt	—	—
TIG130EH	Stick Electrode Holder for TIG130i	Opt	—	—
TIG250FP	Remote Amperage Control	—	—	—

Std = Standard
Opt = Optional
TECHNICAL SUPPORT: 800-ABC-WELD



WARNING



- Wear face shield and protective clothing while welding or cutting.
- Do not allow bystanders while welding or cutting.
- Read Safety Precautions on pages W1-W4.

TIG WELDERS



TIG130i



TIG150i



TIG255i

Snap-on® TIG Welders

Common to TIG150i and TIG255i.

- Welding Process Versatility: select between AC TIG, DC TIG or Stick Electrode welding options
- AC or DC TIG Functionality: Choose between TIG modes for non-ferrous metals using AC TIG or for ferrous metals using DC TIG
- Amperage Control: fine adjustment range to weld extremely thin materials to maximum thicknesses
- TIG 2- or 4-stage continuous and pulse modes
- AC Balance Adjustment: penetration, balanced and cleaning
- Pulse and background amperage adjustments
- AC frequency adjustment
- Upslope/downslope as well as post as flow adjustment
- High-frequency/scratch starting modes

Specifications	TIG130i	TIG150i	TIG255i
Torch	Gas Cooled	Gas Cooled	Water Cooled
Input Voltage, V AC	115/230	208/230	208/230
Input Current, amps	15/30	30	30
Output Current, amps	10-110/10-130	5-150	5-220
Duty Cycle	60% @ 80 A/60% @ 90 A	60% @ 110 A	100% @ 160 A
Torch Length, feet	12	25	25
Ground Cable Length, feet (m)	12 (3.7)	25 (7.6)	25 (7.6)
Power Cord Length, feet	8	12	8
Shipping Weight, lb (kg)	17 (8)	57 (26)	180 (82)

TIG130i Portable TIG Welder

- Lightweight portable DC TIG welder is designed to join steel and stainless steel
- Amperage range of 10-130 amps for a variety of welding applications
- Dual voltage input capability of 115-230 V
- Suitable for use with power-generating equipment
- Comes complete with a power supply, torch, ground cable, regulator and tote bag

TIG150i TIG Welder

- Full-featured 150 A TIG welder that is ideal for everyday shop use

TIG255i TIG Welder

- Full-featured 255 A TIG welder with a water-cooled torch for longer weld times, cooler operation and enhanced dexterity
- Ideal for production welding environments

Welding Apparel

YA427B Welding Gloves (Blue-Point®)

- Help protect hands from sparks when welding
- Leather construction with added insulation for heat protection
- Reinforced palm for durability

YA4280 Welding Sleeves (Blue-Point®)

- Help protect arms from sparks when welding or cutting
- Elastic bands at each end of the sleeve
- Constructed of flame-retardant fabric

YA4282 TIG Welding Gloves (Blue-Point®)

- Ideal for TIG welding processes
- Pigskin material for precise control
- Help protect hands from heat and sparks
- Thick leather cuff for wrist protection

WELDJKT LG Welding Jacket with Stripes (Large)

WELDJKT XLG Welding Jacket with Stripes (X-Large)

WELDJKT XXLG Welding Jacket with Stripes (XX-Large)

- Highly durable, lightweight, flame retardant material with dielectric snaps, high reach collar, and an extra inch around the waist for a premium fit
- Retains flame retardant properties for up to 50 home washings or 25 commercial washings
- High-quality tensile-strength cotton
- Constructed with a proprietary process to impregnate ink into fire-retardant materials for longevity
- Zip open sides allow you to shed excess body heat and provide easy access



YA427B



YA4280



YA4282



WELDJKT LG



WELDGOGLEKT



WELDGOGLEKT1

WELDGOGLEKT2



WELDGOGLEKT3

WELDGOGLEKT4

WELDGOGLEKT5

Welding Goggles

WELDGOGLEKT Auto-Darkening Goggles Kit

- For MIG/TIG/ARC/plasma oxy cutting and grinding applications
- Ideal for confined workspace and mobile welding
- Bump cap for head protection
- Fire-retardant hood for protection
- Soft silicon-lined goggles for user comfort
- Detachable mask

WELDGOGLEKT1 Auto-Darkening Welding Goggles

- For MIG/TIG/ARC/plasma oxy cutting and grinding applications
- Ideal for confined workspace and mobile welding
- Soft silicon-lined goggles for user comfort
- For use with WELDGOGLEKT2 Fire-Retardant Hood, WELDGOGLEKT3 Bump Cap and WELDGOGLEKT5 Protective Shield

WELDGOGLEKT2 Fire-Retardant Hood

- Fire-retardant hood for protection during MIG/TIG/ARC/plasma oxy cutting and grinding applications
- Ideal for confined workspace and mobile welding

WELDGOGLEKT3 Bump Cap

- Bump cap for head protection during MIG/TIG/ARC/plasma oxy cutting and grinding applications

WELDGOGLEKT4 Auto-Filter Carry Bag

- Drawstring closure

WELDGOGLEKT5 Protective Shield

- Detachable mask for WELDGOGLEKT1
- For MIG/TIG/ARC/plasma oxy cutting and grinding applications
- Ideal for confined workspace and mobile welding



- Wear face shield and protective clothing while welding or cutting.
- Do not allow bystanders while welding or cutting.
- Follow all safety precautions for welding and cutting.
- Read Safety Precautions on pages W1-W5.

PLASMA CUTTERS



PLASMA20i



PLASMA30i



PLASMA60i

Inverter-style Plasma Cutters

- Depth-of-cut adjustability—for applications such as panel removal around spot welds—adjusts cut-depth to the top layer of material without disturbing the base layer

Specifications	PLASMA20i	PLASMA30i	PLASMA60i
Output Current, amps	5–20	5–25	20–55
Cut Thickness, inches	1/4	3/8	3/4
Sever Thickness, inches	3/8	1/2	1
Primary Input, volts	115 V AC, 50/60 Hz	115 or 230 V AC, 50/60 Hz	208/230 V AC, 50/60 Hz
Primary Input, amps	20	33 A 115 V or 20 A 230 V	40 A
Duty Cycle Rating	100% @ 15 A	100% @ 19 A	100% @ 30 A
Air Supply Required	50 PSI @ 5 CFM	50 PSI @ 7 CFM	68 PSI @ 7 CFM
Torch Cable Length, feet (m)	12 (3.7)	12 (3.7)	18 (5.5)
Ground Cable Length, feet (m)	12 (3.7)	12 (3.7)	18 (5.5)
Net Weight, lb (kg)	22 (10)	29 (13)	44 (20)

PLASMA20i 20 A Plasma Arc Cutting Machine

- Perfect for the shop or on the jobsite, it features a small-yet-powerful package size that allows for portability in a variety of situations
- Ideal for cutting a variety of ferrous, non-ferrous and high-strength materials
- Cuts a maximum of 1/4" and will sever up to 3/8"
- Adjustable amperage range from 5–20 A provides the ability to minimize distortion on thinner materials
- For applications such as panel removal around spot welds—adjusts cut depth to the top layer of material without disturbing the base layer
- Accepts 115 V input power supply voltage at minimum current requirements
- Contains an air filter and pressure regulator to allow for either a compressed air or nitrogen air supply
- Technical support and service: 800-ABC-WELD

PLASMA30i Plasma Cutter

- Inverter technology features a small-yet-powerful package size that allows for portability in a variety of situations in the shop or on the jobsite
- Ideal for cutting a variety of ferrous, non-ferrous and high-strength materials
- Cuts a maximum of 3/8" and will sever up to 1/2"
- Adjustable amperage range—from 5–25 A—provides the ability to minimize distortion on thinner materials
- Depth-of-cut adjustability—for applications such as panel removal around spot welds—adjusts cut depth to the top layer of material without disturbing the base layer

- Material capability ideal for cutting a variety of ferrous, non-ferrous and high-strength material
- Pilot self-restart function provides the ability to cut perforated, grid or expanded metal applications
- Air supply system contains an air filter and pressure regulator to allow for either a compressed air or nitrogen air supply
- Protection LED warning system for low air pressure, high temperatures and system blockages
- Input voltage versatility automatically accepts 115 or 230 V input power supply voltages at minimum current requirements
- Ideal for automotive repair, collision repair, heavy-duty truck, farm and metal fabrication shops
- Comes complete with a power supply, torch assembly, ground cable and spare torch consumables
- Technical support and service: 800-ABC-WELD

PLASMA60i Plasma Cutter

- Cuts a maximum of 3/4" and severs up to 1"
- Depth-of-cut adjustability allows the top layer of material to be cut without disturbing the base layer
- Input voltage versatility accepts 208 V or 230 V input power supply at minimum current requirements
- Includes power supply, torch assembly, ground cable and spare torch consumables

PLASMA CUTTERS CONSUMABLES



PLASMA2304



PLASMA2305



PLASMA2308



PLASMA2504



PLASMA5005



PLASMA5004



PLASMA5001



PLASMA5003

Standard-Duty Plasma Cutter Consumables

Description	PLASMA115	PLASMA230	PLASMA25	PLASMA50	PLASMA201	PLASMA301	PLASMA601
Complete Torch Assembly	PLASMA1153	PLASMA23010	PLASMA2503	PLASMA5007	PLASMA2007	PLASMA3007	PLASMA5007
Metal Diffuser	—	—	PLASMA5005*	PLASMA5005*	—	—	PLASMA5005*
Short Nozzle (1 mm), 30–35 A	PLASMA23011	PLASMA23011	—	—	—	—	—
Electrode	PLASMA11511	PLASMA23051	PLASMA50041	PLASMA50041	PLASMA20041	PLASMA3004	PLASMA50041
Long Electrode	PLASMA1152*	PLASMA23071	—	—	—	—	—
Nozzle (0.7 mm)	—	—	—	—	PLASMA20021	PLASMA30021	—
Nozzle (1.1 mm), 55A	—	—	PLASMA50021	PLASMA50021	—	—	PLASMA50021
Long Nozzle (0.9 mm), 35 A	PLASMA23081	PLASMA23081	—	—	—	—	—
Long Nozzle (1 mm), 35–50 A	PLASMA2302**	—	—	—	—	—	—
Nozzle Holder	PLASMA2304	PLASMA2304	PLASMA5001	PLASMA5001	PLASMA2001	PLASMA3001	PLASMA5001
Spacer Spring	—	PLASMA23091	—	—	—	—	—
Swirl Ring	PLASMA23031	PLASMA23031	PLASMA5003*	PLASMA5003*	PLASMA2003*	PLASMA3003*	PLASMA5003*
Torch Head Body	—	PLASMA23011	PLASMA5006	PLASMA5006	PLASMA2006	PLASMA3006	PLASMA5006
Two Point Spacer	—	—	PLASMA2504	PLASMA2504	—	—	PLASMA2504

(1) each per package unless otherwise noted.

* (2) each per package

** (3) each per package

† (5) each per package

GAS WELDING

KRBC60T Welding Workstation

KRBC60T Welding Workstation Cart

- 3/8" steel-plate work surface
- Four dual-purpose mounting locations serve as accessory mounts and wand holder
- HD textured black matte finish
- Large locking compartment stores two welders
- Slots-N-Dots™ rear panel accommodates many accessories
- Three drawers with liners and high-quality roller bearing slides
- Three large cord hooks included; extra hook kits available
- 50-3/4" W x 25-3/4" D x 37-1/2" H
- 1,000 lb load capacity



KRBC60T

- Read and follow all safety precautions accompanying the product.
- Wear safety goggles.
- Store at a temperature below 120 °F.
- Dispose of battery in accordance with regulations.
- Do not open multiple drawers.
- Wear face shield and protective clothing while welding or cutting.
- Do not inhale fumes/dusts while welding or cutting.
- Read Safety Precautions on pages W1–W4



SOLDERING



YAKS221



YAKS226



YAKS1-1

Replacement Tips for YAKS32A Soldering Iron

Stock No.	Description	Size, inches (mm)
YAKS1-1 ¹	Single Flat Solder Tip	1/32 (1.0)
YAKS1-2 ¹	Single Flat Solder Tip	3/32 (2.4)
YAKS1-3 ¹	Single Flat Solder Tip	1/8 (3.2)
YAKS1-4 ¹	Single Flat Solder Tip	3/16 (4.8)
YAKS1-5 ¹	Double Flat Solder Tip	1/32 (1.0)
YAKS1-6 ¹	Double Flat Solder Tip	3/32 (2.4)
YAKS1-7 ¹	Double Flat Solder Tip	1/8 (3.2)
YAKS1-8 ¹	Double Flat Solder Tip	3/16 (4.8)
YAKS1-9 ¹	Hot Air Blower Tip	—
YAKS1-10 ¹	Hot Knife Tip	—
YAKS112	Hot Air Blower Deflector	—
YAKS113 ¹	Hot Air Blower and Deflector Tip	—



YAKS41

YAKS41¹ Butane Gas Soldering Iron Kit (25–75 W)

- Includes attachments for soldering and hot air
- All-in-one ignition switch with one-handed operation
- Smaller for access into tight areas
- Fuel adjustment knob, conveniently located in the back of handle, for quick temperature adjustment
- Quick-release connector allows for quick accessory tip changeover without waiting for the tip to cool
- Magnetic stand is integrated into the bottom of tool and allows for vertical storage on side of the toolbox
- Fuel gauge window on both sides of the handle
- Cap safely shuts off the unit and protects the tip from accidental contact
- Soldering tips are iron and nickel plated with ceramic-coated metal catalyst and finished with a solder dip
- Unique storage solution neatly holds the torch, solder tube and accessories
- Product is non-returnable and may contain Butane which can explode unexpectedly; dispose of Butane in accordance within local regulations

Replacement Tips for YAKS22A

Stock No.	Description	Size, inches (mm)
YAKS221 ¹	Single Flat Solder Tip	1/32 (1.0)
YAKS222 ¹	Single Flat Solder Tip	3/32 (2.4)
YAKS223 ¹	Single Flat Solder Tip	1/8 (3.2)
YAKS224 ¹	Single Flat Solder Tip	3/16 (4.8)
YAKS225 ¹	Double Flat Solder Tip	1/32 (1.0)
YAKS226 ¹	Double Flat Solder Tip	3/32 (2.4)
YAKS227 ¹	Double Flat Solder Tip	1/8 (3.2)
YAKS228 ¹	Double Flat Solder Tip	3/16 (4.8)
YAKS229 ¹	Hot Air Blower Tip	—
YAKS2210 ¹	Hot Knife Tip	—
YAKS2211	Hot Air Blower Deflector	—
YAKS2212 ¹	Flame Tip	—
YAKS2213 ¹	Hot Air Blower and Deflector Tip	—



YAKS3001



YAKS3002



YAKS3004

Butane Soldering Iron Kit (YAKS300)

Stock No.	Description	Size, inches (mm)
YAKS3001	Heating Element	—
YAKS3002	Fine Solder Tip	1/8 (3.2)
YAKS3004	Double Flat Solder Tip	3/16 (4.8)

Butane Soldering Iron Kit (YAKS41)

Set Contains:

Stock No.	Description	
YAS41-1 ¹	1/32", 1.0 mm SF Solder Tip	
YAS41-3 ¹	1/8", 3.2 mm SF Solder Tip	
YAS41-4 ¹	3/16", 4.8 mm SF Solder Tip	
YAS41-5 ¹	1/32", 1.0 mm DF Solder Tip	
YAS41-6 ¹	3/32", 2.4 mm DF Solder Tip	•
YAS41-7 ¹	1/8", 3.2 mm DF Solder Tip	
YAS41-8 ¹	3/16", 4.8 mm DF Solder Tip	•
YAS41-9 ¹	Hot Air Blower	•
YAS41-10 ¹	Hot Knife Tip	
YAS41-11 ¹	Heat Deflector	
YAS41-12 ¹	Quick Release Tip Connector	
YAS41-2 ¹	3/32", 2.4 mm SF Solder Tip	
YAS41-12	Solder Tray and Sponge	•
YAKS41-4PK ¹	Butane Soldering Kit (4 pk)	

Colors Available



• 0 0 0
 ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

Butane Soldering Iron Kit (YAKS42)

Set Contains:

Stock No.	Description	
YAS42-1*	Soldering Iron and Cap	*
YAS42-1	Quick-Release Connector	*
YAS42-6 [†]	1/32" Double Flat Soldering Tip	*
YAS42-7 [†]	3/32" Double Flat Soldering Tip	*
YAS42-8 [†]	1/8" Double Flat Soldering Tip	*
YAS42-9 [†]	3/16" Double Flat Soldering Tip	*
YAS42-10 [†]	Hot Air Tip	*
YAS42-11	Plastic Welding Tip	*
YAS42-12	Solder Tray and Sponge	*
YAS42-13	Soldering Tube	*
YAS42-15	Storage Solution	*
YAS42-16	Universal Plastic Repair Rods (22 pack)	
YAS42-17	Brass Cleaning Brush	
YAS42-18	Cleaning Piston	
YAS42-19	Reinforcement Mesh	
YAS42-20	ABS Natural Plastic Repair Rods (22 pack)	
YAS42-21	ABS Plastic Repair Rods (22 pack)	
YAS42-22	Polypropylene Plastic Repair Rods (22 pack)	
YAS42-23	Polyethylene Plastic Repair Rods (22 pack)	
YAS42-24	Polyethylene Plastic Repair Rods (22 pack)	
YAS42-25	Universal Plastic Repair Rods (7 pack)	
YAS42-26 [†]	Hot Knife	*
YAS42-CMBPK [†]	Assorted Plastic Repair Rods (132 each)	
YAS42-STRPK [†]	Assorted Plastic Repair Rods (42 each)	
BUTANE15CSA [†]	Butane Fuel (Blue-Point®)	



