

WAREHOUSE SOLUTIONS



2011

MAC TOOLS

LIMITED WARRANTY

Mac Tools warrants any of its manufactured product for the expected life of the product against deficiency in material or workmanship.

This warranty is subject to the disclaimers and limitations on liability described below. This LIMITED WARRANTY gives you specific legal rights. You may also have other rights which vary by state. Some states do not allow the limitation or exclusion of incidental or consequential damages, or the duration of implied warranties.

DISCLAIMERS AND LIMITATIONS

This LIMITED WARRANTY does not extend to product manufactured by Mac Tools that in Mac Tools judgment was improperly used, altered, abused, or repaired by others.

Products not manufactured by Mac Tools are not warranted by Mac Tools. The exclusive warranty on products distributed by Mac Tools are those provided by the manufacturing supplier.

There is no warranty which extends beyond those described herein. Mac Tools makes no representations of any other kind, express or implied, regarding products manufactured or distributed, of merchantability, fitness for a particular purpose, or any other matter. Mac Tools is not liable for incidental or consequential costs or losses incurred by the product purchaser or user.

Agents of Mac Tools have no authority to make representation of any sort beyond those contained herein.

The product price is in consideration of limiting Mac Tools liability for product manufactured or distributed.

EXCLUSIVE REMEDY AND CLAIM PROCEDURE

The exclusive remedy for a product that fails to perform as warranted is repair or replacement by Mac Tools. There will be no charge, if the product is returned to a Mac Tools representative or warehouse, postage or freight prepaid.

QUESTIONS

Direct any questions about this LIMITED WARRANTY including questions about a specific product's expected life to:

Customer Service Department
Mac Tools
505 N. Cleveland Ave.
Westerville, OH 43082

SPECIAL NOTICES

Safety begins with the user. Important instructional and precautionary information is contained throughout our catalog.

WARNING: Brass products contain lead, a chemical known to the State of California to cause cancer and birth defects (or other reproductive harm).

SAFETY INFORMATION

Mac Tools is committed to helping you get the job done efficiently—and safely.

Unsafe hand tool use can cause on-the-job injuries. Safe tool use prevents accidents and prolongs the life of your tools.

BE RESPONSIBLE

Safety begins with the user. Learn how to use your tools properly. Take precautions to eliminate personal injury and costly damage. Damaged or worn tools must be discarded and replaced for your own safety.

Important proper tool use and personal safety information is contained throughout this catalog.

For information for the distributor or sales representative nearest you or for information on joining the Mac Tools sales force, call:

In U.S. and Canada 1-800-Mac Tools
In Japan 0120-371660
In United Kingdom 44-1604-785685

Mac Tools will incorporate design and construction change, including the discontinuance of product production or distribution, as necessary.



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GP103RA 3-PC. ASSORTED DRIVE REDUCING SET

Contains: 1/4" Female x 3/8" Male, 3/8" Female x 1/2" Male, 1/2" Female x 3/4" Male.



GP1242RD 42-PC. 3/8" DRIVE STANDARD AND DEEP LENGTH MASTER SET

Contains: 5/16" - 3/4" and 8mm - 19mm.



GP9728M 28-PC. 3/8" DRIVE STANDARD AND DEEP METRIC SET

Contains: 4mm - 15mm.



GP1234T 12-PC. 1/4", 3/8", 1/2" DRIVE MASTER STAR SET

Contains: T10, T15, T20, T25, T27, T30, T40, T45, T47, T50, T55, T60.



GP1298HC 13-PC. 3/8" DRIVE FRACTIONAL & METRIC HEX DRIVER SET

Contains: 3/16" - 1/2" and 4mm - 12mm.

GP1297H 7-PC. 3/8" DRIVE FRACTIONAL HEX DRIVER SET (not shown)

Contains: 3/16" - 1/2".

GP1297MH 7-PC. 3/8" DRIVE METRIC HEX DRIVER SET (not shown)

Contains: 4mm - 12mm.



GP9748 48-PC. 1/4" DRIVE STANDARD AND DEEP LENGTH MASTER SET

Contains: 3/16" - 9/16" and 4mm - 15mm.



GP1213D 12-PC. 3/8" DRIVE DEEP LENGTH FRACTIONAL SET

Contains: 5/16" - 1".

GP1213 12-PC. 3/8" DRIVE STANDARD LENGTH FRACTIONAL SET (not shown)

Contains: 5/16" - 1".

GP1210UM 10-PC. 3/8" DRIVE STANDARD LENGTH METRIC UNIVERSAL SET

Contains: 10mm - 19mm.



GP1610UM 10-PC. 3/8" DRIVE 12 POINT STANDARD LENGTH METRIC UNIVERSAL SET (not shown)

Contains: 10mm - 19mm.

GP1210UMD 10-PC. 3/8" DRIVE DEEP LENGTH METRIC UNIVERSAL SET (not shown)

Contains: 10mm - 19mm.



GP9771 71-PC. 1/4" DRIVE MASTER SET

Contains: 3/16" - 9/16" and 4mm - 15mm. Standard, Deep and Universals.



GP1213MD 13-PC. 3/8" DRIVE DEEP LENGTH METRIC SET

Contains: 7mm - 19mm.

GP1213M 13-PC. 3/8" DRIVE STANDARD LENGTH METRIC SET (not shown)

Contains: 7mm - 19mm.

GP1212U 12-PC. 3/8" DRIVE STANDARD LENGTH FRACTIONAL UNIVERSAL SET

Contains: 5/16" - 1".



GP1612U 12-PC. 3/8" DRIVE 12 POINT STANDARD LENGTH FRACTIONAL UNIVERSAL SET (not shown)

Contains: 5/16" - 1".



GP9712UM 12-PC. 1/4" DRIVE STANDARD LENGTH METRIC UNIVERSAL SET

Contains: 5mm - 14mm.



GP1226M 26-PC. 3/8" DRIVE STANDARD AND DEEP METRIC SET

Contains: 7mm - 19mm.

GP1212UD 12-PC. 3/8" DRIVE DEEP LENGTH FRACTIONAL UNIVERSAL SET (not shown)

Contains: 5/16" - 1".



GP1312D 13-PC. 1/2" DRIVE DEEP LENGTH FRACTIONAL SET

Contains: 7/16" - 1-1/4".

GP1312 13-PC. 1/2" DRIVE STANDARD LENGTH FRACTIONAL SET (not shown)

Contains: 1/2" - 1-1/4".



GP1319 19-PC. 1/2" DRIVE STANDARD LENGTH FRACTIONAL MASTER SET

Contains: 3/8" - 1-1/2".

GP1719 19-PC. 1/2" DRIVE 12 POINT STANDARD LENGTH FRACTIONAL SET (not shown)

Contains: 3/8" - 1-1/2".



GP1708SN 8-PC. 1/2" DRIVE 12 POINT SPINDLE NUT SET

Contains: 29mm, 30mm, 32mm, 34mm, 35mm, 36mm, 38mm and 39mm.

GP1705SN 5-PC. 1/2" DRIVE 6 POINT SPINDLE NUTSET (not shown)

Contains: 30mm, 32mm, 34mm, 35mm and 36mm.



GP1412MD 14-PC. 1/2" DRIVE DEEP LENGTH METRIC SET

Contains: 10mm - 27mm.

GP1412M 14-PC. 1/2" DRIVE STANDARD LENGTH METRIC SET (not shown)

Contains: 10mm - 27mm.



GP1319D 19-PC. 1/2" DRIVE DEEP LENGTH FRACTIONAL MASTER SET

Contains: 3/8" - 1-1/2".

GP1719D 19-PC. 1/2" DRIVE 12 POINT DEEP LENGTH FRACTIONAL MASTER SET (not shown)

Contains: 3/8" - 1-1/2".



GP1326M 26-PC. 1/2" DRIVE STANDARD LENGTH METRIC MASTER SET

Contains: 10mm - 36mm.

GP1726M 26-PC 1/2" DRIVE 12 POINT STANDARD LENGTH METRIC MASTER SET (not shown)

Contains: 10mm - 36mm.



GP1328RD 28-PC. 1/2" DRIVE STANDARD AND DEEP LENGTH FRACTIONAL SET

Contains: 7/16" - 1-1/4".



GP1313UM 13-PC. 1/2" DRIVE STANDARD LENGTH METRIC UNIVERSAL SET

Contains: 12mm - 24mm.

GP1713UM 13-PC. 1/2" DRIVE 12 POINT STANDARD LENGTH METRIC UNIVERSAL SET (not shown)

Contains: 12mm - 24mm.



GP1326MD 26-PC. 1/2" DRIVE DEEP LENGTH METRIC MASTER SET

Contains: 10mm - 36mm.

GP1726MD 26-PC. 1/2" DRIVE 12 POINT DEEP LENGTH METRIC MASTER SET (not shown)

Contains: 10mm - 36mm.



GP1430MRD 30-PC. 1/2" DRIVE STANDARD AND DEEP LENGTH METRIC SET

Contains: 10mm - 24mm.



GP1314U 14-PC. 1/2" DRIVE STANDARD LENGTH FRACTIONAL UNIVERSAL SET

Contains: 7/16" - 1-1/4".

GP1714U 14-PC. 1/2" DRIVE 12 POINT STANDARD LENGTH FRACTIONAL UNIVERSAL SET (not shown)

Contains: 7/16" - 1-1/4".

HAND TOOLS



1/2"

3/4"



GP1598HC 18-PC. 1/2" DRIVE FRACTIONAL AND METRIC HEX DRIVER SET

Contains: 1/4" - 3/4" and 6mm - 19mm.



GP1398H 10-PC. 1/2" DRIVE FRACTIONAL HEX DRIVER SET

Contains: 1/4" - 3/4".

GP1498MH 10-PC. 1/2" DRIVE METRIC HEX DRIVER SET (not shown)

Contains: 6mm - 19mm.



GP8029 29-PC. 3/4" DRIVE STANDARD LENGTH FRACTIONAL MASTER SET

Contains: 3/4" - 2-1/2".

GP8029D 29-PC. 3/4" DRIVE DEEP LENGTH FRACTIONAL MASTER SET (not shown)

Contains: 3/4" - 2-1/2".



1/4"

3/8"

The thin wall design of chrome hand sockets has been combined with the strength and durability of GP Impact Sockets to create DUO-SOCKET®. Built specifically to address the needs of the professional technician using hand tools, cordless impact tools and air tools; DUO-SOCKET® provides one socket for all applications.



GP8912BRQ 3-PC. PRECISION RATCHET SET

Contains: 1/4" Ratchet, 3/8" Ratchet, 1/2" Ratchet.



GP89653CRD 53-PC. 1/4" DRIVE MASTER DUO-SOCKET® SET

Contains: 3/16" - 9/16" and 4mm - 15mm. 1/4" Drive Precision Ratchet. 2", 4" and 6" Wobble Extensions. Wobble Spinner Handle.



GP89631MRD 31-PC. 1/4" DRIVE METRIC STANDARD AND DEEP DUO-SOCKET® SET

Contains: 4mm - 15mm. 1/4" Drive Precision Ratchet. 2" and 6" Wobble Extensions.



GP81659CRD 59-PC. 3/8" DRIVE MASTER DUO-SOCKET® SET

Contains: 5/16" - 1" and 7mm - 22mm. 3/8" Drive Precision Ratchet. 3" and 6" Wobble Extensions.



GP81635MRD 35-PC. 3/8" DRIVE STANDARD AND DEEP METRIC DUO-SOCKET® SET

Contains: 7mm - 22mm. 3/8" Drive Precision Ratchet. 3" and 6" Wobble Extensions.



GP81627RD 27-PC. 3/8" DRIVE STANDARD AND DEEP FRACTIONAL DUO-SOCKET® SET

Contains: 5/16" - 1". 3/8" Drive Precision Ratchet. 3" and 6" Wobble Extensions.



SERVICE WRENCH SETS

Drop forged alloy steel. Thin and short for ease of use. In nylon canvas pouch.

V8T9215 15-PC. SAE SET

Contains: 7/8" - 1-5/8".

V8T9515 15-PC. METRIC SET (not shown)

Contains: 20mm - 36mm.

V8T9212 12-PC. JUMBO SAE SET (not shown)

Contains: 1-11/16" - 2-5/8".



ANGLE WRENCH SETS

Full polish. Thin blade. In nylon canvas pouch.

V8T214 14-PC. SAE SET

Contains: 3/8" - 1-1/4", 30°/60°.

V8T816 16-PC. METRIC SET (not shown)

Contains: 8mm - 23mm, 30°/60°.

V8T819 9-PC. JUMBO METRIC SET (not shown)

Contains: 24mm - 32mm, 30°/60°.

V8T9810 10-PC. JUMBO SAE SET (not shown)

Contains: 1-5/16" - 2".



COMBINATION WRENCH SETS

Full polish. In nylon canvas pouch.

V8T9415 15-PC. LONG SAE SET

Contains: 3/8" - 1-1/4", with 1-3/16".

V8T9017 17-PC. STANDARD LENGTH SAE SET (not shown)

Contains: 1/4" - 1-1/4", with 1-3/16".

V8T9317 17-PC. STANDARD LENGTH METRIC SET (not shown)

Contains: 8mm - 24mm.

V8T9404 4-PC. LONG JUMBO SAE SET (not shown)

Contains: 1-5/16" - 1-1/2".

V8T9111 11-PC. LONG METRIC SET (not shown)

Contains: 10mm - 20mm.

V8T9109 9-PC. LONG METRIC SET (not shown)

Contains: 21mm - 29mm.

V8T9105 5-PC. LONG JUMBO METRIC SET (not shown)

Contains: 30mm, 32mm, 34mm, 35mm and 36mm.



SUPER THIN WRENCH SETS

Very thin design, made of very strong manganese alloy steel, polished. In nylon canvas pouch.

V8T8109 9-PC. METRIC SET

Contains: 8mm - 32mm, 18 sizes.

V8T8307 7-PC. SAE SET (not shown)

Contains: 3/8" - 1-1/4", 14 sizes.



CROWFOOT WRENCH SETS

Drop forged steel. Holding hole on the square drive holds the ball or pin on an extension.

V8T7814 14-PC. 1/2" DRIVE SAE JUMBO SET IN TRAY

Contains: 1-1/16" - 2".

V8T7917 17-PC. 1/2" DRIVE METRIC SET IN TRAY (not shown)

Contains: 20mm - 46mm.

V8T7711 11-PC. 3/8" DRIVE SAE SET IN BOX (not shown)

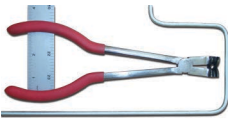
Contains: 3/8" - 1".

V8T7412 12-PC. 3/8" DRIVE METRIC SET IN BOX (not shown)

Contains: 8mm - 19mm.

TUBING BENDER/PLIERS

Unique design allows sharper bends without damaging the tube. Widely spaced handles make clean, sharp compound bends. Holds the tube firmly to align and adjust while starting the fittings. Patent pending.



V8T806 3/16" TUBING BENDER

V8T808 1/4" TUBING BENDER (not shown)

V8T809 5/16" TUBING BENDER (not shown)



BREAKER BARS

Long and strong.

V8T41024 1/2" DRIVE BREAKER BAR, 24"

V8T41036 3/4" DRIVE BREAKER BAR, 36" (not shown)

V8T4210 10-TON STRAIGHT BAR PULLER

- 4 sets of jaws.
- Long and short forcing screw.
- Highly versatile.



V8T4205 5-TON STRAIGHT BAR PULLER (not shown)

- 9" spread.
- 3 sets of jaws.
- Highly versatile.

V8T3001 LARGE HOSE CUTTER

Cuts 0.1" to 3" fiber reinforced rubber hose, patented.



V8T30010 BRACKET FOR HOSE CUTTER (not shown)

For mounting hose cutter on a bench.

V8T30011 REPLACEMENT BLADE (not shown)

Tungsten or high hardness stainless steel blade.



FLARE NUT/OPEN-END COMBO WRENCH SETS

Thick and strong for fittings. In nylon canvas pouch.

V8T8211 11-PC. SAE SET

Contains: 3/8" - 1".

V8T8811 11-PC. METRIC SET (not shown)

Contains: 8mm - 19mm.



V8T3822 SUPER CHARGED MAGNETIC PICK-UP TOOL

Telescopic, powerful small head with patented super-charger.



SU1814 12-PC. 1/4" DRIVE METRIC UNIVERSAL IMPACT SOCKET SET

Contains: 5mm, 5.5mm, 6mm - 15mm.



SU1830 10-PC. 1/4" DRIVE SAE DEEP MAGNETIC IMPACT SOCKET SET

- Sockets include a spring loaded magnet that retracts into the socket for extended bolt applications.

Contains: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" and 9/16".



SU1831 14-PC. 1/4" DRIVE METRIC DEEP MAGNETIC IMPACT SOCKET SET (not shown)

Contains: 4mm, 4.5mm, 5mm, 5.5mm, 6mm - 15mm.

SU1874 74-PC. 1/4" DRIVE SAE AND METRIC MASTER IMPACT SOCKET SET

Contains: Standard SAE: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" and 9/16"; Standard Metric: 4mm, 4.5mm, 5mm, 5.5mm and 6mm - 15mm; Deep SAE: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2" and 9/16"; Deep Metric: 5.5mm, 6mm - 15mm; Universal SAE: 1/4", 5/16", 3/8", 7/16", 1/2" and 9/16"; Universal Metric: 5mm, 5.5mm, 6mm - 15mm; Internal Star: T10, T15, T20, T25, T27 and T30; Extension Bar: 2", 4" and 6"; Universal Joint; 3/8" Adapter. (Adapters are not under warranty.)



SU2343 SUPER REDUCER ADAPTER SET

Engineered to dramatically increase durability, these reducers outlast the competition. INCLUDES 3 DRIVE SIZES: MODE / DRIVE SIZE 2303 / 1/2" F x 3/8" M 3303 / 3/8" F x 1/4" M 4305 / 3/4" F x 1/2" M.



SU2504 4 PC. 1/2" DRIVE IMPACT WOBBLE EXTENSION SET

Wobble drive provides 15° offset in all directions. CR-MO alloy steel for long life.

Contains: 3" 5" 10" 15".



SU3504 4 PC. 3/8" DRIVE IMPACT WOBBLE EXTENSION SET (not shown)

Wobble drive provides 15° offset in all directions CR-MO alloy steel for long life.

Contains: 3" 5" 10" 15".

SU2637 20-PC. 1/2" DRIVE IMPACT HEX DRIVER MASTER SET

Contains: 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4"; 6mm, 7mm, 8mm, 10mm, 12mm, 14mm, 15mm, 17mm, 18mm and 19mm.



SU2638 10-PC. 1/2" DRIVE SAE HEX DRIVER SET (not shown)

Contains: 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16" and 3/4".

SU2639 10-PC. 1/2" DRIVE METRIC HEX DRIVER SET (not shown)

Contains: 6mm, 7mm, 8mm, 10mm, 12mm, 14mm, 15mm, 17mm, 18mm and 19mm.

SU2641 19-PC. 1/2" DRIVE SAE DEEP IMPACT SOCKET SET

Contains: 3/8" - 1-1/2".



SU2640 19-PC. 1/2" DRIVE SAE IMPACT SOCKET SET (not shown)

Contains: 3/8" - 1-1/2".

SU2646 26-PC. 1/2" DRIVE METRIC DEEP IMPACT SOCKET SET

Contains: 10mm - 24mm, 26mm - 30mm, 32mm - 36mm.



SU2645 26-PC. 1/2" DRIVE METRIC IMPACT SOCKET SET (not shown)

Contains: 10mm - 24mm, 26mm - 30mm, 32mm - 36mm.

SU2651 13-PC. 1/2" DRIVE SAE DEEP IMPACT SOCKET SET

Contains: 7/16" - 1-1/4".



SU2650 13-PC. 1/2" DRIVE SAE IMPACT SOCKET SET (not shown)

Contains: 7/16" - 1-1/4".

SU2653 14-PC. 1/2" DRIVE METRIC DEEP IMPACT SOCKET SET

Contains: 10mm - 19mm, 21mm, 22mm, 26mm and 27mm.



SU2652 14-PC. 1/2" DRIVE METRIC IMPACT SOCKET SET (not shown)

Contains: 10mm - 19mm, 21mm, 22mm, 26mm and 27mm.

SU2665 13-PC. 1/2" DRIVE METRIC UNIVERSAL IMPACT SOCKET SET

Contains: 12mm - 24mm.



SU2644 14-PC. 1/2" DRIVE SAE UNIVERSAL IMPACT SOCKET SET (not shown)

Contains: 7/16" - 1-1/4".

SU2669 39-PC. 1/2" DRIVE METRIC MASTER IMPACT SOCKET SET

Contains: 19 Standard Sockets: 9mm - 24mm, 26mm, 27mm and 30mm; 19 Sockets: 9mm - 24mm, 26mm, 27mm and 30mm; Universal joint.



SU2668 39-PC. 1/2" DRIVE SAE MASTER IMPACT SOCKET SET (not shown)

Contains: 19 Standard Sockets: 3/8" - 1-1/2"; 19 Deep Sockets: 3/8" - 1-1/2"; Universal joint.

SU2690 16-PC. 1/2" DRIVE SAE IMPACT SOCKET SET

Contains: 1-5/16" - 2-1/4".



SU2691 16-PC. 1/2" DRIVE SAE DEEP IMPACT SOCKET SET (not shown)

Contains: 1-5/16" - 2-1/4".

SU2693 12-PC. 1/2" DRIVE METRIC DEEP IMPACT SOCKET SET

Contains: 23mm - 28mm, 30mm, 32mm - 36mm.



SU2692 12-PC. 1/2" DRIVE METRIC IMPACT SOCKET SET (not shown)

Contains: 23mm - 28mm, 30mm, 32mm - 36mm.



SU212ZUMDL 1/2" DRIVE FORD DRIVE LINE IMPACT SOCKET

This socket will work on the following Ford models - Mustang, Crown Victoria, Expedition, Excursion, Explorer, Ranger, F150 and all Mercury equivalents from 1980's to the present. It is not applicable for F250 and larger super duty trucks. The universal design is the key to making this an easier job to handle. 12mm, 12 point, Universal joint, 4-9/16" length.



SU3330 29-PC. 3/8" DRIVE 12 POINT METRIC IMPACT SOCKET SET

Contains: 14 Standard Sockets: 8mm - 19mm, 21mm, 22mm; 14 Deep Sockets: 8mm - 19mm, 21mm, 22mm; Universal joint.



SU2837 4-PC. 1/2" DRIVE METRIC DEEP 12 POINT SPINDLE NUT IMPACT SOCKET SET

- 12 point design.
- Set provides the most common size sockets used on today's spindle nut applications.

Contains: 30mm, 32mm and 34mm.



SU3326 25-PC. 3/8" DRIVE 12 POINT SAE IMPACT SOCKET SET

Contains: 12 Standard Sockets: 5/16" - 1"; 12 Deep Sockets: 5/16" - 1"; Universal joint.

SU3657 10-PC. 3/8" DRIVE METRIC UNIVERSAL IMPACT SOCKET SET

Contains: 10mm - 19mm.



SU2835 8-PC. 1/2" DRIVE 12 POINT SPINDLE NUT IMPACT SOCKET SET (not shown)

Provide the user with the extra versatility to tackle Spindle Nut Applications on Toyota Tundra, Toyota Sequoia, Toyota Tacoma, Lexus LX570, as well as spindle nut applications for most other vehicles. Contains: 29, 30, 32, 34, 35, 36, 38, and 39mm deep 12 point Spindle Nut Impact Sockets

SU3675 13-PC. 3/8" DRIVE 12 POINT METRIC STANDARD IMPACT SOCKET SET

Contains: 7mm - 19mm.



SU2849 9-PC. 1/2" DRIVE EXTRA THIN WALL WHEEL PROTECTOR IMPACT SOCKET SET

- Durable outer sleeve and insert protects high polished wheels and lug nuts from damage.
- CR-MO alloy steel for long life.
- Fully guaranteed.

Contains: 6 SAE Sockets: 3/4" (light green), 13/16" (purple), 7/8" (green), 15/16" (brown), 1" (silver), 1-1/16" (black); 3 Metric Sockets: 17mm (blue), 19mm (yellow) and 21mm (red).



SU3674 12-PC. 3/8" DRIVE 12 POINT SAE STANDARD IMPACT SOCKET SET (not shown)

Contains: 5/16" - 1".

SU3691 13-PC. 3/8" DRIVE 12 POINT METRIC UNIVERSAL IMPACT SOCKET SET

Contains: 7mm - 19mm.



SU3329 29-PC. 3/8" DRIVE METRIC MASTER IMPACT SOCKET SET

Contains: 14 Standard Sockets: 8mm - 19mm, 21mm, 22mm; 14 Deep Sockets: 8mm - 19mm, 21mm, 22mm; Universal joint.



SU3325 25-PC. 3/8" DRIVE SAE MASTER IMPACT SOCKET SET (not shown)

Contains: 12 Standard Sockets: 5/16" - 1"; 12 Deep Sockets: 5/16" - 1"; Universal joint.

SU4683 17-PC. 3/4" DRIVE SAE HEAVY-DUTY IMPACT SOCKET SET

Contains: 1" - 2".



SU4684 17-PC. 3/4" DRIVE METRIC HEAVY-DUTY IMPACT SOCKET SET (not shown)

Contains: 26mm - 30mm, 32mm, 33mm, 35mm, 36mm, 38mm, 40mm - 46mm.

SU4695 29-PC. 3/4" DRIVE SAE DEEP IMPACT SOCKET SET

Contains: 3/4" - 2-1/2".

- Heavy-duty blow mold case.
- Wheel kit and grip handle for easy maneuvering.



SU4696 29-PC. 3/4" DRIVE SAE IMPACT SOCKET SET (not shown)

Contains: 3/4" - 2-1/2".

- Wheel kit and grip handle for easy maneuvering.
- Heavy-duty blow mold case.

SU3704 3 PC. 11" SPECIALTY PLIERS SET

- Heavy duty canvas pouch for convenient storage.
- Extra long for access into limited clearance areas.
- Soft comfort grip handles.
- Heat treated forged alloy steel for strength and performance.
- Guaranteed and available either as a set or individually.



Contains: diagonal cutter; 3/8" - 3/4" slip joint hose gripper; 3/4" - 1-1/4" slip joint hose gripper.

SU3916 PILOT BEARING PULLER

- Designed to pull flywheel pilot bearings in confined spaces where a slide hammer puller cannot be used.
- Applicable for use on most models with engine in chassis Jaw Spread.
- 1" to 1-1/2", I.D. Reach 3/4".



SU3918 REVERSIBLE SLIDE HAMMER PULLER

- Versatile puller that is great for pulling applications involving gears, bearings, outer races, grease retainers, and oil seals.
- Reversible 2/3 jaw may be used to perform inside and outside pulling jobs.
- Hammer Weight (Lbs.) 2-1/2 LBS.
- 2/3 Way Head Length 27".





SU3920 SEAL AND BEARING DRIVER SET

- Set provides proper size driver for nearly all automotive seal, bearing, or bushing installation jobs.
- Range of 5/8" to 2" diameter discs is perfect for automotive service.
- Contains: discs, handles, spacers and drivers.



SU3930 MASTER BRAKE CALIPER TOOL SET

- Contains caliper adapters that range from 1-3/16" to 2-1/2" as well as adapters specifically designed to service Nissan, Saab, and Honda models.
- Contains a caliper rotation tool with left hand threads which are especially useful when working on 2004-2007 Ford Freestyle, 500, 2008 Taurus, and Taurus X models.
- Significantly reduces brake job completion time.

1/2" DRIVE JUMBO CROWFOOT WRENCH SETS

- Fully polished drop forged alloy steel.
- Also available individually.



SU9720 7-PC. SAE SET

Contains: 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-3/8" and 1-1/2".

SU9722 6-PC. SAE SET (not shown)

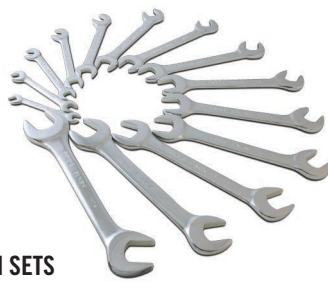
Contains: 1-5/8", 1-3/4", 1-7/8", 2", 2-1/8" and 2-1/4".

SU9730 8-PC. METRIC SET (not shown)

Contains: 24mm - 30mm and 32mm.

SU9740 7-PC. METRIC SET (not shown)

Contains: 34mm, 35mm, 36mm, 38mm, 41mm, 42mm and 46mm.



ANGLED WRENCH SETS

- Canvas pouch included.
- Fully polished drop forged alloy steel.
- 15° and 60° angled ends for added convenience.
- Wrenches guaranteed and available individually.

SU9914 14-PC. SAE SET

Contains: 3/8" - 1-1/4".

SU9914M 14-PC. METRIC SET (not shown)

Contains: 6mm - 19mm.



HALF MOON STYLE DOUBLE BOX END WRENCH SETS

- Curved design for maximum access in confined areas.
- Canvas pouch included.
- Fully polished drop forged alloy steel.
- Wrenches guaranteed and available as set or individually.

SU9935 5-PC. SAE SET

Contains: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4" and 13/16" x 7/8".

SU9935M 5-PC. METRIC SET (not shown)

Contains: 8mm x 10mm, 11mm x 13mm, 14mm x 15mm, 17mm x 19mm and 21mm x 22mm.



S-STYLE DOUBLE BOX END WRENCH SETS

- Curved design for maximum access in confined areas.
- Canvas pouch included.
- Fully polished drop forged alloy steel.
- Wrenches guaranteed and available as set or individually.

SU9940 5-PC. SAE SET

Contains: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 19/32", 5/8" x 11/16" and 11/16" x 3/4".

SU9940M 5-PC. METRIC SET (not shown)

Contains: 10mm x 11mm, 12mm x 13mm, 14mm x 15mm, 16mm x 17mm and 18mm x 19mm.



SU9144

44-PC. 1/4"

DRIVE SAE AND METRIC SOCKET SET

Contains: Round Ratchet; 3", 6" Extensions; Standard 6 Point SAE sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"; Deep 6 Point SAE sockets: 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16"; Standard 6 Point Metric sockets: 4mm, 5mm, 5.5mm, 6mm - 15mm; Deep 6 Point Metric sockets: 6mm - 15mm.

SU9147 47-PC. 3/8" DRIVE SAE AND METRIC SOCKET SET (not shown)

Contains: Round Ratchet; 3" and 6" Extensions; Standard 6 Point SAE sockets: 1/4", 9/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"; Deep 6 Point SAE sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"; Standard 6 Point Metric sockets: 6mm - 19mm; Deep 6 Point Metric sockets: 10mm - 19mm.



SU9726 38-PC.

MINI RATCHET AND BIT SET

Contains: Aluminum case; Quick release extension bar; Ratchet handle, 72 teeth, CR-V, chrome plate; 36 Bits: SL 1/8", 5/32", 3/16", 1/4"PH; #1 (2 PC.), #2 (2PC.), #3 (2PC.); PZ: #1 (2PC.), #2 (2PC.), #3 (2PC.); Hex: 5/64", 3/32", 1/8" 5/32", 3/16", 1/4"; Torx®: T10 (2PC.), T15 (2PC.), T20 (2PC.), T25 (2PC.), T27 (2PC.), T30 (2PC.), T40 (2PC.).