YAKS42[†] Butane Gas Soldering Iron Kit (25–130 W)

- Includes attachments for soldering, hot air, hot knife and plastic welding
- All-in-one ignition switch with one-handed ignition operation
- Includes special tips to cut and weld multiple plastic types
- Fuel adjustment knob, conveniently located in the back of handle, provides quick temperature adjustment
- Quick-release connector allows for fast changing of accessory tips without waiting for the tip to cool
- Magnetic stand, integrated into the bottom of tool, allows for vertical storage on side of the toolbox
- Fuel gauge window on both sides of the handle
- Cap safely shuts off the unit and protects the tip from accidental contact
- Soldering tips are iron and nickel plated with ceramic-coated metal catalyst and finished with a solder dip
- Unique storage solution neatly holds the torch, solder tube and accessories
- Product is non-returnable and may contain Butane which can explode unexpectedly; dispose of Butane in accordance within local regulations

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



R460B

Guns

R460B[†] Heavy-Duty Soldering Gun Kit (Blue-Point®)

- Peak output of 200 watts for a variety of applications
- Built-in spotlight illuminates the work area
- Tip heats up in less than 10 seconds
- Balanced tool design for comfort and ease of use
- Soldering tips are designed to be changed with minimal effort
- Top of housing doubles as a convenient stand
- Includes blow molded storage case, soldering, smoothing and cutting tips
- UL® listed



R490

R490[†] Industrial Soldering Gun (Blue-Point®)

- Dual wattage elements: high wattage heats tip in seconds, lower wattage maintains rated tip temperature
- Effective tip temperature of 1,000 °F or more for heavy-duty, sustaining soldering
- Trigger-activated control is convenient, easy-to-use and provides instant response
- Built-in work light illuminates the work area
- Plug-in tip and element (TE) assemblies are plug-in units that can be changed within a minute
- Integral tool stand prevents heated part of the tool from damaging surrounding areas
- Plastic storage case
- UL® listed

R490400[†] Replacement Soldering Tip

- 150/400 W 1/4" replacement tip for the R490 Industrial Soldering Gun

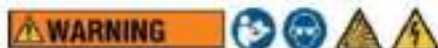
R490500[†] Optional Soldering Tip

- 330/550 W 1/2" optional replacement tip for the R490 Industrial Soldering Gun

R490400

R490500

• Wear face shield and protective clothing while working or soldering.
 • Read and follow all safety precautions accompanying the product.
 • Store at a temperature below 100 °F.
 • Dispose of butane in accordance with regulations.
 †These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages 81–82 for details.
 • Read Safety Precautions on pages 91–94



SOLDERING



R25A



R40B

Irons

R25A¹ Industrial Soldering Kit

- Lightweight 25 W pencil-style kit for fine soldering applications
- Threaded tips offer improved heat exchange
- Features a heat deflection shield, 4-3/4" long handle, 8-1/2" overall length and 8' power cord
- Includes pointed, chisel, fine tips, 1/2 oz of lead-free rosin core solder and holder
- UL[®] listed
- 120 V, 60 Hz

R40B¹ Industrial Soldering Kit

- 40 W soldering iron; ideal for large solder jobs like battery terminal cables or radiator repair
- Threaded tips offer improved heat exchange compared to set-screw types
- Features a heat deflection shield, 4-3/4" long handle, 8-1/2" overall length and 8' power cord
- Includes pointed, chisel, fine tips, 1/2 oz of lead-free rosin core solder and holder
- UL[®] listed
- 120 V, 60 Hz



TORCH2A



TORCH300



TORCH400

Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS

Butane Heating Torches

- One-hand design and operation for maximum flexibility
- Ultrasonically-welded gas tank in combination with robust burner head—made of stainless steel and ceramic materials—provides unmatched durability
- Ergonomic rubberized grip conforms to the hand
- Twin-spark ignition ensures that torch lights the first time, every time
- Powerful multi-directional flame can be utilized upside down and in windy conditions
- Self-venting filling valve for fast refueling

TORCH2A¹ Turbo Torch (Blue-Point™)

- Piezo ignition system
- Instant 1,300 °C/2,400 °F micro flame
- Pocket size
- Internal fuel tank
- 20 minutes of continuous use per refilling
- Product is non-returnable. May contain Butane which can explode unexpectedly. Dispose of Butane in accordance within local regulations

TORCH300¹ Butane Gas Torch

- Easily adjustable flame length—up to 3-1/2"
- Product is non-returnable and may contain Butane which can explode unexpectedly; dispose of Butane in accordance within local regulations

TORCH400¹ High-Power Butane Gas Torch

- Easily adjustable flame length—up to 4-1/2"
- Product is non-returnable and may contain Butane which can explode unexpectedly; dispose of Butane in accordance within local regulations

Butane Fuel Cans

BUTANE15CSA¹ Butane Fuel (Blue-Point®)

- Triple-filtered butane fuel for use with TORCH2A, TORCH3A, TORCH4 and TORCH6 mini torches; YAKS300, YAKS32A, YAKS42 and YAKS22A soldering irons; GLUEGUN3 and GLUEGUN4KT glue guns
- Universal filling tip can be used with most refillable butane products, as well
- Case of (24) 1.5 oz cans
- Product is non-returnable. May contain Butane which can explode unexpectedly. Dispose of Butane in accordance with local regulations

BUTANE15CSA



Tweezers

TZK5 5 pc Tweezers Set (Blue-Point®)

- Includes (5) tweezers in a vinyl zipper pouch
- All stainless steel construction
- Tweezers with sharp point, 4-1/2" long
- Self-closing tweezers with sharp point, 4-1/2" long
- Self-closing, heat-resistant flat nose, 7" long
- Sharp-point, pointed tip utility tweezers, 7" long



TZK5

TZK7 7 pc Tweezers Set (Blue-Point®)

- Includes (7) tweezers in a black vinyl zipper pouch
- All stainless steel construction
- Pointed tweezers, 4-3/8" long
- Curved-head utility tweezers, 6-3/4" long
- Self-closing, heat-resistant tweezers, 6" long
- Sharp, pointed utility tweezers, 7" long
- Side locking tweezers, 6" long
- Spade-point tweezers, 4-3/8" long
- Weighted solder tweezers, 6" long



TZK7

Soldering Clamps

SODC1¹ Soldering Clamp

- Makes soldering wires together easier; holds wires in place and into alignment accurately
- Thumbwheel allows for precise adjustment
- Compact design fits into tight spaces
- Holds wires in place without movement
- Lightweight aluminum will not tug on wires
- Quick "loading" and "unloading" of wire ends
- Wire gauge capacity 22-8 gauge

SODC1-3¹ Magnetic Holder for SODC1 Soldering Clamp



SODC1

Colors Available



- Wear face shield and protective clothing while welding or soldering.
- Read and follow all safety precautions accompanying the product.
- Store at a temperature below 120 °F.
- Dispose of butane in accordance with regulations.
- † These products may expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Procedures on pages W1-W4

SOLDERING ACCESSORIES



MPK4A

Miniature Tools/Pliers

- Stainless steel, three-notch ratcheting mechanisms lock onto small objects with varying degrees of pressure
- Tips measure 1/16", long jaws measure 1-3/8"
- **MPK4A 4 pc Mini-Pliers Set (Blue-Point™)**
- MPC7A and MPC10A, plus MPS7A and MPS10A in a black zipper pouch
- **MPC7A Mini-Pliers (Blue-Point™)**
- Curved serrated jaws
- 7" long
- **MPC10A 10" Curved Jaw Mini-Pliers (Blue-Point™)**
- Curved serrated jaws
- 10" long
- **MPS7A Mini-Pliers (Blue-Point™)**
- Straight serrated jaws
- 7" long
- **MPS10A Mini-Pliers (Blue-Point™)**
- Straight serrated jaws
- 10" long

WELDING STORAGE



KRBC60T



KRBC60TEXT

Welding Storage

KRBC60T Welding Workstation Cart

- 3/8" steel-plate work surface
- Four dual-purpose mounting locations serve as accessory mounts and wand holder
- HD textured black matte finish
- Large locking compartment stores two welders
- Slots-N-Dots™ rear panel accommodates many accessories
- Three drawers with liners and high-quality roller bearing slides
- Three large cord hooks included; extra hook kits available
- 50-3/4" W x 25-3/4" D x 37-1/2" H
- 1,000 lb load capacity

KRBC60TEXT¹ Welding Cart

Side Cabinet

- Mounts directly to the current KRBC60T Welding Cart
- Creates 50% additional steel work surface (500 in²)
- Slots-N-Dots™ rear and side panels for mounting additional accessories
- Cord slot in back for better organization of cords and plugs
- 25 x 15 x 25" storage compartment; perfect for adding a Plasma Cutter
- 4" drawer; 24.5 x 15.6 x 4.1" overall size

Welding Helmets, Auto-Darkening

Auto-darkening welding helmets are triggered automatically by UV light sources. Some models have adjustable sensitivity for various light conditions and an adjustable delay setting to maintain a dark state for extended periods of time. Fixed shade helmets offer a fixed #10 shade that is triggered automatically by UV light. Clear shade provides the operator visibility to line up work prior to welding.



EFPGREENSKL



EFPBLACKICE



EFP2MORBID



EFP2WFLAME



EFP2BSTRIFE

Specifications	EFPGREENSKL	EFPBLACKICE	EFP2MORBID	EFP2WFLAME ¹	EFP2BSTRIFE ¹
Shade	#9-13	#9-13	#9-13	#9-13	#9-13
Sensitivity	Yes	Yes	Yes	Yes	Yes
Delay	Yes	Yes	Yes	Yes	Yes
Clear Shade	4	4	4	4	4
Viewing Area, inches	3.62 x 1.42	3.62 x 1.42	3.82 x 2.36	3.94 x 2.36	3.94 x 2.26
Viewing Area, in ²	23	35.6	40	53.2	53.2
Number of Sensors	2	2	4	4	4
Delay Time(s)	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Switching Speed, ms	3	3	26	26	26
Power Supply	CR2450 Replaceable	CR2450 Replaceable	Lithium-Ion (auto on/off)	Lithium-Ion (auto on/off)	Lithium-Ion (auto on/off)
Applicable Standards	CE, CSA [®] , ANSI [®]	CE, CSA [®] , ANSI [®]	CE, CSA [®] , ANSI [®]	CE, CSA [®] , ANSI [®]	CE, CSA [®] , ANSI [®]
Optional Magnifying Lens	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5	1.0, 1.5, 2.0, 2.5
Warranty	2 Year (ADP) 1 Year (all others)	2 Year (ADP) 1 Year (all others)	2 Year (ADP) 1 Year (all others)	2 Year (ADP) 1 Year (all others)	2 Year (ADP) 1 Year (all others)



YA4601



YA4606



YA4608



YA4609



YA4610

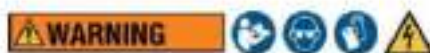


YA4615

Welding Helmets, Auto-Darkening

Specifications	YA4601 ¹	YA4606 ¹	YA4608 ¹	YA4609 ¹	YA4610 ¹	YA4615 ¹
Shade	Auto-Darkening #9-13	Auto-Darkening 5-8/9-13	Auto-Darkening 5-8/9-13 Digital Control	Auto-Darkening 5-8/9-13	Auto-Darkening #9-13 External Control	Auto-Darkening #9-13 External Control
Sensitivity	Adjustable	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob	Adjustable Knob
Delay	Adjustable	Adjustable Knob	Digital Adjustment	Adjustable Knob	Adjustable Knob	Adjustable Knob
Clear Shade	#3.5	#3.5	#3.5	#3.5	#3.5	#3.5
Viewing Area, inches	3.81 x 2.40	3.74 x 3.35	3.82 x 2.44	3.74 x 3.35	3.68 x 1.73	3.68 x 1.73
Viewing Area, in ²	9.14	12.53	9.32	12.53	6.14	6.14
Number of Sensors	4	4	4	4	2	2
Delay Time(s)	0.2-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0
Switching Speed, ms	0.04	—	—	—	—	—
Switching Speed, seconds	—	1/25,000	1/25,000	1/25,000	1/15,000	1/15,000
Power Supply	Solar-Lithium	Solar Cell, Battery, Replaceable (2 x CR2450 lithium batteries)	Solar Cell, Battery, Replaceable (1 x CR2450 lithium battery)	Solar Cell, Battery, Replaceable (1 x CR2450 lithium battery)	Solar Cell + Battery, Replaceable (2 x AAA Alkaline)	Solar Cell + Battery, Replaceable (2 x AAA Alkaline)
Opt. Magnifying Lens 1.5x/2.0x	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT	YA4600MAGKT
Applicable Standards	ANSI [®] , CE, DIN, EN, CSA [®] , AS/NZS	ANSI [®] , CE, CSA [®]	ANSI [®] , CE, CSA [®]	ANSI [®] , CE, CSA [®]	ANSI [®] , CE, CSA [®]	ANSI [®] , CE, CSA [®]
Warranty	2 Year	2 Year	3 Year	2 Year	1 Year	1 Year

CE - English Only



- Wear welding helmet and protective clothing while welding or cutting.
- Follow all safety precautions for welding and cutting.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

WELDING HELMETS



YA4612



YA4617



WELDIGNPHNTM



WELDIGNSKULL

Welding Helmets, Auto-Darkening

Specifications	YA4612 ¹	YA4617 ¹	WELDIGNPHNTM ¹	WELDIGNSKULL ¹
Shade	Auto-Darkening 5-8/9-13	8/9-13	Auto-Darkening 5-8/9-13	Auto-Darkening 5-8/9-13
Sensitivity	Adjustable Knob	Low-High, Adjustable Knob	Low/High, 5 Levels, Push Button	Low/High, 5 Levels, Push Button
Delay	Adjustable Knob	0.1-1.0 Seconds, Adjustable Knob	—	—
ADF Darkening Levels	5-8/9-13	9-13	8-13	8-13
ADF Viewing Area, inches	3.74 x 3.35	3.78 x 2.09	3.74 x 3.23	3.74 x 3.23
Clear Shade	#3.5	#3.5	#4.5	#4.5
Viewing Area, inches	3.74 x 3.35	3.75 x 2.05	—	—
Viewing Area, inches ²	12.53	7.69	34.08	34.08
Number of Sensors	4	4	4	4
Delay Time(s)	0.1-1.0	0.1-1.0 Seconds	0.1-1.0	0.1-1.0
Switching Speed, ms	—	0.4	0.04	0.04
Switching Speed, seconds	1/25,000	1/25,000	1/25,000	1/25,000
Power Supply	Solar Cell, Battery, Replaceable (1 x CR2450 lithium battery)	Solar Cell, Battery, Replaceable (CR2450 lithium battery)	Solar-Lithium with Battery Back-up	Solar-Lithium with Battery Back-up
Applicable Standards	ANSI [®] , CE, CSA [®] Approval	ANSI [®] , CE, CSA [®] , IAC/CA Approval	ANSI [®] , CSA [®] Approval	ANSI [®] , CSA [®] Approval
Side Shade Viewing Area, inches	—	—	10" x 4 x 2.75	10" x 4 x 2.75
Opt. Magnifying Lens 1.0x	—	—	EFPADFCSTR10	EFPADFCSTR10
Opt. Magnifying Lens 1.5x	—	—	EFPADFCSTR15	EFPADFCSTR15
Opt. Magnifying Lens 1.5x/2.0x	YA4600MAGKT	YA4600MAGKT	—	—
Opt. Magnifying Lens 2.0x	—	—	EFPADFCSTR20	EFPADFCSTR20
Opt. Magnifying Lens 2.5x	—	—	EFPADFCSTR25	EFPADFCSTR25
Warranty	2 Year	1 Year	—	—

Welding Helmets, Fixed Shade

- Made of nylon material
- Helmet is much more flexible to get into tighter spaces
- Additional 1-1/4" of material on the top of the helmet for more coverage
- Cooler for the user as it will not heat up as much as an ABS version
- Lighter weight and much more resistant to heat



YA4614



YA4616

Specifications	YA4614 ¹	YA4616 ¹
Shade	Auto-Darkening 5-8/9-13	Auto-Darkening 5-8/9-13
Viewing Area, in ²	12.53	12.53
Applicable Standards	ANSI [®] , CE, CSA [®] Approval	ANSI [®] , CE, CSA [®] Approval
Optional Magnifying Lens 1.5x/2.0x	YA4600MAGKT	YA4600MAGKT
Clear Shade	#3.5	#3.5
Delay	Adjustable Knob	Adjustable Knob
Delay Time, Seconds	0.1-1.0	0.1-1.0
Grind Mode	Yes (External)	Yes (External)
Number of Sensors	4	4
Warranty	2	2
Power Supply	Solar Cell, Battery, Replaceable (1 x CR2450 lithium battery)	Solar Cell, Battery, Replaceable (1 x CR2450 lithium battery)
Sensitivity	Adjustable Knob	Adjustable Knob
Switching Speed, seconds	1/25,000	1/25,000

CE - English only

WELDING HELMETS



EFPANNIBALB



EFPBONEHEDB



EFP5HRED

Welding Helmets, Fixed Shade

- Made of nylon material
- Helmet is much more flexible to get into tighter spaces
- Additional 1-1/4" of material on the top of the helmet for more coverage
- Cooler for the user as it will not heat up as much as an ABS version
- Lighter weight and much more resistant to heat

Specifications	EFPANNIBALB	EFPBONEHEDB	EFP5HRED ¹
Lens Style	180° Peripheral	180° Peripheral	180° Peripheral
Shade	#10	#10	#10
Viewing Area, in ²	8.5	35.8	35.8
Applicable Standards	ANSI ²	ANSI ²	ANSI ²
Lens (Included)	EFP10WLDLENS, EFPCLLENSREP	EFPCLLENSREP	EFPCLLENSREP
Opt. Magnifying Lens 1.0x	EFPADFCSTR10	EFPADFCSTR10	EFPADFCSTR10
Opt. Magnifying Lens 2.0x	EFPADFCSTR20	EFPADFCSTR20	EFPADFCSTR20
Opt. Magnifying Lens 2.5x	—	EFPADFCSTR25	EFPADFCSTR25
Opt. Magnifying Lens 1.5x	—	EFPADFCSTR15	EFPADFCSTR15
Opt. Auto Darkening Lens	EFPADFLENSA	EFPADFLENSA	EFPADFLENSA
Adjustable Headband	Yes	Yes	Yes
Shield Style	180° Peripheral	180° Peripheral	180° Peripheral
Headband	Yes	Yes	Yes
Impact Resistance	Yes	Yes	—
Warranty	1 Year	1 Year	1 Year
Shield Included	Clear and #10 Welding	Clear and #10 Welding	Clear and #10 Welding
Replacement Shields	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)	EFPCLLENSREP (Clear); EFP3WLDLENS (#3 Welding); EFP5WLDLENS (#5 Welding); EFP8WLDLENS (#8 Welding); EFP10WLDLENS (#10 Welding); EFP12WLDLENS (#12 Welding)

CE—English only

WELDING ACCESSORIES

EFP Series Welding Lenses

Optional and auto-darkening lenses are available for all EFP series helmets.

EFPADFLENSA Auto-Darkening Lens

- The world's first and only unobstructed ADF-integrated 180° peripheral vision ADF welding lens
- Has a military-grade anti-scratch coating
- ADF lens is easily replaceable
- 4-1/4 x 2" viewing area
- Solar-lithium combo power supply
- One year warranty



EFPADFLENSA

EFP3WLDLENS #3 Welding Lens

EFP5WLDLENS #5 Welding Lens

EFP8WLDLENS #8 Welding Lens

EFP10WLDLENS #10 Welding Lens

EFP12WLDLENS #12 Welding Lens

EFPCLLENSREP EFP Clear Lens Replacement

EFPADFCSTR10 Cheater Lens with 1.0 Magnification

EFPADFCSTR15 Cheater Lens with 1.5 Magnification

EFPADFCSTR20 Cheater Lens with 2.0 Magnification

EFPADFCSTR25 Cheater Lens with 2.5 Magnification

Magnifying Lens

YA4600MAGKT Magnifying Lens Kit

- Comes complete with 1.5X and 2.0X magnifying lenses and lens holder
- Optional accessory provides additional magnification for YA Series



YA4600MAGKT

Welding Hammer

WCH3 11" Welder's Chipping Hammer (Blue-Point™)

- Features a pick end and a 3/4" chisel head end
- Heat-treated high-alloy steel for long life
- 11" overall length
- 7-1/2" head length



WCH3



- Wear welding helmet and protective clothing while welding or cutting.
- Follow all safety precautions for welding and cutting.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

WELDING CLAMPS



CL402A

C-Clamps

- Equipped with anti-spatter spindles, precision cut from hardened steel
- Forged frames have extra-deep throats for additional strength and work capacity
- Grooved anvil, in combination with a serrated pad, provides a nonslip grip on various metal surfaces
- Spindles, handles and pads are copper plated to avoid collecting spatter

Stock No.	Capacity, inches	Throat Depth, inches
CL402A ²	0-2	2
CL403A ²	0-3	2-1/2
CL404A ²	0-4	2-7/8
CL406A ²	0-6	3-5/8
CL408A ²	0-8	4-1/2
CL410A ²	2-10	5-3/8
CL412A ²	2-12	5-3/4



VGP12212

Large Jaw

VGP12212 Large Jaw Locking Pliers (Blue-Point[®])

- Multipurpose tool with a larger jaw capacity for general maintenance and screw-in oil filter removal

Stock No.	A, Jaw Cap., inches (mm)	B, Length, inches (mm)
VGP12212	3-75/16 (100)	12 (300)



CL404VIS

High-Visibility C-Clamps

- Similar to CL Series C-clamps
- High-visibility models conform to the OSHA[®] safety hazard standard for physical hazards regulation #19110.144
- 3/4" spindle diameter

Stock No.	Capacity, inches	Throat Depth, inches
CL404VIS ¹	0-4-1/2	3-1/4
CL406VIS ¹	0-6-7/16	3-5/8
CL408VIS ¹	0-8-1/4	5



VGP104

Auto Body/Welding Set

VGP104 Autobody/Welding Locking Pliers Set (Blue-Point[®])

- Includes a VGP23312 Self-Leveling Jaws Pliers, VGP13709 Plugweld Pliers, plus VGP14412 and VGP12406 C-Clamp Pliers (4 pc) in a VGP1041 Kit Bag



VGP12412

Locking C-Clamps, Standard Tip

- Clamps offer quick and easy handling for auto body and metal fabrication applications

Stock No.	A, Jaw Cap., inches (mm)	B, Length, inches (mm)
VGP12406	2-5/16 (60)	6 (152.4)
VGP12412	3-15/16 (100)	12 (304.7)
VGP12418	10-1/4 (260)	18 (457.2)
VGP12424	15-11/16 (400)	24 (609.6)



VGP22418

Locking C-Clamps, Swivel Tip

Stock No.	A, inches (mm)	B, inches (mm)
VGP22406	1-15/16 (50)	6 (152.4)
VGP22412	3-15/16 (100)	12 (304.7)
VGP22418	9-7/16 (240)	18 (457.2)
VGP22424	15-11/16 (400)	24 (609.6)

WELDING CLAMPS



VGP23312

Locking Clamps, Self-Leveling Jaws

VGP23312 Locking Clamp Self-Leveling Jaws (Blue-Point®)

- Swivel pads and narrow jaw profile firmly grip tapered surfaces in areas where C-clamps cannot fit



VGP12509

Locking U-Clamp

VGP12509 Locking U-Clamps (Blue-Point®)

- U-shaped jaws allow access and visibility when welding



VGP13709

Locking Pliers, Plug Weld

VGP13709 Locking Pliers/Plug Weld (Blue-Point®)

- Copper alloy knurled pad prevents burn through when plug welding thin sheet metal



VGP14412

Locking C-Clamp, Aluminum Alloy

VGP14412 Locking C-Clamp, Aluminum Alloy (Blue-Point®)

- Lightweight aluminum jaw will not bend or distort body panels
- Welding pellets will not adhere to the jaw



VGP13420

Locking C-Clamp, Long Reach

VGP13420 Locking C-Clamp/Long-Neck (Blue-Point®)

- Wide profile with perforated jaws allows clamping around large objects with uniform tension distribution



VGP12808

Locking Clamp, Sheet Metal

VGP12808 Locking Clamps/Sheet Metal (Blue-Point®)

- Wide jaws allow clamping, bending, forming and crimping of sheet metal without gripping effort

Welding Clamps, Miniature

- Micro size for optimal access into confined spaces
- Aluminum alloy body ensures robustness with minimal weight, while resisting splatter and corrosion
- Design permits exertion of 1/2 ton of force without deformation
- Perforated jaw allows attachment to fixtures and connection of ground cables
- One-hand "no pinch" clamping and release

MG2000K Micro-Grip Locking Clamp Set (Blue-Point®)

- Includes (4) Micro-Grip Clamps

PUL3100 Sheet Metal Hook Set

PUL4145 Double Grab Hook Assembly

PUL5800 10-1/2" G Clamp



MG2000K



PUL3100



PUL4145



PUL5800

DENT PULLERS/ACCESSORIES

Portable Dent-Pulling System

ADPKITJR Aluminum Panel Dent Puller Kit

- Essential tools for pulling dents on aluminum vehicles
- Kit includes a power supply to weld studs for dent pulling
- High-capacitive discharge stud welder automatically welds the stud when pushed onto a panel
- Three ground lugs—integrated in the gun—help keep the studs perpendicular to the panel
- Includes a lever puller, squeeze puller and hand t-puller for a variety of dents, creases and dings
- Complete consumable kit with (250) Al-Mg stud pins for 5000 Series and (250) Al-Si stud pins for 6000 Series aluminum panels
- Contains (5) quick-clamp pulling fingers and (5) twist eyelets
- Variable-temperature heat gun with infrared thermometer heats panels prior to straightening
- Stainless steel brushes to prep a panel prior to aluminum stud welding by removing oxidization
- Optional recommended accessories include MIGCARTC Welding Cart, ADP265-BP Bridge Puller, BF775-C Handle and 14V12 File



ADPKITJR



- Do not overload clamps.
- Follow all safety precautions while welding and cutting.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4.

DENT PULLERS/ACCESSORIES



ADPKIT

Portable Dent-Pulling System

ADPKIT Aluminum Panel Dent Puller Kit

- Essential tools for pulling dents and repairing aluminum vehicles
- Complete tool set includes a power supply to weld studs for dent pulling
- High-capacitive discharge stud welder automatically welds the stud when pushed onto a panel
- Three ground lugs—integrated in the gun—help keep the studs perpendicular to the panel
- Includes a bridge puller, lever puller, squeeze puller and t-handle puller for a variety of dents, creases and dings
- Complete consumable kit with (250) Al-Mg stud pins for 5000 Series and (250) Al-Si stud pins for 6000 Series aluminum panels
- Contains (5) quick-clamp pulling fingers and (5) each twist eyelets

- Includes a pneumatic solid rivet gun, flush set, a punch and bucking bar to remove and install solid rivets
- Includes self-piercing rivet removal and installation tools
- Door and step flange pneumatic hemming tools are specific to aluminum panels
- Complete body hammer and dolly set with rubber covers minimize stretching
- Includes offset aviation snips, clekos, 1/4" drill bits and aluminum panel thickness gauge
- Variable-temperature heat gun with infrared thermometer to heat panels prior to straightening
- Drawers have foam inserts to hold tools, keeping them isolated from steel panel use
- Set of (7) locking C-clamp pliers
- Includes a dust cover to protect the contents when not in use

Dent Puller Accessories

Stock No.	Description	Qty	Location
ADP245-DR1	Foam Insert - Drawer #1	1	Drawer #1
BF608B	Short Curve Cross Peen Hammer	1	Drawer #1
BF611B	Picking and Dinging Hammer	1	Drawer #1
BF617B	Shrinking Hammer	1	Drawer #1
BF710B	1.65 lb Steel Toe Dolly	1	Drawer #1
BF711B	2-1/4 lb Steel Heel Dolly	1	Drawer #1
BF712B	2-1/4 lb Steel General Purpose Dolly	1	Drawer #1
BF716B	10" Light Dinging Spoon	1	Drawer #1
H9SE10	10 cc Stroke Soft Grip Dead Blow Hammer	1	Drawer #1
DFXDF900BHND	Bolster Head Nylon Chisel	1	Drawer #1
DFXDF900DEND	Double End Nylon Dolly	1	Drawer #1
DFXDF900RHND	Round Head Nylon Chisel	1	Drawer #1
STK35011	Heel Dolly Cover	1	Drawer #1
STK35012	Heel Dolly End Cover	1	Drawer #1
STK35013	Universal Dolly Cover	1	Drawer #1
STK35015	Slapping Spoon Cover	1	Drawer #1
STK35017	Toe Dolly Cover	1	Drawer #1
STK35025	Hammer Cover	1	Drawer #1
ADP245-DR2	Foam Insert - Drawer #2	1	Drawer #2
AT1141A31/4	Knockout Punch	1	Drawer #2
AT1556MHD	1/4" Long-Neck 0-12" Cleko	12	Drawer #2
AT1719	Bucking Bar	1	Drawer #2
DBD1/4A1	1/4" Double Ended 135° Split Point Drill Bit	1	Drawer #2
DEBUR300	Deburring Tool	1	Drawer #2
L5T91318P	283 Series US Standard Gauge	1	Drawer #2
ATIATC3X	Rivet Guns - Pistol Grip	1	Drawer #2
AVSNP01150	Offset Aviation Tin Snips, Left Cut (Blue-Point®)	1	Drawer #2
AVSNP01160	Offset Aviation Tin Snips, Right Cut (Blue-Point®)	1	Drawer #2
STK21960	Spr Insertion Tool	1	Drawer #2
STK21970	Spr Extraction Tool	1	Drawer #2
ACS9C	Stainless Steel Wire Brush (Blue-Point®)	1	Drawer #3
ACS5C	Hand Scratch Brush (Blue-Point®)	1	Drawer #3
ADP245-DR3	Foam Insert - Drawer #3	1	Drawer #3
ET1300	Heat Gun	1	Drawer #1

C E - CE - DE, ES, FR, IT, GB, NL, JP

Stock No.	Description	Qty	Location
RTEMP8	Multi-Laser Infrared Thermometer	1	Drawer #3
PT280-305-23	Stainless Steel Wire Wheel (Coarse)	1	Drawer #3
PTGR280SF	Crat Thru® Removal Air Tool	1	Drawer #3
AT1107A-1	Flush Set Straight	1	Drawer #4
AT150850	Sheet Holder Pliers with Grips	1	Drawer #4
STK21892	Door Flanging Tool	1	Drawer #4
STK21896	Stepped Flanging Tool	1	Drawer #4
14V	14" Curved Tooth File, 8 TPI	1	Drawer #4
14V12	14" Curved Tooth File, 12 TPI	1	Drawer #4
ADP245-DR4	Foam Insert - Drawer #4	1	Drawer #4
AT615K	Belt Sander Kit	1	Drawer #4
ATBA3818120	Coated Abrasive Sanding Belt (Blue-Point®)	1	Drawer #4
ATBA381860	Coated Abrasive Sanding Belt (Blue-Point®)	1	Drawer #4
ATBA381880	Coated Abrasive Sanding Belt (Blue-Point®)	1	Drawer #4
BF775C-A	Flexible File Holder (Blue-Point®)	1	Drawer #4
VGP13420	Locking C-Clamp/Long-Neck (Blue-Point®)	1	Drawer #5
VGP22406	Locking C-Clamp/Swivel Tip Pliers (Blue-Point®)	2	Drawer #5
VGP22412	Locking C-Clamp/Swivel Tip Pliers (Blue-Point®)	2	Drawer #5
VGP22418	Locking C-Clamp/Swivel Tip (Blue-Point®)	2	Drawer #5
ADP245	Aluminum Panel Dent Puller	1	Side Shelf
ADP245-ALMG	Stud Pins, AL-MG, 500 pack	1	Drawer #2
ADP245-ALSI	Stud Pins, AL-SI, 500 pack	1	Drawer #2
ADP245-BP	Bridge Puller	1	Top Shelf
ADP245-LP	Lever Puller	1	Top Shelf
ADP245-SP	Squeeze Puller	1	Top Shelf
ADP245-TP	Hand T-Puller	1	Top Shelf
ADP245-CVR	Cover	1	—
ADP245-PF	Pulling Finger	1	Drawer #2
ADP245-TWP	Eyelet Twist Pullers, 5 pack	1	Drawer #2
KR5C326FPB0	32" Six-Drawer Compact Roll Cart	1	—
ADPSHELF	Welder Shelf, Cord Wrap Hook and Accessory Adapter	1	Drawer #1

C E - CE - DE, ES, FR, IT, GB, NL, JP



YA22345KT



YA223453

Stud Gun Dent Pullers

YA22345 Stud Gun

- Welds draw pins to surfaces
- Low heat tool eliminates "burn-through" during weld process
- Power requirements are 120 V AC/Single Phase/60 Hz/15 A

YA22345KT Stud Gun Dent Puller Kit

- Kit includes a stud gun, welding tips, slide hammer and T-puller
- Used to pull dents by welding pins to the work piece
- Stud gun uses minimal heat to reduce burn through

YA223451 Draw Pins (2 mm)

- Soft for easy flexing and grinding
- Delivers 500 lb pull
- Pack of 500

YA223452 Draw Pins (2.5 mm)

YA223453 Magna Clamp

- Features a wing nut and is self-tightening
- Locks onto draw pins for pulling dents

YA223454 T-Puller

- Compact for small damage repair on lightweight metal
- Helps reduce overpull

YA223455 Slide Hammer

- Polished steel bar with a rubber handle ensures positive pulling action

YA223456 Shrinking Electrode

- Provides fast heat

YA223457 Pin Electrode

- Holds all standard size pins

YA223458 Trim Rivets

- Used to repair metal trim strips
- Weld onto a panel and provide permanent retention to a trim strip
- Pack of 500

YA223459 Rivet Electrode

- For use with YA223458 Trim Rivets
- Retains a trim rivet for welding

Portable Dent Puller Accessories

YA2235CART Accessory Cart

- Adds additional height and portability

YA2351[†] Welding Tip

- Optional long stud welding tip

YA2353[†] Heating Tip

- Replacement heat shrink heating tip

YA2355[†] Star Tips

- Replacement tips (10 pk) for YA22350C, YAH22350C and YA223005

YA2358[†] Magnetic Base

- Replacement magnetic ground clamp

YA223008[†] Prybar

- Replacement prybar for YA22375 and AH22375; optional for YA22350C and YAH22350C

YA223007[†] Replacement Switch

- Replacement push-button switch for the welding gun included with the YA22300A Standard-Duty Spot Welder, YA223004 Welding Cable Assembly and the YA223005 Dent Puller Kit



YA2235CART



YA2355



YA2353



YA2358

Portable Dent-Pulling System

- Easily pulls dents on roofs, hoods and side panels
- Star tip design eliminates the need to drill holes or cut pin heads
- Built-in slide hammer speeds up the pulling process (YA22350C only)



YA22375



YA22350C

Stock No.	Type	Primary Voltage	Line Fuse	Power Input Cable, feet (m)	Power Lead Length, feet	Ground Cable Length, feet	Shipping Weight, lb
YA22350C [†]	Star Tip	120 V AC, 50/60 Hz	30 A	25 (7.6)	7	7	64
YA22375 [†]	T-Handle	120 V AC, 50/60 Hz	30 A	25 (7.6)	10	7	64
YAH22350C [†]	Star Tip	208/230 V AC, 50/60 Hz	30 A	25 (7.6)	7	7	64
YAH22375 [†]	T-Handle	208/230 V AC, 50/60 Hz	30 A	25 (7.6)	7	7	64



- Read and follow safety precautions for Portable Dent Puller System components and for roll cabinets.
- Dent pull gun and accessories are for use on sheet metal only.
- Do not overload roll cabinet or open multiple drawers.
- †These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages B1–P2 for details.
- Read Safety Precautions on pages W1–W4.