SU8054BK

PREMIUM 4-DRAWER SERVICE CART

- 5" oversized casters, 2 locking, 2 non-locking.
- Ergonomic grip handle.
- Locking top.
- 4 drawers: (2) 3-1/4" and (2) 4-1/4" deep.
- Gas shocks to support lid.
- 500 lbs. load capacity.
- 39" H x 39.5" L x 33.25" D.
- 176 lbs. shipping weight.



IRWIN QUICK GRIP CLAMP/SPREADERS

- PE506QCN** 6" CLAMP/SPREADER (not shown)
- PE512QCN** 12" CLAMP/SPREADER
- PE518QCN** 18" CLAMP/SPREADER (not shown)
- PE524QCN** 24" CLAMP/SPREADER (not shown)
- PE536QCN** 36" CLAMP/SPREADER (not shown)



PE2078711 GROOVELOCK KITBAG SET

- 8", 10", 12" V Jaw

IRWIN CAST ALUMINUM PIPE WRENCHES

- PE2074112** 12" WRENCH
- PE2074118** 18" WRENCH (not shown)
- PE2074124** 24" WRENCH (not shown)
- PE2074136** 36" WRENCH (not shown)
- PE2074148** 48" WRENCH (not shown)



PE2082200 IRWIN PRO-TOUCH RETRACTABLE UTILITY KNIFE

IRWIN UTILITY KNIFE BLADES



- PE2084400** BI-METAL BLUE BLADE, 100-PK.
- PE2084100** BI-METAL BLUE BLADE, 5-PK. (not shown)
- PE2083200** CARBON, 100-PK. (not shown)



IRWIN SNIPS

- PE22007** TINNER SNIP, 7" CUTS STRAIGHT & WIDE CURVES (not shown)
- PE23007** 207 TINNER SNIP, 7" CUTS STRAIGHT & TIGHT CURVES
- PE22010** TINNER SNIP, 10" CUTS STRAIGHT & WIDE CURVES (not shown)
- PE21304** 304 EXTRACUT SNIP, 11-3/4", 3-1/8" CUT LENGTH (not shown)
- PE22012** TINNER SNIP, 12-3/4" CUTS STRAIGHT & WIDE CURVES (not shown)



IRWIN AVIATION SNIPS

- PE2073112** CUTS RIGHT AND STRAIGHT (not shown)
- PE2073113** CUTS STRAIGHT AND WIDE CURVES
- PE2073211** CUTS LEFT AND STRAIGHT (not shown)
- PE2073212** CUTS RIGHT AND STRAIGHT (not shown)

IRWIN STEEL CUTTING BLADES

- PE4935554** 6-3/4" 40T STEEL CUTTING BLADE (not shown)
- PE4935555** 7-1/4" 48T STEEL CUTTING BLADE
- PE4935557** 8" 50T STEEL CUTTING BLADE (not shown)
- PE4935559** 14" 80T STEEL CUTTING BLADE (not shown)





XL GEARBOX

- KD85988** 12-PC. XL GEARBOX METRIC RATCHETING WRENCH SET
- KD85998** 9-PC. XL GEARBOX SAE RATCHETING WRENCH SET (not shown)
- KD85996** 4-PC. XL GEARBOX SAE ADD-ON SET (not shown)
- KD85999** 13-PC. XL GEARBOX SAE MASTER SET (not shown)
- KD85987** 5-PC. XL GEARBOX METRIC ADD-ON SET (not shown)
- KD85989** 17-PC. XL GEARBOX METRIC MASTER SET (not shown)



COMBINATION RATCHETING WRENCH SETS

- KD9308** 8-PC. SAE RATCHETING WRENCH SET
- KD9412** 12-PC. METRIC RATCHETING WRENCH SET (not shown)
- KD9312** 13-PC. SAE MASTER RATCHETING WRENCH SET (not shown)
- KD9416** 16-PC. METRIC MASTER RATCHETING WRENCH SET (not shown)



X-BEAM COMBINATION RATCHETING WRENCH SETS

- KD85888** 12-PC. X-BEAM METRIC SET
- KD85898** 9-PC. X-BEAM SAE SET (not shown)
- KD85288** 12-PC. FLEXIBLE X-BEAM METRIC SET (not shown)
- KD85298** 9-PC. FLEXIBLE X-BEAM SAE SET (not shown)
- KD85388** 12-PC. REVERSIBLE X-BEAM METRIC SET (not shown)
- KD85398** 9-PC. REVERSIBLE X-BEAM SAE SET (not shown)



INDEXABLE PRY BARS

- KD82208** 8" PRY BAR
- KD82210** 10" PRY BAR (not shown)
- KD82216** 16" PRY BAR (not shown)
- KD82220** 18"-29" EXTENDABLE PRY BAR (not shown)
- KD82224** 24" PRY BAR (not shown)
- KD82233** 33" PRY BAR (not shown)
- KD82248** 48" EXTENDABLE PRY BAR (not shown)
- KD82300** 2-PC. 8" AND 16" PRY BAR SET (not shown)



SOCKET SETS

- KD80300** 51-PC. 1/4" DRIVE 6 POINT SOCKET SET
- KD80550** 57-PC. 3/8" DRIVE 6 POINT SOCKET SET (not shown)
- KD80700** 49-PC. 1/2" DRIVE 6 POINT SOCKET SET (not shown)
- KD83000** 68-PC. 1/4" & 3/8" DRIVE SAE/METRIC (STANDARD/DEEP) SOCKET SET (not shown)
- KD83001** 118-PC. 1/4", 3/8", 1/2" DRIVE SAE/METRIC SOCKET SET (not shown)

PLIERS

- KD82106** 2-PC. DOUBLE X PLIERS SET (82005, 82006)
- KD82107** 3-PC. DOUBLE X HOSE PLIERS SET (82017, 82018, 82019) (not shown)
- KD82108** 7-PC. STANDARD PLIERS MASTER SET (not shown)
- KD82110** 2-PC. DOUBLE X INT/EXT SNAP RING PLIERS (not shown)
- KD82111** 2-PC. STR. AND 45° DOUBLE X HEMOSTAT SET (not shown)



INDEXING COMBINATION WRENCH SETS

- KD85498** 8-PC. SAE INDEXING COMBINATION WRENCH SET
- KD85488** 12-PC. METRIC INDEXING COMBINATION WRENCH SET (not shown)



RATCHETING OPEN END WRENCH SETS

- KD85599** 8-PC. SAE RATCHETING OPEN END WRENCH SET
- KD85597** 12-PC. METRIC RATCHETING OPEN END WRENCH SET (not shown)



FLEX-HEAD COMBINATION RATCHETING WRENCH SETS

KD9701 8-PC. SAE WRENCH SET

KD9702 13-PC. SAE WRENCH SET
(not shown)

KD9901 12-PC. METRIC WRENCH SET
(not shown)

KD9902 16-PC. METRIC WRENCH SET
(not shown)



REVERSIBLE COMBINATION RATCHETING WRENCH SETS

KD9509N 13-PC. SAE WRENCH SET

KD9533N 8-PC. SAE WRENCH SET (not shown)

KD9620N 12-PC. METRIC WRENCH SET (not shown)

KD9602N 16-PC. METRIC WRENCH SET (not shown)



IMPACT SOCKET SETS

KD84903 71-PC. 1/4" DRIVE IMPACT SOCKET SET SAE/METRIC

KD84916 44-PC. 3/8" DRIVE IMPACT SOCKET SET SAE/METRIC
(not shown)

KD84938 13-PC. 1/2" DRIVE UNIVERSAL IMPACT SOCKET SET SAE (not shown)

KD84939 13-PC. 1/2" DRIVE UNIVERSAL IMPACT SOCKET SET METRIC (not shown)



NON-RATCHETING WRENCH SETS

KD81900 24-PC. COMBINATION SAE/METRIC WRENCH SET

KD81901 15-PC. COMBINATION SAE WRENCH SET (not shown)

KD81902 15-PC. COMBINATION METRIC WRENCH SET (not shown)

KD81903 20-PC. STUBBY SAE/METRIC WRENCH SET (not shown)

KD81916 21-PC. COMBINATION METRIC WRENCH SET (not shown)

KD81917 18-PC. COMBINATION SAE WRENCH SET (not shown)

KD81918 15-PC. COMBINATION SAE WRENCH SET (not shown)

KD81919 44-PC. MASTER COMBINATION SAE/METRIC WRENCH SET (not shown)

KD81920 18-PC. COMBINATION METRIC WRENCH SET WITH POUCH (not shown)



SCREWDRIVER SETS

KD80050 6-PC. COMBINATION SCREWDRIVER SET

KD80051 12-PC. COMBINATION SCREWDRIVER SET (not shown)

KD80052 5-PC. PHILLIPS SCREWDRIVER SET (not shown)

KD80053 5-PC. SLOTTED SCREWDRIVER SET (not shown)

KD80057 12-PC. MINI AND TORX® SCREWDRIVER SET (not shown)

KD80066 20-PC. MASTER SCREWDRIVER SET (not shown)



RATCHETS

KD81203 3-PC. MIX CUSHION GRIP RATCHET SET (1/4", 3/8", 3/8" FLEX)

KD81204 2-PC. FLEX CUSHION GRIP RATCHET SET (1/4", 3/8") (not shown)

KD81206 3-PC. FULL POLISH RATCHET SET (not shown)

KD81207 3-PC. CUSHION GRIP RATCHET SET (not shown)

KD81216 2-PC. FULL POLISH FLEX HANDLE RATCHET SET (not shown)

KD81223 2-PC. ROTO CUSHION GRIP RATCHET SET (not shown)

KD81229 3-PC. SPARK PLUG RATCHET SET (not shown)

KD81230 4-PC. FULL POLISH FLEX HANDLE RATCHET SET (not shown)



MICROMETER TORQUE WRENCHES

KD85050 1/4" DRIVE 30-200 IN.-LB. WRENCH

KD85051 3/8" DRIVE 25-250 IN.-LB. WRENCH (not shown)

KD85052 3/8" DRIVE 10-100 FT.-LB. WRENCH (not shown)

KD85053 1/2" DRIVE 20-150 FT.-LB. WRENCH (not shown)

KD85054 1/2" DRIVE 20-250 FT.-LB. WRENCH (not shown)

KD85055 3/4" DRIVE 100-600 FT.-LB. WRENCH (not shown)



TORQUE WRENCHES

KD85073 3/8" DRIVE ELECTRONIC FLEX HEAD TORQUE WRENCH WITH ANGLE 10-100 FT.-LB.

KD85074 1/2" DRIVE ELECTRONIC FLEX HEAD TORQUE WRENCH WITH ANGLE 25-250 FT.-LB.





AP832



ITEM	DESCRIPTION
AP821	Female Square Drive Service Drive 1/4" Square Drive X #1 Phillips
AP822	Female Square Drive Service Drive 1/4" Square Drive X #2 Phillips
AP832*	Female Square Drive Service Drive 3/8" Square Drive X #2 Phillips
AP833	Female Square Drive Service Drive 3/8" Square Drive X #3 Phillips
AP834	Female Square Drive Service Drive 3/8" Square Drive X #4 Phillips
AP822-F	Female Square Drive Service Drive 1/4" Square Drive X Frearson

AP834-TX30-1.62



ITEM	DESCRIPTION
AP834-TX-25	Female Square Drive Service Drive 3/8" Square Drive X T-25 Torx® X 2-13/16" OAL
AP834-TX30-1.62*	Female Square Drive Service Drive 3/8" Square Drive X T-30 Torx® X 1-5/8" OAL
AP834-TX40-2.95	Female Square Drive Service Drive 3/8" Square Drive X T-40 Torx® X 3" OAL
AP834-TX-45-5	Female Square Drive Service Drive 3/8" Square Drive X T-45 Torx® X 5" OAL
AP834-TX-50	Female Square Drive Service Drive 3/8" Square Drive X T-50 Torx® X 2-5/8" OAL
AP834-TX50-1.62	Female Square Drive Service Drive 3/8" Square Drive X T-50 Torx® X 1-5/8" OAL
AP854-TX-50	Female Square Drive Service Drive 1/2" Square Drive X T-50 Torx® X 2-7/8 OAL

AP440-2X



ITEM	DESCRIPTION
AP440-1X	Phillips Insert Bit 1/4" Hex X #1 Phillips
AP440-2X*	Phillips Insert Bit 1/4" Hex X #2 Phillips
AP440-3X	Phillips Insert Bit 1/4" Hex X #3 Phillips

AP446-2X



ITEM	DESCRIPTION
AP446-1X	Phillips Insert Bit 1/4" Hex X #1 Phillips
AP446-2X*	Phillips Insert Bit 1/4" Hex X #2 Phillips

AP480-2X



ITEM	DESCRIPTION
AP480-1X	Phillips Insert Bit 5/16" Hex X #1 Phillips
AP480-2X*	Phillips Insert Bit 5/16" Hex X #2 Phillips
AP480-3X	Phillips Insert Bit 5/16" Hex X #3 Phillips

AP492X



ITEM	DESCRIPTION
AP491X	Phillips Power Bit 1/4" Hex X #1 Phillips X 1-15/16" OAL
AP492X*	Phillips Power Bit 1/4" Hex X #2 Phillips X 1-15/16" OAL
AP493X	Phillips Power Bit 1/4" Hex X #3 Phillips X 1-15/16" OAL
AP492-AX	Phillips Power Bit 1/4" Hex X #2 Phillips X 2-3/4" OAL
AP492-BX	Phillips Power Bit 1/4" Hex X #2 Phillips X 3-1/2" OAL
AP492-CX	Phillips Power Bit 1/4" Hex X #2 Phillips X 6" OAL



APM-15-SC
MAGNETIC
HAND DRIVER KIT

Contains: Phillips: #1, #2, #3,
Slotted bits: 4F-5R, 10F-12R.
• Hollow handle for bit storage

**APAW-95 INDUSTRIAL
SCRATCH AWL**

• OAL 7-7/16"

AP440-TX-40X



ITEM	DESCRIPTION
AP440-TX-10X	1/4" Hex Torx® Insert Bit T10-Torx® Tip
AP440-TX-15X	1/4" Hex Torx® Insert Bit T15-Torx® Tip
AP440-TX-20X	1/4" Hex Torx® Insert Bit T20-Torx® Tip
AP440-TX-25X	1/4" Hex Torx® Insert Bit T25-Torx® Tip
AP440-TX-27X	1/4" Hex Torx® Insert Bit T27-Torx® Tip
AP440-TX-30X	1/4" Hex Torx® Insert Bit T30-Torx® Tip
AP440-TX-40X*	1/4" Hex Torx® Insert Bit T40-Torx® Tip
AP480-TX-30X	5/16" Hex Torx® Insert Bit T30-Torx® Tip
AP480-TX-40X	5/16" Hex Torx® Insert Bit T40-Torx® Tip
AP480-TX-50X	5/16" Hex Torx® Insert Bit T50-Torx® Tip
AP480-TX-55X	5/16" Hex Torx® Insert Bit T55-Torx® Tip

APM-490



ITEM	DESCRIPTION
APM-490*	Magnetic Bit Holder 1/4" Hex For 1/4" Inserts

AP835



ITEM	DESCRIPTION
AP825	1/4" Female Square Drive Bit Holder for 1/4" Inserts
AP838	3/8" Female Square Drive Bit Holder for 1/4" Inserts
AP835*	3/8" Female Square Drive Bit Holder for 5/16" Inserts
AP855	1/2" Female Square Drive Bit Holder for 5/16" Inserts
AP858	1/2" Female Square Drive Bit Holder for 1/4" Inserts

APEX-370-B



ITEM	DESCRIPTION
APEX-250-B	1/4" Hex Drive X 1/4" Male Square Extension Ball Lock
APEX-370-B*	1/4" Hex Drive X 3/8" Male Square Extension Ball Lock

**APEX24BITKIT 24-PC.
INDUSTRIAL BIT KIT**

Contains: plastic case with magnetic hand driver and magnetic bit holder, Phillips bits: #1, #2, #3, Slotted bits: 3F-4R, 4F-5R, 6F-8R, 8F-10R, 10F-12R, Torx® bits: T10, T-15, T-20, T-25, T-27, T-30, T-40, Square recess bit: 3/32, 1/8, Hex bits: 5/64, 3/32, 7/64, 1/8, 9/64, Pozidriv bits: #1, #2



**APBC9-A MAGNETIC BIT
HOLDER KIT**

Contains: Phillips:#1, #2, #3, Slotted bits: 4F-5R, 6F-8R, Pozidriv: #1, #2, Square recess: 3/32, 1/8, plastic carrying case.



**APBC9-B MAGNETIC BIT
HOLDER KIT (not shown)**

Contains: Phillips:#1, #2, #3, Torx® bits: T-10, T-15, T20, T25, T-30, T-40, plastic carrying case.

*Shown.





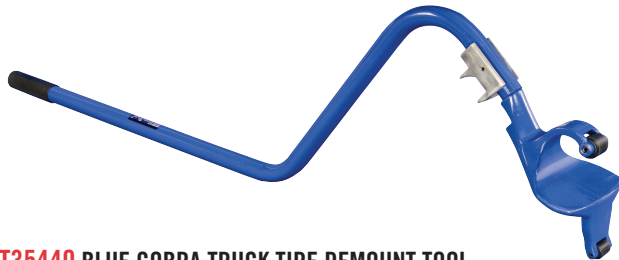
AUTOMOTIVE

KT7326 PRO SUPER HUB SHARK SYSTEM

Features expanded components to fit a broader range of domestic and import passenger and light truck vehicles.



TRUCK/COMMERCIAL



KT35440 BLUE COBRA TRUCK TIRE DEMOUNT TOOL

New affordable tool to make truck tire demounting easy and fast.



KT33195 5-PC. NINETEEN-FIVE MOUNTING/DEMOUNTING SET

Specifically designed to make mounting and demounting of 19.5" truck tires easier and safer.



KT35936 T34B 45" TUBELESS VALVE BREAKER

Robust valve breaker to make valve replacement quick and easy.



KT34950 IRONMAN WHEEL LIFTING BAR

Easily lift heavy tire and wheels while making it easier on your back!



KT35837 TIGER PASTE TIRE MOUNTING LUBE 7.5 LB. BUCKET

Superior formulation for commercial, OTR and specialty equipment tires, with rust inhibitor.

KT35839 ULTRA RIM RUST RETARDANT & MOUNTING LUBE 25 LB. PAIL

Premium rim and rust retardant and tire mounting lubricant for demanding applications.

KT35840 HEAVY PASTE TIRE MOUNTING LUBE 25 LB. PAIL

Concentrated economical tire mounting and bead packing lubricant, makes up to 15 gallons.

KT35848 EURO PASTE TIRE MOUNTING LUBE 8 LB. BUCKET

Premium tire mounting lubricant dries tacky to prevent rim slippage, with rust retardant.

TITAN™

TL11075 3-PC. EXTRA-LONG FLEX-HEAD QUICK RELEASE RATCHET SET

Contains: 1/4" Dr. x 12", 3/8" Dr. x 18" and 1/2" drive x 24" ratchets. Extra-long flex-head design for hard-to-reach fasteners. 36-tooth gear-drive ratchet mechanism for high torque applications. Quick-release feature holds sockets when you want them - lets go when you don't. Contoured cushion grip.

SWIVEL HEX KEY SETS

Swivel design provides easy access to tight areas. Sleeve allows fast removal of fixings, CRV Construction, Comes with convenient pouch.



TL12753 5-PC. SAE SWIVEL HEX KEY SET

Contains: 3/16, 7/32, 1/4, 5/16, and 3/8"

TL12754 6-PC. METRIC SWIVEL HEX KEY SET (not shown)

Contains: 3, 4, 5, 6, 8, 10mm

TL12755 6-PC. SWIVEL TORX® KEY SET (not shown)

Contains: T25, T27, T30, T40, T45, & T50

TL16023 3/8" DRIVE STUD EXTRACTOR

Fits 1/4" to 1/2" (6 - 12mm) studs. Impact gun compatible. Ideal for removing stripped, rusted, broken or smooth studs. Hex drive can be a driver with a wrench, ratchet, or impact tool.



TL11479 PISTOL GRIP WIRE STRIPPER

For fast, easy and accurate wire stripping. Adjustable hardened steel blades. Locking handle. Includes wire cutter.



TL51400 BRAKE FLUID TESTER

Quickly determine percentage of moisture in brake fluid. Includes (1) 1.5V AAA Battery.



TL19419 SPOT SPRAY NON-AEROSOL SPRAYER

80-150psi operating pressure (max pressure: 200 psi). Refillable. Not for use with paint products. Eliminates dangerous or harmful propellants. No more aerosol disposal issues. Eco friendly. Maximum capacity 32oz.



TL17237 7-PC. INSULATED ELECTRICAL SCREWDRIVER SET

Insulated screwdriver complies with IEC standards. 1000-volt rating clearly marked. Ergonomic soft grip handle for maximum comfort. Contains: 3" x #0, 4" x #1 and 4" x #2 Phillips; 3" x 1/8", 4" x 5/32", 5" x 7/32" and 6" x 1/4" Slotted.



HEX BIT SOCKET SET

Anodized magnetic aluminum socket rail. S2 alloy steel bits for strength and durability. Rust resistant finish. Exceeds ANSI standards.



TL16123 13-PC. SAE HEX BIT SOCKET SET

Contains: 1/4" drive: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"; 3/8" drive: 3/16", 7/32", 1/4", 5/16", 3/8"; 1/2" drive: 7/16", 1/2".

TL16124 13-PC. METRIC HEX BIT SOCKET SET (not shown)

Contains: 1/4" drive: 2, 2.5, 3, 4, 5, 5.5mm; 3/8" drive - 6, 7, 8, 9, 10mm; 1/2" drive - 11, 12mm.

TL15345 5-PC. 1/2" DRIVE 12 POINT AXLE NUT SOCKET SET

For removal and installation of axle nut and automatic transmission tail output shafts. Impact quality. Contains: 30, 32, 34, 36, & 39mm.



TL11489 180° TUBING BENDER

Makes short, smooth radius bends up to 180°. Calibration gauge to indicate angle of bend. For copper, aluminum and thin wall tubing. 3/8" maximum bending capacity. 180° maximum bending capacity. For 1/8, 3/16, 1/4" O.D. Tubing.



TL51501 38-PC. WIRE BRUSH SET

Contains: 12 stainless steel brushes 8-19mm; 12 brass brushes 8-19mm, 12 nylon brushes 8-19mm, Quick release driver, 6" Quick release extension, 1/4" Hex drive shank.



TL19220 4-PC. HVLP TRIPLE SET-UP SPRAY GUN KIT

Contains: Gun A - 1.0 mm nozzle set for touch up work, Gun B - 1.4mm nozzle set for lighter materials, Gun C - 1.7mm nozzle set for heavier materials, locking pressure regulator with gauge, aluminum paint cups. Die cast aluminum body with chrome plated finish. 2-Step trigger control. Non-bleeder type, gravity feed external mix. Stainless steel nozzles. Adjustable spray width, air inlet and fluid outlet.



TL16130 6-PC. 1/2" DRIVE SAE HEX BIT SOCKET SET

Anodized magnetic aluminum socket rail. S2 alloy steel bits for strength and durability. Rust resistant finish. Exceeds ANSI standards. Contains: 9/16", 5/8", 11/16", 3/4", 13/16", 7/8".



TL16131 7-PC. 1/2" DR. METRIC HEX BIT SOCKET SET (not shown)

Contains: 13, 14, 15, 17, 19, 21 and 22mm.

TL16150 5-PC. WOBBLE ADAPTER SET

Impact grade. Contains: 1/4"-3/8", 3/8"-1/4", 3/8"-1/2", 1/2" - 3/8", 1/2" to 3/4".



TL16148 148-PC. MASTER BIT SET

Assortment of the most popular, and hard to find bits for many different applications.

Contains: Phillips, slotted, square drive, Torx®, Pozi-drive, inch and metric hex, tamper resistant Torx®, tamper resistant hex, clutch drive, spline drive, spanner, three wing and four wing drives, 3-1/2" magnetic bit holder, quick-release bit holder, 1/4" drive socket adaptor, injection molded storage case.



TL12216 3-PC. INDEXABLE PRY BAR SET

Contains: 10", 12" and 15" pry bars. Ideal for prying seals, bearings, manifolds, oil pans, axles, drive shafts and fuel injectors. Indexing head locks at 8 incrementally fixed angles. Thumb knob for quick and easy lock. High carbon steel.



TL12224 24" INDEXABLE PRY BAR (not shown)

TL22707 11 AMP 7" POLISHER/SANDER

3000 RPM, 11 Amp Motor. 120V 60 Hz. Interchangeable D-handle and side handle. Adjustable dial speed control. Lock-on switch for comfort during extended use. Auxiliary handle mounts either side for left or right-hand use. Includes (1) D-handle and (1) side handle, hook and loop disk, polishing bonnet, and rubber pad.



TL22160 24V CORDLESS IMPACT WRENCH

Delivers 280 lb./ft. of maximum torque. 1/2" DR anvil is heat treated for strength and durability. Heavy duty alloy gear case. Durable all-metal transmission. 1-Hour quick charger. Extra battery pack available.





DYNORBITAL® "SPIRIT" RANDOM ORBITAL SANDER

All models rated at 12,000 rpm and include weight-mated vinyl-face sanding pad.

DB21035 3/16" ORBIT—Ideal for conventional sanding and featheredging.

DB21055 3/32" ORBIT—Tight orbit for sanding top-coat defects such as dust nibs and orange peel. (not shown)

DB21015 3/8" ORBIT—Our largest orbit for more aggressive sanding. (not shown)



DYNORBITAL® "SILVER" RANDOM ORBITAL SANDER

All models rated at 12,000 rpm and include weight-mated vinyl-face sanding pad. Super power-to-weight ratio; for heavy-duty applications.

DB69025 3/16" ORBIT—Ideal for conventional sanding and featheredging.

DB69040 3/32" ORBIT—Tight orbit for sanding top-coat defects such as dust nibs and orange peel. (not shown)

DB69010 3/8" ORBIT—Our largest orbit for more aggressive sanding. (not shown)



DB51580 ELECTRIC 8" ROTARY POLISHER

(Shown with optional back-up pad and wool buff)

- Powerful 11-Amp motor.
- Main handle can be rotated 180° for operator control and comfort.
- Variable speed to 3,000 rpm.
- Standard 5/8"-11 spindle thread.
- 3-position handle.

DB18075 LONG-NECK CUT-OFF AIR TOOL

- Extension design better than conventional tools—easier straight-line cuts and visibility.
- Full one-half horsepower 20,000 rpm motor for plenty of power.
- Accepts 3" cut-off wheels with 3/8" center hole (not included); adjustable guard.



DB18256 DYNAZIP® AIR TOOL KIT

- Includes 3,200 rpm air tool with 3-position handle.
- Versatile Tool: Uses eraser wheels to remove 2-sided tapes and applied graphics/pinstripes.
- Uses wire wheels to remove rust, chip-guard and seam-sealer.
- Wire wheels duplicate sand-blasting effect.

Contains:

DB92255 Red-Tred® Eraser Wheel

DB92245 3/4" wide Coarse Wire Wheel.

DB92248 1/2" wide Coarse Wire Wheel

DB18258 DYNAZIP ERASER WHEEL AIR TOOL (not shown)

Includes air tool with 92255 Eraser Wheel.



DB18067 RED-TRED® ERASER DISC AIR TOOL

- Right-angle tool includes 92295 Eraser disc assembly for removing graphics on broad areas.
- 2,300 rpm; compact design easily reaches tight areas.
- Includes fully adjustable side-handle.



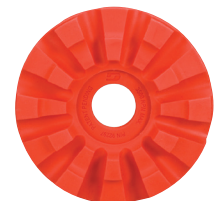
DB18069 RED-TRED® ERASER DISC PISTOL-GRIP TOOL

- 2,500 rpm air tool provides fast graphics removal in a pistol-grip design.
- Includes 92295 Red-Tred® Eraser disc assembly.
- Tool's speed makes it also ideal to use a small buffer.



DB92295 RED-TRED® ERASER DISC ASSEMBLY

- Quickly removes graphics on broad area without damaging paint.
- Can be used on most conventional buffers that have 5/8"-11 spindle.
- Great for removing 2-sided tapes and decals. 3,500 rpm max.
- Includes backing plate, replaceable 92297 eraser disc and flange to secure product to tool.



DB92297 RED-TRED® REPLACEABLE DISC

- This replaceable disc features "staggered teeth" design for effective graphics removal without harming paint.
- 3,500 rpm max.



IR2115TIMAX 3/8" IMPACT TOOL™

- 300 ft./lbs. MAX torque.
- Best in class power performance.

IR2115QTIMAX 3/8" QUIET IMPACT TOOL™ (not shown)

- Patented technology silences the tool without sacrificing power.

IR2125QTIMAX 1/2" QUIET IMPACT TOOL™ (not shown)

- 332 ft./lbs. MAX torque.



IR212 3/8" IMPACT TOOL™

- 180 ft./lbs. maximum torque.
- More torque, less vibration.
- Built in power regulator helps control torque.



IR2135TIMAX 1/2" IMPACT TOOL™

- 1,100 ft./lbs. MAX torque.
- Best in class power-to-weight ratio.

IR2135TI-2MAX 1/2" IMPACT TOOL™ (not shown)

- 2" extended anvil.

IR2135QTIMAX 1/2" QUIET IMPACT TOOL™ (not shown)

- Patented technology silences the tool without sacrificing power.

IR2135QTI-2MAX 1/2" QUIET IMPACT TOOL™ (not shown)

- 2" extended anvil quiet impact.



IR236 1/2" IMPACT TOOL™

- 450 ft./lbs. maximum torque.

IR231C 1/2" IMPACT TOOL™

- 600 ft./lbs. maximum torque.
- Pressure-fed lubrication.
- Easy-to-service 2-piece construction.

IR231HA 1/2" IMPACT TOOL™ (not shown)

- Handle exhaust directs air away from user.

IR231HA-2 1/2" EXTENDED ANVIL IMPACT TOOL™ (not shown)

- Top choice in tire service centers.



IR244A 1/2" IMPACT TOOL™

- Non-biased 500 ft./lbs. in forward and reverse.
- Powerful with smooth, balanced blows.
- Pressure-fed lubrication.

IR244A-2 1/2" EXTENDED ANVIL IMPACT TOOL™ (not shown)

- 2" extended anvil.



IR232TGS 1/2" IMPACT TOOL™

- 625 ft./lbs. maximum torque.
- Ingersoll Rand's fastest 1/2" Impact Tool™.
- 10,000 rpm for lightning fast removal.

IR2130 1/2" IMPACT TOOL™

- 550 ft./lbs. maximum torque.
- Full-stroke tease throttle.
- Multi-position power management.

IR2130-2 1/2" EXTENDED ANVIL IMPACT TOOL™ (not shown)

- 2" extended anvil.



IR261 3/4" IMPACT TOOL™

- 1,100 ft./lbs. maximum torque.
- Jumbo hammer mechanism.
- Pressure-fed lubrication.