DENT PULLERS/ACCESSORIES



YA22351

Quick Claw Dent-Pulling System

YA22351[†] Quick Claw Dent-Pulling Set

- For use with YA22350C, YAH22350C, YA22375 and YAH22375
- Used to establish multiple pull points along dents
- Independent finger action of claw varies the pulling force at multiple points
- Can pull by hand, slide hammer or chain
- Comes with a claw, (2) tips and (24) wires

YA22352[†] Claw Handle

- Four-finger claw pulling handle

YA22353[†] Welder Tips

- Welding tips for YA22354 Weld Wires

- Set includes (2) tips

YA22354[†] Weld Wires

- 1/2 lb welding wires
- Set includes (24) wires

SPOT WELDERS



YA22300A

YA22355

Spot Welders

Stock No.	Primary Voltage	Line Fuse	Maximum Output	Maximum Thickness	Cooled Metal Capability	Kvo Rating	Shipping Weight, lb
YA22355	208/230 V AC	60 A	6,000 Amps	3 Piece, 29 Gauge	Yes	6	300
YA22300A	208/230 V AC	60 A	2,800 Amps	2 Piece, 23 Gauge	No	4	120

YA22300A[†] Standard-Duty Spot Welder

- Produces spot welds for collision repair
- Squeeze-type action produces factory-style welds
- Optional accessories can increase welding capability

YA22355[†] Heavy-Duty Liquid-Cooled Spot Welder

- Designed to produce factory-type spot welds on low-carbon steel panels
- Pneumatic squeeze-type gun welds through primers, sealers, and adhesives between panels
- Features coolant circulation throughout the welding tips for consistent and maximum weld penetration
- Included accessories: 14" long reach electrode and a wheelhouse electrode

Spot Welder Accessories

YA2230010[†] Welding Tip Kit

- Contains replacement welding tips for the YA223004 Welding Cable Assembly and the YA223005 Dent Puller Kit

YA223004A[†] Welding Cable Assembly

- Accessory welding cable assembly for the YA22300A Standard-Duty Spot Welder
- Allows welding from a single side, such as door skins and other applications

YA22357[†] Trigger Switch

- Replacement switch

YA223005B[†] Dent Puller Kit

- Fast, effective dent repair without drilling holes or using draw pins

YA22356[†] Handle

- New style handle to house the improved YA22357 Trigger Switch
- Can be retrofitted to older models

YA223001[†] Welding Tip

- Long spot welding tip for the YA22300A Standard-Duty Spot Welder

YA223002[†] Welding Tip

- Short spot welding tip for the YA22300A Standard-Duty Spot Welder

YA223006[†] Welding Tip

- Replacement welding tip for the YA223004 Welding Cable Assembly

YA223007[†] Replacement Switch

- Replacement push-button switch for the welding gun included with the YA22300A Standard-Duty Spot Welder, YA223004 Welding Cable Assembly and the YA223005 Dent Puller Kit

YA223008[†] Prybar

- Replacement prybar for YA22375 and YAH22375; optional for YA22350C and YAH22350C

YA223009[†] Welding Tip

- Drip rail spot welding tip for the YA22300A Standard-Duty Spot Welder



YA223005B



YA223007

Liquid Cooled Spot Welder Accessories

YA26143[†] Long-Reach Wheelhouse Replacement Tips

- For use with the YA22355 Heavy-Duty Liquid-Cooled Spot Welder
- 2 pack

YA26144[†] Standard Wheelhouse Replacement Tips**YA2097335[†] J-Shaped Wheelhouse Replacement Tips**

WHEEL BALANCING: BALANCERS

Wheel Balancers

Snap-on® Wheel Balancers use a patented Virtual Plane Measurement system to achieve accuracy and repeatability. A variety of weight placement options, such as Static, Dynamic, five ALU modes, ALU-S, hidden spoke

and match mounting optimization modes, provide the versatility for these balancers in a variety of applications on passenger cars, light trucks and commercial vehicles.



EEWB330B



EEWB331B



EEWB332B



EEWB334A

- Easy-to-use display panel includes individual keys for parameter input
- Static mode for single-plane narrow wheels
- Dynamic mode for dual-plane balancing
- SAPE arm accelerates set-up time without entering the wheel type
- Five ALU-S modes provide multiple combinations of hammer and adhesive weight placements
- ALU-S mode provides two-plane ALU weight placement

- Match mount-optimization feature determines proper phasing between the tire and wheel, and allows minimal weight usage
- Hidden weight mode for weight placement behind the spokes
- Multiple operator feature stores parameters for up to four individual operators
- Fine weight toggle allows the operator to choose between 0.25 oz Standard mode and 0.05 oz Fine mode
- Allows use of common adaptors and pin plates

Specifications	EEWB330B	EEWB331B	EEWB332B	EEWB334A
Type	Hand Spin	Motorized	Motorized	Motorized
Display Type	Digital	Integrated LED	Raised LED	Touchscreen
Data Entry Distance/Diameter	SAPE Arm	SAPE Arm	SAPE Arm	SAPE Arm
SAPE Entry Width	Manual	Manual	Sonar	Sonar
Weight Placement	SAPE	SAPE	Laser	Laser
Rim Width (Maximum), inches (mm)	20 (508)	20 (508)	20 (508)	20 (508)
Rim Diameter, inches (mm)	8-30 (203-762)	8-30 (203-762)	8-30 (203-762)	8-30 (203-762)
Max Wheel Weight, lb (kg)	120 (54)	120 (54)	154 (70)	154 (70)
Max Tire Diameter, inches (mm)	42 (1,067)	42 (1,067)	42 (1,067)	42 (1,067)
Max Wheel Width, inches (mm)	20 (508)	20 (508)	20 (508)	20 (508)
Cycle Time, seconds	15	11	4.5	4.5
Measuring Speed, RPM	100	100	200	200
Weight Placement Resolution	± 0.7"	± 0.7"	± 0.7"	± 0.7"
Weight Imbalance Resolution (roundoff mode), oz (g)	0.25 (7.1)	0.25 (7.1)	0.25 (7.1)	0.25 (7.1)
Weight Imbalance Resolution (non-roundoff mode), oz (g)	0.05 (1.42)	0.05 (1.42)	0.05 (1.42)	0.05 (1.42)
Electrical Requirements, V AC/Ph/Hz/A	115/1/60/2	115/1/60/3	115/1/60/6	115/1/60/6
Required Work Area (W x D), inches (mm)	52 x 48 (1,321 x 1,219)	60 x 48 (1,524 x 1,219)	62 x 67 (1,575 x 1,702)	62 x 67 (1,575 x 1,702)
Machine Weight, lb (kg)	174 (79)	280 (127)	325 (147)	325 (147)

Technical Support: 800-225-5786

EEWB330B Hand Spin Wheel Balancer

- Small footprint hand spin wheel balancer with features seen on most high-end machines

EEWB331B Motorized Wheel Balancer

- Small footprint motorized wheel balancer with features of most high-end machines

EEWB332B Motorized Wheel Balancer with Raised Display

- Medium footprint motorized wheel balancer with a high-end feature set with faster throughput times
- Laser-guided weight placement on the inside of the wheel

EEWB334A Motorized Wheel Balancer with Touchscreen Video Display

- Motorized wheel balancer that features extremely fast data entry, low cycle times with an improved user interface making this a top choice for shops

Standard Accessories

Stock No.	Description
EAM0003J69A	3.4-5.4" Cone
EAM0005D25A	3.8-4.5" Cone
EAM0005D24A	2.8-3.9" Cone
EAM0005D23A	1.8-3.0" Cone
EAA0263G66A	40 mm Quick Nut

Technical Support: 800-225-5786

Stock No.	Description
EAC0058D08A	Pressure Disk
EAC0058D15A	Soft Protector Ring
EAM0021D90A	Standard 40 mm Stub Shaft
WWPR13A	Wheel Weight Pliers
EAA0247G21A	Rim Width Caliper
EAC0058D07A	Cup, Pressure

Technical Support: 800-225-5786



- Wear face shield and protective clothing while welding or cutting.
- Do not allow bystanders while welding or cutting.
- Follow all safety precautions for welding and cutting.
- Read and follow safety messages in instructions.
- Read Safety Precautions on pages W1-W4.

WHEEL BALANCING ACCESSORIES



WWH13LG

WWH13SM



WWH36HD

WWPR13A



EAA0260D80A



EAA0277D03A



EAA0277D05A



EAA0277D07A



EAA0277D22A

Wheel Balancing Accessories

WWH13LG[†] Wheel Weight Hammer (Blue-Point[®])

- Designed for use on steel and zinc clip-on wheel weights
- Soft hammer face to avoid scratches and dings
- Solid handle resists most shop chemicals and has a nonslip grip
- Replaceable cold-rolled steel hook assembly to ensure long service life
- Works best on domestic brands that use traditional dimension dismount holes

WWH13SM[†] Wheel Weight Hammer (Blue-Point[®])

- Designed for use on steel and zinc clip-on wheel weights
- Soft hammer face to avoid scratches and dings
- Solid handle resists most shop chemicals and has a nonslip grip
- Replaceable cold-rolled steel hook assembly to ensure long service life
- Specially designed small diameter dismounting hook is used on wheel weights with smaller dimension dismount holes

WWH36HD[†] Wheel Weight Hammer (Blue-Point[®])

- Heavy-duty wheel weight hammer for truck and high volume tire shops
- Heavy-duty Nuplaglas[®] handle is chemical-resistant and features non-slip cushioned grip
- 30 oz head weight for working on larger vehicles
- Soft, replaceable hammer face avoids scratches and dings to rim
- Removes perfect-style wheel weights without touching rim of vehicle
- Removes larger v-clips found on medium-duty truck rims

WWPR13A Wheel Weight Pliers

- Easily removes and replaces wheel weights, as well as cutting and crimping
- Made of heat-strengthened steel
- Comfortable vinyl handle grips and replaceable hard plastic hammer tip

WWPR13-3 Replacement Hammer Tip (For WWPR13A) (Blue-Point[®])

- For WWPR13A

Wheel Balancing Accessories: Motorcycles

EAA0260D80A Optional Motorcycle Adaptor For Snap-on[®] Wheel Balancers

- Holds motorcycle wheel and tire assembly into position and eliminates wobble
- Comes complete with 14 mm shaft (210 mm long) plus spacers and cones
- Maximum wheel diameter of 27-1/2"
- Wheel width capacity is determined by measuring from the furthest edge of sidewall on the INSIDE of tire to the OUTSIDE of hub on opposite side of rim—dimension needs to be less than 210 mm (or 311 mm with optional 3/4" shaft)
- Kit also contains a SAPE arm extension
- Works with all Snap-on[®] wheel balancers

EAA0277D03A 10 mm Shaft Assembly

- 10 mm shaft assembly

EAA0277D05A Scooter Adaptor

- Scooter adaptor

EAA0277D07A Suzuki[®], Moto Guzzi[®] V11 14 mm Shaft Cone set

- Suzuki[®], Moto Guzzi[®] V11 14 mm shaft cone set

EAA0277D09A Honda[®]/Yamaha[®] Monolever Adaptor Flange

- Honda[®]/Yamaha[®] monolever adaptor flange

EAA0277D20A Ducati[®]/Triumph[®] Adaptor Set

- Ducati[®]/Triumph[®] adaptor set

EAA0277D22A Harley-Davidson[®] 3/4" Shaft Adaptor – 311.2 mm Long

- Harley-Davidson[®] 3/4" shaft adaptor
- 311.2 mm long

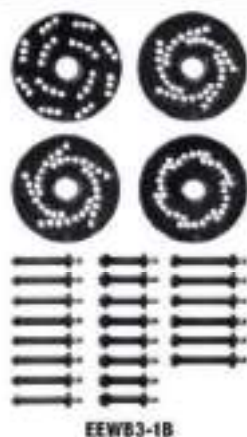
EAA0260D16A BMW[®] Adaptor for Monolever Wheels

- BMW[®] adaptor for monolever wheels

EAA0277D11A Aprilia[®] Monolever Adaptor Flange

- Aprilia[®] monolever adaptor flange

WHEEL BALANCING ACCESSORIES



EEWB3-1B



EEWB3-4A



EEWB3-5A



EAA0255J33A



EAK0309J61A

Balancer Pin Plate Kits

Stock No.	Description	EEWB3-1A
EEWB3-11B	Adaptor Plate #1	•
EEWB3-12B	Adaptor Plate #2	•
EEWB3-13B	Adaptor Plate #3	•
EEWB3-14B	Adaptor Plate #4	•
EEWB3-02B	Wide Taper Pin B	EX
EEWB3-03B	Round Pin C	EX
EEWB3-08	Small Taper Pin E	EX

EEWB3-1B Balancer Pin Kit

- Pin plate kits are a system of plates and studs to center and load the wheel at the lug stud holes
- Used to properly mount wheels to the wheel balancer and is positioned outside of the wheel, in-between the quick nut and lug stud holes
- Mirrors mounting the wheel to the vehicle's hub and minimizes imbalance errors
- Applies even pressure to lug stud surfaces and locates the wheel on center of balancer shaft
- Avoids misalignment by improper and inconsistent mounting on the balancer
- Works on wheel balancers with a 40 mm shaft size
- Eliminates damage to plastic clad wheels

EAK0309J54A Balancer Flange Spacer

- Provides added clearance for larger cones and collets
- For use with the EEWB3-4A Collet Set

EEWB3-5A¹ Balancer Flange Spacer

- Provides added clearance for larger cones and collets
- Use with EEWB3-4A collet set and optional EEWB3-51 No. 10 Collet
- Pins accurately locate spacer on Snap-on[®] wheel balancer flanges
- Can also be used to offset wheel flange mounting on high positive offset rims

8100068 2 pc Truck Step Cone Kit

- Low taper angle for hub centric wheels
- Used for 4.25–6.85° hub pilot hole sizes
- Works on wheel balancers with a 40 mm shaft size
- Spacer allows for additional clearance

EAK0221J00A Medium-Duty Truck Cone Kit (28.5 mm Shaft)

- For pilot hole center range of 6-1/4–7-1/4"
- Only fits wheel balancers with a 28.5 mm shaft

Stock No.	Description	EEWB3-4A (qty)
EEWB3-42A	Collet 48.3–61.0 mm	1
EEWB3-43A	Collet 56.9–68.6 mm	1
EEWB3-44A	Collet 63.5–76.2 mm	1
EEWB3-45A	Collet 71.1–83.8 mm	1
EEWB3-46A	Collet 78.7–91.4 mm	1
EEWB3-47A	Collet 86.4–99.1 mm	1
EEWB3-48A	Collet 94.0–106.7 mm	1
EEWB3-49A	Collet 101.6–114.3 mm	1
EEWB3-50A	Collet 109.2–121.9 mm	1
EEWB3-51 ¹	Collet #10 120.5–126.0 mm	—

EEWB3-4A 9 pc Collet Set

- Precision-machined and sized collets fit into the rear pilot hole on plastic-clad wheels to avoid damage
- Collets are shallow in length—to not interfere with plastic clad wheels
- Recommended to be used in conjunction with a pin plate on the wheel's outer side
- Larger collets require the use of the EEWB3-5A Balancer Flange Spacer
- Works on wheel balancers with a 40 mm shaft size
- Includes (9) collets: #1 collet 48.3–61.0 mm, #2 collet 55.9–68.6 mm, #3 collet 63.5–76.2 mm, #4 collet 71.1–83.8 mm, #5 collet 78.7–91.4 mm, #6 collet 86.4–99.1, #7 collet 94.0–106.7 mm, #8 collet 101.6–114.3, #9 collet 109.2–121.9, EEWB3-51 Collet No. 10 120.0–126.5 mm

EEWB3-51¹ Collet #10 120.5–126.0 mm

- Collet for pilot hole centers ranging from 120.5–126.0 mm

EAA0255J33A 40 mm Shaft Upgrade Kit

- Converts older Snap-on[®] balancers with a 28.5 mm shaft to 40 mm (EEWB304A and B, EEWB305A and B)

EAK0309J61A Storage Stand

- Storage stand for EEWB3-1B and EEWB3-4A



8100068

EAK0309J54A



• Read and follow safety messages in instructions.

• Do not mismatch tires and rims.

• Do not overinflate tires.

¹These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.

• Read Safety Precautions on pages W1–W4

TIRE CHANGERS



Tire Changers

Tire Changers come in a variety of models to fit each individual shop's needs. The Tilt-Back Tire Changers handle a variety of tire sizes and configurations, with a tower that tilts back to allow for wider tire and wheel assemblies, and feature a Pneumatic Bead Assist arm to assist the operator when mounting low-profile tires. The Swing Arm Tire Changers have basic features for a shop that is new in the tire business or as an additional unit in a high-volume shop.

Common Features for all Snap-on® Tire Changers

- Mount/dismount head is designed to avoid direct contact with the rim
- Six-point contact rim clamping jaws provide additional slip resistance
- Plastic protection on the mount/dismount head and clamping jaws prevents accidental rim damage
- Bead seating jets are integrated into the clamping jaws and force additional air into the tire during inflation
- Twin cylinder clamping offers more force and provides a uniform clamping pressure on the rim
- Multi-position bead breaker covers multiple applications such as SUVs and light trucks with tall sidewalls
- High-torque 1HP turntable motor minimizes stalling
- Covered by a two-year on-site parts and labor warranty
- Optional accessories are available for a variety of specialty applications

Common to EEWH329A, EEWH311C, EEWH331A and EEWH337A:

- Pneumatic Bead Assist provides user with additional capability when servicing low-profile tires with stiff sidewalls
- Pneumatic cylinder raises and lowers each of the specialized tools into place
- Bead Depressor pushes the tire sidewall into the drop center and follows the tire as the turntable rotates for easier mounting
- Top Roller also helps keep the bead in drop center
- Top Roller allows the user to lubricate the top bead prior to dismounting the tire
- Wheel Depressor applies downward pressure during initial clamping
- Power Lifting Disc lifts the tire off the lower bead of the rim to aid user during the dismount process

Specifications	EEWH312A	EEWH329A	EEWH311C	EEWH331A	EEWH337A
Type	Swing Arm	Swing Arm	Tilt Back	Tilt Back	Tilt Back
Pneumatic Bead Assist	Optional	Standard	Standard	Standard	Standard
Turntable Speed, RPM, CW/CCW	7/7	7/7	7/7	7/7	7/14
Outside Clamping Range, inches (mm)	10-23 (254-538)	10-24 (254-610)	10-24 (254-610)	12-26 (305-660)	12-26 (305-660)
Inside Clamping Range, inches (mm)	12-22 (305-550)	12-24 (305-610)	12-24 (305-610)	14-26 (351-650)	14-26 (351-650)
Maximum Rim Width, inches (mm)	11 (279)	14 (356)	14 (356)	16 (409)	16 (409)
Maximum Tire Diameter, inches (mm)	40 (1,016)	40 (1,016)	40 (1,016)	47 (1,200)	47 (1,200)
Maximum Tire Width, inches (mm)	12 (305)	14 (356)	15 (381)	16 (409)	16 (409)
Bead Breaking Force (lb @ 150 PSI)	3,300	3,300	3,300	3,300	3,300
Air Supply Required	140-170 PSI @ 8.5 CFM	140-170 PSI @ 8.5 CFM	140-170 PSI @ 8.5 CFM	140-170 PSI @ 8.5 CFM	140-170 PSI @ 8.5 CFM
Voltage Requirements	115 V 60 Hz, 1 ph 20 A	115 V 60 Hz, 1 ph 20 A	115 V 60 Hz, 1 ph 20 A	115 V 60 Hz, 1 ph 20 A	220 V 50/60 Hz, 1 ph 15 A
Net Weight, lb (kg)	442 (200)	717 (325)	750 (340)	887 (402)	892 (405)
Overall Width x Depth, inches (mm)	31 x 35 (787 x 869)	46 x 67 (1,219 x 1,702)	53 x 53 (1,346 x 1,346)	69 x 77 (1,753 x 1,956)	75.6 x 67.7 x 69.0 (1,920 x 1,720 x 2,261)

Technical Support: 800-225-5786

Tire reference dimensions based on OEM specified tires.

EEWH312A Swing Arm Tire Changer

- Services OE wheel/tire assemblies on cars and light trucks

EEWH329A Swing Arm Tire Changer

- Swing arm design for fast set-up time and additional clearance for taller profile tires
- Mount-dismount head at the 3 o'clock position for easier access and locks in place away from the rim edge

EEWH331A Heavy-Duty Tilt-Back Tire Changer

- Tilt-back design speeds set up and allows for a 16" rim clearance
- Capable of clamping 26" dia. wheels on the inside and outside of the rim

EEWH337A Heavy-Duty Two Speed Tilt-Back Tire Changer

- Two speed turntable offers a maximum speed of 14 RPM to along with 7 RPM standard speed

EEWH311C Tilt-Back Tire Changer

- Tilt-back design speeds set up and allows for a 15" rim width
- Capable of clamping 24" dia. wheels on the inside and outside of the rim

TIRE CHANGERS



Tire Changer Accessories

Class	Stock No.	Description	EEWH312A	EEWH329A	EEWH311C	EEWH331A	EEWH337A
Jaw	EAA0351G90A	Clamping Jaw Protectors (Set of 4)	Opt	N/A	N/A	N/A	N/A
Jaw	EAC0087G48A	Protective Jaw Insert (1 each)	N/A	Std	N/A	N/A	N/A
Jaw	EAK0329G86A	Jaw Protector (4 each)	N/A	N/A	Std	Std	Std
Jaw	EAK0237J19A	Jaw Protector (6 each)	N/A	Std	N/A	N/A	N/A
Jaw	EAA0304G32A	Light Truck Clamping Jaws	N/A	Opt	Opt	Opt	Opt
Jaw	EAA0351G92A	Motorcycle Adaptors (4 each)	Opt	N/A	N/A	N/A	N/A
Jaw	EAA0332G84A	ATV Clamping Adaptor	Opt	N/A	N/A	N/A	N/A
Jaw	EAA0329G53A	-2" Motorcycle/ATV Adaptors (4 each)	N/A	Opt	Opt	Opt	Opt
Jaw	EAA0351G93A	+8" Clamping Adaptors (4 each)	Opt	N/A	N/A	N/A	N/A
Jaw	EAK0330G55A	Motorcycle Clamping Jaws (+2")	N/A	Opt	Opt	Opt	Opt
Jaw	EAA0331G91A	+4" Adaptors (4 each)	N/A	Opt	Opt	Opt	Opt
Mount/Dismt Head	EAA0304G80A	4" Offset Mount/Dismount Head	N/A	Opt	Opt	Std	Std
Mount/Dismt Head	EAA0329G27A	Quick-Change Mounting Adaptor	Opt	Opt	Opt	Std	Std
Mount/Dismt Head	EAA0329G95A	Mount/Dismount Head	Std	Std	Std	Std	Std
Mount/Dismt Head	EAA0247G20A	Plastic Mount/Dismount Head	Opt	Std	Opt	Std	Std
Mount/Dismt Head	EAA0304G37A	Protruding Spoke Mount/Dismount Head	N/A	Opt	Opt	Std	Std
Mount/Dismt Head	EAC0078G13A	Push-In-Style Mount/Dismount Protector (1 each)	Std	Std	Std	Std	Std
Mount/Dismt Head	EAK0315G48A	Mount/De-Mount Protective Inserts	Std	Std	Std	Std	Std
Bead Breaker	EAA0247G14A	Motorcycle Bead Breaker Extension	Opt	Opt	Opt	Opt	Opt
Lever	EAA0247G02A	Tire Mounting Bar	Std	Std	Opt	Opt	Opt
Lever	EAA0247G04A	Protective Sleeve for EAA0247G02A	Opt	Opt	Opt	Opt	Opt
Lever	EAC0097G47A	Wave Tire Tool	Opt	Opt	Std	Std	Std
Lever	EAC0115G06A	Protective Sleeve for EAC0097G47A	Opt	Opt	Opt	Std	Std
Lever	EAA0470G38A	Special Truck Tire Lever	Opt	Opt	Opt	Std	Std
Ext. Accessory	EAA0332G30A	Bead Roller	N/A	N/A	Std	Std	Std
Ext. Accessory	EAA0304G97A	Bead Roller Lock Pin	N/A	N/A	Std	Std	Std
Ext. Accessory	EAA0332G32A	Rod with Tapered Roller	Opt	Opt	Opt	Std	Std
Ext. Accessory	EAA0350G39A	Bead Breaker Tool	N/A	N/A	Opt	Std	Std
Ext. Accessory	EAA0377G23A	Magic Bead Pusher	Opt	Opt	Opt	Std	Std
Ext. Accessory	EAA0358G85A	Bead Holding Clamp	Opt	Opt	Opt	Opt	Opt
Ext. Accessory	EAA0408G33A	Plastic Rim Protector	Opt	Opt	Opt	Opt	Opt
Ext. Accessory	EAA0304G52A	3 pc Plastic Rim Protector	Opt	Opt	Opt	Opt	Opt
Ext. Accessory	EAA0329G33B	Pneumatic Bead Assist	Opt	N/A	N/A	N/A	N/A
Ext. Accessory	EAA0304G51A	Roller Board	Opt	Opt	Opt	Opt	Opt
Part/Consumable	S-14126A	Paste Brush	Std	Std	Std	Std	Std
Part/Consumable	S-03229A	Paste Bucket	Std	Std	Std	Std	Std



- Read and follow safety messages in each section.
- Do not lubricate tires and rims.
- Do not overinflate tires.
- Read Safety Instructions on pages W1-W4.

TIRE AND WHEEL: TIRE PRESSURE MONITORING SYSTEM

TPMS Testers

- Test TPM Sensors to determine if a replacement is needed
- Captures sensor data and displays PSI, ID, temperature and battery status
- Tests key fobs for proper signal strength and battery condition
- Includes software to program aftermarket TPM sensors
- Provides quick registration of new sensor locations after a tire rotation
- Registration of tool provides 12 months of access to new software updates as they become available
- Technical Support US and Canada (English): 844-349-8767; Canada (French): 855-455-8767



TPMS5

TPMS5 Tire Pressure Sensor System Tool Kit

- Automatically compares sensor ID to ECU stored values
- Features vehicle-specific TPMS system relearns and resets
- Enhanced OBD-II vehicle connectivity to write sensor IDs and relearn TPM systems
- TPMS tips and repair guidance along with tool demonstration video
- Capable of storing and sharing TPMS system report and multiple customer vehicle records
- Read and clear TPMS Diagnostic Trouble Codes
- Toyota® ECU automatic unlock functionality with DLC location assistance
- Tire pressure threshold adjustment GM®, Ford®, RAM®, Jeep® and others
- Includes replacement TPM sensor part number and image lookup for OEM and aftermarket sensors
- Features a full color 5.0" daylight readable LCD 1,280 x 720 pixel touch panel
- Software updates accessed through Wi-Fi® interface
- Includes tool, OBD cable, AC/DC power adaptor, USB cable, jump drive with owner's manual, soft-sided carry case and quick start guide
- Choose between manual or OBD-II vehicle relearn processes
- Capable of writing sensor values to ECU automatically via OBD-II connector
- Also features step-by-step manual relearn process



TPMS4

TPMS4U

TPMS4 Tire Pressure Sensor Monitoring System (TPMS) Tool Kit

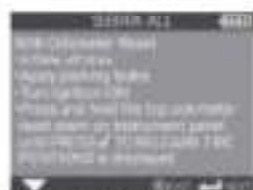
- Relearns vehicle TPM systems by providing vehicle-specific reset procedures when a vehicle's tires have been rotated
- Features vehicle-specific prompts that guide the TPM system relearns following a sensor replacement
- Works in conjunction with Snap-on® diagnostic platforms to relearn sensor IDs on Asian vehicles
- Aftermarket programming software to easily replace TPM sensors with low battery life, one that is non-functioning or to install duplicates in summer/winter tires
- Prints sensor information using TPMSconnect software (included) on a desktop or laptop computer
- Includes replacement TPM sensor part number lookup for OEM and aftermarket sensors
- Daylight-readable 2.8" high-resolution VGA display
- Built-in lithium-ion rechargeable battery and charger included
- Includes a TPMSconnect portal that installs on a PC or laptop, and administers software updates
- After the first 12 months purchased, the TPMS4U update will allow software updates for a 12-month time period
- Capable of programming aftermarket sensors

TPMS4U TPMS4 Software License

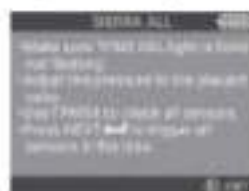
- Includes up to the current model year OE vehicle coverage, with the addition of new vehicle protocols, increased sensor testing coverage and new relearn procedures
- Added current model year new vehicle platform coverage, such as Chrysler® 300, BMW®, Honda®, Lincoln®, Lexus®, Mazda®, Mercedes-Benz®, Sprinter®, Mitsubishi®, Subaru® and Toyota®
- New aftermarket sensor addition the MAX T.O.T.A.L. Gen 2 Sensor



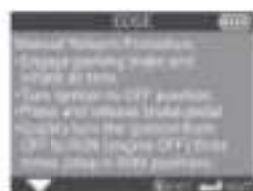
Checks TPMS Sensors
Checks sensors and determines if replacement is needed. Captures sensor data including PSI, ID, temperature and battery status.



Relearn TPM Vehicle Systems
Provides vehicle-specific relearn procedures when tires have been changed or rotated.



Tire Rotations
Quickly registers new sensor locations after tire rotation.



Sensor Replacement
Guides TPM system relearns following sensor replacement.

Tire Pressure Monitoring System (TPMS) Tool Kit

- High-quality, reliable and accurate torque wrench and torque driver are included
- Complete set; all tools and accessories to work on most vehicle makes/models
- Includes a storage tray for tools and torque products

TPMS500 16 pc (TPMS) (in-lb)

- Torque driver is dedicated for most the popular torque settings: 4, 12 and 35 in-lb
- Torque wrench covers 40–200 in-lb
- QD1R200 also includes a plastic storage case

TPMSN500 16 pc (TPMS) (Nm/Ncm)

- Torque driver is dedicated for the most popular torque settings: 4 in-lb (45 Ncm), 12 in-lb (135 Ncm) and 35 in-lb (395 Ncm)
- Torque wrench covers 5–25 Nm
- QD1RN25A also includes a plastic storage case

TPMS300 15 pc (TPMS) (in-lb/Ncm)

- Torque driver is dedicated for the most popular torque settings: 4 in-lb (45 Ncm), 12 in-lb (135 Ncm) and 35 in-lb (395 Ncm)
- This set is intended for users that already own a 1/4" drive torque wrench



TPMS500

Valve and Stem Tools

- Durable alloy steel for long life
- Specialized heat treatment for consistent quality
- Precision-milled tip geometry for optimal fastener engagement

QDTPMS Valve Core Torque Tool

- Specifically designed to be used as a core remover and precise installer for TPMS tire valves to eliminate risk of damaging expensive TPMS sensors
- Preset to 4 in-lb to prevent over- or under-torquing
- Preset torque setting also helps prevent valve core leaks that lead to low tire pressure and TPMS alerts

S61112 1/4" Drive 6-Point Metric 11 and 12 mm TPMS Flip Socket

- Used to remove and install clamp-in-style TPMS sensors—combined with a torque wrench, this socket allows the technician to precisely install clamp-in-style TPMS sensors
- Requires a 1/4" drive extension

QDTPMS35 TPMS Adjustable Torque Screwdriver

- Highly accurate torque tool intended for maintaining or installing popular styles of tire pressure monitoring sensors
- Manufactured from aircraft-grade aluminum
- Dedicated torque measurements for popular TPMS ratings (4, 12, 35 in-lb)



QDTPMS



S61112



QDTPMS35



- Do not exceed rated torque.
- Do not use to back-loosen bolts.
- Periodic recalibration is needed to maintain accuracy.
- Read Safety Precautions on pages 81–84.