IR261-3 3/4" EXTENDED ANVIL IMPACT TOOL™ (not shown)

- 3" extended anvil.

IR261-6 3/4" EXTENDED ANVIL IMPACT TOOL™ (not shown)

- 6" extended anvil.



IR2141 3/4" IMPACT TOOL™

- 1,200 ft./lbs. maximum torque.
- Weighs just 7 lbs.
- Contoured professional touch trigger.



IR259 3/4" IMPACT TOOL™

- 1050 ft./lbs.
- 8.6" OAL.
- 8.8 lbs.
- No upgrade required to 1/2" air line.



IR285B-6 1" EXTENDED ANVIL IMPACT TOOL™

- 1,770 ft./lbs. maximum torque at 120 PSI.
- Fast-torque delivers 1,000 ft./lbs. in 2 seconds.
- Improved feather touch trigger.

IR285B-S6 1" EXTENDED ANVIL IMPACT TOOL™ (not shown)

- Spline drive.

IR285B 1" IMPACT TOOL™ (not shown)

IR295A 1" IMPACT TOOL™

- 1,770 ft./lbs. maximum torque at 120 PSI.
- Fast-torque delivers 1,000 ft./lbs. in 2 seconds.
- Rubber boot protects tool from exterior damage.





IR2015MAX 3/8" DRIVE HAMMERHEAD LOW PROFILE IMPACTOOL™

- MAX power - 180 ft./lb. max torque and 7,000 rpm.
- MAX access - Head height under 2".
- Feather-touch trigger, two-position forward power regulator and forward/reverse ring.

IR2025MAX 1/2" DRIVE HAMMERHEAD LOW PROFILE IMPACTOOL™ (not shown)



IR105-D2 1/4" DRIVE 105 SERIES RATCHET

- 25 ft./lbs. maximum torque, 250 rpm.
- Low profile forward/reverse control.

IR105-D3 3/8" DRIVE 105 SERIES RATCHET (not shown)

IR105-L2 1/4" DRIVE 105 SERIES RATCHET WITH EXTENDED HEAD (not shown)



IR1105MAX-D2 1/4" DRIVE 1105MAX SERIES RATCHET

- 30 ft./lbs. maximum torque, 300 rpm.
- 7.36" long. • Variable-speed regulator.

IR1105MAX-D3 3/8" DRIVE 1105MAX SERIES RATCHET (not shown)



IR107XPA 3/8" DRIVE RATCHET

- 54 ft./lbs. maximum torque, 160 rpm.
- 360° adjustable exhaust.
- Variable speed lever-style throttle.

IR109XPA 3/8" DRIVE RATCHET (not shown)

- 76 ft./lbs. maximum torque, 220 rpm.

IR1077XPA 1/2" DRIVE RATCHET (not shown)

- 54 ft./lbs. maximum torque, 160 rpm.

IR1099XPA 1/2" DRIVE RATCHET (not shown)

- 76 ft./lbs. maximum torque, 220 rpm.



IR1207MAX-D3 3/8" DRIVE 1207MAX SERIES RATCHET

- 65 ft./lbs. maximum torque, 200 rpm.
- Innovative forward/reverse collar.

IR1207MAX-D4 1/2" DRIVE 1207MAX SERIES RATCHET (not shown)



IR116 AIR HAMMER

- Up to 3,500 blows per minute.
- Handles a range of cutting applications.
- Longer life alloyed steel barrel.

IR115 AIR HAMMER (not shown)

- Up to 5,000 blows per minute.

IR117 AIR HAMMER (not shown)

- Up to 2,000 blows per minute.



IR121-K6 AIR HAMMER KIT

- 3,000 blows per minute.
- Kit includes 6-PC. chisel set.

IR121Q AIR HAMMER KIT (not shown)

IR115K AIR HAMMER KIT (not shown)

IR116K AIR HAMMER KIT (not shown)

IR117K AIR HAMMER KIT (not shown)



IR301 AIR ANGLE DIE GRINDER

- Compact, lightweight and easy to handle.
- Self-locking throttle.
- Precision machined gearing delivers maximum power transfer.

IR301-32MK SURFACE CONDITIONING KIT (not shown)

IR301-K DIE GRINDER KIT (not shown)

IR3102 COMPOSITE ANGLE DIE GRINDER

- 20,000 rpm.
- Safety release throttle.
- Positive grip 1/4"-capacity collet chuck.

IR3102K COMPOSITE DIE GRINDER KIT (not shown)

IR3108 COMPOSITE STRAIGHT DIE GRINDER (not shown)

IR3108K COMPOSITE DIE GRINDER KIT (not shown)



IR125 NEEDLE SCALER

- 19 needles.
- Each needle measures 1/8".
- 4,600 blows per minute at free speed.



IR429 RECIPROCATING SAW

- Comes with 6 high-speed steel cutting blades and 2 hex wrenches.
- Cuts flat and curved surfaces.
- Durable, long-life tool.

IR311A DUAL ACTION QUIET SANDER

- Low vibration.
- Balanced ball bearing construction.
- Adjustable built-in regulator for positive speed control.



IR4151 RANDOM ORBIAL AIR SANDER

- 12,000 rpm free speed for swirl-free finishes.
- Durable, lightweight composite design weighs less than 2 lbs.
- Lubrication-free motor.



IR7802A 3/8" AIR DRILL

- Variable speed throttle.
- Lightweight, compact drill.



IR7803A 1/2" AIR DRILL

- No-load speed of 500 rpm.
- Auxiliary side handle.



MINI AIR TOOLS

IR3103XP MINI SURFACE PREP SANDER



- Ideal for the removal of rust, surface deposits, and welds in hard-to-reach areas.
- Includes 2" and 3" Medium Backing Pads.

IR3103K MINI SURFACE PREP SANDER KIT (not shown)

Includes: IR3103XP, 14-PC. 2" and 3" Sanding Discs.

IR3129XP 3" MINI POLISHER (not shown)

- Ideal for buffing and polishing paint, metal, and plastic surfaces to a high-gloss finish.
- Double-sided, adjustable speed settings provide variability for a broader range of applications.

IR3129K 3" MINI POLISHER KIT (not shown)

Includes: IR3129XP, 4-PC. Hook and Loop Pads.

IR2101XP 1/4" MINI IMPACTOOL™



- Powerful impact mechanism is engineered to deliver 45 ft-lb (61 Nm) of torque (forward) where you need it most.
- Easily accessible forward/reverse switch for one-handed operation.

IR2101K 1/4" MINI IMPACTOOL™ KIT (not shown)

Includes: IR2101XP, 10-PC. 1/4" Socket Set.

IR2101XP-QC 1/4" QUICK CHANGE MINI IMPACTOOL™



- Powerful impact mechanism is engineered to deliver 45 ft-lbs (61 Nm) of torque (forward) where you need it most.
- Quick change feature allows for simple and convenient attachment exchange.

IR2102XP 3/8" MINI IMPACTOOL™



- Powerful impact mechanism is engineered to deliver 45 ft-lbs (61 Nm) of torque (forward) where you need it most.
- Easily accessible forward/reverse switch for one-handed operation.
- Ideal for those hard-to-reach places where conventional tools can't go.

IR7804XP 1/4" MINI DRILL/DRIVER



- Hard-hitting five-vane motor delivers smooth and robust performance.
- Double-bearing construction for longer life, impressive balance, and reduced vibration.

IR7804K 1/4" MINI DRILL/DRIVER KIT (not shown)

Includes 7804XP, 22-PC. Drill Bit and Driver Set.

IQ^V POWER TOOLS KITS



Top-selling Ingersoll Rand cordless tools are now available in convenient hard case kits for a quick and easy way to start your new IQ^V cordless tool collection. Individual tools, batteries, chargers & accessories are available for purchase through our IQ^V Choice program - offering a cost-effective way to expand your collection.

All IQ^V Series Cordless Tools Are Available In 1-Battery (-KL1) And 2-Battery (-KL2) Kit Variants!

IMPACT TOOL KITS

Below kits include: IRBC10 Universal Charger, (1) Li-Ion Battery and Case.

IRW360-KL1 1/2" 19.2V LI-ION IMPACT KIT

IRW150-KL1 3/8" 14.4V LI-ION IMPACT KIT (not shown)

IRW040-KL1 1/4" 7.2V LI-ION IMPACT KIT (not shown)



Below kits include: IRBC10 Universal Charger, (2) Li-Ion Battery and Case.

IRW360-KL2 1/2" 19.2V LI-ION IMPACT KIT

IRW150-KL2 3/8" 14.4V LI-ION IMPACT KIT (not shown)

IRW040-KL2 1/4" 7.2V LI-ION IMPACT KIT (not shown)



RATCHET KITS

Below kits include: IRBC10 Universal Charger, (1) Li-Ion Battery and Case.

IRR385-KL1 1/2" 14.4V LI-ION RATCHET KIT

IRR380-KL1 3/8" 14.4V LI-ION RATCHET KIT (not shown)

IRR145-KL1 3/8" 7.2V LI-ION VARIABLE SPEED RATCHET KIT (not shown)

IRR140-KL1 1/4" 7.2V LI-ION VARIABLE SPEED RATCHET KIT (not shown)



Below kits include: IRBC10 Universal Charger, (2) Li-Ion Battery and Case.

IRR385-KL2 1/2" 14.4V LI-ION RATCHET KIT

IRR380-KL2 3/8" 14.4V LI-ION RATCHET KIT (not shown)

IRR145-KL2 3/8" 7.2V LI-ION VARIABLE SPEED RATCHET KIT (not shown)

IRR140-KL2 1/4" 7.2V LI-ION VARIABLE SPEED RATCHET KIT (not shown)



DRILL KITS

Below kits include: IRBC10 Universal Charger, (1) Li-Ion Battery and Case.

IRD650S-KL1 1/2" 19.2V LI-ION DRILL/DRIVER KIT (not shown)

IRD550S-KL1 1/2" 14.4V LI-ION DRILL/DRIVER KIT (not shown)

Below kits include: IRBC10 Universal Charger, (2) Li-Ion Battery and Case.

IRD650S-KL2 1/2" 19.2V LI-ION DRILL/DRIVER KIT (not shown)

IRD550S-KL2 1/2" 14.4V LI-ION DRILL/DRIVER KIT (not shown)

GRINDERS AND CUT OFF TOOLS

Below kits include: IRBC10 Universal Charger, (1) Li-Ion Battery and Case.

IRGS25-KL1 14.4V LI-ION STRAIGHT DIE GRINDER KIT (not shown)

IRGR25-KL1 14.4V LI-ION RIGHT ANGLE GRINDER KIT (not shown)

IRGC25-KL1 14.4V LI-ION CUTOFF TOOL KIT (not shown)

Below kits include: IRBC10 Universal Charger, (2) Li-Ion Battery and Case.

IRGS25-KL2 14.4V LI-ION STRAIGHT DIE GRINDER KIT (not shown)

IRGR25-KL2 14.4V LI-ION RIGHT ANGLE GRINDER KIT (not shown)

IRGC25-KL2 14.4V LI-ION CUTOFF TOOL KIT (not shown)



ML2401-22 M12 1/4" HEX SCREWDRIVER

Includes: 1/4" Hex screwdriver, 2 Li-Ion batteries, charger and case.



ML2491-23 3-PC. M12 3/8" IMPACT TOOL KIT

Includes: 1/4" Screwdriver and impact, lite, 2-batteries, charger and case.



ML2446-21XC M12 GREASE GUN

Includes: 8,000 PSI, XC Li-Ion battery, charger and case.



ML2602-22 M18 1/2" H-DRILL KIT

Includes: 1/2" Hammer drill, 2 M18 batteries, charger and case.



ML0234-6 1/2" MAGNUM DRILL

- 1/2" Keyed chuck included.
- 0-850 RPM.
- 5.5 Amp.



ML6509-31 12 AMP SAWZALL

- 12 Amp reciprocating saw.
- 0-3000 SPM.
- 3/4" stroke.



ML5540 11 AMP 7" POLISHER KIT

- 0-2800 RPM.
- Includes canvas bag and polisher pad.



ML6148-30 4-1/2" SMALL ANGLE GRINDER

- 10 Amp.
- 5/8"-11 Spindle.
- 10,000 RPM.
- Includes handle.

ML48-89-1110 14-PC. BLACK & BRONZE BIT SET

Includes: 1/16" - 3/8" bits and case.



ML48-32-0321 21-PC. DRILL-DRIVER SET

Includes: compact screw guide, titanium hex and mag nut setters.



POWER TOOLS / POWER TOOL ACCESSORIES



MP9227CX3 POLISHER/SANDER

Variable speed, electronic speed control and soft start. Includes bag and extra bonnets.



SPECIFICATIONS

ITEM	DISC/BONNET SIZE	NO LOAD RPM	AMPS	SPINDLE THREAD	WATT HOURS	LENGTH	WEIGHT LBS.
MP9227CX3	7"	600-3,000	10	5/8"	54	18-1/2"	6.6

MP2414NB 14" CUT-OFF SAW

Makita motor makes this the longest lasting cut-off saw on the market.

MPA-93859-5 5-PACK 14" CUT-OFF WHEEL (not shown)

Smooth fast cutting of hard materials.



SPECIFICATIONS

ITEM	BLADE DIAMETER	ARBOR	MAX CUTTING	NO LOAD RPM	AMPS	LENGTH	WEIGHT LBS.
MP2414NB	14"	1"	4-1/2" (45° & 90°)	3,800	15	19-3/4"	36.6

MPLCT302W 3-PC. 10.8V LITHIUM-ION COMPACT KIT

Includes:

- Driver-Drill: 2-speed, 1,300 rpm, 200 in.-lbs.
- Impact driver: 2,400 RPM, 800 in.-lbs.
- LED flashlight: 9-hour charge.
- 2-1.3ah batteries, charger and case.



MPJR3050T 9-AMP RECIPROCATING SAW

- 9.0-Amp motor, variable speed trigger.
- 1-1/8" stroke.



SPECIFICATIONS

ITEM	LENGTH OF STROKE	STROKES PER MINUTE	AMPS	LENGTH	WEIGHT LBS.
MPJR3050T	1-1/8"	2,800	9	17-3/4"	7.1



OF37394 18-PC. PNEUMATIC BLOCK DISPLAY SET

All the tools you will need to have a complete pneumatic tool set. Ideal for all the different jobs in the shop.



Contains:

- OF31956 Double-Cut Body Ripper.
- OF31965 Muffler-Tailpipe Remover.
- OF31974 Cold Chisel, 10-1/2".
- OF31979 Taper Punch, 3/8" Tip.
- OF31996 Ball Joint Separator.
- OF31958 Slotted Style Panel Cutter.
- OF31968 Tailpipe Cutoff Tool.
- OF31975 Rivet and Bolt Cutter.
- OF31980 Straight Punch, 1/2" Tip.
- OF31997 Taper Punch, 1/8" Tip.
- OF31959 Sheet Metal Trimmer.
- OF31972 Cold Chisel, 6".
- OF31976 Scraper, 1-1/8" Blade.
- OF31982 Hammer, 4".
- OF31960 Spot Weld Breaker.
- OF31973 Cold Chisel, 8-1/2".
- OF31977 Sharp Point Taper Punch. 6-1/2".
- OF31995 Tie Rod Separator.

OF37322 9-PC. PNEUMATIC TOOL SET

Contains:

- OF31955 Body Ripper.
- OF31957 Panel Cutter.
- OF31958 Slotted Style Panel Cutter.
- OF31959 Sheet Metal Trimmer.
- OF31965 Muffler-Tailpipe Remover.
- OF31971 Splitting Tool.
- OF31972 6" Cold Chisel.
- OF31975 Rivet and Bolt Cutter.
- OF31997 Taper Punch with 1/8" Point. Leatherette Pouch.



OF37320 4-PC. BASIC PNEUMATIC SET (not shown)

Contains:

- OF31965 Muffler-Tailpipe Remover.
- OF31971 Splitting Tool.
- OF31972 6" Cold Chisel.
- OF31975 Rivet and Bolt Cutter.

OF37323 3-PC. LONG PNEUMATIC TOOL SET (not shown)

Contains:

- OF32010 Long Scraper
- OF32011 Long Taper Punch
- OF32012 Sharp Point Long Taper Punch, Flat Tip



OF31989 6" COLD CHISEL (.498)



OF31992 RIVET AND BOLT CUTTER (.498)



OF31999 TAPERED PUNCH WITH 3/16" POINT (.498)



OF31994 1" DIAMETER HAMMER (.498)



OF31987 6" PNEUMATIC HAMMER

OF37343 3-PC. X-LONG SCREWDRIVER SET

Contains:

- OF35218 18" Phillips #2.
- OF35724 24" 1/4" Blade.
- OF36019 19" 1/2" Blade.

OF37331 4-PC. SCREW EXTRACTOR SET – FLUTED TYPE

OF37332 5-PC. SCREW EXTRACTOR SET – FLUTED TYPE (not shown)

OF31000 4-PC. UPHOLSTERY CLIP SET

Contains:

- OF31001 Upholstery Clip Remover.
- OF31002 Upholstery Clip Remover for GM and VW.
- OF31008 Mini Upholstery Clip Remover, "V" Notch.
- OF31009 Mini Upholstery Clip Remover, "U" Notch.





BLAIR™



SPOTWELD CUTTER KITS

Remove spotwelds quickly and easily with the Blair Premium Spotweld Cutters. Fits in any hand-held drill. Available in two styles, pilot pin or "Skip-Proof" pilot drill to reduce cutter "walking".

BL11082 PREMIUM SPOTWELD CUTTER KIT WITH PILOT PIN

BL11096 PREMIUM SPOTWELD CUTTER KIT WITH SKIP-PROOF PILOT (not shown)

SPECIFICATIONS	
ITEM	DESCRIPTION
BL11082	(3) 3/8" Cutters, Arbor (BL11122) with Standard Pilot & Extra Pilot
BL11096	(3) 3/8" Cutters, Arbor (BL11123) with Skip-Proof Pilot, & Extra Pilot



BL11308 PREMIUM BORON SOLID SPOTWELD CUTTER

Drill out Boron spotwelds fast with the Premium Solid Spotweld Cutter. Made from solid carbide for long tool life in today's high strength, extremely hard body panels. Designed for use on UHSS and Boron Steel with self centering and easy cutting action, leaving no damage to underlying panels. Double coated for maximum durability. For use with "gun"-type spotweld tools only.



BL11091 ROTABROACH® LARGE DIAMETER CUTTER KIT

Rotabroach cutters make precision burr-free holes 3x faster and last 10x longer than twist drills or hole saws. For materials up to 1/2" thick. Arbor fits 1/2" drill chucks.

SPECIFICATIONS	
ITEM	DESCRIPTION
BL11091	7/8", 1", 1-1/8", 1-1/4", 1-3/8", & 1-1/2" Cutters, Arbor (BL11007), Hex Washer, Center Punch, and Extra Pilot



BL14006 HOLCUTTER KIT

Convenient kit containing some of the most popular sizes of HSS Holcutters. Use for making large diameter holes in sheet metal up to 1/8" thick. Arbor fits 3/8" drill chucks.

SPECIFICATIONS	
ITEM	DESCRIPTION
BL14006	7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2" Cutters, Arbor, Hex Washer, & Extra Pilot

CARBIDE HOLCUTTERS

Carbide Holcutters cut smooth, fast, burr-free holes in all types of materials, from soft aluminum to tough-to-cut stainless and cast iron, up to 1/8" thick. Dramatically outlasts bi-metal hole saws and step drills. (All cutters include arbor, pilot and spring.)



SPECIFICATIONS					
ITEM	DIAMETER	DECIMAL EQUIVALENT	ITEM	DIAMETER	DECIMAL EQUIVALENT
Replacement Pilot (BL14701) Spring (BL14703)			BL14748	1-1/2"	1.5000
BL14722	11/16"	.6875	BL14752	1-5/8"	1.6250
BL14724	3/4"	.7500	BL14756	1-3/4"	1.7500
BL14726	13/16"	.8125	BL14762	2"	2.0000
BL14728	7/8"	.8750	BL14766	2-1/8"	2.1250
BL14730	15/16"	.9375	BL14768	2-1/4"	2.2500
BL14732	1"	1.0000	BL14772	2-3/8"	2.3750
BL14734	1-1/16"	1.0625	Replacement Pilot (BL14702) Spring (BL14704)		
BL14736	1-1/8"	1.1250	BL14774	2-1/2"	2.5000
BL14738	1-3/16"	1.1875	BL14778	2-5/8"	2.6250
BL14740	1-1/4"	1.2500	BL14780	2-3/4"	2.7500
BL14742	1-5/16"	1.3125	BL14784	3"	3.0000
BL14744	1-3/8"	1.3750			



POWER TOOL ACCESSORIES



LMHFZ1250YW3 FLEXZILLA® AIR HOSE

FLEXZILLA® hose is made from an engineered hybrid polymer, combining the best qualities of both PVC and rubber materials, and being superior to both.

Extreme All-Weather Flexibility.

- Temperature range: (-40° F to 150° F).
- Anodized aircraft aluminum ends.
- No memory, kink-resistant under pressure.
- Reinforced bend restrictors.
- Excellent abrasion resistance.
- 300 PSI working pressure.
- Lightweight and easy to handle.



SPECIFICATIONS

ITEM	HOSE SIZE	WORKING PRESSURE	THREAD SIZE
LMHFZ1250YW3	1/2" x 50'	300 PSI	3/8" MNPT
LMHFZ1225YW3	1/2" x 25'	300 PSI	3/8" MNPT

LMA73458D COLORCONNEX® COUPLERS & PLUGS

Introducing Legacy's new ColorConnex® Color Code System. This unique system allows for easy, color-to-color matching of couplers and plugs among the standard pneumatic interchanges. It also solves the problem of potential crossing and contamination of different air lines.

- 1/4" body x 1/4" thread couplers and plugs.
- Match coupler and plug types by color.
- Dedicated hose applications to ensure a lubricated (wet) line is never used for a dry line application!



SPECIFICATIONS

ITEM	TYPE	COUPLER/PLUG	THREAD TYPE	COLOR
LMA73458D*	Industrial	Combo Kit	—	Red
LMA72458C*	Automotive	Combo Kit	—	Blue
LMA71458B*	ARO	Combo Kit	—	Green
LMA71410B	ARO	coupler	FNPT	Green
LMA71420B	ARO	coupler	MNPT	Green
LMA71430B-2PK	ARO	plug (2 pak)	FNPT	Green
LMA71440B-2PK	ARO	plug (2 pak)	MNPT	Green
LMA72410C	Automotive	coupler	FNPT	Blue
LMA72420C	Automotive	coupler	MNPT	Blue
LMA72430C-2PK	Automotive	plug (2 pak)	FNPT	Blue
LMA72440C-2PK	Automotive	plug (2 pak)	MNPT	Blue
LMA73410D	Industrial	coupler	FNPT	Red
LMA73420D	Industrial	coupler	MNPT	Red
LMA73430D-2PK	Industrial	plug (2 pak)	FNPT	Red
LMA73440D-2PK	Industrial	plug (2 pak)	MNPT	Red

* LMA73458D, LMA72458C, LMA71458B includes: 6 male NPT plugs, 4 female NPT plugs, 2 female NPT couplers, 2 male NPT couplers.

LMAG1200KIT CYCLONE® BLOW GUNS / ACCESSORIES

Cyclone® blow guns are ideal for cleaning bench tops, work stations or machinery and equipment. Safety nozzles are included in the event a deadhead occurs with the nozzle tip.

- Meets OSHA standards.
- Durable cast aluminum body.
- Ergonomic comfort grip.
- Durable trigger handle.



SPECIFICATIONS

ITEM	DESCRIPTION	CFM	dba	LINE PSI
LMAG1200KIT	Cyclone® Blow Gun Kit	—	—	—
LMAG1502	Cyclone® F1™ with Xtreme-Flo™	35	97	100
LMAG1102	Cyclone® F3™ with Quiet-Flo™	34	87	100
LMAG1202	Cyclone® F3™ with Xtreme-Flo™	48	99	100
LMAG1006	6" extension	—	—	—
LMAG1012	12" extension	—	—	—
LMAG1090	Xtreme-Flo™ safety nozzle	—	—	—
LMAG1091	Quiet-Flo™ safety nozzle	—	—	—
LMAG1092	Chip Guard	—	—	—
LMAG1093	Tri-Thrust™ safety nozzle	—	—	—

LML1380 MEGAPOWER® 12V BATTERY GREASE GUN

- Includes charger and two 12-volt batteries.
- Carrying case .
- Delivers up to 8,000 PSI.
- Holds 14-oz. grease cartridge.
- No pumping required.
- Machined and hardened piston.
- Cartridge and bulk loading.
- Powerful 12-volt motor.
- Planetary gear drive.
- Plated steel barrel.
- Compatible with the MEGA LUBE® greasing system.



LMHFZ5850YW34 FLEXZILLA™ PREMIUM WATER HOSE

Premium hybrid polymer water hose featuring kink-resistant, ribbed inner core design and extreme all-weather flexibility which surpasses the competition.

Extreme All-Weather Flexibility.

- Temperature range: (-40° F to 150° F).
- Bend restrictors.
- Abrasion resistant.
- Nickel plated male and female fittings.
- No memory - kink-resistant under pressure.



SPECIFICATIONS

ITEM	HOSE SIZE	HOSE MATERIAL	FITTING SIZE
LMHFZ5850YW34	5/8" x 50'	Hybrid polymer	3/4" - 1-1/2 GHT fittings



DIGITAL TIRE PRESSURE SERVICE GAUGES

- For measuring the air pressure of a car or truck tire from 2-150 PSI, +/- .5 PSI accuracy.
- 1/2" backlit LCD display.
- Chuck head swivels.
- Displays pressure in a variety of units, including PSI, bar, kgf/cm2 and kPa.

AMA567 DIGITAL DUAL FOOT GAUGE

AMA568 DIGITAL STRAIGHT FOOT GAUGE



FLEXEEL 3/8" X 50' 1/4 MPT REINFORCED POLYURETHANE AIR HOSE

AMA750FD50TR Red

AMA750FD50 Blue

BALL SWIVEL CONNECTORS

AMA918N4BS

1/4" ARO Style connector.

AMA925N4BS

1/4" Automotive Style connector.

AMA937N4BS

1/4" Industrial Style connector.



AMA918N4BS



AMA925N4BS



AMA937N4BS



AMA680CS TYPHOON BLOW GUN

- 1/4" NPT blow gun with high flow tip.
- 34 CFM @ 125 PSI.
- High flow.
- Maximum power.
- Meets OSHA regulations.



AMA681CS ALL METAL TYPHOON PRO BLOWGUN

- 1/4" air inlet.



TYPHOON EXTENDED BLOWGUNS

- 1/4" air inlet.

AMA680-12S 12" extension.

AMA680-24S 24" extension.

AMA680-36S 36" extension.

AMA680-TK01 TYPHOON BLOW GUN ADAPTER AND TIP KIT



SPECIFICATIONS			
ITEM	DESCRIPTION	ITEM	DESCRIPTION
AJA895*	.401 Beehive Spring Retainer	AJA912	Zip Gun SK Rivet Cutter
AJA895-IR	.401 Beehive Spring Retainer	AJA913	Zip Gun SK Blank
AJA902	Zip Gun SK Tail Pipe Cutter	AJA913-18*	Zip Gun SK Blank, 18" Overall
AJA905	Zip Gun SK 1-5/16" Wide Scrapper	AJA919*	Zip Gun SK 5/8" Wide Flat OS30
AJA906	Zip Gun SK Bushing Splitter	AJA922*	Zip Gun SK 1-3/8" Wide Spoon
AJA907	Zip Gun SK Claw Ripper	AJA925	Zip Gun SK Pencil Point
AJA909	Zip Gun SK Double Bladed Cutter	AJA925-18	Zip Gun SK Pencil Point, 18" Overall
AJA910	Zip Gun SK 3/4" Wide Flat	AJA932*	Zip Gun SK Kwik Cutter
AJA910-1-1/2*	Zip Gun SK 1-1/2" Wide Flat	AJA945-7*	Zip Gun SK 1" Diameter Hammer, 7" Overall
AJA910-1/2	Zip Gun SK 1/2" Wide Flat	AJA1106	4-PC. Pilot Punch Set
AJA910-11	Zip Gun SK 3/4" Wide Flat, 11" Overall	AJA1160*	Freeze Plug Driver Set
AJA910-11-1-1/2	Zip Gun SK 1-1/2" Wide Flat, 11" Overall	AJA3300-U	Kwik Change Retainer
AJA910-18	Zip Gun SK 3/4" Wide Flat, 18" Overall	AJA9022	4-PC. Zip Gun SK Kit
AJA910-2	Zip Gun SK 2" Wide Flat	AJA9029	9-PC. Zip Gun SK Kit
AJA910-5/8*	Zip Gun SK 5/8" Wide Flat	AJA1166*	Zip Gun SK Brake Pin & Bushing Driver Set
AJA911	Zip Gun SK Tapered Punch	AJA954	JP SK Brake Pin & Bushing Driver Set

*Shown.



AJA913-18 ZIP GUN SK BLANK, 18" OVERALL



AJA910-1-1/2 ZIP GUN SK 1-1/2" WIDE FLAT



AJA919 ZIP GUN SK 5/8" WIDE FLAT OS30



AJA910-5/8 ZIP GUN SK 5/8" WIDE FLAT



AJA932 ZIP GUN SK KWIK CUTTER



AJA945-7 ZIP GUN SK 1" DIAMETER HAMMER, 7" OVERALL



AJA922 ZIP GUN SK 1-3/8" WIDE SPOON



AJA1166 ZIP GUN SK BRAKE PIN & BUSHING DRIVER SET

Reduces removal/ installation time 60-70%



AJA1160 FREEZE PLUG DIVER SET



AJA895 .401 BEEHIVE SPRING RETAINER



ENCXYKIT NASCAR® XY™ ASSORTMENT PDQ KIT

ENC08321016 NASCAR® XY™ BLACK FRAME CLEAR LENS

ENC08321026 NASCAR® XY™ BLACK/BURGUNDY FRAME SILVER MIRROR LENS

ENC08321036 NASCAR® XY™ ORANGE FRAME GRAY LENS



ENC05798666 NASCAR® GTX™ POLARIZED SAFETY GLASSES GRAY LENS



ENCXXKIT NASCAR® XX™ ASSORTMENT PDQ KIT

ENC08321116 NASCAR® XX™ WHITE FRAME CLEAR SCRATCHCOAT® LENS

ENC08321126 NASCAR® XX™ BLACK FRAME GRAY SCRATCHCOAT® LENS



ENC05798366 NASCAR® GTX™ POLARIZED SAFETY GLASSES ESPRESSO LENS



ENC08139054 ENCON® XPR36 CHEMICAL SPLASH GOGGLE



ENCSSTPDQK NASCAR® SST™ ASSORTMENT PDQ KIT

ENC05788426 NASCAR® SST™ BLUE MARBLE - SILVER LENS (not shown)

ENC05788826 NASCAR® SST™ BLUE MARBLE - ESPRESSO LENS (not shown)



ENCGTPDQK NASCAR® GT™ ASSORTMENT PDQ KIT

ENC05328006 NASCAR® GT™ CLEAR - CLEAR (not shown)

ENC05328336 NASCAR® GT™ AMBER - AMBER (not shown)

ENC05328776 NASCAR® GT™ INDOOR-OUTDOOR (not shown)



ENC09207804 VERATTI® 385 GRAY FRAME/CLEAR SCRATCHCOAT®

ENC09207824 VERATTI® 385 GRAY FRAME/GRAY SCRATCHCOAT® (not shown)

ENC09208804 VERATTI® 221 GUN METAL FRAME/CLEAR SCRATCHCOAT® (not shown)

ENC09208824 VERATTI® 221 GUN METAL FRAME/GRAY SCRATCHCOAT® (not shown)



ENC09602004 VERATTI® M50 CLEAR ENFOG®/BLACK ELASTIC/INDIRECT VENTILATION



ENC05178004 VERATTI® OTG OVER THE GLASS SAFETY GLASS CLEAR



ENC307KIT VERATTI® 307 ASSORTMENT PDQ KIT

ENC09206806 VERATTI® 307 CLEAR SCRATCHCOAT®/BLUE FRAME CLAMSHELL (not shown)

ENC09206826 VERATTI® 307 GRAY SCRATCHCOAT®/BLUE FRAME CLAMSHELL (not shown)

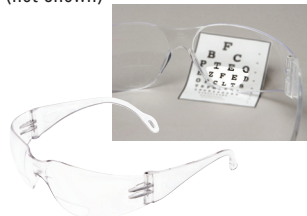
ENC09206876 VERATTI® 307 I-O SCRATCHCOAT®/BLUE FRAME CLAMSHELL (not shown)



ENCLS4KIT VERATTI® LS4 PDQ KIT

ENC08203806 VERATTI® LS4 GRAY FRAME/CLEAR SCRATCHCOAT® CLAMSHELL (not shown)

ENC08203826 VERATTI® LS4 GRAY FRAME/GRAY SCRATCHCOAT® CLAMSHELL (not shown)



ENC05777026 VERATTI® READER DIOPTRER +1.5° CLEAR LENS

ENC05777036 VERATTI® READER DIOPTRER +2.0° CLEAR LENS (not shown)

ENC05777046 VERATTI® READER DIOPTRER +2.5° CLEAR LENS (not shown)



ENC05282001 VERATTI® LED LIGHT



ENC302PDQKIT VERATTI® 302 ASSORTMENT PDQ KIT

ENC05498426 VERATTI® 302 METAL FRAME SILVER MIRROR LENS (not shown)

ENC05498826 VERATTI® 302 METAL FRAME ESPRESSO LENS (not shown)

ENC05498726 VERATTI® 302 METAL FRAME INDOOR-OUTDOOR LENS (not shown)



ENC429KIT VERATTI® 429 ASSORTMENT PDQ KIT

ENC08204806 VERATTI® 429 CLEAR SCRATCHCOAT®/BLUE FRAME CLAMSHELL (not shown)

ENC08204826 VERATTI® 429 GRAY SCRATCHCOAT®/RED FRAME CLAMSHELL (not shown)

ENC08204876 VERATTI® 429 I-O SCRATCHCOAT®/ORANGE FRAME CLAMSHELL (not shown)

ENC05831111 VERATTI® EAR MUFF 26 NRR (BOX)



ENC05020350 VERATTI® LENS CLEANER



ENC05020363 VERATTI® FOG FIXER



ENC05556000 VERATTI® G80 PU FOAM PADDING KIT

STINGER® LED FLASHLIGHTS

- C4® LED technology offers high, medium, low and strobe modes accessible through a multi-function head switch.
- 17,000-candela peak beam intensity; 180 lumens/runs 2 hours (high).
- NiCd battery is rechargeable up to 1000 times.
- PiggyBack® charger allows the user to simultaneously charge the light and a spare battery.



- SR75610** Red without charger.
- SR75612** Red with charger.
- SR75611** Blue without charger.
- SR75613** Blue with charger.
- SR75635** Lime Green without charger.
- SR75636** Lime Green with charger.
- SR75641** Orange without charger.
- SR75642** Orange with charger.

STINGER DS® LED FLASHLIGHTS WITH DUAL SWITCH TECHNOLOGY

- SR75614** Red without charger.
- SR75616** Red with charger.
- SR75617** Blue with charger.
- SR75615** Blue without charger.
- SR75637** Lime Green without charger.
- SR75638** Lime Green with charger.
- SR75644** Orange without charger.
- SR75645** Orange with charger.



KNUCKLEHEAD® FLASHLIGHTS

- Dual C4 LEDs produce a smooth flood pattern.
- 4 modes: High – 200 Lumens/runs 3.5 hours; Low – 63 lumens/runs 16 hours; Moonlight – runs 20 days; Flash – runs 8 hours.
- Accepts rechargeable NiCd battery pack or 4 "AA" alkaline batteries.
- Removable magnet with 135-lb. pull strength, stowable hang hook.

- SR90641** Black without charger.
- SR90607** Black with charger.
- SR90642** Yellow without charger.
- SR90627** Yellow with charger.

SR88853 POLYTAC® LED

- C4 LED delivers 5,200-candela peak beam intensity; 130 lumens.
- Runs 3 hours.
- High impact super tough nylon polymer for exceptional durability.
- IPX7; waterproof to 1 meter for 30 minutes.
- Includes two 3V CR123A lithium batteries.



MICROSTREAM®/STYLUS PRO® FLASHLIGHTS

MicroStream®: 20 lumens for 1.5-hour runtime.

- Unbreakable pocket clip; key ring and safety lanyard and (1) "AAA" alkaline battery included.

Stylus Pro®: 24 lumens for 7.5-hour runtime.

- Includes (2) "AAA" alkaline batteries and holster.
- IPX-4 water resistant.

- SR66318** Microstream® Black.
- SR66322** Microstream® Red.
- SR66118** Stylus Pro® Black.
- SR66120** Stylus Pro® Red.
- SR66121** Stylus Pro® Silver.
- SR66122** Stylus Pro® Blue.
- SR66128** Stylus Pro® Orange.
- SR66129** Stylus Pro® Lime Green.



NANO LIGHT® FLASHLIGHTS

- Easily attaches/detaches to just about anything with convenient clip.
- White LED delivers 10 lumens for 8 hours.
- Powered by 4 alkaline button cells (included).

- SR73001** Black.
- SR73003** Pink.

For every pink Nano Light sold, Streamlight, Inc will donate \$1 to The Breast Cancer Research Foundation®. By purchasing this product you are helping to make a difference in the fight against breast cancer.



PROTAC® FLASHLIGHTS

- High, low and strobe modes.
- IPX7-rated design; waterproof to 1 meter for 30 minutes.
- Impact-resistant tempered glass lens; unbreakable pocket clip.
- Anti-roll head.

- SR88030** Includes 1 CR123A lithium battery and holster
- HIGH - 110 lumens/1.75 Hours; LOW - 12 lumens/14 Hours; STROBE - 3 Hours.
- SR88031** Includes 2 CR123A lithium batteries and holster
- HIGH - 110 lumens/1.75 Hours; LOW - 12 lumens/14 Hours; STROBE - 3 Hours.

- SR88032** Includes 1 AA alkaline battery and holster
- C4® LED delivers: HIGH - 50 lumens/1.75 Hours; LOW - 6 lumens/22 Hours; STROBE - 4 Hours.

- SR88033** Includes 2 AA alkaline batteries and holster
- C4® LED delivers: HIGH - 120 lumens/1.75 Hour; LOW - 14 lumens/21 Hours; STROBE - 4 Hours.



WAYPOINT® FLASHLIGHTS

- High - 115,000-candela peak beam intensity/210 lumens/runs 8.5 hours; Low - 10,000-candela peak beam intensity/20 lumens /runs 120 hours.
- Unlimited runtime using 12V DC power cord.
- Deep-dish parabolic reflector produces a long-range targeting beam with optimum peripheral illumination.
- Powered by 4 "C" batteries (not included) or 12V DC power cord (included).
- Integrated stand for scene lighting.

- SR44900** Yellow.
- SR44902** Black.



SR74301 STRION® LED AC/DC

- C4® LED delivers High – 8,800-candela peak beam intensity, 160 lumens/runs 2 hours; Medium – 4,400-candela peak beam intensity, 80 lumens/runs 4 hours; Low – 2,300-candela peak beam intensity, 40 lumens/runs 7.5 hours
- Strobe runs 5.5 continuous hours.
- Lithium ion battery is rechargeable up to 500 times; fully recharges in 3 hours.
- Anti-roll head.



SR61080 TRIDENT HP®

- Single-power white LED with 3 white LEDs in the same reflector.
- White power LED: 2,000-candela peak beam intensity; 50 lumens.
- (1) white LED – 11 lumens, (3) white LEDs – 30 lumens.
- Runs 7 hours on one power LED and 150 hours on a single LED.
- Includes elastic head strap and rubber hard hat strap.
- Includes three "AAA" alkaline batteries.
- 90° tilting head.



SR61052 SEPTOR®

- Includes 3 "AAA" alkaline batteries.
- 50 lumens (7 LEDs).
- Runs 150 hours (single LED).
- Adjustable elastic head strap and rubber hard hat strap.
- 90° tilting head.





CE6410 DIAL INDICATOR SET

- Range: 0-1".
- Graduations: .001".
- Precise direct measurements:
 - Includes a large 2-1/4" diameter dial indicator with 1" or 30mm range.
 - Extremely accurate throughout its full range.
 - Dial is continuous with revolution counter.
 - Bezel may be rotated for any setting point.
- A powerful magnetic base with post and indicator rod.
- Contact, rod connector and indicator holding clamp.



CE6450 ROTOR/BALL JOINT RUN-OUT SET

- Range: 0-1".
- Graduations: .001".
- Check ball joint wear and brake rotor run-out.
- Also checks gear backlash, valve guide wear and camshaft wear.
- Special locking pliers mount securely to any convenient object.
- Eliminates vibration problems and false readings by mounting on spindle.



PRECISION STRAIGHT EDGES

Use with your feeler gages to measure head, block, flywheel straightness and warpage for every application from small engines up to heavy-duty diesel engines.

- Made from high quality heat-treated steel.
- 1/4" thick for great stability.
- Tough epoxy coating.
- Convenient hang-up strip.

CE6429 24" LENGTH

CE6431 35" LENGTH (not shown)

CE6475 18" LENGTH (not shown)

CE6429

CE3D105 STORM DIGITAL INDICATOR SET

- Use for precise measurements.
- On/Off magnetic base for easy mounting.
- Indicator has digital display.
- Reads in inch and metric.
- 0-1"/0-25mm Range.
- Indicator has on/off and zero buttons.
- Hold function to save reading.



CE3D101 0-1" DIAL INDICATOR SET WITH MAGNETIC BASE

- Range: 0-1".
- Graduations: .001".
- Compact magnetic base.



CE3D102 0-1" DIAL INDICATOR SET WITH ON/OFF MAGNETIC BASE

- Range: 0-1".
- Graduations: .001".
- On/Off magnetic base with flex-arm.



CE3D103 0-1" DIAL INDICATOR SET WITH LOCKING PLIERS AND FLEX-ARM

- Range: 0-1".
- Graduations: .001".
- Locking pliers clamp to any convenient object.



CE3D301 STORM CYLINDER BORE GAGE

- Range: 2-6".
- Graduations: .0005".
- Self centering.



CE3C301 ELECTRONIC DIGITAL CALIPER

- Range: 0-6"/0mm-150mm.
- Graduations: .0005"/.01mm.
- Easy-to-read digital display with inch/metric conversion.
- 4 measurements - inside, outside, depth and step.



FRACTIONAL ELECTRONIC DIGITAL CALIPERS

- Use to check the size of drill bits, sockets and other items that are either metric or fractional.
- Range 0-6"/0-150mm.
- .0005"/1-64"/.01mm resolution.
- Easy-to-read large digital display with inch/fractional inch/metric conversion.
- 4 measurements - inside, outside, depth and step.



CE3C350 FRACTIONAL ELECTRONIC DIGITAL CALIPER

CE3C351 CARBON FIBER FRACTIONAL ELECTRONIC DIGITAL CALIPER

- Composite material for superior reliability and durability compared to polycarbonite frames.

CE3M430 ELECTRONIC DIGITAL ROTOR GAGE

- Range: 0-5.50"/0mm-140mm.
- Graduations: .001"/.01mm.
- Easy-to-read digital display with inch/metric conversion.
- Measure brake rotors and ball joints.
- Pointed anvil and 3.5"-long arms to inspect rotors before turning or replacing.



CE3B530 ELECTRONIC DIGITAL DRUM GAGE

- Range: 6-20"/150mm-500mm.
- Graduations: .001"/.01mm.
- Easy-to-read digital display with inch/metric conversion.
- Selectable depth stops for easier use.
- Pointed anvils and 4.25"-long arms to inspect drums before turning or replacing.
- Measure automotive and heavy-duty drums.



CE3M113 0-3" OUTSIDE MICROMETER SET

- Includes 0-1", 1-2", and 2-3" micrometers.
- Graduations: .001".
- Swiss-style micrometers with friction thimbles and thermal shields.
- Micrometers over 1" come with standards.
- Carbide faces.



CE3H202K DIGITAL VARIABLE TEMPERATURE HEAT GUN

- "Soft Touch" control for more exact temperature setting.
- High and low speeds.
- 6 temperature settings for 12 different temperatures.
- Temperature range is 250° F to 1,200° F.
- LED display clearly indicates level of setting and temperatures.
- Patented 80-second automatic cool air flow to prevent accidental burns and extend life of heating element.
- Four tips for use in different applications.
- Plastic carrying case.
- 1-year warranty excludes heating element.



TORQUE WRENCHES

- Micrometer-type scale for setting torque.
- Set desired torque by rotating handle.
- Desired torque is indicated by feel and sound.
- Metal body and handle construction.
- Comes in fitted case.

CE3T317 20-200 IN.-LB. 3/8" RATCHET (not shown)

CE3T415 10-150 FT.-LB. 1/2" RATCHET (not shown)

CE3T425 25-250 FT.-LB. 1/2" RATCHET

CE3T660 100-600 FT.-LB. 3/4" RATCHET (not shown)

CE3T425



TORQUE MULTIPLIERS

- Increases the range of your torque wrench as much as 14 to 1.
- Designed with four pinion gears in a compact housing.
- Frictional losses in the gear train cause a loss of torque of 10% to 20%.

CE6380 4:1 RATIO; 1,000 FT.-LBS. MAX OUTPUT; 1/2" INPUT AND 3/4" OUTPUT DRIVES

CE6387 4:1 RATIO; 2,000 FT.-LBS. MAX OUTPUT; 3/4" INPUT AND 1" OUTPUT DRIVES (not shown)



CE6380



CE13003 UNDERHOOD LIGHT ON LITEPERCH™

- Gives hands-free lighting of entire engine compartment.
- Avoid awkward and dangerous halogen lights.
- Works on all passenger cars and light-duty trucks.

CE13001 UNDER HOOD LIGHT

- 25-watt cool-running fluorescent bulb.
- Extra thick shatterproof housing.
- 25' 18/2 SJTOW cord is oil and water resistant for superior life.
- Light is 44" long.

CE13002 LITEPERCH™

- Works on all cars and light duty trucks.
- Opens up from 4' to 6'6".
- Self adjusts to fit the hood.
- The light is easily positioned to better illuminate your work area.
- Covered arms protect the hood from scratches.

CE20001 LED SWING LIGHT

- Light swings through 360 degrees of positioning.
- 20 Super Bright LED's provide maximum working illumination.
- Belt clip is removeable.
- Strong magnet at one end for hands-free use.
- Incorporates recessed hanging hook for more useability.
- Field serviceable.



BOUNCE LITES – 13-WATT HEAVY-DUTY WORK LIGHTS

- Bounces instead of breaking.
- Features patented Bounce-Bulb technology.
- Superior cord life and flexibility with oil and water resistance.
- Fully enclosed safety switch.
- Heavy-duty swivel hook.



CE12006 25' 18/2 SJTOW CORD

CE12007 50' 18/2 SJTOW CORD (not shown)

CE12009 25' REEL, 18/2 SVT CORD (not shown)

CE12010 40' REEL, 18/2 SJTOW CORD (not shown)

CE3S401 ELECTRONIC DIGITAL TREAD DEPTH GAGE

- Range 0-1"/0-25mm.
- Graduations .0005"/1/64th"/.01mm.
- Allows for the reading of tire tread condition.
- Push button inch/metric conversion.
- Hardened stainless steel frame.



CE3S301 TRANSFER PUNCH SET

- 28 pieces from 3/32" to 1/2" in 1/64" increments plus a 17/32" punch.
- Made from heat-treated and tempered tool steel.
- Diameters are .0025" undersized to facilitate use.
- Punches are 4-7/8" long.
- Indexed stand.



CE3R101 COOLANT/BATTERY REFRACTOMETER

- Check the freezing point of engine coolant and inspect battery condition.
- Scales for ethylene glycol and propylene glycol.
- Reads in both Fahrenheit and Celsius.
- Calibrate with distilled water on prism.
- Adjustable eyepiece for sharp focus and precise reading.
- Battery fluid scale shows specific gravity and "Recharge, Fair, Good".
- Comes in case with cloth, distilled water and dropper.



CE6494A ANGLE FINDER

- Use to measure truck and automotive front ends and drive shaft angle.
- Magnet in base.
- Graduated in 1/2 degree increments.



SUPER BOUNCE LITES – 13-WATT WORK LIGHTS

- Bounces instead of breaking.
- Features patented Bounce-Bulb technology.
- Heavier housing and end caps for improved durability.
- Housing has built-in diffuser for more even lighting.
- Unique two-piece end cap construction for improved protection.
- Flat bottom on cord end cap for improved positional stability.
- Cold weather cord - 18/2 SJEOW for superior cold weather flexibility.
- Cord provides exceptional oil, water and abrasion resistance.
- Fully enclosed safety switch.
- Heavy-duty swivel hook.



CE121CP

CE121CP 25' 18/2 SJEOW CORD

CE122CP 50' 18/2 SJEOW CORD (not shown)



GCAK-175A HUCK AIR/HYDRAULIC RIVET TOOL

- Compact and lightweight.
- 3,500 lbs. of pulling force.
- Includes: 3/32 - 1/4" rivets.
- Air powered.



GCHK-150A HUCK HAND / HYDRAULIC RIVET TOOL

- Compact and lightweight.
- 3,500 lbs. of pulling force.
- Includes: 3/32 - 1/4" rivets.
- Hand powered.



GC205400 RIVET NUT ADAPTER FOR AK/HK TOOLS

- Turns GCAK-175A and GCHK-150A into rivet nut tool.
- Includes: 1/4-20 and 10-24 mandrels.



MR48001 MARSON PLASTIC RIVET KIT

- Extra long pulling stroke.
- Includes: 20 each of our 4 most popular plastic rivets.



FIX98140T FORD TRITON SPARK PLUG REPAIR KIT

- Repairs stripped spark plugs in Ford Triton.
- Mechanically locking sleeve.
- Quick and easy.



ECOPOLYBLEND™ DRUMSHEDS

These weather-resistant outdoor DrumSheds™ offer you high-performance spill control and help reduce landfills by using recycled material. A robust design made of 55% recycled polyethylene features convenient roll-top doors allowing access from front or rear. Forklift pockets front and back make it easy to relocate empty sheds. The EPA/SPCC-compliant leak-proof pallet sump features thick, durable deck grating which removes for easy inspection and clean up of spills. Wide door opening of 52" (1321mm) makes it easy to store palletized loads. A spacious interior offers ample headspace to accommodate working operations with funnels or pumps. Safety features include grounding capability and integral anchor bolt locations for wind resistance. Molded-in lugs accept optional padlocks for security. Ships fully assembled to save on set-up time. Optional ramp simplifies drum placement.



JT28675 2 DRUM DRUMSHED AND PALLET

JT28676 4 DRUM DRUMSHED AND PALLET

ECOPOLYBLEND™ DRUMSHED RAMPS

Optional ramp simplifies drum placement.

JT28678 2/4 DRUM DRUMSHED RAMP Yellow

JT28679 2/4 DRUM DRUMSHED RAMP Eco



JUSTRITE® / CARICA™ MAYHEW TOOLS



CA17690 TK20/20SE TELUMINATOR TORCH KIT

Illuminated inspection / pick-up kit includes focusing krypton flashlight housed above a stainless steel telescoping shaft with brass quick-change coupler, 3 acrylic inspection mirrors, inspection magnifier, 14-lb. (6.3 kg) capacity magnet, 3-lb. (1.3 kg) capacity magnet, 2 AA batteries and spare krypton bulb.

CA17715 TK5000 TELU TORCH KIT WITH 5 COMPONENTS



BLOW GUNS

CA17055 ARTICULATED FLEXIBLE AIR BLOW GUN

CA17065 STAINLESS STEEL TELESCOPING AIR BLOW GUN



CA17680 TK1000 TELEMAG™ 2-PC. TOOL KIT

Inspection / pick-up kit includes 14-lb. capacity magnet with stainless steel telescoping shaft and telescoping acrylic inspection mirror, 1-3/4" x 2-1/2".

CA17705 TK3000 TELEMAG™ SWIVEL HEAD TOOL KIT (not shown)

Inspection / pick-up kit includes 14-lb. capacity swivel head magnet with stainless steel telescoping shaft and telescoping acrylic inspection mirror 1-3/4" x 2-1/2".

CA17720 TK6000 5-PC. TELEMULTI™ KIT



CA17150 TELEMIRROR™ POLISHED STAINLESS STEEL MIRROR (not shown)

CA17750 2-1/4" X 3.6" MR01 TELESCOPING INSPECTION MIRROR

CA17755 1-3/4" X 2-1/2" MR02 TELESCOPING INSPECTION MIRROR (not shown)

CA17760 3/4" X 2-1/2" MR03 TELESCOPING INSPECTION MIRROR

CA17765 4" X 6" MR04 TELESCOPING INSPECTION MIRROR (not shown)

CA17770 2-1/4" X 2-1/2" MGMR01 3 X TELESCOPING MAGNIFIED GLASS (not shown)

HEMITECH™ 4 LED WORK LIGHTS

Unique hemispherical lens design provides a super-wide 70° clean, powerful beam with no hot spots or halos. Built shop tough with a non-slip grip, recessed on/off switch and sliding hang hook. 3 LEDs exceed the brightness of a 60 LED light and provide a lighting area equivalent to a 75W incandescent bulb. 4 LED will output 33% more light than the 3 LED with an equivalent lighting area of a 100W bulb. Available with and without chrome cord reel. Corded lights 18/2 SJOW. Chrome-cored reel 18/2 SJTOW.



CU223412 HEMITECH™ 4 LED WITH 40' CORD REEL

CU410171 HEMITECH™ MAGNET

CU123407 4 LED WITH 25' CORD



CU114303 HEMITECHPRO

- Super long life rechargeable LED worklight with equivalent-to-100W bulb.
- 9600 mAh lithium-Ion battery gives 8+ hours of continuous operation per charge.
- Convenient charging cradle with 3-hour quick charge.
- Charging indicator LED's / Car charger available for greater charging mobility.



HEMIPRO™ 2 AND 3 LED LIGHTS

Rechargeable/replaceable super-strength 2,500 milliamp/hour NiMH battery. Replaceable LUMIGUARD™ Lens Shield: Tough and easily replaceable, the LUMIGUARD™ lens shield protects and optimizes the long life of the HEMIPRO LEDs. Replaceable 360° swivel hook. 10+ years product life. Built shop tough with no-slip grip and recessed on/off switch. A truly professional light.

The 3 LED illumination exceeds that of a 60 LED light and provides a lighting area that exceeds a 75W bulb. The 2 LED provides the light area equivalency of a 60W bulb and almost twice the illumination of a 32 LED work light.

CU113302 HEMIPRO™ 2 LED WORK LIGHT

CU113303 HEMIPRO™ 3 LED WORK LIGHT

CU410169 HEMIPRO™ MAGNET

CU111101 GOOSE NECK LIGHT

- Super powerful single LED light.
- Heavy-duty base magnet.
- "Bend anywhere and stay there technology".
- 3 X AA batteries included.



JDJDI-HGC-30 30-GALLON FM APPROVED GAS CADDY

- Heavy-duty two-way pump.
- FM approved.
- 1-gal. per 12 turns.
- 2" filler neck for bulk filling.
- 8' transparent hose with anti-static grounding line.
- 3/8" drain hole to remove contaminants.
- 14-gauge steel construction.



JDJDI-8DCP 8-GALLON POLY PORTABLE OIL DRAIN

- 8-gallon red translucent poly tank allows for easy viewing of oil level.
- 18" diameter funnel with strainer.
- 2-1/2" heavy-duty swivel casters.
- Spout for evacuation.
- Adjusts from 48" to 67".
- Weight: 12 lbs.



JDJDI-5DCK-P 5-GALLON HEAVY-DUTY PORTABLE OIL DRAIN WITH DRAIN PAN ADAPTER

- 5-gallon galvanized steel container. Large 14" heavy-duty polypropylene funnel with additional 24" funnel extension.
- Tube adjusts from 40" to 67".
- 3-3/4" capped drain for easy emptying.
- High-gloss black enamel finish.
- Heavy-duty lock-on caster base.
- Weight: 20 lbs.



JDJDI-25HDC 25-GALLON HEAVY-DUTY SELF-EVACUATING OIL DRAIN

- 25-gallon capacity steel tank.
- "Auto-Check Technology" eliminates oil shower risk and makes emptying automatic.
- 16" deep-drawn offset funnel with expanded metal screen.
- 360 degree Swivel base on funnel makes positioning easy.
- Height adjusts from 50" to 70".
- Molded tray for convenient tool storage.
- Heavy-duty 4" casters provide stability and mobility.
- 6' quick-disconnect discharge hose can be permanently attached to a storage tank.
- Built-in sight tube shows fluid level in the tank.
- Weight: 85 lbs.



JDJDI-17PLP 17-GALLON POLY LOW-PROFILE OIL DRAIN

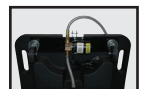
- 17-gallon capacity.
- Made of high-impact polypropylene.
- Size: 49"L x 29-1/2"W x 7-3/4"H.
- T-handle folds easily for storage and has cleats to hold discharge hose.
- Lightweight and resists dents.
- Perfect for heavy-duty trucks or low-profile specifications.
- 4" heavy-duty casters for easy maneuverability.
- Ideal for use with oils or antifreeze.

- Recessed drain valve for optional protection.
- Weight: 40 lbs.



JDJDI-17PK 110V PUMP KIT FOR 17PLP

110v electric pump transfers fluid at 5gpm. Comes with everything to complete the job. 8' evacuation hose. Weight: 6 lbs.





Lightning Gloves

Black Lightning

POWDER FREE NITRILE GLOVES

- Breakthrough 5.5 pH Technology! Made to match healthy skin's natural 5.5 pH levels to ensure the MOST comfortable fit yet!
- Unique formulation reduces excess perspiration.
- Quadruple washed - no excess chemicals lingering on the glove.
- Super strength and stretch - no more tearing.
- Textured Grip.
- 100 gloves by weight.

LGBL-M Medium.

LGBL-L Large.

LGBL-XL X-Large.

LGBL-XXL XX-Large.



White Lightning

POWDER FREE REDUCED LATEX PROTEIN GLOVES

- Extra-thick 8-mil glove! Provides superior protection against chemicals and hazards.
- Reduced latex protein! Additionally processed to remove extra latex proteins from the glove, which may reduce risk of latex allergies.
- Super strength.
- Textured grip.
- 100 gloves by weight.

LGWL-M Medium.

LGWL-L Large.

LGWL-XL X-Large.



Black Lightning

POWDER FREE REDUCED LATEX PROTEIN GLOVES

- Ultra thick 15-mil glove! At 4 times thicker than standard exam gloves, it provides the ultimate barrier protection.
- Reduced latex protein! Additionally processed to remove extra latex proteins from the glove, which may reduce risk of latex allergies.
- Extra long 12-inch cuff for added protection!
- Textured fingertips, smooth palm
- 50 gloves by weight.

LGBLUE-M Medium.

LGBLUE-L Large.

LGBLUE-XL X-Large.



ALOE COATED NITRILE GLOVES

- Using freeze-dried technology to add aloe, the gloves moisturize and soothe chapped, dry and irritated hands!
- 5.5-mil nitrile glove.
- Powder free.
- Textured grip.
- 100 gloves by weight.

LGAPN-S Small.

LGAPN-M Medium.

LGAPN-L Large.

LGAPN-XL X-Large.



ALOE COATED LATEX GLOVES

- Using freeze-dried technology to add aloe, the gloves moisturize and soothe chapped, dry and irritated hands!
- 7-mil latex glove.
- Powder free.
- Reduced latex protein.
- 100 gloves by weight.

LGAPL-S Small.

LGAPL-M Medium.

LGAPL-L Large.

LGAPL-XL X-Large.

LGAPL-XXL XX-Large.



ALOE COATED TO MOISTURIZE IRRITATED HANDS!





BYNSP-1236 37 LED DUAL-FUNCTION WORK LIGHT

- 1 LED flashlight - 65 lumens.
- 36 LED floodlight - 72 lumens.
- Includes holster and clip-magnet.



BYNSP-1236 BYNSP-1260

BYNSP-1260 61 LED DUAL-FUNCTION WORK LIGHT

- 1-watt LED flashlight - 150 lumens.
- 60 LED floodlight - 120 or 60 lumens.
- Included hands-free lighting stand and magnet.

BYSLR-2166 66 LED RECHARGEABLE WORK LIGHT

- 6 LED spotlight in handle.
- 60 LED cone shaped floodlight.
- Dual-position magnetic hanger hook.
- Includes home and car chargers.
- NiMH rechargeable battery.



BYSLR-2134 BYSLR-2166

BYSLR-2134 34 LED RECHARGEABLE WORK LIGHT

- 4 LED spotlight in handle.
- 30 LED cone-shaped floodlight.
- Dual-position magnetic hanger hook.
- Includes home and car chargers.
- NiMH rechargeable battery.

13-LED DUAL-FUNCTION HEADLAMPS

- 3-function spotlight/floodlight/dual-light option.
- 1 LED spotlight - 65 lumens.
- 12 LED floodlight - 24 lumens.
- 13 LED dual-light - 89 lumens.



BYNSP-2232 Orange

BYNSP-2212 Black (not shown)

BYSL-864 60 LED WORK LIGHT ON 50' REEL

- 60 LED work light.
- Dual-position magnet hanger hook.
- Impact /chemical / moisture resistant.
- 50' heavy-duty metal retractable reel.



BYSL-826 13W FLUORESCENT WORK LIGHT ON 50' METAL REEL

- Heavy-duty retractable reel.
- 18/2 gauge cord.
- 7,000 kelvin brightness.
- Includes mounting brackets.



BYSL-2125 60 LED CORDED WORK LIGHT

- 60 LED work light.
- Dual-position magnet hanger hook.
- Impact/chemical/ moisture resistant.
- 25' cord.



BYSL-935 13W FLUORESCENT WORK LIGHT

- 25' cord length.
- 16/3 gauge cord.
- 12-amp grounded receptacle.

BYSL-936 13W FLUORESCENT WORK LIGHT (not shown)

- Same as BYSL-935, but with 50' cord length.