TIRE AND WHEEL: TIRE PRESSURE MONITORING SYSTEM



VSC4KT



VSC4KT-1

TPMS Tools

VSC4KT 4 pc TPMS Valve Stem Cap Set (Blue-Point®)

- Quickly evacuates air without removing valve cores
- Used for replacing a standard-sized valve cap, will depress the valve stem for rapid deflation
- Return the wheels to the original position without resetting the TPMS
- Caps are clearly marked for easy identification for the reinstall
- Blue anodizing makes the caps easily visible on most rims or tires
- Knurling provides a sure grip even in greasy situations
- Back side of the tool allows for valve cap storage while the tools are in use
- Vinyl holder is included to keep valve stem caps together when not in use
- Includes (4) valve stem caps

VSC4KT-1 TPMS Valve Stem Cap (Blue-Point®)

VSC4KT-2 TPMS Valve Stem Cap (Blue-Point®)

VSC4KT-3 TPMS Valve Stem Cap (Blue-Point®)

VSC4KT-4 TPMS Valve Stem Cap (Blue-Point®)

TIRE AND WHEEL: TIRE PRESSURE GAUGES



TPRG60



TPG15



PG160



PG60

Dial Type Pressure Gauges

TPRG60² TPMS/Racing Tire Gauge (Blue-Point®)

- Ideal for applications requiring precise readings, such as TPMS gauge testing and performance driving
- PowerFlex® movement is both durable and accurate
- ±1% accuracy

TPG15¹ Low-Pressure Tire Gauge (Blue-Point®)

- Low-pressure gauge for ATVs, lawnmowers, motorcycle fork tubes and more
- Unique design offers superior shock resistance: movement from socket is isolated, reducing effects of shock
- Silicone-dampened gears and enhanced vibration-dampening design cushion movement for extended gauge service
- Clear, concise, easy-to-read 1-15 PSI gauge displays in 1/4 PSI increments
- ±1% accuracy

PG160¹ Dial Type Pressure Gauge (Blue-Point®)

- Calibrated in 2 PSI increments from 10-160 PSI
- 2-1/2" dia. dial gauge with shock-resistant gauge movement
- 12" flex for hard-to-reach valves (16" with chuck)
- Bleeder valve relieves excess pressure to achieve proper inflation
- Dual foot chuck; 1% accuracy

PG60² Dial Type Pressure Gauge (Blue-Point®)

- 12" flex hose and bleeder valve
- 1% accuracy
- Swivel angle chuck
- Dual scale pressure range 60 PSI (410 kPa)
- Ideal for automobile and light truck service

TIRE AND WHEEL: TIRE PRESSURE GAUGES/INFLATORS



Inflators

TIF160² Tire Pressure Gauge/Inflator (Blue-Point[®])

- 1% accuracy allows for use on vehicles equipped with TPMS sensors
- Shorter hose and body length make this gauge ideal for use on cars and light trucks
- Rugged dial and plunger-style mechanism preserve gauge accuracy when dropped
- Stainless steel braided hose
- 6–160 PSI (60–1,100 kPa) range
- Lifetime warranty

TPGIF1600A¹ Tire Gauge and Inflator (Blue-Point[®])

- In 2 lb increments from 10–120 PSI
- 1/4" FNPT air inlet fitting
- Swiveling hose for easy gauge positioning
- Zinc body with heavy-duty brass valves
- Easy-to-read sight glass featuring PSI and kPa readings
- ±1% accuracy

TIFHD160² Truck Tire Inflator (Blue-Point[®])

- Inflates heavy-duty truck tires quickly and safely
- 6–160 PSI (40–1100 kPa) range
- Includes a 14" dual foot budd chuck with locking threads
- High-quality 48" extended rubber hose (tested to 300 PSI)
- 1/4" NPT brass fitting for inlet air connection
- 360° swiveling gauge for easy reading
- Rubber gauge guard for added shock resistance
- Rugged geared gauge construction for added durability (not bourdon tube like most dial gauges)
- 48" hose and chuck allow a tire technician to stand outside of the trajectory zone as noted in OSHA1910.177 standards, servicing multi-piece and single piece rim wheels (sufficient length of hose is required between the chuck and valve)

TPGDL1000C¹ Digital Inflator with Coated Hose (Blue-Point[®])

- In 0.1 PSI increments from 5–150 PSI
- Vinyl-coated, braided stainless steel hose for increased strength, flexibility and protection from scratching
- Backlit display, with PSI, kPa, bar and kg/m²
- Includes dual-foot and clip-on chucks
- 1/4" NPT hose ends for easy use with any open chuck
- Three-position trigger allows the user to quickly read, inflate and bleed off tire pressure with one hand
- Rubber body prevents damage when dropped



TPGD150



TPGDL150



TPGDL2000

Digital Tire Pressure Gauges

TPGD150² Digital Tire Pressure Gauge (Blue-Point[®])

- In 0.5 PSI increments from 5–150 PSI
- Flexible 11" braided hose with dual foot chuck helps access hard-to-reach tire valves
- Black ribbed gauge guard provides a sure gripping surface and helps protect the gauge if dropped
- Auto shut-off extends the battery life
- 1% accuracy

TPGDL150² Digital Tire Pressure Gauge (Blue-Point[®])

- Backlit for easier measurement reading
- Auto shut-off extends the battery life
- 5–150 PSI reading
- Shockproof rubber guard to prevent damage when dropped
- Molded finger grips for added comfort
- Heavy die-cast faceplate
- Includes a steel belt clip and batteries
- ±1% accuracy

TPGDL2000² Digital Tire Inflator

- Reads tire pressure from 0–200 PSI in 0.1 PSI increments
- +/- 1% full-scale accuracy for precision inflation
- Backlit display, with PSI, kPa, bar and kg/m² scales
- Auto-off feature turns the gauge off after 90 seconds to conserve battery life
- Vinyl-coated, braided stainless steel hose for increased strength, flexibility and protection from scratching
- 1/4" NPT hose ends for easy use with any open chuck
- Three-position trigger allows the user to quickly read, inflate and bleed off tire pressure with one hand
- Rubber boot prevents damage when dropped
- Includes dual-foot and clip-on chucks
- Includes two AAA batteries and certificate of calibration
- Field repairable



- Do not overinflate tires.
- †These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

TIRE AND WHEEL: TIRE PRESSURE GAUGES



Pencil Tire Pressure Gauges

PGP20¹ Pencil Tire Pressure Gauge (Blue-Point[®])

- 20 PSI pencil gauge for low-pressure applications
- 0.5 PSI accuracy for the full range of scale
- Laser-engraved barrel
- Full metal body construction
- Pocket clip holds the gauge securely in a pocket
- Ideal for ATVs and riding mowers

PGPS50GB¹ Master's Choice Pencil Tire Pressure Gauge in Solid Maple Box

- Durable brass construction promotes longevity and resists corrosion
- $\pm 1\%$ accuracy exceeds ANSI[®] standards and allows for use on vehicles with TPMS sensors
- Dual scale measures from 5–50 PSI and from 34.4–344.7 kPa
- Solid-maple box protects and showcases this high-quality gauge

PGPS50¹ Master's Choice Pencil Tire Pressure Gauge

- Tire pressure gauge only
- $\pm 1\%$ accuracy exceeds ANSI[®] standards and allows for use on vehicles with TPMS sensors
- Dual scale measures from 5–50 PSI and from 34.4–344.7 kPa

PGPS50-BOX¹ Master's Choice Box (Solid Maple)

- Wooden box only

PGP120¹ Pressure Gauge (Blue-Point[®])

- Calibrated in 2 PSI increments from 10–120 and in 10 kPa increments from 100–800
- Chrome body
- 1% gauge accuracy
- 5-3/4" long

PGP45LQ¹ Air Liquid Pressure Gauge (Blue-Point[®])

- Calibrated in 1 PSI increments from 5–45 PSI
- Can be used on any standard or liquid solution-filled tires
- Spring retracts into the gauge, causing a pump action to expel tire liquid
- Chrome body
- 1% gauge accuracy
- 5-15/16" long

PGP50¹ Pencil Tire Pressure Gauge (Blue-Point[®])

- Calibrated in 1 PSI increments from 5–50 PSI and 5 kPa increments from 50–350 kPa
- Chrome body
- 1% gauge accuracy
- 5-3/4" long

PGPL150¹ Pencil Tire Pressure Gauge (Blue-Point[®])

- Calibrated in 2 PSI increments from 10–150 PSI
- Straight dual-foot for Budd-style truck tires
- 30° angle reverse foot assists in hard-to-reach areas
- Includes a hanging clip
- Chrome body
- 1% gauge accuracy
- 12" long

PGP150LB¹ Large Bore Tire Pressure Gauge (Blue-Point[®])

- Gauge has a working range of 10–150 PSI (80–1,020 kPa)
- Full Scale accuracy within 1%
- Durable chrome-plated brass construction
- Calibrated in 2 PSI increments
- 7-1/2" long

TIRE AND WHEEL: AIR CHUCKS



Open Air Chucks

FOR USE ON INFLATORS ONLY. DO NOT USE ON AIR LINES.

GAOC356¹ Dual-Foot Air Chuck (Blue-Point[®])

- 1/4"-18 female NPT with 5/8" hex nut
- Straight foot works well on Budd-style wheel rims
- 30° angle reverse foot is helpful in limited-access situations
- 6-1/2" long

GAOC460¹ Dual-Foot Air Chuck (Blue-Point[®])

- 1/4"-18 female NPT
- 6-1/8" long

TPDFOC14¹ Long-Reach Dual-Foot Air Chuck (Blue-Point[®])

- 14" long-reach dual chuck
- Straight-on chuck with 30° reverse chuck
- All metal components
- Works well for reaching dual-wheel truck tires
- Compatible with Snap-on[®] and Blue-Point[®] inflators

TPLOC2¹ Heavy-Duty Air Chuck (Blue-Point[®])

- 1/4" NPT open-style air chuck
- Heavy-duty coupling-style teeth for a secure lock on all tire valves
- Full-metal one-piece construction for added durability
- Secure connection to all standard sized Schrader valves found on cars, trucks, motorcycles, RVs, and light-duty tractors
- For use on tire inflators

TIRE AND WHEEL: AIR CHUCKS



Closed Air Chucks

FOR USE WITH AIR LINES ONLY. DO NOT USE ON INFLATORS.

GA356B¹ Dual-Foot Air Chuck (Blue-Point[®])

- 1/4"-18 female NPT with 5/8" hex nut
- Straight foot works well on Budd-style wheel rims
- 30° angle reverse foot is helpful in limited-access situations
- 6-1/2" long

GA460B¹ Dual-Foot Air Chuck (Blue-Point[®])

- 1/4"-18 female NPT
- 6-1/8" long
- Maximum rating is 150 PSI
- For use with air lines only, do not use on inflators

GA296B¹ Angled Air Chuck (Blue-Point[®])

- 1/4"-18 female NPT
- Rubber gasket is included
- Maximum rating is 150 PSI
- For use with air lines only, do not use on inflators

GA358B¹ Instinct[®] Handle Air Chuck

- Features a comfortable Instinct[®] screwdriver-style handle
- Thread size of 1/4" NPT
- 7" overall length
- Maximum rating is 150 PSI
- For use with air lines only—do not use on inflators

GA359B¹ Instinct[®] Handle Air Chuck Dual Foot

- Features a comfortable Instinct[®] soft-grip screwdriver handle
- Dual-foot chuck easily accesses hard-to-reach inner tandem wheels
- 30° reverse angle chuck can be used on outside tires
- Thread size of 1/4" MNPT
- 12" overall length

YA173B¹ Clip-On-Style Angled Air Chuck (Blue-Point[®])

- 1/4"-18 female NPT
- Spring-loaded, trigger-operated valve stem clip
- Maximum operating pressure is 200 PSI
- For use with air lines only—do not use on inflators

TPDF14A¹ Long-Reach Dual-Foot Air Chuck (Blue-Point[®])

- 14" long-reach dual chuck
- Straight-on chuck with 30° reverse chuck
- All-metal components
- Works well for reaching dual-wheel truck tires
- Compatible with Snap-on[®] and Blue-Point[®] inflators

TPLBC² Large-Bore Tire Chuck

- Heavy-duty air chuck for large-bore tires
- Closed chuck for use on live air lines
- 175 PSI maximum working pressure
- Durable brass body with a plated finish
- 1/4" FNPT

TPLBLC¹ Clip-On-Style Large Bore Tire Chuck

- Heavy-duty lock-on air chuck for large bore tires
- Closed chuck for use on live air lines
- Locking collar for a secure valve stem connection
- 175 PSI maximum working pressure
- Durable brass body with a plated finish
- 1/4" FNPT

TPCLRA¹ Right Angle Air Chuck

- Low-profile right-angle design easily accesses hard-to-reach valve stems
- Ideal for motorcycles and ATV tires
- Closed chuck for use on live air lines
- 175 PSI maximum working pressure
- Durable brass body with a plated finish
- 1/4" FNPT

TREAD DEPTH TOOLS

Tread Depth Gauges

TDG1¹ Tread Depth Gauge (Blue-Point[®])

- Sliding gauge is colored coded, making it easy to identify when it is time for a new tire
- Measures to a depth of 1" in 1/32" increments
- Plastic body with an aluminum probe and sliding gauge
- Includes pocket clip

TDG2¹ Dial-Type Tread Depth Gauge

- Oversized dial allows for much easier reading than stick-type tread depth gauges
- Geared interior movement for increased ruggedness
- Reads in 1/32" increments and has a color-coded dial design



TDG1



TDG2



- Do not overinflate tires.
- Read and follow safety messages in instructions.
- Do not mismatch tire and rims.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages PL-PP for details.
- Read Safety Precautions on pages W1-W4.

VALVE CORE TOOLS



Valve and Stem Tools

- Durable alloy steel for long life
- Specialized heat treatment for consistent quality
- Precision-milled tip geometry for optimal fastener engagement

TR107A* Tire Valve Tool

- Designed to install and remove standard tire valve cores
- Larger screwdriver-style handle
- Comfortable, durable acetate handle
- 6-1/4" long

TR108 Tire Valve Core Tool

- Designed to install and remove standard tire valve cores
- Larger screwdriver-style handle
- Comfortable, durable acetate handle
- 4-3/4" long

TR109 Valve Core Tool

- Used to remove or replace valve cores on A/C systems (large bore)
- 6-3/4" long

TR1170 Valve Core Remover/Installer Tool

- Designed to install and remove standard tire valve cores
- 6-1/4" long

VT14 Universal Valve Core Tool (Blue-Point®)

- Double-ended bit removes and installs large and small valve cores
- Double-ended wrench in the tool body reverses to fit both large and small valve cores
- Cup end removes valve caps

GA143C Valve Core and Stem Tool (Blue-Point®)

- Four-function tool inserts and removes cores, taps inner stem threads and chases outer threads
- 1-7/8 x 13/16"

VT1B² Valve Stem Puller

- Vinyl spacer protects rims
- Simplifies inserting any tubeless tire valve
- Swivel head screws onto the cap thread of the tire valve
- Handle is used as a lever to pull the tire valve into the rim hole

QDTPMS Valve Core Torque Tool

- Specifically designed to be used as a core remover and precise installer for TPMS tire valves to eliminate risk of damaging expensive TPMS sensors
- Preset to 4 in-lb to prevent over- or under-torquing
- Preset torque setting also helps prevent valve core leaks that lead to low tire pressure and TPMS alerts

SDMV208 Tire Valve Bit

- Designed for use with all Snap-on® ratcheting screwdrivers
- Similar to what is covered by the TR107A, TR108, TR1170 screwdrivers
- 1/4" Hex insert bit, 1" length

SGD107BR** Instinct® Handle Tire Valve Tool (Red)

- Designed to install and remove standard tire valve cores
- Instinct® handle provides maximum turning power and greater comfort
- 5-7/8" overall length
- Made in USA

VTW1 Tire Valve Stem Wrench

- Provides a solution for tightening the inner valve stem without having to unbolt and remove wheels from many medium and heavy duty Class 7 and 8 trucks and trailers
- Saves up to an hour by eliminating the need to remove the wheels
- Extremely useful for fleet technicians and large truck yards
- Heat-treated forged alloy steel for strength and durability

Colors Available



TIRE AND WHEEL: WHEEL TORQUE TOOLS



305TSKTA

Torque Extensions

- Help eliminate over-torqued lug nuts, broken or damaged studs and distortion of rotors, drums and wheels
- Color-coded low friction sleeve for quick reference
- Cold-formed special-alloy steel for greater accuracy and strength
- 1/2" male and female square drive for use with the appropriate impact socket
- Female square drive is designed for improved retention on impact wrenches
- Male square drive has a friction ring for secure socket retention

Stock No.	Square Drive, inches	Torque Limit, ft-lb	Set Contains:
TSKT65A	1/2	65	•
TSKT80A	1/2	80	•
TSKT100A	1/2	100	•
TSKT120A	1/2	120	•
TSKT140A	1/2	140	•

Set includes storage case

TIRE AND WHEEL: TIRE DEFLATORS

Tire Deflators

- No need to remove valve core
- Laser marked LR
- No need to relearn TPMS sensors
- After refilling, tool can be clipped on, maintaining tire position

Stock No.	Description	Set Contains:
VSCSLB ²	Clip-on Large Bore Tire Deflator	
VSCSLF ²	Front Left Clip-on Tire Deflator	•
VSCSLR ²	Rear Left Clip-on Tire Deflator	•
VSCSRF ²	Front Right Clip-on Tire Deflator	•
VSCSRR ²	Right Rear Clip-on Tire Deflator	•

VSC104R²



VSC104R

TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS

Lug Nut Sockets

LSR1500 Standard/Twist Wheel Flip Socket Set (Blue-Point[®])

- Includes (6) sockets for use on the most popular lug nut sizes: 3/4, 13/16, and 7/8", and 17, 19, and 21 mm
- 6-point Flank Drive[®] wrenching system at one end and a six-fluted twist socket for removal of damaged wheel lugs at the other end
- Socket flips when encountering a damaged head
- Knurling identifies the twist socket end
- Sockets and 3-1/2" extension are all 1/2" drive for use with hand drivers or impact wrenches
- Black oxide finish
- Includes a storage case



LSR1500

LSR2000 3 pc 1/2" Square Drive Thin Wall Wheel Flip Socket Set (Blue-Point[®])

- Covers the four most popular lug nut sizes: 3/4 and 13/16", 19 and 21 mm
- Flank Drive[®] wrenching configuration
- 1/2" square drive is located at the center of the socket
- For use with a hand driver or impact wrench
- Includes (2) lug nut sockets and a 3-1/2" extension
- Black industrial finish
- Includes a storage case



LSR2000

LSR2000PLUS 3 pc 1/2" Square Drive Lug Nut Flip Socket Set (Blue-Point[®])

- Includes (3) lug nut flip sockets: 3/4 and 13/16", 7/8 and 15/16" and 19 and 21 mm
- All sockets are 3" long
- 1/2" square drive is located at the center of the socket
- Use with a hand driver or impact wrench
- Includes a storage case
- Black industrial finish on all components
- Requires the use of optional LSR1000EXT extension (not included)



LSR2000PLUS

LSR2500 Lug/Lock Flip Twist Socket Set (Blue-Point[®])

- Quickly and easily remove damaged wheel lugs (six-flute end) or damaged wheel locks with damaged or lost keys (12-flute end)
- 1/2" square drive is located at the center of the socket
- Used with a hand driver or impact wrench
- Includes LSR2501 and LSR2502 lug/lock sockets and a 3-1/2" extension in a custom case
- Black industrial finish



LSR2500

LSR2500PLUS 3 pc 1/2" Square Drive Lug/Lock Flip Twist Socket Set (Blue-Point[®])

- Quickly and easily remove damaged wheel lugs (six-flute end) or damaged wheel locks with damaged or lost keys (12-flute end)
- 1/2" square drive is located at the center of the socket
- Uses with hand driver or impact wrench
- Includes (3) lug/lock sockets
- Black industrial finish
- LSR1000EXT is an optional 3" extension for the set
- Includes a storage case



LSR2500PLUS



- Check lug nut tightness with a torque wrench.
- These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P5-P11 for details.
- Read Safety Precautions on pages W1-W11.

TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS



LSRM2000



LSR1150



LSR1250



LSR1580



LSR1560



LSR1570



LSR1450



LSR2501

Lug Nut Sockets

LSRM2000 Metric Flip Socket Set (Blue-Point®)

- Includes LSR1580 and LSR1450 sockets plus the LSR1000-EXT 3" extension
- Designed for 2005—later vehicles
- Includes 17, 19, 21 and 22 mm sizes
- Applications: Dodge® RAM® 1500, Dodge® SRT-10®, Honda® Odyssey®, Land Rover® L3, Range Rover® and Sport, Lexus® LX470 and Toyota® Land Cruiser® vehicles

LSR1150 1/2" Square Drive SAE 3/4 and 13/16" Thin Wall Wheel Flip Socket (Blue-Point®)

- Thin wall wheel flip socket covers 3/4 and 13/16" wheel lug sizes
- For use with a hand driver or impact wrench
- 3" long

LSR1250 1/2" Square Drive Metric 19 and 21 mm Thin Wall Wheel Flip Socket (Blue-Point®)

- Thin wall wheel flip socket covers 19 and 21 mm wheel lug sizes
- For use with a hand driver or impact wrench
- 3" long

LSR1580 1/2" Square Drive Metric 21 and 22 mm Thin Wall Wheel Flip Socket (Blue-Point®)

- Thin wall wheel flip socket covers 21 and 22 mm wheel lug sizes
- For use with a hand driver or impact wrench
- Requires the use of optional LSR1000EXT extension
- 3" long

LSR1560 Flip Socket (Blue-Point®)

- 7/8" and 1" socket size: 3" long
- For use with a hand driver or impact wrench
- Expands LSR2000 and LSR2000PLUS sets
- Requires use of the LSR1000EXT extension (not included)
- 1/2" square drive is located at the center of the socket
- Applications: (7/8") Chevrolet®, GMC® vans, Dodge® Ram® 1500, Ford® E-250®/E-350®, Ford® Super-Duty®, Hummer® H1, Lincoln® Blackwood, Lexus® LX470, Toyota® Land Cruiser®, Jaguar® XJ® Series, (7/8 and 1") Chevrolet®/GMC® pickups and SUVs, (1") Plymouth® 1 ton vans

LSR1570 Flip Socket (Blue-Point®)

- 15/16 and 1-1/16" socket size: 3" long
- For use with a hand driver or impact wrench
- Expands LSR2000 and LSR2000PLUS sets
- Requires use of the LSR1000EXT extension (not included)
- 1/2" square drive is located at the center of the socket
- Applications: (15/16") Dodge® Ram® 2500, 3500, (1-1/16") Land Rover®, Range Rover® Discovery® II, Ford® E-300/E-350®, Ford® F-300/F-350®

LSR1450 Thin Wall Wheel Flip Socket (Blue-Point®)

- Covers 17 and 19 mm wheel lug sizes
- Flank Drive® wrenching configuration
- 1/2" square drive is located at the center of the socket (requires optional extension LSR1000EXT)
- Ideal companion to the LSR2000 and LSR2000PLUS
- Black industrial finish
- Major O.D.: 1.03" (26.3 mm)
- Minor O.D.: 0.94" (23.9 mm)
- Length: 3" (76.2 mm)

LSR2501 Lug/Lock Flip Twist Socket (Blue-Point®)

- 3/4" (19 mm) twist socket quickly and easily removes damaged wheel lugs (six-flute end) or damaged wheel locks with damaged or lost keys (12-flute end)
- For use with a hand driver or impact wrench
- Black industrial finish
- 2-5/8" overall length

LSR2502 Lug/Lock Flip Twist Socket (Blue-Point®)

TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS



LSR2502



LSR2503



TSR1000



YA1005C



2003LN



TSR1230



A98A



A98M



DW402C



SLSM1922A

Lug Nut Sockets

- Same as LSR2501 except in 7/8" size
- LSR2502 Lug/Lock Flip Twist Socket (Blue-Point®)**
 - Same as LSR2501 except in 7/8" size
- LSR2503 Lug/Lock Flip Twist Socket (Blue-Point®)**
 - Same as LSR2501 except in 17 mm size
- TSR1000 Lug Nut Socket Set (Blue-Point®)**
 - Includes TSR500 and TSR600 Lug Nut Sockets, plus YA1005-7 Extractor Punch
 - TSR500 is for use on late-model OEM and aftermarket lug nuts
 - Dual-sided design allows for use on 3/4", 13/16", 19 mm and 21 mm lug nuts
 - TSR600 removes most locking lug nuts and has a two-in-one flip socket design
 - For use with 1/2" drive tools
 - Fluted socket design provides extra grip
- 2003LN 3 pc 1/2" Drive Double-Ended Lug Nut Socket Set**
 - Includes (2) double-ended lug nut sockets and a 3" extension bar
- TSR1230 Lug Nut Socket Set (Blue-Point®)**
 - Includes TSR1240, TSR1250, TSR1260 and TSR1270 Dual Flip Sockets, plus a YA1005-7 Extractor Punch in a custom vinyl bag
 - Works great on lugs that are rusted or have missing caps

- YA1005C Locking Lug Nut Removal Kit (Blue-Point®)**
 - Includes a turbo lug nut socket to easily remove damaged 3/4", 13/16", 19 mm and 21 mm lug nuts
 - Removes locking lug nuts and locking hubcaps on most vehicles, including Chrysler® hubcap locks
 - Tapered swirl in the socket bites into a damaged lug nut for quick removal
 - Intended for hand use only, except for turbo lug nut socket for use with an impact wrench
- A98A 1/2" Square Drive 6-Point SAE Lug Nut Socket**
 - 1/2" square drive is recessed between (2) six-point wrench openings: 3/4" and 13/16"
 - 2-3/4" long, 13/16" dia
- A98M 1/2" Square Drive 6-Point Metric Lug Nut Socket**
 - 1/2" square drive is recessed between (2) six-point hex openings: 19 and 21 mm
 - 2-3/4" long, 13/16" dia
- DW402C 3/4" Drive 6-Point SAE 1-1/4" Dayton Lug Nut Impact Socket**
 - For use with socket retainers
- SLSM1922A 1/2" Drive 19/22 mm Impact Flip Socket**
 - Used to remove 19 and 22 mm lug nuts and bolts on a wide range of vehicles
 - Manufactured from special steel with a higher alloy content
 - Precision machined and heat-treated for optimum strength and durability
 - 1/2" drive socket employs Flank Drive® technology with a single hex design on both ends
 - Industrial finish helps protect against corrosion



• Check lug nut tightness with a torque wrench.
• Read Safety Precautions on pages W1-W4

TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS



Lug Nut Sockets

TSR1240 Lug Nut Removal Socket (Blue-Point®)

- 21 mm/21.5 mm socket for use in Chrysler® and Dodge® applications

TSR1250 Lug Nut Removal Socket (Blue-Point®)

- Dual flip 1/2" drive impact socket design
- Removes lug nuts with missing or distorted caps
- 19.5 mm side fits distorted 19 mm chrome caps found on many GM® and Chrysler® vehicles
- 18.5 mm side fits rusted lug nuts missing chrome covers

TSR1260 1/2" Drive Metric 22 and 22.5 mm Dual-Flip Lug Nut Removal Impact Socket (Blue-Point®)

- Works great on lugs that are rusted or have missing caps
- For use on Dodge® 16–17" aluminum wheels

TSR1270 Lug Nut Removal Socket (Blue-Point®)

- 1-1/16"/27.5 mm socket for use in Range Rover® and Land Rover® applications

TSR500 Lug Nut Remover Socket (Blue-Point®)

- For use on late-model OEM and aftermarket lug nuts
- Dual-sided design for use on 3/4", 13/16", 19 and 21 mm lug nuts
- For use with a 1/2" drive impact wrench
- Fluted socket design helps remove stubborn lug nuts
- Includes an extractor punch

TSR600 Locking Lug Nut Socket (Blue-Point®)

- 1/2" square drive is located in the center of the socket
- Included pin dislodges lug nut if it is wedged in the socket
- Removes most locking lug nuts and has two-in-one flip socket design
- For use with an impact wrench
- Fluted for extra grip

TSR700 Lug Nut Remover Socket (Blue-Point®)

- For use on late-model OEM and aftermarket lug nuts
- Dual-sided design for use on 7/8", 1", 22 and 25 mm lug nuts
- For use with a 1/2" drive impact wrench
- Six-flute socket design helps remove the most stubborn hex lug nuts

TSR800 Lug Nut Remover Socket (Blue-Point®)

- For use on late-model OEM and aftermarket lug nuts
- Dual-sided design for use on 7/8", 1", 22 and 25 mm lug nuts
- For use with a 1/2" drive impact wrench
- Twelve-flute socket design helps remove the most stubborn hex lug nuts

305LSDM 5 pc 1/2" Drive Metric**Increased Hex Depth Lug Socket Set**

- Includes LSDM170–LSDM220 (17–22 mm)
- Deeper hex geometry allows socket to fit further onto lug nuts, making them less likely to damage or break decorative caps
- Saves technician time and helps prevent potential customer complaints from marred or damaged caps

LSDM170 1/2" Drive 17 mm**Increased Hex Depth Lug Socket**

- Manufactured from special alloy steel and heat treated for optimum strength and durability
- Industrial finish helps protect against corrosion

LSDM180 1/2" Drive 18 mm**Increased Hex Depth Lug Socket****LSDM190 1/2" Drive 19 mm****Increased Hex Depth Lug Socket****LSDM210 1/2" Drive 21 mm****Increased Hex Depth Lug Socket****LSDM220 1/2" Drive 22 mm****Increased Hex Depth Lug Socket****LCS2 2 pc Lug Cap Socket Set**

- Designed to remove plastic lug nut caps
- 1/4" hex shank allows use with a cordless screwdriver
- Set includes 19 and 22 mm lug cap removers; LCS19 and LCS22

LCS19 19 mm Lug Cap Remover**LCS22 22 mm Lug Cap Remover****YA1005-7 Punch**

- Pin is used to dislodge a lug nut if it is wedged in the socket

TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS

Lug Nut Sockets, 3/8" Drive

203FLSM



Stock No.	Square Drive, inches	Square Drive, inches	Overall Length, inches
FL52426	3/8	3/4 and 3/16	3
FLSM1719	3/8	17 and 19	3
FLSM2122	3/8	21 and 22	3

203FLSM 3 pc 3/8" Drive Lug Nut Socket Set

- Includes FLSM1719 (17/19 mm), FLSM2122 (21/22 mm) Metric Flip Lug Nut Sockets and an IMX31 Impact Extension

Lug Nut Sockets, Magazine Loading



LMS24

- Allows easy multiple lug nut removal of up to five lug nuts at a time
- Eliminates rolling or lost lug nuts and wasted motion
- Ideal for use in tire and brake shops
- Adjust type 9, 12 and 16 cu-in air chambers that are equipped with 1/2 to 20" threaded rod and 3/4" nut

Stock No.	Wrench Size	Square Drive, inches	Outside Dia., inches	Overall Length, inches
LMS24	3/4" (19 mm)	1/2	1	5-5/16

Extensions/Snap Ring Retention, Industrial

IMX328 1/2" Drive 3" Snap Ring Impact Extension

- Snap-on® impact extensions are heat-treated to optimize impact service life with a lower hardness and able to withstand repeated cycling loads of impact wrenches
- Snap-on® uses a proprietary blend of special alloy steel that provides long life and great strength



IMX328

Torque Wrenches

BRUTUS3R300 1/2" Drive Adjustable Click-Type Torque Wrench (60-300 ft-lb)

- Expanded range allows extended coverage with the 1/2" drive tool servicing a majority of vehicles and large pickup trucks
- Gives the user additional range in applying torque and angle on high-torque applications
- Stamped scale (ft-lb) offers better permanency and visibility
- Features heavy-duty components—thicker diameter main tube, cam and internal components for strength and durability
- Accuracy is ±6% CW and CCW



BRUTUS3R300

ISO/IZO Ratchet Head Inserts

Stock No.	Square Drive, inches (mm)	Width, mm	Insert Size, mm	Max Recommended Working Torque, N*m
IZTRAT9X12	1/4 (6)	37	9 x 12	25
IZFRAT9X12	3/8 (10)	38	9 x 12	160
IZSRAT9X12	1/2 (13)	38	9 x 12	160
IZSRAT14X18	1/2 (13)	40	14 x 18	265
IZLRAT14X18	3/4 (19)	40	14 x 18	960



IZSRAT9X12



IZSRAT14X18

- Check lug nut tightness with a torque wrench.
- Do not exceed rated torque.
- Do not use to break fasteners loose.
- Do not force head against fastener.
- Frequently inspect, clean, and lubricate ratchet mechanism with light oil.
- Do not replace worn parts individually; use entire contents of the service kit.
- Periodic recalibration is necessary to maintain accuracy of any torque wrench. Recalibrate every 6 months or more depending on use. ANSI B307.1M specifies that accuracy is maintained through 5000 cycles for click-type torque wrenches.
- Do not use chains or industrial finish hand tools with power drivers or impact drivers.
- Read Safety Precautions on pages W1-W4.



WARNING



TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS



Wheel Hangers

Allow faster, safer and easier balancing of wheels when attempting to insert and tighten wheel bolts.

Stock No.	Thread Size	Hex Size, mm	Applications
WHM1	M12 x 1.5	10	Tire and Wheel Mercedes-Benz®, BMW® MINI®, Cadillac® Catera and Chrysler® Crossfire®
WHS1	M14 x 1.5	15	Current Mercedes-Benz®, Current Dodge® Sprinter® Trucks, 2002-2004 Freightliner® Sprinter® Trucks
WHV1	M14 x 1.5	10	Tire and Wheel: Volkswagen®, Audi®, Mercedes-Benz® ML® Class, BMW® 7 and X5® Series and Porsche®
WHB1	M14 x 1.25	10	Tire and Wheel: 2009-current BMW® and MINI® Vehicles
WHD1	M12 x 1.25	10	2012-2014 Dodge® Dart®, 2015 Chrysler® 200 and 2014 Jeep® Cherokee® Vehicles
WHM2	M12 x 1.5	10	Tire and Wheel: Mercedes-Benz® and BVA®
WHS2	M14 x 1.5	15	Dodge® Sprinter® and Freightliner®
WHV2	M14 x 1.5	10	Tire and Wheel: Volkswagen®/Audi®
WHP1	M16 x 1.5	15	2015-2016 Dodge® ProMaster® Van, Allows technician to remove and install wheels easier where wheel studs are not used

TIRE AND WHEEL: AXLE NUT SOCKETS



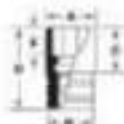
305SIMMY

Deep, mm

Stock No.	Size, mm	A	B	C	D	E
SIMM290	29	41.3	41.3	63.4	89.7	20.6
SIMM300	30	42.9	42.9	63.4	89.7	21.4
SIMM340	34	49.3	49.3	72.8	88.9	22.8
SIMM350	35	50.8	50.8	72.8	88.9	22.9
SIMM360	36	50.8	50.8	72.8	88.9	22.9

Sets include storage tray

ASME/ANSI® B107.5r



305SIMMY



ANS1938

1/2" Square Drive

Used with a torque wrench to service truck wheel bearing lock nuts.

Stock No.	Nominal Size	Style
ANS1937*	2-1/2"	6-Point
ANS1938	2-3/4"	8-Point
ANS1939*	2-3/8"	8-Point

*Fits special "rounded" hex nuts on Dana® axles of some Ford® trucks

3/4" Square Drive

Use with a torque wrench to service truck wheel bearing lock nuts.