BYSL-935

BYSL-8904 QUAD-TAP RETRACTABLE REEL

- Polarized plug with four 15-amp grounded receptacles.
- 50' Cord length.
- 12/3 Cord gauge.



SAFETY RATED LED WORK LIGHTS

- 80 lumen flashlight / 80 lumen floodlight / dual-light option.
- Intrinsically safe.

BYXPP-5422B Black

BYXPP-5422G Yellow (not shown)



BYXPP-5422B



DLTP8640CS OPTIMAX JR™ CORDLESS, ULTRA-COMPACT LEAK DETECTION FLASHLIGHT

Power comparable to high intensity 75W lamps. High-intensity LED with 100,000-hour service life. Inspection range of up to 6 feet (1.8 m). Powered by 3 AA batteries (included). Comes with fluorescence-enhancing glasses.



DLTP8690 OPTIMAX™ 3000 CORDLESS, RECHARGEABLE LEAK DETECTION FLASHLIGHT

Power comparable to super-high intensity 150W lamps. 50,000-hour LED service life. Inspection range of up to 20 feet (6.1 m). Powered by a rechargeable NiMH battery (included). Comes with smart AC charger and fluorescence-enhancing glasses.



DLTP9355CS DUAL-MAX™ MULTI-PURPOSE, DUAL-HEAD LED FLASHLIGHT

Super-bright blue light LED for leak detection plus a white light LED for component inspection. Power comparable to high intensity 75W lamps. 100,000-hour LED service life. Inspection range of up to 6 feet (1.8 m). Compact design for easy access into tight spaces. Powered by 3 AAA batteries (included). Comes with holster and fluorescence-enhancing glasses.



DLTPMACK OPTIMAX JR™/EZ-JECT™ COMPLETE LEAK DETECTION KIT

Includes: • DLTP8640CS OPTIMAX Jr™ ultra-compact, high-intensity LED leak detection flashlight • DLTP9845 - EZ-Ject™ A/C dye injector with R-134a hose/coupler and R-12 adapter/purge fitting • DLTP9870 - EZ-Ject™ universal A/C dye cartridge for servicing up to 14 vehicles • DLTP3405 - 1 oz (30 ml) bottle Dye-Lite® All-In-One™ standard dye for oil, fuel, ATF, PS and hydraulic leaks, services 1 vehicle • DLTP3900 - 1 oz (30 ml) bottle Dye-Lite® coolant/auto body leak dye, services 1 vehicle • Fluorescence-enhancing glasses and rugged carrying case.



DLTP8626 OPTI-LITE™/EZ-SHOT™ A/C KIT

Includes: • DLTP8620CS OPTI-Lite™, economy, 6-LED blue light leak detection flashlight • DLTP9790 - EZ-Shot™ A/C dye injection gun with R-134a hose/coupler and R-12 adapter/purge fitting • DLTP9770-0108 - 8 oz (237 ml) BigEZ™ universal A/C dye cartridge for servicing up to 64 vehicles • DP120884 - 8 oz (237 ml) spray bottle of GLO-AWAY™ dye cleaner • Fluorescence-enhancing glasses and rugged carrying case.



DLTP9360 PRO-ALERT™ ELECTRONIC REFRIGERANT LEAK DETECTOR

Features high-performance heated-diode sensor technology! Optimum sensitivity detects leaks down to 0.25 oz/year (7 g/year). Sensor life of up to 200 hours. Automatically self-calibrates to neutralize background contamination. Sensitive to R-12, R-134a and all other HFC refrigerants.



FLUKE

Raytek
A Fluke Company

FL2074974 FLUKE-87-5 TRUE RMS MULTIMETER

- 250 millisecond processor, measures capacitance, frequency, resistance, continuity, temperature, AC/DC volts and amps and milliamps.
- Has min/max, data hold and autoranging features.
- Large backlit display.



FL2538790 FLUKE-115 FIELD SERVICE MULTIMETER

- Measures AC/DC volts along with capacitance, frequency, continuity and resistance.
- Has min/max, autoranging and data hold.
- Display is backlit.



FL2117440 FLUKE-88-5/A KIT AUTOMOTIVE MULTIMETER COMBO

- Average reading measures both AC/DC volts and amps.
- Reads capacitance, frequency, continuity, resistance, temperature, fuel injector pulse width, duty cycle and rpm.
- Has 250 millisecond processor.



FL3566508 FLUKE-233/A KIT REMOTE DISPLAY MULTIMETER

- Display disconnects from body of meter allowing reading up to 33 feet away.
- True RMS meter will measure AC/DC volts and amps, autoranging, data hold and min/max.
- Measures resistance, capacitance, frequency and temperature.



RYMT4UVB MINITEMP MT4 - NONCONTACT INFRARED THERMOMETER

- Accurate readings 0° to 750° F with a distance to spot of 8 to 1.



RYMT6UVB MINITEMP MT6 - NONCONTACT INFRARED THERMOMETER

- Accurate readings from -20° to 932° F.
- Dual scale to show highest reading during scan.
- 10 to 1 distance to spot.
- Comes with storage case.



RYST25XXUS AUTOPRO ST25 - HANDHELD PYROMETER

- Accurate readings from -25° to 999° F with a dual laser.
- When lasers come together you are measuring a 1/2" spot 8" away.
- Dual scale to capture highest reading during scan.
- LED light to aid in dark areas under car or hood.





EQ5568 INNOVA® PRO DIGITAL TIMING LIGHT (DIS)

This professional quality digital timing light features a four function digital readout and easy-to-read backlit LCD which shows:
 Tachometer: 249 to 9,990 RPM - Advance Degrees (2- and 4- cycle): 0° to 90° - Dwell: 0° to 180° / 2-12 cylinders - Voltage: 10V to 16V DC. It easily switches from 2-cycle to 4-cycle, has a heavy-duty ABS/Polycarbonate shockproof housing, molded boots, built-in hand guard for protection and features a detachable 6-foot leads with metal inductive pickup. It also has a patented Skip Circuitry Test up to 9,990 RPM, one-hand operation. Includes a molded plastic storage case.



EQ3320 AUTO-RANGING™ DMM

This DMM comes with Auto-Ranging™ scales which eliminates the need to dial in the correct range when making electronic measurements. It also comes with 10 MegOhm input impedance for safe automotive and household uses (i.e., household outlets, fuses, wiring, general-purpose batteries, vehicle battery and charging system, automotive circuits and more) and features a large digital display, single-setting resistance function for voltage (AC and DC), color-coded LED's display battery quick check, protective rubber corner guards for drop protection and includes attachable test leads, holders and stand.

EQ3100 CANOBD2® DIAGNOSTIC TOOL™

- Freeze Frame Data.
- Internet updateable.
- 96 and newer vehicles.



EQ3120 CANOBD 2&1 TOOL KIT™

- Reads OBD1 and OBD2 codes.
- Freeze Frame Data.
- Reads Enhanced Codes.



EQ3130 SCAN TOOL — CANOBD2®

- Reads OBD2 Live Data.
- Reads Mode 6 and 9.
- ABS option available.



EQ3140 SCAN TOOL CANOBD2&1® KIT

- Reads OBD2 Live Data.
- Tri-Lingual.
- Reads OBD1 Codes.



EQ3150 ABS + CANOBD2® DIAGNOSTIC TOOL™

- Reads ABS Codes.
- Freeze Frame Data.
- Reads Enhanced Codes.



EQ3160 ABS + CANOBD2® SCAN TOOL

- Reads ABS Codes.
- Shows OBD2 Live Data.
- Reads Enhanced Codes.



SPECIFICATIONS

FEATURES & FUNCTIONS	EQ3100	EQ3120	EQ3130	EQ3140	EQ3150	EQ3160
1996 to Present Coverage	■	■	■	■	■	■
Links to All OBD2 Protocols Including C.A.N.	■	■	■	■	■	■
Emission Readiness Advisor LEDs	■	■	■	■	■	■
Erase Button Turns Off "Check Engine" Light	■	■	■	■	■	■
Optional RepairSolutions® with VIN Specific Fixes	■	■	■	■	■	■
Internet Updateable - Software & Cable Included	■	■	■	■	■	■
On-Screen Definitions in English, French & Spanish	■	■	■	■	■	■
Freeze Frame Data	■	■	■	■	■	■
Retrieves OEM Enhanced Engine & Transmission Codes		■	■	■	■	■
OBD1 Coverage - Ford, GM, Chrysler, Jeep, Toyota/Lexus		■		■		
Retrieves, Displays & Records OBD2 Enhanced Live Data			■	■		■
Mode 6 - O2 Sensor Testing / Mode 9 - VIN Identification			■	■		■
ABS Coverage for Most 1996 & Newer GM, Ford & Chrysler			Option		■	■



EQ3340 AUTOMOTIVE DMM™ (10 MEGOHM/UL)

This pro-quality DMM helps pinpoint engine problems with its Auto-Ranging™, auto shut-off and over-load protection features. It measures inductive RPM pickup and vehicle RPM (including Coil On Plug vehicles), has a 10 MegOhm impedance which prevents damage to the ECU, tests alternator diodes, duty cycle, solenoids, breaker points, wiring, switches and more. It also comes with automatic zero adjustment, reverse polarity protection, Min/Max and Hold buttons save retrieved data. The unit provides hands-free testing and includes test lead holders, rugged corner guards provide drop protection. A temperature probe, inductive RPM clamp and carrying case are included.

MIDTRONICS

Advancing Battery Management

MDPBT100 BATTERY AND ELECTRICAL SYSTEM TESTER

- Tests 12V automotive batteries from 200 - 850 CCA.
- Displays voltage and color LED for battery condition.
- Voltmeter mode for starter/alternator testing.



MDPBT300 BATTERY AND ELECTRICAL SYSTEM ANALYZER

- Tests 12V automotive batteries from 100 - 1400 CCA.
- Displays voltage, measured CCA and color LED for battery condition.
- Voltmeter plus color LED for starter/alternator condition.



MDPSC550SKIT 55-AMP POWER SUPPLY CHARGER

- An absolute must for "re-flashing" vehicle computers.
- Converts 120V AC line input into 13.6 VDC output.
- Operates as a 55-amp power supply while maintaining stable voltage.
- Includes HD ballistic nylon carrying case.



MDMDX-700PHD HEAVY-DUTY BATTERY AND ELECTRICAL SYSTEM TESTER

- Tests Group 31, 8D/4D batteries. (AGM or flooded.)
- Test up to six batteries in parallel at one time.
- Large back-lit screen and improved user interface.
- Full system-testing diagnostics, including starter and alternator.
- 15' (field replaceable) tester cable for efficient testing from the cab.
- New clamp designed specifically for HD and commercial testing.



MDEXP-800 ADVANCED BATTERY AND ELECTRICAL SYSTEM ANALYZER WITH INTEGRATED PRINTER

- Shop information and coupon programmable on printout.
- Tests 12V batteries from 100 - 3000 CCA—even AGM and Gel.
- Incorporates temperature measurement with deep-scan technology to improve accuracy and decisiveness.
- Displays voltage, CCA, battery, starting and charging system condition.
- Comprehensive charging system test diode-ripple.
- SD memory card allows for record keeping, data transfer and updates.



MDMDX-650P BATTERY AND ELECTRICAL SYSTEM TESTER

- Program shop information into print-header.
- Tests 6- and 12-Volt AGM, GEL and flooded batteries from 100-2000 CCA.
- Tests automotive, motorcycle, marine, lawn and garden, Group 31 and commercial 4D/8D batteries.
- Large 5-line backlit display.
- Voltmeter—1 to 30 VDC.
- 10' removable cables and tool bag case.
- Starter voltage drop, diode and four-point charging system test.



MDMDX-650 BATTERY AND ELECTRICAL SYSTEM ANALYZER (not shown)

- Same test features as MDX-650P (does not have integrated printer).
- Optional IR printer (Part # A087 sold separately).

MDMDX-P300 BATTERY AND ELECTRICAL SYSTEM TESTER

- Program shop information into print-header.
- Tests 12V batteries from 100 - 1400 CCA—including AGM and Gel.
- Displays voltage, measured CCA, battery, starting and charging system condition.
- Voltmeter mode plus high- and low-voltage memory for starter/alternator testing.



OKS-100072 SPARK PLUG TESTER

- Diagnoses spark and voltage at the spark plug without removing the plug.



OKS-100080 COIL ON PLUG TESTER

- Diagnoses spark and voltage at the COP without removing the coil.



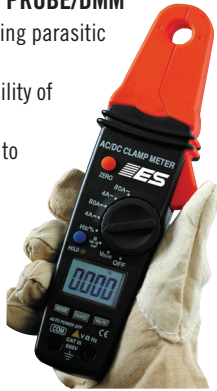
OKS-100090 FUEL INJECTION TESTER

- Tests the fuel delivery system without removing the components from the vehicle. Works for both gas and diesel injectors.



ES687 LOW CURRENT PROBE/DMM

- Perfect tool for measuring parasitic drains and low amps.
- Has low reading capability of 1 milliamp (0.001A).
- Measures from 0.001A to 80A, both DC and AC.
- Unit also features full-function DMM built-in.
- Safety rated CATIII 600 volts.



ES695 LOW CURRENT PROBE FOR GRAPHING METERS, SCOPES AND DMM'S

Great tool for accurate measurement of low current. Use with your DMM, graphing meter or lab scope to view current waveforms on fuel injectors, fuel pumps, primary ignition coils and more. Resolution of 10 milliamps is low enough for most parasitic drain testing. The 1/2" jaw opening will clamp over most negative battery cables for parasitic drain tests.



Test ranges:

- DC Amps: 0-20A, 80A (resolution .01A).
- AC Amps: 0-20A, 80A (resolution .01A).

ES655 1000-AMP CURRENT PROBE/DMM

Great tool for starting/charging diagnostics. Accurate measurement of high current. Unit also features built-in degrees F and C temperature readings.

- DC/AC amps up to 1000A.
- Full-function DMM built-in.
- Temperature in F and C.
- Backlit LCD display.
- Carrying case included.



ES332 PRO LASER PHOTO TACHOMETER

Pro model Photo Tach with high intensity laser beam. Longer detection distance - up to 6 feet away - superior performance. Features max/min memory and continuous backlit display.

- RPM range - 0 to 99,999 rpm.
- Use on diesel engines, gas engines, generators, compressors, industrial engines and equipment, fans, gears and more.



ES130 SELF-POWERED TIMING LIGHT

The original battery-powered timing light, built with quality to last. There's no need to connect to a 12V battery for power. Unit is powered by two "D" cell flashlight batteries. Great tool for marine, snowmobile, industrial, racing engines and other small engine timing. Don't accept a copy.

ES585K DELUXE AUTOMOTIVE METER

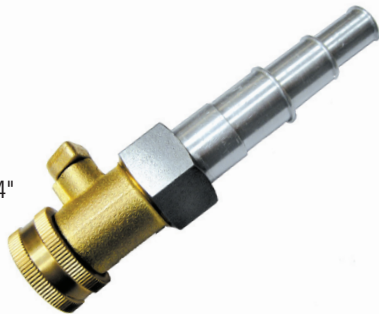
Professional grade DMM used for diagnosing electrical, computer and engine problems on any vehicle. Includes two sets of test leads, RPM pick-up, temperature probe, protective holster, 9V battery and instructions manual. RPM pick-up features an adjustable sensitivity switch. 45 test ranges, 14 test functions. Analog bargraph display.



THEXTON

TH356 HEATER CORE BACKFLUSH TOOL

- Fits 1/2", 5/8" and 3/4" heater hoses.
- Uses garden hose for water.



TH490-90 90° HD ELECTRICAL BACK PROBE PINS KIT

Includes: 20 - 90° back probe pins in 5 different colors.



TH588 PROFESSIONAL DEUTSCH TERMINAL TOOL KIT

Includes: 14-16 AWG and Size 14, 16-18 AWG and Size 16, 20-24 AWG and Size 20.



TH490-M 20-PC. ANGLED HD ELECTRICAL BACK PROBE PINS KIT

Includes: 10 - straight, 5 - 90° and 5 - 45° pins in five colors.



cps®

CSAR2788S FULLY AUTOMATIC REFRIGERANT RECOVERY, RECYCLING, RECHARGING MACHINE, 50-LB. TANK

- Tool box design, all-steel construction includes 2 integrated drawers for convenient storage of tools & filters.
- Patent-pending gear-reduction ball valves create a faster flow and eliminate all solenoids and check valves in the recovery and evacuation flow path. Both prone to failure from contaminants like A/C sealants.
- Change between traditional and hybrid vehicle systems without cross contamination.
- 6 CFM two-stage vacuum pump.



CSAR2788SB FULLY AUTOMATIC REFRIGERANT RECOVERY, RECYCLING, RECHARGING MACHINE, 90-LB. TANK (not shown)

CSSL790B ELECTRONIC REFRIGERANT LEAK DETECTOR

- Detects all HFC, HCFC, CFC and SF6 gases and blends.
- Patented automatic calibration.
- 0.25 oz. / yr. leak rate.
- Over 100 computer generated tones varying in intensity with leak size.
- Bar graph LEDs and audible tone alarm.



CSMAID8QZ BLACKMAX™ CHROME MANIFOLD SET

- Non-flutter gauge with chrome metal housing with front calibration access port.
- Anodized aluminum block body.
- 8' black non-permeating hoses with manual couplers.
- Easy-to-grab large chrome knobs.
- 1/2" ACME fittings.
- Triple Seal™ valve with o-ring design.
- Collector's Edition tin case.
- Includes Spider.



CSTLWL53A RECHARGEABLE LED WORK LIGHT

- Rugged anodized aluminum body.
- Super bright 1W luxeon spot.
- 53 proprietary high lumen output LED's.
- Integrated 2500mAh NI-MH 3.6V rechargeable battery.
- Magnetic base with hook attachment to hang or clip on metal surfaces.
- Wall and car charger/adaptor UL® / cUL® approved



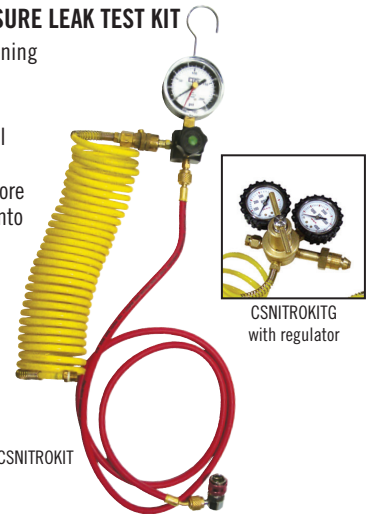
CSV2S DUAL VOLTAGE SINGLE STAGE VACUUM PUMP

- 1.9 CFM 1/5 HP single stage.
- 115 or 230 volt operation.
- Ultimate vacuum ratings of 100 microns.
- Intake connections 1/4", 3/8" flare & 1/2" ACME for use with mobile or stationary systems.
- Oil drain port for easy vacuum pump oil maintenance.



CSNITROKIT NITROGEN PRESSURE LEAK TEST KIT

- NITROKIT automotive air conditioning nitrogen pressure leak test kit.
- Check automotive A/C systems for leaks due to loose mechanical connections, leaks in hoses, evaporators and condensers, before re-introducing refrigerant back into the A/C system.
- This will prevent unnecessary leakage of refrigerant into the atmosphere.
- Check nitrogen leaks using LS790B or LS3000B.



CSNITROKIT with regulator

CSNITROKITG NITROGEN PRESSURE LEAK TEST KIT

Includes nitrogen regulator.



CSTLWL132R CORDLESS ALUMINUM LED WORK LIGHT

- Provides hands-free lighting.
- High performance 7.4V 2400mAh Li-ion rechargeable battery.
- Super bright LED provides 5000-7000 MCD light power.
- Detachable anodized aluminum bar incorporates rubber coated grips to securely attach to any auto/truck hood ranging from 51" to 81" in width.
- Includes 110-240V 50/60Hz CE approved battery charger.

CSAFM100 A/C FLUSHER MACHINE

Restores performance of A/C system by removing debris and contaminated oil from condensers, evaporators and hoses.

- Powered by shop air.
- Air purge.
- Forward or reverse flush without changing hoses
- Clear filter bowl with cleanable screen for visual inspection of what is being removed from A/C system.
- Simple 2-step operation with only one hook-up.
- Easy-to-connect quick couplers fit evaporators, condensers and hose connections.
- 8' clear braided hoses.
- Capacity 3 quarts/cars to 2.5 gallons for buses.



Universal couplers



MPX5989 TUBING BENDER - AIR OVER HYDRAULIC

- This bender can be used to achieve bends up to 180°.
- Tubing bender frame is constructed of heavy-duty structural steel.
- This bender can be used with round or square tubing dies from 1/2" to 2-1/2" diameter tubing and radiuses up to 7".
- Depending on the bend radius, you can bend tubing from .049" to .120" wall thickness.
- The 12-ton air/hydraulic ram can also be used as a manual pump.
- Capable of bending up to 2-1/2" aluminum, steel and chrome-moly.
- Available in 2 models, air over hydraulic and electric over hydraulic pumps. (Electric Models require 110V)



- A complete set of dies are available.
- Easy view protractor included.
- Dies are machined from 4140 hardened steel.
- An affordable bender with the quality and versatility of a mandrel bender.



MPX5991 BEAD ROLLER - MANUAL

- Unit will roll 18-gauge mild steel, brass, copper or aluminum.
- 20" throat depth.
- Compare features/benefits to any roller on the market.
- Dies roll on precision Timken bearings.
- Large spur gears provide effortless rolling.
- Comes standard with one beading die.
- Several dies available upon request.
- Optional motor drive available

MPX5000 ENGLISH WHEEL

- Heavy-duty 3" x 2" x .250" steel tubing.
- 24" throat depth.
- 8" Diameter upper wheel and lower anvils ride on tapered roller bearings and adjust side-to-side.
- 2" and 2-1/2" lower anvils included.



Shown with Optional MPX5010 Heavy-Duty Base

MPX5992 TUBING NOTCHER

- Unit will notch tubing up to 2-1/2" diameter.
- Notcher can be rotated to do any angle up to 90°.
- Can be mounted on a bench or drill press.
- Uses standard hole saws.
- Comes complete with precision protractor for perfect angle notches.
- 3/4" arbor for stability during operation.
- Will fit in any 3/8" or 1/2" drill chuck.



AG72A 2-TON PROFESSIONAL GRADE POWER PULL

AG18600 2-TON CONSUMER GRADE CABLE PULLER (not shown)

- 1-PC. pulley for longer cable life.
- Cable limiter keeps two wraps of cable on the ratchet wheel.



SPECIFICATIONS						
MODEL	DESCRIPTION	LEVERAGE	CAPACITY	PULL	CABLE	WEIGHT LBS
AG72A	Pro Grade	36:1	2-ton	6'	3/16"	8.1
AG18600	Consumer Grade	36:1	2-ton	6'	3/16"	7.5



AG13030 1/4" MINI LOAD BINDER (not shown)

AG13040 1/4" FORGED LOAD BINDER (not shown)

AG13050 5/16" - 3/8" FORGED LOAD BINDER

AG13070 5/16" - 3/8" RATCHET LOAD BINDER (not shown)

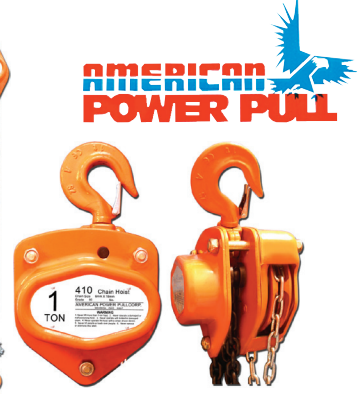
SPECIFICATIONS							
MODEL	SIZE GRADE	APPROX. WEIGHT LBS.	HANDLE LENGTH	TAKE UP	WORKING LOAD LIMIT LBS.	PROOF TEST LOAD LBS.	MINIMUM BREAKING STRENGTH LBS.
AG13030	1/4"	1.25	7-3/4"	3-1/2"	375	750	1,500
AG13040	1/4" : 40	3.1	11-1/2"	3"	2,600	5,200	7,800
AG13050	5/16" : 70 3/8" : 40	7.8	15-1/2"	4"	5,400	10,800	19,000
AG13070	5/16" : 70 3/8" : 40	10.4	14"	9-5/16"	5,400	10,800	19,000

400 SERIES CHAIN HOISTS

AG405 1/2-TON (not shown)

- Triple geared.
- Thick steel construction.

AG410 1-TON



600 SERIES CHAIN PULLERS

AG605 3/4-TON

AG615 1-1/2-TON (not shown)

- Thick steel construction.
- Drop forged safety hooks.



SPECIFICATIONS						
MODEL	RATED CAPACITY	STANDARD LIFT	DIAMETER	CHAIN DISTANCE BETWEEN HOOKS	MINIMUM PULLING EFFORTS	NET WEIGHT LBS.
AG405	1/2-ton	10'	1/4" (6mm)	10-13/16"	52 lbs.	24.3
AG410	1-ton	10'	1/4" (6mm)	12-11/16"	69 lbs.	28.7
AG605	3/4-ton	5'	1/4" (6mm)	13"	1-13/16"	17.7
AG615	1-1/2-ton	5'	5/16" (8mm)	15-3/16"	16-3/8"	26.5



START-ALL® JUMP STARTING

Voltage-regulated, safe for today's vehicle electronics. Features: reverse polarity, surge protection, run out of gas protection.



SPECIFICATIONS		
ITEM	VOLT	AMP
G011-605	12 volt	450 Amp
G011-610	12 volt	700 Amp
G011-620	12/24 volt	700 Amp

WE CARRY A COMPLETE LINE OF GOODALL START-ALLS. CALL OTHER MODELS AND OPTIONS AVAILABLE.

PORTABLE BOOST-ALL®

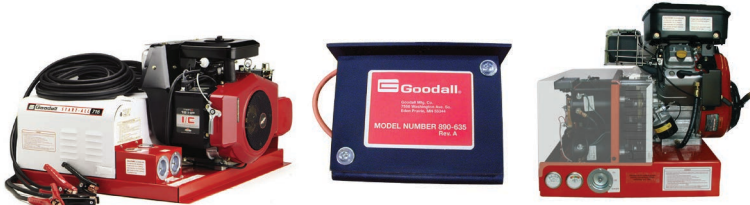
Fully-automatic charger to keep batteries in ready-to-use condition.



SPECIFICATIONS

ITEM	VOLT
G013-223	12 volt
G013-224	12/24 volt

DO YOU HAVE AN OLD START ALL? PLEASE REFERENCE G061-800 AND G061-803 KITS.



OPERATE LIKE TODAY'S SINGLE-CABLE START-ALLS. CALL FOR YOUR APPLICATION

G053-526 GAS FUEL TRANSFER



CAPSTART®

Goodall's mobile CapStart® is the most powerful jumpstarting product on the market today.

G013-085-10 12V WHEELED CART

G013-087-10 24V WHEELED CART (not shown)

G013-095-10 12V VEHICLE MOUNTED (not shown)

G013-097-10 24V VEHICLE MOUNTED (not shown)



G005-000

POWER CENTER

Goodall's Power Centers are all-in-one welder, generator, and air compressor.

SPECIFICATIONS

ITEM	POWER	AIR	WATT	AMP
G001-100	Gas	18 CFM	3,500W AC	170
G002-050	Gas	25 CFM	5,000W AC	250 DC
G002-500	Hydraulic	24 CFM	5,000W AC	250 DC
G005-000*	Gas	23 CFM	5,000W AC	250 DC

*Includes jump starting.

START-ALL® PLUG TO PLUG KITS

G012-600 PLUG TYPE 1/0 GAUGE, 30 FT.

G012-400 PLUG TYPE 4 GAUGE, 30 FT. (not shown)

G012-500 PLUG TYPE 2 GAUGE, 30 FT. (not shown)



BOOSTER CABLES

Full powered jaws, all-copper wire and flexible to -40°. Includes 1000-Amp full-power jaws.

G014-300 20 FT. 1/0 GA. CABLE

G014-301 30 FT. 1/0 GA. CABLE



GOODALL®



SCHPSJ-2212 PRO SERIES JUMPSTARTER

- 12V.
- 2200 Peak Amps.
- 330 Cranking Amps.
- 275 Cold cranking Amps.
- 22AH ProGrade battery.
- 4-Gauge 50" cables.
- 3-Amp integrated charger.
- Polarity warning.
- Built-in voltmeter.



SCHPSJ-3612 PRO SERIES JUMPSTARTER (not shown)

- 12V.
- 3600 Peak Amps.
- 470 Cranking Amps.
- 385 Cold cranking Amps.
- 2 x 18AH ProGrade battery.
- 2-Gauge 50" cables.
- 3-Amp integrated charger.
- Polarity warning.
- Built-in voltmeter.

SCHPSJ-4424 PRO SERIES JUMPSTARTER (not shown)

- 12/24V.
- 4400 Peak Amps.
- 500 Cranking Amps.
- 415 Cold cranking Amps.
- 2 x 22AH ProGrade batteries.
- 2-Gauge 55" cables.
- 3-Amp integrated charger.
- Polarity warning.
- Built-in voltmeter.

SCHPSJ-1812 PROSERIES JUMPSTARTER

- 12V.
- 1800 Peak Amps.
- 280 Cranking Amps.
- 225 Cold cranking Amps.
- 18AH ProGrade battery.
- 4-Gauge, 28" cables.



SCHINC-7A-OBD MEMORY SAVER

- Protects on-board computer memory in devices and accessories while battery is disconnected.
- 7AH internal battery.
- Integrated smart charger.
- Saves time and improves customer satisfaction.



SCHINC-812A 8-BANK DIGITAL CHARGING STATION

- 8 Independent battery chargers in one.
- 12/8/2A Settings.
- Includes eight 72" charging cable sets.
- Fully automatic operation for standard.
- Gel & AGM 12V batteries.

SCHINC-12V-OBD MEMORY SAVER ADAPTER CABLE

- Connects to the OBDII port on vehicle and to a 12V port on jumpstarter.
- Easy to read LED indicates working circuit.
- Extra long 78" cable length.



SCHINC-800A FAST CHARGER

- Charges nearly any battery in 35 minutes or less.
- 4 Unique charging modes.
- Reconditions sulfated batteries.
- Extra long 7' cables.

SCHINC-700A POWER SUPPLY / BATTERY CHARGER

- Adjustable power supply for flash reprogramming 13.0 - 14.8V.
- Adjustable amperage to 70 Amps.
- Fully automatic charging of 12V standard.
- AGM & Gel Cell batteries.
- Includes brackets for mounting to above ground hoist.



SCHPSW-70300A FULLY AUTOMATIC MICROPROCESSOR-CONTROLLED WHEEL CHARGER.

- Automatic charging of standard and AGM batteries.
- Reconditions sulfated batteries.
- Timer controlled charging options.
- 70/40/20/2-Amp charging rates.
- 300-Amp engine start assistance.



SCHPS-1562A 1.5-AMP CHARGER/MAINTAINER WITH BATTERY CLAMPS AND RING CONNECTORS

- Charges 6V and 12V standard and AGM Batteries.





A01423 1/4" HEAVY-DUTY 13" HAND RIVETER

- Patented structure increases power and reduces shock.
- Shortest long arm riveter which can operate up to 1/4" (6.4mm) stainless steel rivets.
- Shorter handle with double compound hinges that maximize leverage.
- One of our most versatile and powerful hand riveters.



A03018-30DC 3.5" DIGITAL TIRE INFLATOR WITH HOSE AND 6" DUAL HEAD CHUCK

A03018 Tire Inflator.

- Easy-change chuck system.
- 1 Button operation.
- Auto shut-off for increased battery life.
- Displays KG, PSI or BAR measurement.
- Allows accurate reading of tire pressure assisting with functionality of use with TPMS (Tire Pressure Monitoring System).



- Two position lever: 1st position deflates, 2nd position inflates.
- Works on a nitrogen system.
- With 21" hose.

A030DC 6" Dual Head Chuck.

- Straight-on 30° reverse angle chuck.
- 1/4" NPT female thread.
- 6" long.



A07858DX UNIVERSAL RADIATOR PRESSURE TESTER

- Makes testing cars' higher pressure cooling systems and pressure caps easy.
- Gauge tests pressure ranges from 0 - 35 lbs.

- Color coded dial gauge allows easy accurate testing of higher pressure caps and systems.
- Now tests radiator caps.



A07897 BALL JOINT SERVICE TOOL AND MASTER ADAPTER SET

- Removes and replaces ball joints.
- C-frame press alone can be used to remove and replace universal joints.
- Set includes all the receiver tubes and removing/installing adapters needed to work on press-fit upper and lower ball joints on most GM, Ford, and Dodge 2 and 4-wheel drive pickups, vans and sport utility vehicles through 1997.



A09020 20-PC. WIRE BRUSH SET

- Set includes 1 piece brush each in stainless steel, brass and nylon in the following sizes: 1/4", 3/8", 1/2", 5/8", 3/4" and 1".
- Choice of stainless steel, brass and nylon brushes makes this kit ideal for auto-repairing and polishing.
- Suitable for polishing and cleaning areas of autos, machines, etc.
- Set includes an extension adapter with quick disconnect chuck for use with power tools.
- Ergonomically designed handle with quick disconnect chuck provide a soft, comfortable grip.
- All brushes have a 1/4" hex shaped quick disconnect shank. No tools needed to switch the brushes.



A09481 ADJUSTABLE-STYLE HOSE REMOVER

- Specifically designed for removing hoses.
- Quickly and easily loosens and removes hoses with a simple forward and backward motion without needing screwdrivers and multi-grip pliers.
- Eliminates torn hoses and damage to plastic couplings.



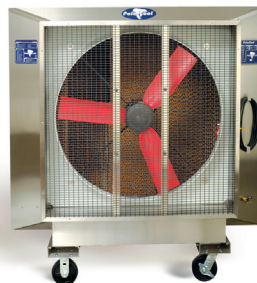
EV6622-3000 18" STAINLESS STEEL FAN

- 115 VAC.
- 3,000 cfm.
- 800 sq. ft. cooling area.



EV6622-2502 36" STAINLESS STEEL FAN

- 115 VAC.
- 10,000 cfm.
- 3,000 sq. ft. cooling area.



EV6622-0000 36" RESIN/ PLASTIC HOUSING

- 115 VAC.
- 11,000 cfm.
- 3,000 sq. ft. cooling area.



EV6622-4601 24" STAINLESS STEEL FAN

- 115 VAC.
- 4,400 cfm.
- 1,200 sq. ft. cooling area.



EV6622-3502 48" STAINLESS STEEL FAN

- 230 VAC.
- 17,500 cfm.
- 4,000 sq. ft. cooling area.



EV6622-0001 20" RESIN/ PLASTIC HOUSING

- 115 VAC.
- 4,500 cfm.
- 1,500 sq. ft. cooling area.



VQ1444-0366

THERMAL ARC® FP-135 MIG WELDING PACKAGE WITH EAGLE AUTO HELMET



- Internal polarity adjustment to change between MIG and flux cored welding.
- Plugs into standard 120V household outlet and delivers a maximum output of 135 amps.
- Welding helmet is solar powered and auto darkening with variable shade from 9 to 13.



VQ1444-0368

THERMAL ARC® FP-165 MIG WELDING PACKAGE WITH EAGLE AUTO HELMET



- Internal polarity adjustment to change between MIG and flux cored welding.
- Plugs into standard 230V outlet and delivers a maximum output of 165 amps.
- Welding helmet is solar powered and auto darkening with variable shade from 9 to 13.



VQ1444-0346

THERMAL ARC® FP-135 MIG WELDING PACKAGE WITH CART, HAMMER AND HELMET



- Internal polarity adjustment to change between MIG and flux cored welding.
- Plugs into standard 120V household outlet and delivers a maximum output of 135 amps.
- Complete package includes welding cart, chipping hammer, helmet and wire brush.



VQ0384-0939

CSV-CPT CUTSKILL® VICTOR® OXY TOTE KIT WITH TANKS



- Medium-duty portable oxy-acetylene outfit cuts up to 1-1/4" and welds up to 3/32" (or 1-1/4" with optional nozzles).
- Includes carrying tote, SR 150 CR regulator, SR 160 AR regulator, welding torch with flash back arrestors, cutting attachment, welding nozzle, cutting tip, cylinders, striker, goggles and 12.5' hose.

VQW1002603

THERMAL ARC® MIG FABRICATOR MIG 180 CART AND SPOOLGUN



- Internal polarity adjustment to change between MIG and flux cored welding.
- Plugs into standard 230V outlet and delivers a maximum output of 180 amps.
- Package includes welding cart and spool gun.

VQ100047B-001

THERMAL ARC® FABRICATOR MIG 210 (208-230V, 1PH)



- 208-230V integrated MIG with a leading performance of 250 amps maximum output @ 30% duty cycle, 16 voltage steps, spool gun ready and spot/stitch timers.
- Supplied standard with wheel kit, cylinder rack, regulator, setup chart and Tweco® gun.

VQW1003203 THERMAL ARC®

95S TIG/STICK WELDER PACKAGE



- 95 amp multiprocess machine with stick and lift TIG capability.
- 120V unit plugs into standard household outlet.
- At less than 10 lbs, this machine is extremely lightweight and portable yet designed to handle the toughest jobs.

VQ0384-2500

CS250-510 DELUXE VICTOR® CUTSKILL® TOOL BOX OFFKIT



- Medium-duty oxy-acetylene outfit cuts up to 1/2" (up to 5" with optional tips) and welds up to 3/32".
- Includes RC 250 series regulators, welding torch with flash back arrestors, cutting attachment, welding nozzle, cutting tip, striker, goggles, tool box and 20' hose.

VQSY106601111

THERMAL DYNAMICS® CUTMASTER 39 PLASMA SYSTEM



- This 30 amp unit produces quality cuts up to 5/8".
- Features auto-pilot restart, torch quick disconnect and automatic voltage selection.
- 120V - 230V input voltage with max output of 30 amps.

VQSY106401111

THERMAL DYNAMICS® CUTMASTER 52 PLASMA SYSTEM



- This 60 amp unit produces quality cuts up to 1-1/8".
- Features auto-pilot restart, torch quick disconnect and automatic voltage selection.
- Cuts mild, stainless or aluminum.

VQSY106501111

THERMAL DYNAMICS® AIRCUT 15C PLASMA SYSTEM



- This unit comes standard with a built-in air compressor and will cut up to 3/16".
- 120V, 15 amp plug standard.
- Weighs only 29 lbs.

VQ0384-2600

CS350-510 DELUXE VICTOR® CUTSKILL® TOOL BOX OFFKIT



- Heavy-duty oxy-acetylene outfit cuts up to 3/4" (up to 6" with optional tips) and welds up to 1/8" (or 3" with optional nozzles).
- Includes RC 350 series regulators, welding torch with flash back arrestors, cutting attachment, welding nozzle, cutting tip, striker, goggles, tool box and 25' hose.

VQW4011700 THERMAL ARC® AUTO DARK HELMET 9-13 SHADE, USA

- Auto darkening with variable shade from 9 to 13 with 1/20,000 second reaction time.
- Battery powered with solar assist.
- High impact rating and complies with ANSI Z87.1 requirements.



VQ4100-1002 TWECO® AUTO DARKENING WELDING HELMET, USA EAGLE

- Auto darkening with variable shade from 9 to 13.
- Welding and grinding modes.
- Solar powered.



VQ4100-1004 TWECO® AUTO DARKENING WELDING HELMET, SKULL & FLAMES

- Auto darkening with variable shade from 9 to 13.
- Welding and grinding modes.
- Solar powered.



Optimate

The battery saving charger



DESULFATING CHARGER, TESTER, MAINTAINER FOR STD FLOODED AND SEALED AGM & GEL BATTERIES.



Optimate

3+

4

5

6

ITEM	TECTM-151	TECTM-141	TECTM-221	TECTM-181
Charging Amps	0.6	0.8	2.8	5
Charging Steps	6	9	6	9
Charge Program	Standard	Dual Program	Standard	ampmatic
AC Supply	110-120V	110-120V	100-240V	100-240V
Ideal For 12V	2-30 Ah	3-50 Ah	8-120 Ah	15-240 Ah

Optimate

PRO-S

PRO-2

PRO-4S

PRO-8S

ITEM	TECTS-171	TECTS-181	TECTS-51	TECTS-45
Bank	1	2	4	8
Maximum Amps/Bank	4A	2A	4A	1A
Charge Voltage	12V	12V	12V	6V/12V
Initialize NEW	1 Hour	Standard	1 Hour	Standard
Program Selection	NEW/2A/4A	Fixed 2 x 2A	NEW/2A/4A	6V/12V
Battery Size	Powersport	2-100 Ah	Powersport	3-66 Ah

BATTERY TESTERS

TECTA-9 TESTMATE SPORT

Tester for powersport batteries 2-35 Ah.

TECTA-18 TESTMATE AUTO

Automotive, marine.

TECTS-121 TESTMATE MINI

Charging system analyzer, cranking voltage.



Accumate

FULLY AUTOMATIC 'VALUE' CHARGERS

TECTM-84 ACCUMATE 6/12V MINI CHARGER

3 Step, ideal for long-term storage.

TECTM-212 ACCUMATE PRO 12/24V CHARGER

12 7A/24V 3.5A 4-step temperature compensated.



TECTM-131 ACCUMATE PRO-5 CHARGER

5 Bank: 12V 1.8Amp 4-step charge program.

SYNCHRONIZING: CARB AND FUEL INJECTION

VACUUMMATE ALLWEATHER

The industry standard - 4x carburetor or fuel injection butterfly valves. With tach and dynamic pressure fault analyzer.

TECTS-71 ME VACUUMMATE ALLWEATHER

With rechargeable battery.

TECTS-81 WS VACUUMMATE ALLWEATHER

12V dc external supply. Includes nylon carry case, 12V supply cord, M5 and M6 flexi-rigid adapters (4 each).



TECTS-111 CARBMATE

Electronic carburetor synchronizer, bright LED display, accurate and reliable. Adjustable resolution from 0.5 to 2cmHg. Priced for shop and enthusiast.

TECTS-101 SYNCHROMATE

With tach and automatic 0.5cmHg resolution, with M5 and M6 flexi-rigid adapters.

SYNCHRONIZING ADAPTERS

TECTS-220 2- to 4- carburetor adapter.

TECTS-221 4- to 6- carburetor adapter.



IGNITION TROUBLESHOOTING

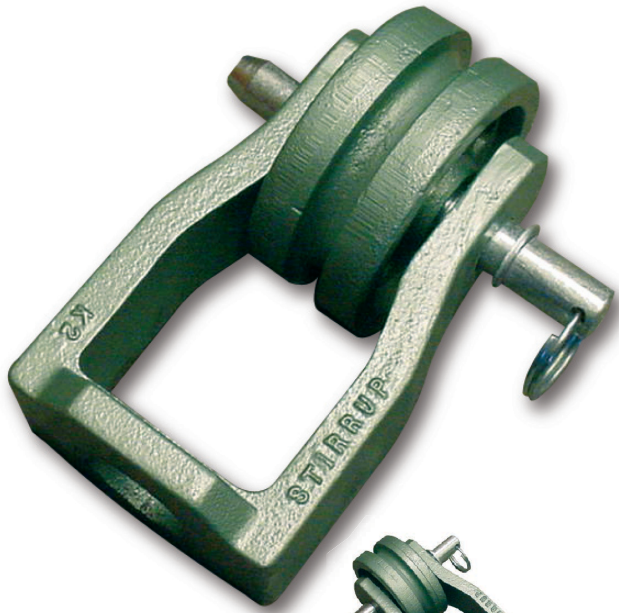


TECTS-93 IGNITIONMATE DUO

Measure and compare ignition signals from 2 cylinders on the same or different engines.

TECTS-91 IGNITIONMATE (not shown)

Single cylinder model.



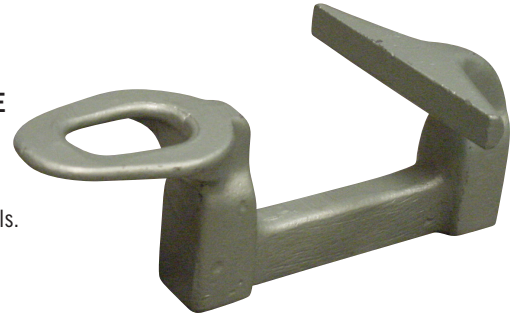
PU5818 3" PULLEY WHEEL

- Smaller size to fit under lower riding vehicles.



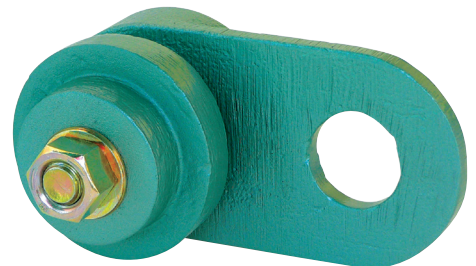
PU1255 LARGE PANEL PULLER

- Larger face to pull evenly on damaged panels.



PU2460 RADIATOR CORE SUPPORT PULLER

- Allows even pulls on radiator core supports and cab mounts of full frame vehicles.



STUDWELDER KITS

That's how we sell welders!!



MCJ01050 ENTRY-PLUS

MCJ01000 ENTRY

MCJ01500 PROFESSIONAL

MCJ01550 DELUXE

MCJ02250 SUPER-PRO PLUS

BACK-UP PADS & ACCESSORIES



MCBP-1016 6" BACK-UP PAD

- Regular profile medium PSA face.

MCBP-1026 6" BACK-UP PAD

- Regular profile medium hook face.

MCBP-1116 6" BACK-UP PAD

- Low profile firm PSA face.

MCBP-1126 6" BACK-UP PAD

- Low profile firm hook face.

MCBP-2027 7" BUFFING PAD HOLDER

- Hook face

MCBP-3026 6" INTERFACE PAD

- Soft hook/loop face

MCBP-4005 BACKING PLATE

- 5" x 7/8", pk/2

MCE-4000S STRIPE ELIMINATOR SYSTEM

- Includes: Wheel and arbors for electric and air tools.



MCAP-4 BIG BLOCK® ASSORTED SANDING BLOCK KIT

Contains:

- **MCBGS6-1** Soft Side 6-1/2" Big Block®.
- **MCBGH6-1** Hole Side 6-1/2" Big Block®.
- **MCBGK6-1** Hook Face 6-1/2" Big Block®.
- **MCBGK12-1** Hook Face 12" Big Block®.
- **MCBG6-1** Standard 6-1/2" Big Block®.
- **MCBG12-1** Standard 12" Big Block®.



SPRAY GUN FILTERS

MCD-12-1CJ PAINT SPRAY GUN FILTER 25/CJ

MCD-12-1 PAINT SPRAY GUN FILTER

MCD-12-2 PAINT SPRAY GUN FILTER 2/PK

CLEAN AIR FILTERS

MCM45KIT CLEAN AIR FILTER KIT

MCM-30 SUB-MICRONIC AIR FILTER 1/4" NPT

MCM-60 SUB-MICRONIC AIR FILTER 1/2" NPT

MCM100KIT CLEAN AIR FILTER KIT

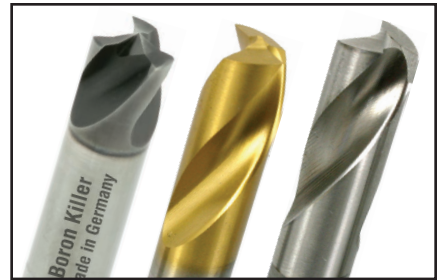
MCM-C100 ACTIVATED CARBON FILTER 1/2" NPT





DF15DX SPOT WELD DRILL

The "Original Spitznagel" spot weld drill that applies the cutting pressure pneumatically. You do not have to push on the drill bit. Our patented valved cylinder applies gentle pressure toward the panel. When the drill bit starts to turn, even more pressure is applied. This "smart" pressure valve helps prevent breakage of bits and applies correct consistent pressure from the first to the last spot weld, ensuring the long life of your bits. The 1000-rpm motor makes sure you do not burn up bits prematurely and is perfect for higher strength and Boron steels. The DF1690 is needed to drill through Boron steel.



AVAILABLE BITS

PRODUCT NUMBER	DESCRIPTION
DF1690	8mm Boron Steel Drill Bit.
DF1680T	8mm Titanium-Coated Bit.
DF1480	8mm HSCO Drill Bit.
DF1610T	10mm Titanium-Coated Bit. (not shown)

ALUSPOT

ALUMINUM REPAIR STATION

DF900 ALUSPOT ALUMINUM REPAIR STATION

110-volt capacitor discharge welder. Lockable storage cart keeps tools safe and accounted for.

- AluSpot stud welder.
- Squeeze puller.
- Body file for pins.
- Five highly polished dollies.
- Three nylon shaping tools.
- Infrared temperature gauge.
- Three steel hammers.
- Soft face hammer.
- Dead blow hammer.
- Inline undercoat and decal remover.
- Stainless steel wire brush.
- Locking squeeze puller.
- Three pin fingers.
- Heavy leverage puller.
- Hand puller.
- 500 aluminum magnesium welding pins.



DF505 "THE MAXI" DENT PULLER

This powerful 220-volt single phase dent pulling station provides the technician with the power and versatility needed to pull rocker panels, hail damage, creases, and dents and shrink stretched metal. The efficiency of this tool increases productivity while producing a cleaner, better repair.



DFHD0140 FLEXIBLE FENDER PULLER

Why didn't I think of this? Simple and easy to use. Only one clamp needed for every fender pull. Perfect for head and tail light openings and bumper pulls. You adjust the curve and pull. Versatile and EASY! 1.5-ton rated.



DF601 SURGE PROTECTOR

Acting like a sponge to soak up electrical surges, this unit protects sensitive electronic components when mig and spot welding on a vehicle. An absolute must when jump starting. No need to disconnect the battery for protection. An LED indicates that the device is working and correctly connected. Lifetime replacement warranty.

6-PC. SET OF SOFT-SANDERS™

Includes: 6 blocks of 3 different densities. 3 pieces of Super-Flex® sandpaper.

- Use with adhesive-backed wet or dry sandpaper.
- Soft rounded edges eliminate gouging.
- Super lightweight and designed for comfort no matter how they are held.
- Extremely durable and resistant to most solvents.
- Tapered edges for sanding those hard-to-access areas.
- 6 blocks of 3 different densities vary in firmness while soft enough to be compressed into places that are hard to sand.

Soft-Sanders™
by
STYLE-LINE™



SL0701

SL0701 - 5".

- Sand large curved (high crowns) areas with ease, blocks conform to the surface being sanded.
- Blocks will maintain curvature until sandpaper is removed.

SL0702 - 8".

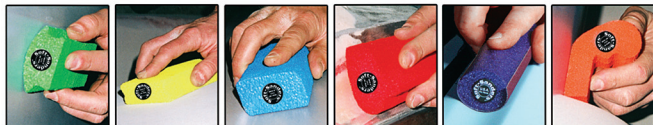
SL0703 - 11".

SL0703

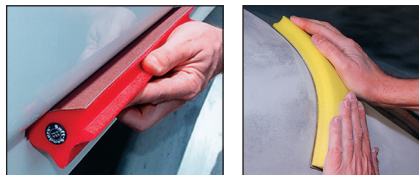


SL0702

Tips & Techniques
DVD VIDEO
Included
With Each Set



SOFT-SANDERS™ EXTRA-LONG BLOCKS



(GREEN) CONFORM-CURVE™
SL0116 - 16"
SL0120 - 20"
SL0124 - 24"

(RED) THE AMOEBA™
SL0416 - 16"
SL0420 - 20"
SL0424 - 24"

(PURPLE) OVAL-SANDER™
SL0516 - 16"
SL0520 - 20"
SL0524 - 24"

(YELLOW) QUICK-CURVES™
SL0216 - 16"
SL0220 - 20"
SL0224 - 24"

(BLUE) QUAD-RADII SANDER™
SL0316 - 16"
SL0320 - 20"
SL0324 - 24"

(ORANGE) CORNER-N-COVE™
SL0616 - 16"
SL0620 - 20"
SL0624 - 24"

SANDING PAPER



STYLE-LINE™
CORPORATION INTL.
HOME OF INNOVATION™

Super-Flex® (Cloth) Sandpaper
ADHESIVE-BACKED

5X PERFORMANCE PREMIUM QUALITY



- Specially formulated adhesive, cloth-backed sandpaper that has been pre-flexed, enables you to sand even the most demanding contour.
- This super flexible J-weight sandpaper is extremely pliable, will not tear or crack while being applied.
- Doesn't load up and lasts 5 times longer than ordinary sandpaper.

SL0150 5" 40 grit 12-pk.

SL0152 5" 60 grit 12-pk.

SL0153 5" 80 grit 12-pk.

SL0154 5" 100 grit 12-pk.

SL0155 5" 120 grit 12-pk.

SL0156 5" 150 grit 12-pk.

SL0157 5" 180 grit 12-pk.

SL0158 5" 220 grit 12-pk.

SL0159 5" 320 grit 12-pk.

SL0550 11" 40 grit 12-pk.

SL0552 11" 60 grit 12-pk.

SL0553 11" 80 grit 12-pk.

SL0554 11" 100 grit 12-pk.

SL0555 11" 120 grit 12-pk.

SL0556 11" 150 grit 12-pk.

SL0557 11" 180 grit 12-pk.

SL0558 11" 220 grit 12-pk.

SL0559 11" 320 grit 12-pk.

ROLLS

SL0902 60 grit 29.5' roll.

SL0903 80 grit 29.5' roll.

SL0904 100 grit 29.5' roll.

SL0905 120 grit 29.5' roll.

SL0906 150 grit 29.5' roll.

SL0907 180 grit 29.5' roll.

SL0908 220 grit 29.5' roll.

SL0909 320 grit 29.5' roll.

SL0450 8" 40 grit 12-pk.

SL0452 8" 60 grit 12-pk.

SL0453 8" 80 grit 12-pk.

SL0454 8" 100 grit 12-pk.

SL0455 8" 120 grit 12-pk.

SL0456 8" 150 grit 12-pk.

SL0457 8" 180 grit 12-pk.

SL0458 8" 220 grit 12-pk.

SL0459 8" 320 grit 12-pk.



Super-Flex® (Wet/Dry) Sandpaper
ADHESIVE-BACKED

4X PERFORMANCE PREMIUM QUALITY



- Sandpaper adheres while submerged in water!™
- Soft and flexible. Doesn't load up. Outlasts others by 4x.

SL0932 400 grit 29.5' roll.

SL0933 600 grit 29.5' roll.

SL0934 800 grit 29.5' roll.

SL0935 1000 grit 29.5' roll.

SL0936 1200 grit 29.5' roll.

SL0937 1500 grit 29.5' roll.

SL0938 2000 grit 29.5' roll.

SL0939 2500 grit 29.5' roll.

SLA308 8" QUAD-RADII™ SANDER/SANDPAPER COMBO PACK

Includes:

- 1 soft-sander block 8" (blue).
- 9 sheets of sandpaper (1 each grit) 80, 150, 400, 800, 1000, 1200, 1500, 2000, 2500.



DEVILBISS®

DV802342 STARTINGLINE® AUTO PAINTING AND TOUCH UP HVLP SPRAY GUN SET



- Includes: HVLP gun 1.3mm tip, HVLP detail gun 1.0mm tip, 1-600cc aluminum cup, 1-250cc aluminum cup, air adjusting valve with gauge.

DV803096 FINISHLINE® HVLP PRIMER GUN KIT (1.8MM, 2.2MM FLUID TIPS)



- 1L aluminum cup, high grade stainless steel parts, easy to clean blue anodized finish.

DV803249 FINISHLINE® HVLP SOLVENT-BASED VALUE KIT (1.3MM, 1.5MM, 1.8MM FLUID TIPS)



- 1L aluminum cup, air adjusting valve with gauge, high grade stainless steel parts, easy to clean blue anodized finish.

DV803060 FINISHLINE® HVLP WATERBORNE VALUE KIT (1.3MM, 1.5MM 1.8MM FLUID TIPS)



- 20 oz. acetal cup, air adjusting valve with gauge, high grade stainless steel parts, easy to clean blue anodized finish.

DV703489 TEKNA® COOPER HE (1.2 AND 1.3MM - 7E7), ALUMINUM CUP

- Enhanced performance and value. Transfer efficiency equal or better than HVLP. Includes 900cc aluminum cup.



DV703488 TEKNA® COOPER HE (1.2 AND 1.3MM - 7E7), UNCUPPED (not shown)

DV802851 CVI® GRAVITY GUN/CUP (1.3MM, 1.4MM FLUID TIPS, #510 TRANS-TECH HE AIR CAP, #505 HVLP AIR CAP)



- 1L aluminum cup, air adjusting valve and gauge, comfortable, lightweight, ergonomic design means reduced painter fatigue.

DV802949 CVI® WATERBORNE GRAVITY GUN/CUP (1.3MM, 1.4MM FLUID TIPS, #510 TRANS-TECH HE AIR CAP, #505 HVLP AIR CAP)



- 20 oz. acetal cup, air adjusting valve and gauge, comfortable, lightweight, ergonomic design means reduced painter fatigue.

DV170156 GTI® MILLENNIUM HVLP GRAVITY FEED GUN/ CUP (1.3MM, 1.4MM, 1.5MM FLUID TIPS, #2000 AIR CAP)



- 1L aluminum cup, air adjusting valve and gauge, the ultimate HVLP base coat/clear coat gun.

DV110264 PLUS® HIGH EFFICIENCY GRAVITY FEED GUN/CUP (1.2MM, 1.3MM, 1.4MM FLUID TIPS, #410 AIR CAP)



- 1L aluminum cup, air adjusting valve and gauge, powerful atomization, powerful productivity, powerful efficiency, the choice for clearcoats.



DV130522 CT PLUS™ 5-STAGE FILTER SYSTEM

- Complete compressed air treatment and drying center, worry free air filtration for top quality paint jobs, 75 CFM capacity at 100 PSI, easy and economical maintenance, ergonomic, self relieving regulator and quick change desiccant bag.



DV130525 QC3 FILTER AND DRYER UNIT

- Light-duty compact air filter/dryer, removes water, oil and humidity from compressed air. Quick change desiccant cartridge easy to maintain. A great choice for light usage such as low volume shops, restorers, customizers and hobbyists.



AERODRY® PAINT DRYER GUN AND TWO-GUN STAND

- Efficient amplified drying, waterborne paint dryer reduces drying time, coanda effect amplifies inlet air flow about 7 times.

DV130529 AERODRY® PAINT DRYER, TWO-GUN STAND

DV130530 AERODRY® PAINT DRYER GUN



DV802609 DAGR® GRAVITY AIRBRUSH (.35MM)

- Excellent control, versatile, durable, comfortable, high quality, value; hairline detail to high paint-flow shading and gradual fades, spray automotive paints to waterbased inks, solvent proof fluid passages, lightweight. Collector storage tin included.

DV803285 DAGR® GRAVITY AIRBRUSH, 1/8 HP COMPRESSOR AND HOSE

- Includes .35mm DAGR airbrush, 1/8 HP Airblade® Compressor, 10' Braided Air Hose (Nylon).



HS7500 GLUE PULLER, PAINTLESS DENT REMOVAL SYSTEM

- The most efficient way to remove dents without damaging paint or removing interior panels.
- For PDR specialists to reduce their repair time.
- For shop owners and bodymen to perform PDR work in shop.
- Works on panels where conventional tools will not reach.
- Large protective feet adjust to the contours of the panel surface.
- Complete with glue, pull knobs, glue gun and carrying case.

Contains:

- HS7560** Professional Glue Gun.
- HS7535** Heavy Weight (Beige) Glue Sticks.
- HS7540** Non-Marking Knock Down For Finishing.
- HS7550** Small Flat Pull Knob.
- HS7551** Large Flat Pull Knob.
- HS7555** Small Convex Pull Knob.
- HS7556** Large Convex Pull Knob.

HSDK1000 DENT KILLER

- Dent Killer attachment upgrades your Uni-Spotter stud welder to a studless lever action dent puller.
- Dent Killer 1000 fits all Uni-Spotter stud welders.
- Dent is levered out using only required amount of pull to leave a flat surface, great for restoring body lines.
- Replacement welding tips # 8004 available in packages of four.



HSS1000 CURE-TEK SHORT WAVE INFRARED CURING SYSTEM

- The fastest, most efficient method of curing automotive finishes including waterborne, primers, top coats and panel adhesives.
- Single head 1,000W, 120V.
- Short wave penetrates through the paint and cures from panel surface outward.
- Cuts curing time from hours to minutes for smaller jobs.



HS2120 UNI-WIRE DELUXE KIT

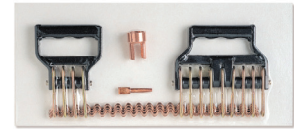
- Designed for working along creases and for larger damaged areas.
- The Uni-Wire HS2100 (1/2-lb. bundle) or HS2101 (1-lb. bundle) is 15-gauge wire with composition chosen for strength and flexibility.
- The Uni-spotter stud welder with the HS2110 tip is used to weld the wire in place.

Contains:

- HS2100** Uni-Wire 1/2-lb. Bundle.
- HS2114** Four-Finger Uni-Claw.
- HS2119** Nine-Finger Uni-Claw.
- HS2130** Uni-Wire Welding Tip Conversion Kit (HS1041 Eliminator and HS2110 Tip).

Individual accessories available:

- HS2100** INDIVIDUALLY BOXED 1/2-LB. BUNDLE UNI-WIRE
- HS2101** INDIVIDUALLY BOXED 1-LB. BUNDLE UNI-WIRE



FLAP TR DISCS

As the layered flaps wear away, a fresh layer of abrasive is exposed, providing a consistent cut rate and finish.

- NR94551** 2" 40 grit.
- NR94553** 2" 80 grit.
- NR94554** 2" 120 grit.
- NR94564** 3" 40 grit.
- NR94566** 3" 80 grit.
- NR94567** 3" 120 grit.

BEAR-TEX SURFACE BLENDING DISCS

- Bear-Tex surface blending discs deliver superior, consistent finishes and provide a higher rate of cut for increased productivity.
- Ideal for removing rust and oxides, blending out disc marks, and removing coatings and gasket residues from automotive surfaces.



- NR09190** 2" medium.
- NR09191** 2" coarse.
- NR09193** 3" medium.
- NR09194** 3" coarse.