ANS1900B



ANS1933A

Stock No.	Nominal Size	Style
ANS1900B	2-1/8" (54 mm)	6-Point
ANS1933A**	58 mm	6-Point
ANS1901A	2-3/32"	6-Point
ANS1920A	2-1/4"	6-Point
ANS1902A	2-3/8"	6-Point
ANS1903A	2-3/8"	6-Point
ANS1921A	2-1/2"	6-Point
ANS1928A*	2-9/16"	6-Point
ANS1904A	2-9/16"	6-Point
ANS1905A	2-9/16"	6-Point
ANS1922A	2-5/8"	6-Point
ANS1923A	2-3/4"	6-Point
ANS1924A	2-3/4"	8-Point
ANS1926A	2-13/16"	8-Point
ANS1932A	2-7/8"	6-Point
ANS1906A	3"	6-Point
ANS1907A	3"	8-Point

Stock No.	Nominal Size	Style
ANS1908A	3-1/4"	6-Point
ANS1909A	3-1/4"	8-Point
ANS1910A	3-1/2"	6-Point
ANS1911A	3-1/2"	8-Point
ANS1925A	3-3/4"	8-Point
ANS1927A	3-15/16"	8-Point
ANS1912A	3-7/8"	6-Point
ANS1913A	3-7/8"	8-Point
ANS1914A	4"	6-Point
ANS1915A	4-1/8"	6-Point
ANS1916A	4-3/8"	6-Point
ANS1917A	4-3/8"	8-Point
ANS1918A	4-7/8"	6-Point
ANS1919A	4-7/8"	8-Point

*Fits special "rounded" hex nuts on Dana® axles of some Ford® trucks

**For 1/2 ton vehicles with automatic locking nuts. Designed for late model Ford® vehicles. 3/4" square drive, 55 mm nominal size. Industrial finish.

TIRE AND WHEEL: AXLE NUT SOCKETS



S8695C



S6146



S6109A

Retaining Nut Sockets

S8695C Axle Nut Socket 4 Lug

- 1/2" square drive; 3-3/4" long
- For 1/2-ton vehicles with manual locking nuts
- For use on the front wheel bearing retaining nut on a Dana® 44 Series axle used on 1959-later GM®, Ford®, Dodge® and AMC
- Industrial finish
- Railroad applications: Used to install or remove the point detector bushing found on WABCO-M23B switch machines

S6146 1/2" Square Drive Axle Nut Socket 4 Lug

- Used for the front wheel bearing retaining nut on 3/4-ton vehicles with a Dana® 60 Series axle used on GM®, Ford® and Dodge® trucks
- 3-3/4" long
- Industrial finish

S6109A Axle Nut Socket 6 Lug

- Used for the front wheel bearing retaining nut on 3/4-ton vehicles with heavy-duty suspension
- Designed for use on GM®, Ford® and Dodge® trucks with a Dana® 70 Series axle
- 1/2" square drive; 3-3/4" long
- Industrial finish

SPANNER SOCKETS

Spanner Sockets (Blue-Point®)

For use with a torque wrench when servicing Chevrolet®, GM® and Ford® axles

Stock No.	Application	No. of Lugs	Outside Dia., inches	Square Drive, inches
ANS1929A	Chevrolet®/GMC® with 5,200 and 7,200 lb axles	6	2-5/8	3/4
ANS1930	Chevrolet®/GMC® with 11,000 and 13,500 lb axles	6	2-7/8	3/4
ANS7269A	1985-later Ford® F-250®/F-350® with floating Rear Axle	4	2-3/4	1/2



ANS1929A

TIRE AND WHEEL: SPINDLE NUT SOCKETS



SNS2467



SNS2770



SNS3195



SNS3246



YA6540

Spindle Nut Sockets

SNS2467 Spindle Nut Socket (Blue-Point®)

- Removes and installs four-slot axle lock nuts
- 1/2-3/4-ton Dana® 44 axle
- Socket I.D.: 2"
- 1/2" drive

SNS2770 Socket, Spindle Nut, 6 Lug, 4 Wheel Drive (Blue-Point®)

- Removes and installs four-slot front axle lock nuts
- 3/4-1-ton Dana® 44 axle
- Socket I.D.: 2-1/4"
- 1/2" drive

SNS3195 Spindle Nut Socket (Blue-Point®)

- For high-shear rotating nuts
- Socket I.D.: 2-3/8"

SNS3246 Socket, Spindle Nut, 4 Lug, 4 Wheel Drive (Blue-Point®)

- Removes and installs four-slot axle lock nuts
- 3/4-1-ton
- Socket I.D.: 2-1/4"
- 1/2" drive

Axle Lock Nut Removers

YA6540[†] Nut Remover Kit for Toyota®/Lexus® Vehicles Axle Locks

- Prevents damage to the axle shaft threads when removing the lock nut
- Unlocks and removes the 30 mm axle nuts from Toyota®/Lexus® vehicles
- Kit combines a 1/2" drive 12-point special depth 30 mm impact socket and a unique angle axle-nut release tool

YA6541[†] 1/2" Drive 30 mm Impact Socket (Blue-Point®)

YA6542[†] Lock Nut Release Tool (Blue-Point®)



- Do not use axle nut sockets with impact drivers.
- [†]These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Instructions on pages W1-W4.

TIRE AND WHEEL: SPINDLE NUT SOCKETS

Special Application Axle Nut Sockets (mm)



SIMDM300



IMDM320



IMDM390



SIMM360TW



Stock No.	Size, mm	Style	A	B	C	D	E
SIMDM300	30	12-Point	42.5	42.9	52.1	89.7	21.4
IMDM320	32	12-Point	45.7	45.7	54.8	50.8	29.8
IMDM390	39	12-Point	53.8	50.8	54.8	50.8	22.9
SIMM360TW	36	6-Point	47.2	45.8	72.8	88.9	22.9

ASME/ANSI B107.5m

SIMDM300 1/2" Drive 12-Point Metric 30 mm Flank Drive® Deep Axle Nut Impact Socket

- Applications include axle nut removal on Toyota® Avalon®, Camry®, Highlander® and Matrix®; Lexus® ES300; Pontiac® Vibe®; 1999-later VW® Beetle®, Jetta® and Golf®; 2004-later Dodge® Freightliner® Sprinter® vans with 215 mm rear axle
- Applications include automatic transmission tail output shafts for 2004 Chrysler® 300C® and Crossfire®; 2004 Dodge® Magnum®; 2005 Jeep®; Grand Cherokee® V6 models; Mercedes-Benz®
- Snap-on® impact sockets are heat-treated to optimize impact service life with a lower hardness than hand sockets and are able to withstand repeated cycling loads of impact wrenches
- Snap-on uses a proprietary blend of special alloy socket steel that provides long life and great strength
- Flank Drive® wrenching system delivers up to 20% more turning power without slipping or rounding, while exceeding ANSI® performance standards

IMDM320 1/2" Drive 12-Point Metric 32 mm Flank Drive® Shallow Impact Socket

- Applications include servicing axle nuts on 1992-1999 Mercedes-Benz® W140 chassis 5C and 5L Class; Porsche® Boxster®, Cayenne® and 944; plus 2007-later BMW® X3®, X5® and X6® Series vehicles
- Other uses include drive shaft nuts on 2003-later VW® Touareg® vehicles

IMDM390 1/2" Drive 12-Point Metric 39 mm Flank Drive® Shallow Impact Socket

- Applications include the front axle hub of 2007 Toyota® Tundra® 4WD; and servicing inner rack and pinion nuts on BMW® X5® and X6® vehicles

SIMM360TW 1/2" Drive 6-Point Metric 36 mm Flank Drive® Deep Axle Nut Impact Socket

- Thin wall design provides the extra room needed to remove and install the axle nut on Chevrolet® Sonic® vehicles



S6812

Special Application Axle Nut Sockets (mm)

S6812 1/2 Drive 12-Pin Axle Nut Spanner Socket

- For removal and installation of 12-pin axle nuts on 2019-current RAM® 3500 Dual Rear Wheel Trucks and RAM® 4500/5500 Chassis Cab Trucks
- Special geometry is incorporated into the socket to remove and tighten axle nuts to torque specifications
- Manufactured from special alloy steel in Elkmont, AL



SIM540A

Special Application Axle Nut Sockets (inches)

SIM540A 6-Point Axle Nut Socket

- For the removal or installation of 1996-later Dodge® truck axle nuts
- For use on truck and bus wheel applications
- Flank Drive® wrenching design
- 1/2" square drive

Wheel Hub Lock Tool

WLT1 Wheel Hub Lock Tool (Blue-Point®)

- Eliminates the need for an assistant to hold the brake pedal while axle nuts are removed or installed
- Works on any vehicle with wheel stud bolt patterns ranging from 4 x 100 mm to 8 x 170 mm
- 1 pc design with incorporated cushioned-grip handle for comfort and ease of use
- Can also be used to hold the rear differential yoke on solid axle vehicles during pinion seal or bearing service, as well as many other types of machines with drive shafts, yokes and universal joints



WLT1



YA6545

Staked Axle Nut Punches

YA6545 Staked Axle Nut Punch Set (Blue-Point®)

- Punches release and stake the crush-type axle nuts found on many vehicles
- Using punches with an air hammer makes it easy to fully disengage the axle nut crimp, reducing damage to the threads
- Fully crimps the nut eliminating axle nuts
- Tool has right size and shape to fully lock nut in place during re-staking
- Saves time and money on broken screwdrivers

TIRE AND WHEEL: SHACKLE PIN

Shackle Pin Impact Sockets

SPS10A 1/2" Drive SAE 41/64" Shackle Pin Impact Socket

- Designed with an oval configuration to service shackle pins on International® and Kenworth® semitrucks

SPS11A 1/2" Drive SAE 21/32 x 1-17/32" Shackle Pin Impact Socket

- Socket opening is 21/32 x 1-17/32"; 1-3/4" long

SPS12 1/2" Drive SAE 3/4 x 1-9/32" Shackle Pin Impact Socket

- For use on Freightliner® 120 Series and trucks with newer large spring bolts
- Impact rated 1/2" drive
- Socket opening is 3/4 x 1-9/32"; 1-3/4" long

SPS13 Spring Shackle Pin Socket

- Used to remove and install spring shackle pins on front suspensions of Volvo® truck and VN420/6'0/660/770 Daycab vehicles
- Hardened pins for engaging the shackle pin



LUG/RETAINING NUT



HDLUGSET2

Heavy-Duty Truck Wheel Lug Sockets

HDLUGSET1 Heavy-Duty Lug Socket Set

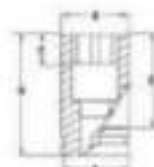
- Includes SIM383, SIM403, SIM483B, SIMM333, SIMM383, plus BW726A and BWD483
- Flank Drive® wrenching system
- Alloy steel combines strength and durability
- All sockets are 1" square drive

HDLUGSET2 9 pc 3/4" Drive Flank Drive® Heavy-Duty Lug Socket Set

- Includes SIM342, SIM482, SIMM332, SIMM382, SIMM412 and DW402C, plus BW626A, BWD482 and BWDM412 in a PAKPB063 Storage Case
- Flank Drive® wrenching system
- Alloy steel combines strength and durability
- All sockets 3/4" square drive



S6840



Lug Nut Removal Sockets, Magazine Loading S6840 Magazine Loading Lug Nut Removal Socket

- Flank Drive® wrenching system grips the fastener on the flanks/flats to increase torque and prevents the fastener from rounding, increasing the life of the socket
- Saves the technician time by housing the five lug nuts as they are removed—one at a time—from the wheels on Flexivan™ chassis trailers

TIRE AND WHEEL: BUDD WHEEL

Budd Wheel Impact Sockets

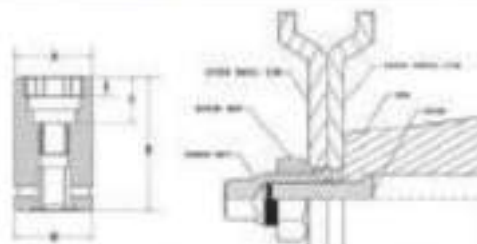
- 6-point and square openings are combined
- For use with the socket retainers listed below
- Industrial finish



BWD482

BWDM412

BWD5483



Stock No.	A	B	D	E	F	Hex Size	Square Size	Square Drive
BWD482	2-7/32	1-3/4	4	5/8	1-11/16	1-1/2	13/16	3/4
BWD483	2-15/64	2-15/64	4	5/8	1-11/16	1-1/2	13/16	1
BWDM412	2-11/32	1-3/4	4-1/8	17/32	1-43/64	41 mm	21 mm	3/4
BWD5483	2-15/64	2-15/64	4	5/8	1-9/64	1-1/2	13/16	1
BW630	1-13/32	1-5/8	2-1/8	1-9/64	—	—	13/16	3/4

BWDM412 3/4" Square Drive 6-Point Metric 21 mm Square Budd Wheel Impact Socket

- For 1986-later Nissan® and Isuzu® Class 4, 5, 6 and 7
- Impact sockets are heat-treated to a low hardness range compared to chrome sockets so that under heavy, continuous use, the impact socket will withstand the impact blows and wear rather than break

BWD5483 1" Square Drive 6-Point SAE 13/16" Square Budd Wheel Impact Socket

- Dual-opening socket allows for just one socket to remove the outer hex nut and the inner square nut used on Budd wheel assemblies for semi trucks and buses
- Flank Drive® wrenching configuration
- Special alloy steel for strength and durability
- The BWD5483 is designed to engage short inner nuts; use the BWD483 for long inner nuts



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
• Read Safety Precautions on pages W1-W4

TIRE AND WHEEL: BUDD WHEEL



Stud Remover and Installers

WSK12[†] Stud Installer/Rethread Kit (Blue-Point[®])

- Self-centering units permit quick installation the first time
- Helps eliminate damage to threads
- Designed for use with an impact wrench
- Set replaces both the WSK755 and WSK938 sets
- Packaged in a blow-molded box for easy storage

BWS1316A Stud Remover (Blue-Point[®])

- Use on 13/16" studs on Budd wheels

Impact Sockets

- For use with the socket retainers listed below
- Industrial finish
- Snap-on[®] impact sockets are heat-treated to a lower hardness to add impact resistance and ductility
- Superior wall construction absorbs repeated impact cycling loads
- Flank Drive[®] wrenching system provides flat-to-flat contact for up to 20% more turning power
- 6-point sockets engage fasteners every 60° for better turning power
- Always use impact sockets with impact guns to prevent injury and socket damage



Stock No.	Square Drive, inches	Lug Nut Size	Length
BW626A	3/4	13/16" Square	4"
BW726A	1	13/16" Square	2-5/4"
IM562	3/4	1-3/4" Hex	2-3/4"
SIMM332	3/4	33 mm Hex	83 mm
SIMML330	1/2	33 mm Hex	152.4 mm
SIMML332	3/4	33 mm Hex	152.4 mm
SIMML333	1	33 mm Hex	152.4 mm

IMPACT SOCKET RETAINERS



IM182P



IM182R



IMR2

Impact Socket Retainers

Stock No.	Description	Square Drive, inches
IM182P	Steel Locking Pin	3/4
IM182R	Rubber Locking Ring	3/4
IM243P	Steel Locking Pin	1
IM243R	Synthetic Rubber Locking Ring	1
IMR2	Socket Retainer	3/4
IMR3	Socket Retainer	1

For use on SIM, IM, IMM and SIMM sockets and other accessories.

TIRE AND WHEEL: GENERAL SERVICE TOOLS



B2193

Toyota[®]/Lexus[®] Carrier Assembly Socket

B2193 3/8" Drive 5-Point Spare Tire Carrier Assembly Socket

- Tough nickel-chrome plating provides corrosion resistance
- Special-alloy steel provides the highest match of strength and durability
- Lower and remove the spare tire from the carrier assembly on various Toyota[®] and Lexus[®] vehicles for PDI (pre-delivery inspection)
- Great time saver for PDI when selling a new vehicle or checking the air pressure of the spare tire
- Saves time when doing an oil change and the air pressure of the spare tire is checked as part of the service
- 4" long

TIRE AND WHEEL: GENERAL SERVICE TOOLS



Rim Tools

TR100 Rim Tool

- For use on split rims and rim lock rings
- One end is angled, the other is straight
- 19-1/8" long, with 9/16" and 5/8" wide ends

TR102 Rim Tool

- For drop center rims
- 18" long, with a 1-3/8" wide end



Cotter Pin Pullers

SGCP1BR Soft Grip Cotter Pin Puller

- Makes short work of pulling even large pins
- Heat-treated shank provides maximum strength
- 10" long

S9094B Cotter Pin Puller

- Pins are removed by hitting the anvil sharply
- Side handle ensures a firm grip
- 10" long
- Replaceable steel hook

CP9 Cotter Pin Puller

- 38° angle end pries cotter pin loose
- 105° angle end pulls it out
- 10" long



Truck Wheel Pan

TWP8 Truck Wheel Pan (Blue-Point™)

- Helps prevent messes and spills
- Fits rims with 13-3/4" inside diameter or larger for use on most large trucks and trailers
- Holds 88 oz of oil
- Pan will not warp if the oil is warm
- Compartment above the handles holds the hub nuts



Dust Cap

GCP10⁺ Grease and Dust Cap Tool

- Tapered jaws of the tool fit behind the crimped edge of the grease cap
- One handle is designed for prying hub caps loose



Wheel Chocks

YA9020A Truck Wheel Chocks

- Heavy-duty truck chocks are connected by a 10' nylon rope and measure 8" wide and 8" high overall
- Non-slide design



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
• Read Safety Precautions on pages W1-W11