PORTABLE FILE BELTS

- Norton's patented Norzon grain allows for a faster cut rate and longer life.
- Intended for use with the appropriate portable belt sander.



- NR40295** 3/8" x 13" 60 grit belt.
- NR36062** 3/8" x 13" 80 grit belt.

GEMINI CUT-OFF WHEELS

Gemini cut-off wheels provide a fast cut and long life, ideal for most cutting applications.

- NR89018** 3" x 1/32" x 3/8" wheel.
- NR89014** 3" x 1/16" x 3/8" wheel.



BLAZE TR DISCS

- Norton SG Blaze's self-sharpening design is ideal for high pressure, heavy metal removal applications.
- Possesses a double laminate backing for added durability.

- NR62318** 2" 36 grit.
- NR62320** 2" 50 grit.
- NR62328** 3" 36 grit.
- NR62330** 3" 50 grit.



SA5420-50 LED INSPECTORS SAFETY GLASSES

- Ultra-bright built-in LED lights.
- On/Off switch.
- High-impact polycarbonate coating.
- LR44 batteries included.
- Scratch-resistant coating.
- 99.9% UV protection.
- Non-slip nose piece.
- Anti-fog coating on lenses.
- Meets current ANSI Z87.1+ standard.



LED INSPECTORS READERS SAFETY GLASSES

- Ultra-bright built-in LED lights.
- Adjustable LED focus.
- 4 magnification strengths.
- See LED inspectors for additional features.

SA5420-15 1.5 magnification strength.

SA5420-20 2.0 magnification strength.

SA5420-25 2.5 magnification strength.

SA5420-30 3.0 magnification strength.



SA5140 STANDARD FACESHIELD

- High-impact polycarbonate lens.
- 8" x 15-1/2", 0.06" thickness.
- Pre-injected curved lens.
- Locking adjustable headpiece.
- Meets ANSI Z87.1+ standard.



RAVEN NITRILE GLOVES

- Powder-free black nitrile.
- 6-mil nitrile.
- Superior puncture and abrasion resistance.
- Latex-free.
- Textured grip with beaded cuff.
- Box Qty: 100 gloves by weight.



SA66517 Medium.

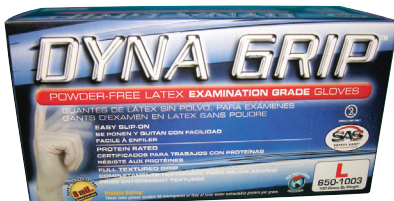
SA66518 Large.

SA66519 X-Large.

SA66520 XX-Large.

DYNA GRIP LATEX GLOVES

- Powder-free exam grade latex.
- 8-mil latex.
- Easy slip-on.
- Full textured grip with beaded cuff.
- Box Qty: 100 gloves by weight.



SA650-1002 Medium.

SA650-1003 Large.

SA650-1004 X-Large.

SA650-1005 XX-Large.

NSX TURBO SAFETY GLASSES

- High-impact polycarbonate lens.
- Lightweight single lens wrap-around design.
- Scratch resistant coating.
- Meets ANZI Z87.1+ standard.

SA5330 Clear Lens.

SA5331 Shade Lens.

SA5332 Yellow Lens.

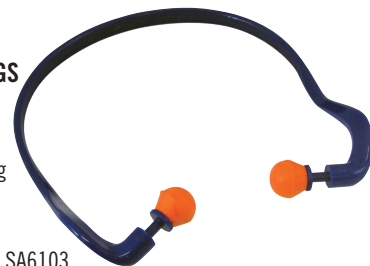
SA5333 Light Blue Lens.

SA5334 Indoor/Outdoor Mirror Lens.



SA6102 BANDED EAR PLUGS

- Soft, flexible protection.
- Lightweight.
- Easily covers the ear opening for a comfortable fit.
- NRR 20.
- Replacement caps available SA6103.



SA6103 REPLACEMENT CAPS



PORPP-1K PROPIEZO SOLDERING IRON KIT

- Cordless butane-powered soldering iron.
- 90-min run time.
- 15-75 watts of adjustable power.



PORSP-1K SUPERPRO SOLDERING IRON KIT

- Cordless butane-powered soldering iron.
- 60-min run time.
- 25-125 watts of power.



PORPP75 PLASTIC WELDING KIT

- Cordless butane-powered iron to use with different types of plastic rods for repair of most types of plastic.



PORGT220 BUTANE TORCH

- Medium butane-powered torch with 50-220 watts of adjustable power.



PORHP820 BUTANE TORCH

- High-powered butane torch with 50-820 watts of adjustable power.



HP82005 VISION 100 HEADLIGHT AIMER

- Built in digital display for easy step-by-step aiming instructions.
- Capable of aiming all headlamps on any make of vehicle sold in North America including US high beams, low beams, and fog lamps.
- Includes Ni-Cd battery pack, 8' floor track, floor slope transit and battery charger.
- Approved for use in all safety inspection programs.

HP82009 VA-25 HEADLIGHT AIMER

- Aims all D.O.T. approved headlamps.
- Built-in light intensity meter to assist in locating optical center of lamp.
- Comes with G-2 Transit to calculate floor slope.
- Meets or exceeds the SAE J599 and J600 standards.



American Aimers

HOPPY

PORTASOL® / AMERICAN AIMERS

MASTER[®] APPLIANCE

MAMT-70 PALM-SIZED TRIGGERTORCH

- Ergonomic handle design ensures a non-slip grip.
- Removable base for table-top or hand-held use.
- 60 minutes of continuous run time.
- Use to heat parts, ignite materials, melt plastic, shrink tubing, solder and desolder, terminate specialty connectors and more.



MAMT-76 TRIGGERTORCH

- Includes soldering iron and heat tip for soldering up to 752°F and heating up to 932°.
- Adjustable flame.
- May be held or used hands free.
- Meets CPSC requirements.



MAMT-76K TRIGGERTORCH KIT

Packed in a durable plastic case.

Contains:

- Triggertorch.
- Removable stand.
- 5" wire cutter.
- 5" needle nose pliers.
- Solder tip.
- Heat tip.
- Shrink attachment.
- Polyfoam cutter
- Hot knife tip
- Roll 60/40 solder.
- Stand with sponge.



MAUT-100SI SELF IGNITING ULTRATORCH, SOLDERING AND HEAT TOOL

- Lighter in weight than other models, making it easy to hold and use over extended periods of time.
- Built-in fuel filter for consistent fuel ignition.
- Adjustable temperature up to 1200°F.
- Dual function soldering iron and heat tool.
- Use to pinpoint heat, remove surface mount components, repair vinyl, shrink heat shrink tubing, solder and desolder, spot dry, and more.



MAHG-501A HEAVY-DUTY HEAT GUN

- High temperature and power ratings.
- Accommodates many industrial and commercial heating applications.
- Sturdy die cast housing.
- Adjustable non-slip stand.
- Use to bend plastics, cure adhesives, dry parts, heat parts, shrink tubing and packaging, strip paint and more.



MAHG-751BK HEAVY-DUTY HEAT GUN KIT

Contains:

- Heat gun.
- Shrink attachment.
- Spreader attachment.
- Reducer attachment.
- Storage case.

MAGT-70 GENERAL INDUSTRIAL TORCH WITH METAL TANK

- Self-igniting.
- Large adjustable blue flame.
- Safety lock.



MAMT-51 TABLE TOP MICROTORCH

- Open-flame torch.
- May be held or used hands free.
- Wide, stable base is perfect for hands-free use.
- 2-hour continuous run time.
- Adjustable flame.



MAEC-100 ECOHEAT HEAT GUN

- Two heat settings: 500° and 1000° F.
- Accommodates many automotive and commercial applications.
- Lightweight - 1 lb.
- Easy to hold at any angle for long periods of time, eliminates operator fatigue.
- Use to bend and form plastics, dry body fillers, remove decals, spot dry paint, shrink tubing, packaging and more.



MAEC-100K ECOHEAT HEAT GUN KIT

Packed in a durable storage and carrying case.

Contains:

- MAEC-100 heat gun
- 7/8" air reducer attachment
- 1 shrink tubing attachment
- 1-15/16" and 3-1/8" spreader attachments.

MA51773 ULTRATANE BUTANE

- 5 1/8 oz Canister.
- Triple-refined formula reduces clogging of filters.
- Special vapor pressure promotes consistent ignition.
- Contains no CFC's, canister with single-piece universal filling tip.
- Use to fuel all Master butane-powered products.
- Must purchase in case quantities (12/cs).



MGMHSRKIT HEADLIGHT SPOT REPAIR KIT

Includes:

- 1 Mini DA Sander.
- 1 Mini Rotary Polisher.
- Air Tool Wrench.
- Manual.
- 6 Boxes of assorted Unigrit Sanding Discs.
- 2 - 3" Wool Buff Pads.
- 6 Assorted 4" Foam Pads.
- Assorted 3" Accessories (including Backing Plate and Pad).
- Black Canvas Bag.



ULTRA-CUT COMPOUND

- Ultra-fast cutting removes 1200 grit or finer sanding marks.
- Super-micro abrasives leave best in class finish.
- Also great for removing scratches, defects, acid rain and severe swirls/holograms.



MGM-10501 1 gallon

MGM-10532 32 oz.

MGM-10508 8 oz.

MGMHSRNT HEADLIGHT SPOT REPAIR KIT WITHOUT TOOLS

(not shown)

FINAL INSPECTION

- Fast, mist-on, wipe-off.
- Use to evaluate paint repairs or to look for surface defects.
- Excellent as clay lubrication.



MGM-3401 1 gallon

MGM-3416 16 oz.

ULTRA FINISHING POLISH

- Permanently removes swirls and light defects from all paints.
- Produces deep reflections and hi-gloss.
- Smooth-glide buffing feel and fast wipe-off.



MGM-20501 1 gallon

MGM-20532 32 oz.

MGM-20508 8 oz.

MGWVHC7 WOOL HEAVY CUTTING PAD

- 100% wool, 1" twisted fibers for faster cutting and effective removal of sanding marks and defects.
- Color coded buffing pad, burgundy for "heavy cutting".
- Flat pad design expands cutting area to reduce buffing time.



MGWWLC7 WOOL LIGHT CUTTING PAD

- Unique 1" fiber blend for less aggressive, safe cutting.
- Ideal for scratch resistant coatings.
- Color coded buffing pad, yellow for "light cutting".
- Flat pad design expands cutting area to reduce buffing time.



MGW-8207 SOFT BUFF™ 2.0 POLISHING PAD

- Eliminates minor surface defects while restoring gloss.
- 7" pad and new foam technology.
- Machine washable.
- Recessed backing.



MGW-9207 SOFT BUFF™ 2.0 FINISHING PAD

- All new soft foam technology removes light swirls and creates a luxurious high glass finish.
- Smooth buffing with minimal fatigue.
- Machine washable.
- Recessed backing.

MGW-68 SOFT BUFF™ 2.0 BACKING PLATES - ROTARY

- Tailor-made to enhance the buffing feel and finish results when used with our Soft Buff™ 2.0 Pads.
- Precisely tuned outer edge for ideal pad contouring over flat and curved surfaces.
- Long lasting, one-piece molded construction.



HKG100 ECONOMY PAINT GUN WASHER WITH AUTOMATIC TIMER

- Cleans one gun, one cup.
- Industrial strength polyethelen tub.
- Automatic timer.
- Safety lid shut-off switch.
- Compatible with solvent or water based paint systems.



HKG520 WATERBORNE & SOLVENT PAINT GUN WASHER

- Hands-free waterborne paint gun cleaning with efficient paint filtration for easy waste disposal.
- Automatic 2 guns / 2 cups solvent paint gun cleaning.



HKG200 "CLASSIC BLUE" PAINT GUN WASHER

- Cleans 2 Guns, 2 Cups.
- Automatic timer.
- Safety lid shut-off switch.
- Extra large tank for easy set up.
- Compatible with solvent or water based paint systems.



HKG550 WATERBORNE PAINT GUN WASHER

- Hands-free waterborne paint gun cleaning with efficient paint filtration for easy waste disposal.



herkules™

AIR JACKS

- Internal stabilizing cylinder ensures stable, solid positioning.
- 4,500 lbs. capacity.
- Accessories: HKAJ-X50 2' extension, HKAJ-X100 4" extension and HK10454 pinchweld adaptor.



HKAJ-2 6" x 13"

HKAJ-3 7-7/8" x 19-1/4"

WISE AND GRINDER STANDS

- Stands swivel and lock into multiple positions.
- Steel base plates measure 8" x 8" x 1/4".
- 34" floor height.
- 150 lbs. capacity.
- Lag bolts required.

HKVGW1 Wall mount

HKVGF1 Floor mount





MY45048 CATSPAW™ LIGHTED FLEX TOOL



MY62254 12-PC. PILOT PUNCH® KIT

MY62252 9-PC. PILOT PUNCH® KIT (not shown)



MY45046 CATSPAW™ LIGHTED PICK-UP CLAW TOOL

MY45650 CATSPAW™ HOSE CLAMP PLIERS



MY45051 CATSPAW™ LIGHTED INSPECTION MIRROR



MY85005 6-PC. OVERMOLDED PUNCH AND CHISEL SET



MY45044 CATSPAW™ MAGNETIC LIGHTED PICK-UP TOOL

MY45045 CATSPAW™ MAGNETIC LIGHTED PEN

MY45015 CATSPAW™ POUCH FOR 45044 & 45045 (not shown)

MY45054 CATSPAW™ MAGNETIC LIGHTED PICK-UP TOOL/FLEX LIGHT BATTERIES (4 PK) (not shown)

MY45055 CATSPAW™ LIGHTED PEN/LIGHTED CLAW BATTERIES (3 PK) (not shown)

MY45065 CATSPAW™ LIGHTED PEN INK REFILLS (2 PK) (not shown)



MY45049 CATSPAW™ BELT REMOVAL TOOL

MY80029 DOMINATOR® BAR VAULT



MY45050 CATSPAW™ LIGHTED MAGNIFYING SAFETY GLASSES



MY29895 STUD EXTRACTOR



MY62277 4-PC. ASSORTED BRASS TOOL KIT



MY60005 2-PC. DOMINATOR® WELD WAKKER™ SET



MY60002 6-PC. DOMINATOR® PROFESSIONAL HOOK AND PICK SET



MY60000 4-PC. DOMINATOR® HOOK AND PICK SET (not shown)

MY60003 4-PC. DOMINATOR® "MINI" HOOK AND PICK SET (not shown)

MY66002 27-PC. IMPERIAL HOLLOW PUNCH KIT (1/8"- 2")

MY66000 16-PC. IMPERIAL HOLLOW PUNCH KIT (1/8"- 1-13/16") (not shown)

MY66004 16-PC. METRIC PUNCH KIT (3MM-30MM) (not shown)

MY66008 11-PC. IMPERIAL HOLLOW PUNCH KIT (1/8"- 3/4") (not shown)



MY66306

MY66306 10-PC. CATSPAW™ CAPPED END SCREWDRIVER SET

MY66300 6-PC. CATSPAW™ CAPPED END SCREWDRIVER SET WITH CASE (not shown)

MY66302 4-PC. CATSPAW™ PRY BAR SET (not shown)

MY66303 5-PC. CATSPAW™ X-LONG SCREWDRIVER SET (not shown)

MY66304 48-PC. CATSPAW™ BIT DRIVER SET (not shown)

MY66307 2-PC. CATSPAW™ MAGNETIC PICK-UP SET (not shown)

MY66309 5-PC. CATSPAW™ BALL-END HEX DRIVER SET (not shown)

MY66310 8-PC. CATSPAW™ STAR DRIVER SET (not shown)

MY66311 7-PC. CATSPAW™ NUT DRIVER SET (not shown)

MY45052 CATSPAW™ SAE HEAVY-DUTY TWISTED HEX KEY SET

MY45053 CATSPAW™ METRIC HEAVY-DUTY TWISTED HEX KEY SET





ECONOMY MICROMETERS AND SETS

- .0001" reading.
- Carbide measuring faces.
- Ratchet thimble and locking nut.
- Microfine graduation.
- Sizes over 1" supplied with standards.
- Meets or exceeds Federal specifications

SPECIFICATIONS	
ITEM	DESCRIPTION
FW72229201	0-1" Outside micrometer
FW72229202	1-2" Outside micrometer
FW72229203	2-3" Outside micrometer
FW72229204	3-4" Outside micrometer
FW72229205	4-5" Outside micrometer
FW72229206	5-6" Outside micrometer
FW72229213	0-3" Micrometer set
FW72229214	0-4" Micrometer set
FW72229220	0-100mm Metric set with .01mm gradation



DIGITAL COUNTER MICROMETERS AND SETS

- Digital counter reads to .001".
- Resolution: .0001" (.01mm on metric set)
- Microfine graduations on satin chrome
- Carbide tipped measuring faces
- Ratchet thimble.
- Positive locking nut on spindle.
- Sizes over 1" supplied with standards.

SPECIFICATIONS	
ITEM	DESCRIPTION
FW72224001	0-1" Digit counter micrometer
FW72224002	1-2" Digit counter micrometer
FW72224003	2-3" Digit counter micrometer
FW72224004	3-4" Digit counter micrometer
FW72224103	0-3" Digit counter micrometer set
FW72224104	0-4" Digit counter micrometer set
FW72224220	0-100mm Metric set with .01mm gradation

FW74101175 POLY-CAL® ELECTRONIC CALIPERS

- Inch/Metric/Fraction.
- Range 6"/150mm.
 - Polycarbonate frame.
 - Large easy-to-read display.
 - Resolution: .0005"/.01mm, fractions in 1/64 increments.
 - Absolute/incremental measurement.
 - Direct inch/metric/fraction conversion.
 - 4-way measuring.
 - Accuracy: $\pm .008"/.2\text{mm}$.
 - Supplied with vinyl pouch.



XTRA-VALUE CAL FW741011502 ELECTRONIC CALIPER

- Range: 6"/150mm.
- Accuracy: .001"/.02mm.
- Resolution: .0005"/.01mm.
- Direct inch/metric conversion.
- 4-way measurement, inside, outside, depth and step.
- Includes molded case.



FW741003301 EURO-CAL™

- Inch/Metric/Fraction.
- Range: 6"/150mm.
 - Resolution: .0005"/.01mm, fractions in 1/64 increments.
 - Direct inch/metric/fraction conversion.
 - Absolute/incremental measurement.
 - 4-way measuring.
 - RS232 output.
 - Includes molded plastic case.



FW74150020 ELECTRONIC BRAKE DRUM GAGE

- 4" to 20"/100 to 500mm capacity.
- Inch/Metric/Fraction Conversion.
- 4" drum preset.
- Zero set.
- Hold function.
- Preset depth at 1" and 1.5".
- Resolution 0.0005"/0.01mm (fractions in 1/64" increments).
- Protected to IP54 specification.
- Beam has vernier scale to double check reading.
- Thumb lock.
- RS 232 capability.
- Can be used to check some disc measurements.
- Includes wooden case.

Rotomike® EXTENDED RANGE DIGITAL DISC BRAKE MICROMETERS

- Fast, easy-to-read digit counter.
- Range: 0.3"-1.7"/10-45mm.
- Digital counter reads .001"/0.01mm sleeve reads .0001"/0.01mm.
- Ratchet thimble.
- Carbide tipped measuring faces.
- Includes case and measuring standard.



SPECIFICATIONS	
ITEM	DESCRIPTION
FW72234422	0.3-1.7" Rotomike
FW72234423	10-45mm Metric Rotomike

FW72520757 ECONOMY DISC AND ROTOR/BALL JOINT GAGE

- Checks ball joint wear and disc rotor runout.
- Checks tire and wheel runout, gear backlash, valve guide wear, etc.
- Meets state inspection requirements.
- Indicator features 0-1" travel, and .001" graduations; Inch/Metric 1"/25mm, .001"/.01mm gradation.
- Includes shop-hardened case.



FW72520730 INCH/METRIC MODEL (not shown)

FW72520717 PREMIUM MODEL (not shown)



Rotomike®

FW74150006 ROTOCAL ELECTRONIC ROTOR GAGE

- Inch/Metric/Fraction.
- Range: 5.5"/140mm.
 - Reads in inch, metric, and fractions.
 - Direct inch/metric/fraction conversion.
 - Resolution: .0005"/.01mm (fractions in 1/64" increments).
 - Conical anvil for groove measurement.
 - 3.5" jaw depth for larger rotors.
 - Includes molded case.

FW74150004 TWIN CONICAL ANVIL ROTOCAL (not shown)





FLEX MAG SET

FW72585500 CHROME FLEX MAG AND AGD BLACK FACE INDICATOR

Flex-Arm Mag Base features:

- Corrosion resistant chrome plated flex arm. • 85-lb. pull magnet. • Holds rigidly in almost any position. • V-base for mounting on rounded surfaces.



Magnetic Indicator Back features:

- Use for positioning the indicator on most metal surfaces. • Protective coating.

AGD indicator features:

- AGD Group 2. • Dial diameter: 2-1/4". • Travel: 1". • Reading: .001". • Continuous reading: .100". • Carbide tipped point. • All in a shop-hardened case.

FW72585150 ARTICULATING MAG BASE & INDICATOR COMBO

Can be set up in almost unlimited positions!



AGD Indicator features:

- 1" travel. • Continuous reading: 0-100. • AGD group 2, 2-1/4" dial diameter. • Revolution counter. • Tolerance markers. • Lug back mount. • Carbide points.

Articulating Mag Base features:

- Adjust in almost unlimited ways. • Fine adjust. • 85-lb. pull. • V-Base. • On/Off lever. • Includes shop-hardened case.

FW72641300 FLEX ARM BASE AND WHITE FACE DIAL INDICATOR COMBO

Flex-Arm Mag Base features:

- 85-lb. pull. • Holds rigidly in any position desired. • V-base for placing on round surfaces. • On-Off lever release magnet.



Indicator features:

- 1" travel. • AGD group 2. • 2-1/4" dial diameter. • Reading: .001". • Continuous reading: 0-100. • Revolution counter. • Tolerance indicators.

FW72520707 LONG RANGE INDICATOR TEST SET

- For direct measurements. • Rotates for setting at any point. • Includes mag base with post and dual diameter rod. • Includes indicator which features 1" range; .001" graduations; reading: 0-100; 2-1/4" dial diameter and includes rod connector and holding clamp. • Carbide contact point. • Includes shop-hardened case.



CYLINDER DIAL BORE GAGE SETS

Carbide Anvils features:

- Easy-to-read.
- Economical.
- Graduation: .0005".
- Insulated grip.
- Chrome-plated handle.
- Includes extension holder and fitted case.



SPECIFICATIONS	
ITEM	DESCRIPTION
FW72646100	.7-1.5"
FW72646300	2-6"

X-TENDER CYLINDER DIAL BORE GAGE SETS

Carbide Anvils features:

- Easy-to-read.
- Economical.
- Graduation: .0005" or .01mm.
- Insulated grip.
- 1.4" to 6" range or 35 to 160mm.
- Chrome plated handle.
- Includes extension holder and fitted case.



SPECIFICATIONS	
ITEM	DESCRIPTION
FW72646400	1.4"-6"
FW72646220	35-160mm Metric X-Tender

FW74646401 X-TENDER-E ELECTRONIC CYLINDER BORE GAGE SET

Bore Gage features:

- Range: 1.4"-6"/35mm-150mm.
- Carbide anvils.
- Easily adjustable.
- Self-centering.
- Includes extension holder.
- Shop hardened case.

Indicator features:

- Dual-reading inch/metric electronic indicator.
- Bar graph and numeric digital display.
- Resolution: .00005"/.001mm.
- Preset with recall.
- ABS/INC measurement.
- Min/Max/TIR.



FW72470000 TELESCOPING GAGE SET WITH TITANIUM COATED CONTACT POINTS

- Contact points are constructed of hardened tool steel, precision ground and Titanium coated for accuracy and durability.
- Double-action rigid handle with self-centering feature for quick checking of inside measurements.
- Constant spring tension for uniform feel.
- Covers a measuring range of 5/16" to 6" with measurable depths of 4" to 5".
- Includes fitted vinyl case.



FW73646000 BORE GAGE SETTING MASTER KIT

Use Fowler's NEW Bore Gage Setting Master Kit for accurately setting any bore gage up to 6" in diameter to an accuracy of .0001"!



Bore gage shown not included.

Includes:

Setting Device

- Base anvil: 2.750" x .80".
- Adjustable anvil 2.375" x .375" (two each).
- Internal capacity: 6".
- Depth capacity: 1".
- Centralizer capacity width: 2.625".
- Quick-release holder for fast adjustment.

Economy Gage Block Set

- 36 piece.
- Tolerances to $\pm .00005$ ".
- Certificate of Calibration to N.I.S.
- High quality aluminum case!

STRAIGHT EDGES

- Made of selected steels.
- Hardened for superior wear resistance.
- Matched to precision masters to insure precision.
- Width and thickness have been carefully determined to provide optimum rigidity-to-weight ratios.



SPECIFICATIONS				
ITEM	LENGTH	WIDTH	STRAIGHTNESS	THICKNESS
FW72480050	18"	1.320"	.0003"	.150"
FW72480055	24"	1.675"	.0003"	.170"
FW72480060	36"	2.730"	.0004"	.225"

Fowler Digi-Pro

FW74440775 ELECTRONIC PROTRACTOR

- Embedded 25-lb. pull magnets.
- Full, 360° measuring range.
- Accuracy: $\pm 2^\circ$.
- Repeatability: $\pm .05^\circ$.
- Resolution: $.05^\circ$.
- Invertible display feature.
- Voltage: Standard 3V lithium battery.



mini-MAG Protractor

FW74422450-1 PROTRACTOR

- Embedded magnets with 35-lb. pull.
- Uses standard 9V battery (250 hrs.).
- Measuring range: 360° (4 x 90°).
- Display inverts.
- Resolution: $.05^\circ$.
- Accuracy: $\pm 2^\circ$.
- Repeatability: $.05^\circ$.
- Hold feature.



FW72483777 4-PC. DEBURRING SET

- Colored sleeves rotate to lock and unlock blades for easy changing.
- Unique rounded head blades for safe deburring of drilled and machined holes, end milled areas, tubing, backside of holes and an almost unlimited amount of uses.
- Curved blades swivel freely to automatically follow shapes, contours and holes.



FW72483888 UNIVERSAL DEBURRING, CLEANING AND COUNTERSINK SET

- 1 Universal handle.
- 2 Adapters.
- 2 Deburring blades.
- 1 Countersink for 12mm/.47" diameter.
- 1 Countersink for 20mm/1.18" diameter.
- 4 Cleaner blades for sheet metal, small ridges, relieving corners and narrow slots.

INTERNAL AND EXTERNAL ELECTRONIC CALIPER GAGES

- Robust housing.
- Large LCD display.
- Reading: $.01"/.1\text{mm}/1/64\text{ths}$.
- Accuracy: $.01"/.3\text{ mm}/1/64\text{ths}$.
- Battery: CR2032.
- Spring loaded with locking nut.



XTRA-VALUE

SPECIFICATIONS	
ITEM	DESCRIPTION
FW74554630	0-6"/150mm Outside Caliper Gage
FW74554730	.5-6"/150mm Inside Caliper Gage



FW72500290 HEAVY DUTY AUTOMATIC CENTER PUNCH

- Knurled steel handle.
- Moveable components made of hardened steel.
- Point easily removed for sharpening.
- Features adjustable compression for marking a variety of materials.

FW72482028 TRANSFER PUNCH SET

- 28-PC. set supplied with index stand.
- Punches are made of hardened and tempered tool steel, black oxide finished.
- All sizes are marked on index base and diameters are slightly undersized for easy handling.
- Sizes range from 3/32" to 1/2" by 64ths and 17/32".



FW72483666 DIAMOND FILE AND DEBURRING SET

- 1 handle, providing maximum grip comfort.
- 5-piece set of diamond impregnated files consisting of a round, flat, square, triangle and half-round file, 5-1/2" long with 2-1/2" length of cut.
- 2 triangular scraper/deburring tools (single and double ended).



Fowler



FW74225500 TIRE GAGE

Reads in inch, metric and fractions! For tire tread thickness measurement!

- Spring-loaded and hold measurement button for ease-of-use.
- Range: 1"/25mm.
- Resolution: $.0005"/.01\text{mm}$, fractions in 1/64" increments.
- Supplied in vinyl holster.
- 2.1" base.
- $.95"$ diameter rod.

FW72492350 CAM-LOCKING TAP-X WRENCH

Quick release cam!
Fast and tight!
Change taps fast!

TAP-X

- 3 times the range of most tap wrenches.
- Fits wide range of tap sizes: 1/8" to 1/2" (M3 to M12).
- Patented revolutionary cam-lock system.
- Quick-action clamping for easy replacement.
- Taps will never release during use.
- Heavy-duty design for reliability and long life.
- Handles extreme torque.
- Can be used as a hand drill for sizes: 1/16" to 5/16".



FW74008715 XTRA-VALUE CALIPER AND DEPTH ATTACHMENT COMBO WITH WOODEN CASE

Xtra-Value Caliper

- Accuracy: $\pm .001"/.02\text{mm}$.
- Range: 6"/150mm.
- Large easy-to-read display.
- 4-way measuring.
- Resolution: $.0005"/.01\text{mm}$.
- Direct inch/metric conversion.
- Absolute/incremental measurement.



XTRA-VALUE CAL

Depth Attachment

- Attaches quickly.
- Positive locking screw.
- Precision-ground contact surface.

FLEX-HONE®

The Flex-Hone® Tool is a resilient, flexible hone with abrasive laminated onto the ends of high density nylon filaments. Its unique construction allows the Flex Hone to be self-centering, self-aligning to the bore and self-compensating for wear. It removes the cut, torn and folded metal to expose the undisturbed base metal structure and will produce a long wearing surface in each and every cylinder throughout the life of this remarkable tool. Order by bore size!



TYPICAL APPLICATIONS INCLUDE:

- Valve guides.
- Brake cylinders.
- Clutch and brake master cylinders.
- Cam bearings.
- Lifter bores.
- Engine cylinders and block liners.
- Diesel cylinders.
- 2-cycle engine cylinders.
- Cross hole deburring.
- Hydraulic cylinders.
- Pneumatic cylinders.
- Valve bodies.



FLEX-HONE FOR ROTORS

- BSRMFH60Z25** Coarse.
- BSRMFH120Z25** Medium.
- BSRMFH240Z25** Fine.

*Instructions for Use

The Flex-Hone Tool should be rotating upon entry and removal from cylinder. RPM from 60 to 1200 depending on diameter. Stroke from 30 to 200 per minute depending upon RPM. Average 500-800 RPM at 60-120 SPM. Final stroking may be accelerated to develop 45° cross hatch. OEM high production needs experimentation with different mineral or water soluble honing oils for optimum results. For convenience use a 10-30 wt. motor oil or our Flex-Hone Oil. Wash cylinders preferably with water, brush and detergent, then dry and oil. Experiment honing time from 10 to 45 seconds just sufficient to develop a plateaued finish free from cut, torn and folded metal. Do not over-hone. Ask for Honing Booklets available at no charge. Flex shafts and extensions available for deeper holes. Other sizes, abrasive types and grits available.

	SILICON CARBIDE* BORE SIZE		120 GRIT	180 GRIT	240 GRIT	320 GRIT	
Brake Cylinders, Hydraulics, Valve Guides, Lifter Bores	BC-4mm	.157	—	BSBC4M18	BSBC4M24	BSBC4M32	
	BC-4.5mm	.177	—	BSBC45M18	BSBC45M24	BSBC45M32	
	BC-3/16"	.187	—	BSBC31618	BSBC31624	BSBC31632	
	4mm through 3/16" diameter are 6" OAL	BC-5mm	.197	BSBC5M12	BSBC5M18	BSBC5M24	BSBC5M32
		BC-5.5mm	.217	BSBC55M12	BSBC55M18	BSBC55M24	BSBC55M32
		BC-6mm	.236	BSBC6M12	BSBC6M18	BSBC6M24	BSBC6M32
		BC-6.4mm	.250	BSBC64M12	BSBC64M18	BSBC64M24	BSBC64M32
		BC-7mm	.276	BSBC7M12	BSBC7M18	BSBC7M24	BSBC7M32
		BC-8mm	.315	BSBC8M12	BSBC8M18	BSBC8M24	BSBC8M32
		BC-9mm	.354	BSBC9M12	BSBC9M18	BSBC9M24	BSBC9M32
		BC-9.5mm	.375	BSBC95M12	BSBC95M18	BSBC95M24	BSBC95M32
		BC-10mm	.394	BSBC10M12	BSBC10M18	BSBC10M24	BSBC10M32
		BC-11mm	.433	BSBC11M12	BSBC11M18	BSBC11M24	BSBC11M32
	Over 3/16" are 8" OAL	BC-12mm	.472	BSBC12M12	BSBC12M18	BSBC12M24	BSBC12M32
		BC-1/2"	12.7mm	BSBC1212	BSBC1218	BSBC1224	BSBC1232
		BC-14mm	.552	BSBC14M12	BSBC14M18	BSBC14M24	BSBC14M32
		BC-5/8"	16mm	BSBC5812	BSBC5818	BSBC5824	BSBC5832
		BC-18mm	.709	BSBC18M12	BSBC18M18	BSBC18M24	BSBC18M32
		BC-3/4"	.19mm	BSBC3412	BSBC3418	BSBC3424	BSBC3432
		BC-20mm	.787	BSBC20M12	BSBC20M18	BSBC20M24	BSBC20M32
		BC-7/8"	.22mm	BSBC7812	BSBC7818	BSBC7824	BSBC7832
		BC-15/16"	.238mm	BSBC151612	BSBC151618	BSBC151624	BSBC151632
		BC-1"	.254mm	BSBC10012	BSBC10018	BSBC10024	BSBC10032
		BC-1-1/8"	.29mm	BSBC11812	BSBC11818	BSBC11824	BSBC11832
		BC-1-1/4"	.318mm	BSBC11412	BSBC11418	BSBC11424	BSBC11432
		BC-1-3/8"	.35mm	BSBC13812	BSBC13818	BSBC13824	BSBC13832
		BC-1-1/2"	.38mm	BSBC11212	BSBC11218	BSBC11224	BSBC11232
		BC-1-5/8"	.41mm	BSBC15812	BSBC15818	BSBC15824	BSBC15832
BC-1-3/4"		.45mm	BSBC13412	BSBC13418	BSBC13424	BSBC13432	
BC-2"		.51mm	BSBC20012	BSBC20018	BSBC20024	BSBC20032	
BC-2-1/8"		.54mm	BSBC21812	BSBC21818	BSBC21824	BSBC21832	
BC-2-1/4"	.57mm	BSBC21412	BSBC21418	BSBC21424	BSBC21432		
BC-2-3/8"	.60mm	BSBC23812	BSBC23818	BSBC23824	BSBC23832		
BC-2-1/2"	.64mm	BSBC21212	BSBC21218	BSBC21224	BSBC21232		
BC-2-5/8"	.67mm	BSBC25812	BSBC25818	BSBC25824	BSBC25832		
BC-2-3/4"	.70mm	BSBC23412	BSBC23418	BSBC23424	BSBC23432		
BC-2-7/8"	.73mm	BSBC27812	BSBC27818	BSBC27824	BSBC27832		
BC-3"	.76mm	BSBC30012	BSBC30018	BSBC30024	BSBC30032		

Disc Brake						
5" Oval	DBC-1-1/2"	38mm	BSDBC11212	BSDBC11218	BSDBC11224	BSDBC11232
	DBC-1-3/4"	45mm	BSDBC13412	BSDBC13418	BSDBC13424	BSDBC13432
	DBC-2-1/8"	54mm	BSDBC21812	BSDBC21818	BSDBC21824	BSDBC21832
	DBC-2-1/2"	64mm	BSDBC21212	BSDBC21218	BSDBC21224	BSDBC21232
	DBC-2-3/4"	70mm	BSDBC23412	BSDBC23418	BSDBC23424	BSDBC23432
	DBC-3-1/8"	79mm	BSDBC31812	BSDBC31818	BSDBC31824	BSDBC31832

Standard-Duty Block Cylinders						
13-1/2" OAL	GB-3-1/4"	83mm	BSGB31412	BSGB31418	BSGB31424	BSGB31432
	GB-3-1/2"	89mm	BSGB31212	BSGB31218	BSGB31224	BSGB31232
	GB-3-3/4"	95mm	BSGB33412	BSGB33418	BSGB33424	BSGB33432
	GB-4-1/8"	105mm	BSGB41812	BSGB41818	BSGB41824	BSGB41832
	GB-4-5/8"	118mm	BSGB45812	BSGB45818	BSGB45824	BSGB45832

Heavy-Duty Block Cylinders						
3" through 4-1/2" diameter are 13-1/2" OAL Over 4-1/2" are 17-1/2" OAL	GBD-3"	76mm	BSGBD30012	BSGBD30018	BSGBD30024	—
	GBD-3-1/4"	83mm	BSGBD31412	BSGBD31418	BSGBD31424	—
	GBD-3-1/2"	89mm	BSGBD31212	BSGBD31218	BSGBD31224	—
	GBD-3-3/4"	95mm	BSGBD33412	BSGBD33418	BSGBD33424	—
	GBD-4"	101mm	BSGBD40012	BSGBD40018	BSGBD40024	—
	GBD-4-1/4"	108mm	BSGBD41412	BSGBD41418	BSGBD41424	—
	GBD-4-1/2"	114mm	BSGBD41212	BSGBD41218	BSGBD41224	—
	GBD-5"	127mm	BSGBD50012	BSGBD50018	BSGBD50024	—
	GBD-5-1/2"	140mm	BSGBD51212	BSGBD51218	BSGBD51224	—
	GBD-6"	152mm	BSGBD60012	BSGBD60018	BSGBD60024	—
	GBD-6-1/2"	165mm	BSGBD61212	BSGBD61218	BSGBD61224	—
	GBD-7"	178mm	BSGBD70012	BSGBD70018	BSGBD70024	—
GBD-7-1/2"	190mm	BSGBD71212	BSGBD71218	BSGBD71224	—	
GBD-8"	203mm	BSGBD80012	BSGBD80018	BSGBD80024	—	



SPECIFICATIONS

PART NUMBER	OAL	FILL	NOTES	STANDARD PACK
BS93APB	7-1/4"	.006 Brass	3 x 7 rows	12
BS93APN	7-1/4"	.012 Nylon	3 x 7 rows	12
BS93APP	7-1/4"	.006 Phospher Bronze	3 x 7 rows	12
BSACID1	6"	Horsehair	3/8" wide	1
BSACID2 (not shown)	6"	Horsehair	1/2" wide	1
BSB200	5-1/2"	Carbon Steel	1-1/4" wide	12
BSB39B	13-3/4"	.006 Brass	3 x 19 rows	12
BSB40	13-3/4"	Carbon Steel	3 x 19 rows	12
BSB41	13-3/4"	Carbon Steel	4 x 19 rows	12
BSB44	10-1/4"	Carbon Steel	4 x 16	12
BSB740SS	10-1/4"	Stainless Steel	4 x 16	12

SCRATCH AND MAINTENANCE BRUSHES



SPECIFICATIONS

PART NUMBER	OAL	FILL	MAJOR DIAMETER	STANDARD PACK
BSDD1149	10-1/2"	.006SS	1-25/64"	1
BSDD153	10-1/2"	.006SS	1"	1
BSFB75	10"	.005SS	3/4"	1
BSNH1	14-1/2"	.005SS	1-11/64"	1
BSNH2	10"	.006SS	1-5/8"	1
BSPTD1	10-1/2"	.006SS	3/32"	1
BSPTD2	6-1/2"	.005SS	1/32"	1

INJECTOR AND DIESEL SPECIAL



SPECIFICATIONS

PART NUMBER	OAL	FILL	MAJOR DIAMETER	STANDARD PACK
BS11C	10"	.006 CS	1/4"	12
BS13C	12"	.006 CS	5/16"	12
BS14C	12"	.006 CS	3/8"	12
BS16	30"	.006 CS	5/8"	6
BS42	34"	.016 BLT	1/2"	6

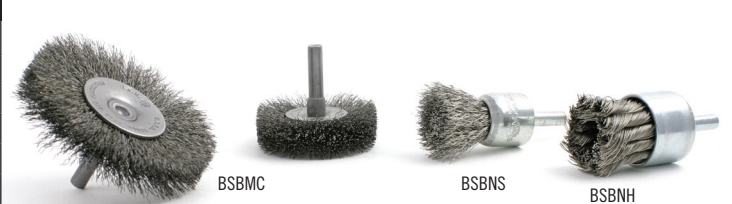
OIL GALLERY BRUSHES



SPECIFICATIONS

PART NUMBER	TRIM LENGTH	FILL	MAJOR DIAMETER	STANDARD PACK
BSBMC1408	7/8"	.008 CS	1-1/2"	1
BSBMC2008	7/8"	.008 CS	2"	1
BSBMC2010	7/8"	.010 CS	2"	1
BSBMC2510	7/8"	.010 CS	2-1/2"	1
BSBMC3010	7/8"	.010 CS	3"	1
BSBNS1010	7/8"	.010 CS	1"	1
BSBNS410	7/8"	.010 CS	1/2"	1
BSBNS610	7/8"	.010 CS	3/4"	1
BSBNH614	7/8"	.014 CS	3/4"	1

GENERAL POWER BRUSHES





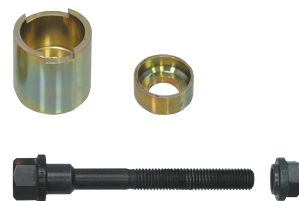
KL-0165-1 BALL JOINT EXTRACTOR SET

- Fits all cars and trucks.
- Easy separation of ball joint connections.
- Made from forged steel.
- Adjustable for both the angle of pressure and diameter of ball joint.



KL-0025-1 SPRING COMPRESSOR

- Three-point safety interlock.
- Suitable for most Mercedes models.
- Anti-rotation profile.
- Spindle overload protection.



KL-0043-11A PIVOTING BEARING PULLER

Quick, easy, and safe removal and replacement of pivot bearings, from and into rear axle housing, without dismantling.



KL-4064-601 K RATCHET AND TORX BIT SET

Torx bits set from sizes 10 mm to 50 mm.



KL-0181-1 STUD EXTRACTOR

- Universally adjustable 6mm to 12 mm.
- Ideal for rusted bolts or bolts with rusted threads.



KL-0126-33 SCREEN JET WASHER NEEDLE

Cleans and accurately adjust spray and direction of washer jet.

KL-4047-1404 1/4" DRIVE TORX® SOCKET

Includes sizes E-4 - 200mm long.



KL-4031-3309 SPECIAL XZN M9 SOCKET

Cylinder head bolts for Toyota and Daihatsu.

KL-4306-8320 5-POINT T-HANDLE SCREWDRIVER

Ideal for outside mirror on Mercedes.



KL-0132-82 A ORIGIN SENSOR WRENCH

- Quick and easy removal and replacement of sensor.
- Pivot head for hard-to-access sensors.
- 6-and 12-point 22mm hex.



KL-0304 30MM 12 POINT SPECIAL SOCKET

Loosen and tighten front and rear axle nuts for BMW, Toyota, Mercedes, and VW.

OIL FILTER KEYS

KL-0122-401 HARLEY DAVIDSON OIL FILTER KEY

KL-0122-425 MERCEDES OIL FILTER KEY

KL-0122-426 86MM OIL FILTER KEY

- Universally suitable for vehicles with paper oil filters and plastic or metal screw caps.

KL-0122-308 64MM OIL FILTER WRENCH

Replaces oil filters on Honda, Toyota, and Nissan/Infinity.





RATCHETING PULLERS

KD3624 2-Ton.

KD3625 5-Ton. (not shown)

KD3626 7-Ton. (not shown)

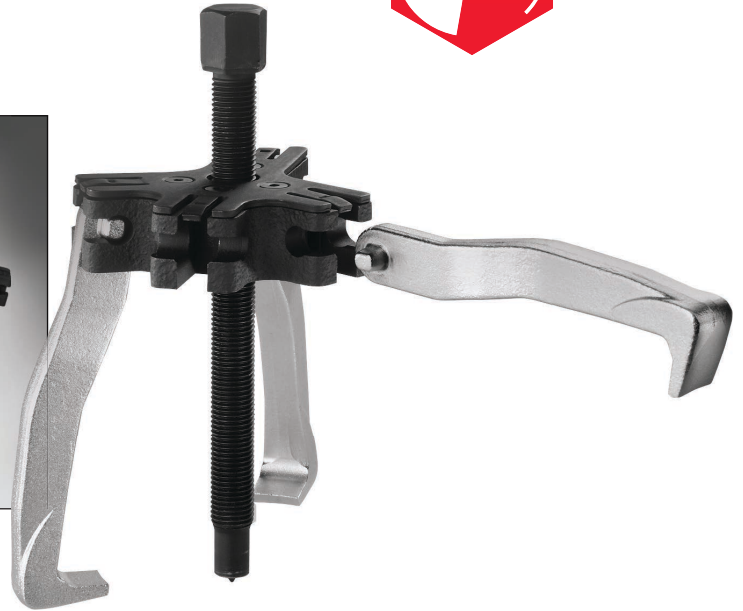
KD3627 2-TON AND 5 TON RATCHETING PULLER SET (not shown)

Contains:

KD3624 2-Ton Ratcheting Puller.

KD3625 5-Ton Ratcheting Puller.

KD3628 5-TON RATCHETING SHORT/LONG LEG PULLER (not shown)



KD3680 RATCHETING WRENCH SERPENTINE BELT TOOL

KD3737 VACUUM BRAKE BLEEDER



KD3684 SERPENTINE BELT GRABBER TOOL

KD3995 INDEXING SEAL PULLER



KD41910 VALVE SERVICE KIT



KD43990 INDEXING BALL JOINT AND TIE ROD SEPARATOR SET





PROFESSIONAL GRADE TIRE REPAIR KITS

- Original self-vulcanizing tubeless tire repair.
- Kits contain everything needed for permanent repair.
- No cement needed.
- Over ONE BILLION Repairs sold world-wide.

SAFSSKAP AUTO/LIGHT TRUCK TIRE REPAIR KIT

SAFSSKTP TRUCK TIRE REPAIR KIT (not shown)

SAFSSKHE HEAVY EQUIPMENT TIRE REPAIR KIT (not shown)

SAFSSKOTR 4X4 TIRE REPAIR KIT (not shown)

SAFSSKATVTI ATV TIRE REPAIR KIT (not shown)

Refill Items:

SAFSSRA AUTO/LIGHT TRUCK TIRE REPAIR REFILL, 60 REFILL REPAIRS (not shown)

SAFSSL SAFETY SEAL LUBE (not shown)

SAFSSNA EXTRA INSERTION NEEDLE (not shown)

SAFSSPS PROBE AUTO SPIRAL METAL T-HANDLE (not shown)

SAFSSTA AUTO INSERTION TOOL (not shown)



Innovative Products Since 1966

EZB795 HEAVY-DUTY CRIMPING TOOL

- Patented triangular crimp.
- Exerts equal pressure on all contact points.
- 50 different crimp settings.
- No dies to replace or misalign.
- 6-gauge through 250 MCM.
- Weight: 6 lbs.



EZMR34 EXTENDABLE MONSTER RATCHET

- Unique, extendable locking shaft.
- Quick release 3/4" drive head.
- Extends from 24" to 40".
- Knurled handle ensures firm grip.
- Precise 5 degree drive head contains 24 teeth for greater access.
- Outstanding durability.
- Meets and exceeds ANSI torque requirement.



EZMR482F 3-PC. EXTENDABLE FLEX-HEAD MONSTER RATCHET SET

- 180° flexible angle.
- 72-tooth ratcheting head angles into tight work spaces.
- Unique, extendable locking shaft.
- Quick release drive head.
- Thermal plastic over-molded handle ensures firm grip.
- Outstanding durability.
- Meets and exceeds ANSI torque requirement.



Includes:

EZMR14F 1/4" Drive. Extends from 6-3/4" to 8-3/4".

EZMR382F 3/8" Drive. Extends from 8-1/2" to 13-1/2".

EZMR12F 1/2" Drive. Extends from 13-1/2" to 19-1/4".

EZMR3818F 3/8" DRIVE 18" XTRA-LONG FLEX-HEAD RATCHET

- Extra-long shaft with 180° flexible angle.
- 72-tooth reversible ratcheting head angles into tight spaces.
- Durable, heavy-duty chrome vanadium construction.
- Comfort grip chemical resistant handle.
- Meets and exceeds ANSI torque requirement.



FLEXIBLE NONREVERSIBLE RATCHETING WRENCH SETS

- Universal Spline, double box end.
- Flexible, nonreversible 180° angle
- Patented 72-tooth design.
- Extra long.
- Packaged in high density foam tray.
- Universal Spline works on 6 fasteners: Torx®, square, 6 point 50° rounded, 12 point, 6 point, Spline.



EZMR5M 5-PC. METRIC

- Includes sizes: 8mm x 10mm, 12mm x 14mm, 13mm x 15mm, 16mm x 18mm and 17mm x 19mm.

EZNR4S 4-PC. SAE

- Includes sizes: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8" and 11/16" x 3/4".





JB8201 SIDEKICK DISPLAY: J-B WELD AND J-B KWIK

- Includes 12 units each: JB8265-S and JB8276.
- Comes with product hooks and display clips.
- Display size: 5"D x 12"W x 24"H.



JB8265-S COLD WELD COMPOUND

- Sets in 4-6 hours.
- Cures in 16-24 hours.



JB8277 WATERWELD

- Plugs holes and makes permanent repairs in moist-surface or underwater applications.
- Cures in 20-30 minutes.



JB8212-S J-B MINI

- Clear epoxy syringe.
- Sets in 5 minutes.
- Cures in 2-3 hours.



JB8267-S J-B STIK

- A hand-kneadable, steel-reinforced epoxy putty adhesive/sealant.
- Cures in 20-30 minutes.



PERMA-LOCK THREADLOCKER

Threadlockers secure entire fastener assembly against loosening from shock and vibration. They seal the threads against leakage and prevent rust and corrosion.

- Temperature resistant to 300°F.
- OEM approved.

JB8257 KWIKWOOD EPOXY PUTTY

- Wood repair epoxy putty stick.
- Paintable in 1 hour.
- Sets in 15-25 minutes.
- Easy to sand, drill and tap.



JB8272 MARINE WELD

- Water and weather proof.
- Sets in 4-6 hours.
- Cures in 16-24 hours.



JB24206 PERMA-LOCK 6-ML. BLUE- THREADLOCKER

- Medium strength, 6 mL.



JB27106 PERMA-LOCK 6-ML. RED-THREADLOCKER

- High strength, 6 mL.



JB27113 PERMA-LOCK 13-ML. RED-THREADLOCKER (not shown)

- High strength, 13 mL.

JB24213 PERMA-LOCK 13-ML. BLUE-THREADLOCKER (not shown)

- Medium strength, 13 mL.

JB24236 PERMA-LOCK 36-ML. BLUE-THREADLOCKER (not shown)

- Medium strength, 36 mL.

JB27136 PERMA-LOCK 36-ML. RED-THREADLOCKER (not shown)

- High strength, 36 mL.



NS625 BENCH STYLE BEARING PACKER

- Non-threaded shaft for fast and trouble-free bearing packing in 6" and smaller bearings.
- Includes dust cover.



NS912-19 19.2V BATTERY-OPERATED GREASE GUN

- Comes with charger and two batteries.
- 8,000 PSI.



NS321 GEAR LUBE PUMP

- Delivers approximately 1 gal. per 55 strokes.
- Variable stroke handle.
- Powder-coated pail cover.
- 4' vinyl hose with curved nozzle.
- Buna N seal resistance.



NS660 QUICK COUPLER LUBE KIT

- 5 different applications can be used without unscrewing your grease couplers.



NS186 GREASE FITTING UNSTOPPER

- Fill this handy tool with fluids such as WD40 and strike the end to force the grease fitting open.

NS381 VARIABLE STROKE DRUM PUMP

- Pumps approximately 1 gal. per 9 strokes.
- Heavy-duty, rubber-gripped lever handle.
- Garden hose threaded spout.
- Brass piston rings for long wear and oil additive.
- Buna N seal resistance.





OT4607 1/2" IMPACT DRIVER

- Loosens hard-to-turn screws, bolts or nuts.
- Handle design prevents possibility of hitting hand with hammer when striking impact driver.
- Bit holder 1/2" drive and 5/16" hex for Phillips and flat screwdriver bits.

Includes eight screwdriver bits:

- No. 2 Phillips bit, 1-3/8" long with 5/16" hex.
- No. 2 Phillips bit, 3-1/8" long with 5/16" hex.
- No. 3 Phillips bit, 1-3/8" long with 5/16" hex.
- No. 3 Phillips bit, 3-1/8" long with 5/16" hex.
- 5/16" wide x 1-3/8" long with 5/16" hex slotted bit.
- 5/16" wide x 3-1/8" long with 5/16" hex slotted bit.
- 3/8" wide x 1-3/8" long with 5/16" hex slotted bit.
- 3/8" wide x 3-1/8" long with 5/16" hex slotted bit.

OT4607-1 8-PC. REPLACEMENT BIT SET (not shown)

OT6006 DODGE TRUCK LOCKNUT SOCKET

- Services 1994 and newer Dodge 1/2-ton 4x4 pickups with Dana 44 front axle and Dana 60 axle with vacuum disconnect.
- Especially designed to accommodate the 1-11/16" wheel bearing retaining nut which is recessed into the hub.
- Socket has 1/2" square drive, can be used with an impact wrench.

OT6604 TRANSMISSION FLUID FILL ADAPTER

- This is a required tool to fill or add fluid to the 5R55W automatic transmission used on 2003–newer Ford Explorers.
- Same as Ford No. 307-437.
- Operating Instructions: Remove fill plug from transmission; install No. 6604; fill transmission to correct fluid level; remove No. 6604; and reinstall fill plug in transmission.

OT6007 LOWER CONTROL ARM PRYING TOOL

Installing a ball joint on a lower control arm typically requires the effort of two people. However, with this tool and our No. 7420 or 7421 pry bar – or any 7/8" diameter pry bar – it's a one-person job.

OT6763 FORD 6.0L HIGH PRESSURE FUEL RAIL ADAPTERS

This pair of High Pressure Fuel Rail Adapters is required to connect to the vehicle's fuel line. The fuel line connection changed in 2004 – so the two adapters give you the capability to address either platform for pressure testing.

OT6765 FORD 6.0L INJECT PRESSURE REGULATOR SOCKET

This IPR Socket actually combines two OE tools into one. Again, the configuration for the IPR changed in 2005 and a second tool was developed for the change. However, our Aftermarket engineers worked with specialized technicians to develop one tool that can address either version of the IPR – giving today's technicians a cost-effective tool.

OT6766 FORD 6.0L TERMINAL RELEASE TOOL

Required to remove the vehicle's injector wiring harness without causing damage to the component.

OT6594 FORD OIL LINE DISCONNECT TOOL FOR 6.0L

Use to disconnect the high-pressure oil rail supply line from the fuel rail when removing fuel injectors. Works on the 6.0L diesel engine found in 2003–newer F-250, F-350, F-450, and F-550 trucks, and Ford Excursions.

OT7100 LIFTING BRACKETS (4,000-LB. CAPACITY)

- Pair of lifting brackets.
- Attach directly to component for easy lifting; will take 1/2" diameter bolts.

OT6613 VARIABLE PIN SPANNER WRENCH

- Universal design fits many different types of pulleys having slots or holes, including camshaft pulleys and crankshaft pulleys.
- Wrench is adjustable from 1-1/4 inch to 5 inches; works with a 1/2 inch drive ratchet or breaker bar.

OT526908-7 10MM REPLACEMENT PIN (not shown)

OT6541 PULLING HOOK

- This slide hammer puller attachment is used to remove seals, bearings, and other press-fit parts.
- Designed to be used with OTC No. 1155 (5-lb.) or No. 1156 (2-1/2-lb.) slide hammer, or other slide hammers having 5/8-18 threads.

OT7507 CV JOINT FORK

Use with OTC slide hammer No. 1155, extension No. 7508, or both.

OT7508 SLIDE HAMMER EXTENSION

17-1/2"-long slide hammer extension.

OT1914 6 POINT LOCKNUT SOCKET

- This high-grade truck wheel bearing locknut socket is made of high-strength steel.
- NOTE: Sockets are designed for use with 3/4" square-drive manual tools only.
- Opening size (6 point) 4".

OT1909 8 POINT LOCKNUT SOCKET

- This high-grade truck wheel bearing locknut socket is made of high-strength steel.
- NOTE: Sockets are designed for use with 3/4" square-drive manual tools only.
- Opening size (8 point) 3-1/4".

OT6697 FORD AXLE SHAFT SEAL INSTALLERS

- Correctly installs the seal onto the axle shaft and into the wheel knuckle, preventing front hub vacuum leaks that would cause the 4WD to not engage.
- Works on 2005–newer Ford F-250, F-350, 4X4s having the vacuum-operated front axle.

OT7822A GM TORSION BAR UNLOADING TOOL

Built for GM's K-3500 series trucks with heavy-duty chassis and a larger torsion bar. Features a larger C-frame opening to accommodate beefier torsion bars. Holds the torsion bar while you make adjustments. Works on 1988 to 2003 GMC and Chevrolet 1/2-, 3/4-, and 1-ton pickups; the S-10 Blazer and S-15 Jimmy, 4WD pickups with 4.3L V-6 engines; and 1991 to 2001 Oldsmobile Bravada.



OT4489 TRIM FASTENER AND MOLDING REMOVAL SET

- Includes five different sizes and styles of tools that allow easy removal of trim fasteners, moldings and wheel hubs.
- Made of plastic to prevent damage to trim, moldings, alloy wheels or vehicle paint.
- Can be used on trim fasteners and moldings inside, or outside, the vehicle.

OT5081 S-CAM AIR BRAKE SPRING TOOL



- Safely replace brake shoes on heavy-duty tractors and trailers.
- Simply hook the retaining spring loop and press down against the axle.

OT7948 TEN-WAY SLIDE HAMMER PULLER SET

Includes:



- **OT1155** Slide Hammer with 5-lb. Hammer.
- **OT7372** Rear Axle Pulling Attachment.
- **OT24544** 3-Way Cross Head.
- **OT24545** Cone.
- **OT27241** 2-Way Cross Block.
- **OT27315** Puller Hook Attachment.
- **OT34698** 3 Pulling Jaws for Internal or External Pulling Jobs.
- **OT205378** Grip Wrench Adapter with Single Lead (Wrench Not Included).
- **OT205377** Dent Puller.
- **OT44148** 3 Internal/External Pulling Jaws, 6-1/2".
- **OT32054** Internal Puller Jaws (3), 2-3/8".
- **OT7208** Front Hub Puller Assembly.
- **OT309321** Forcing Screw.
- **OT215895** Sleeve.

- Contents packaged in a convenient plastic, blow-molded carrying/storage case.

OT32054 3 INTERNAL PULLER JAWS (not shown)

OT7206 MULTI-PURPOSE STRAP WRENCH



- You'll find many uses for this heavy-duty strap wrench. The 53" long nylon strap won't mar precision surfaces of shafts, pulleys, or other components. Especially useful on small engine pulleys. Special head design self-tightens the strap as force is applied.
- Lightweight, with 12" long handle.

OT305085 REPLACEMENT STRAP



OT4513 HEAVY-DUTY SNAP RING PLIERS SET

- Heat treated steel "circlip" pliers for large equipment repair. Replaceable tips and spring ratchet locking mechanism to securely hold against snap ring tension.
- Internal plier's capacity 3-1/16" to 6-1/4" (78mm to 159mm) snap rings.
- External plier's capacity 3-1/2" to 6-1/2" (89mm to 165mm) snap rings.
- Blow-molded storage case includes extra sets of replaceable 0.12" (3mm) dia. tips: straight, 45°, and 90°.



OT6486 FORD CAM TOOL KIT

- Ensure proper cam timing when servicing timing belts, chains, head gaskets or other valve train repairs.
- Kit for 2.0L Zetec engines in Contour/Mystique. Contains tools 6474 and 6475.

OT6474 CAM ALIGNMENT TOOL (not shown)

- Works on 1994 – 2002 2.0L 4-cyl. DOHC Zetec, Contour, Mystique.
- Same as Ford 303-465.

OT6475 CRANKSHAFT TDC TIMING PIN (not shown)

OT7661 CALIPER HANGER SET

- These hangers are designed to hold brake calipers out of your way during brake, bearing, suspension, or axle work. Makes the jobs easier and faster, and reduce possible brake hose damage.



OT4554 TORQUE ANGLE GAUGE



- Required when servicing many late model engines that use torque-to-yield fasteners. Measures angle of rotation after pre-torque in torque-angle applications.
- The 360° scale is marked in 2° increments and intervals of 10° and 30°; easily zeroed for next application by turning the tool housing.
- Has 1/2" male and female square drives.



OT7249 BALL JOINT SERVICE KIT

- Removes and installs press-fit parts such as ball joints, universal joints, and truck brake anchor pins.
- Contains: 3 receiver tubes (2-3/4" I.D. x 3" O.D., 2-1/4" I.D. x 2-1/2" O.D., and 1-3/4" I.D. x 2" O.D.)
- Installation and removing adapters: 1 installing cup, 1 receiving cup, 1 installing adapter.

OT6595 FORD HIGH PRESSURE OIL LINE DISCONNECT



- Use to disconnect the high pressure oil line from the cylinder head.
- Works on 1998 – 2003 Ford vans and trucks with 7.3L direct-injected, turbo-charged (DIT) diesel engines.

OT4521 HOSE REMOVAL TOOL



- Unique tip easily fits between hose and fitting to break stubborn hoses loose.
- Large handle provides a reliable grip on tool during hose removal.
- Works on radiator hoses, heater hoses, transmission lines – any place a rubber hose is clamped to a fitting.

OT6627 GRIP WRENCH ADAPTERS SET



- For grip wrenches using single-lead thread adjusting screw.
- Adapter threads onto a slide hammer with a 5/8"–18 thread.

Includes:

- **OT205378** Grip wrench threads onto a 7/16"–14 end of adapter for pulling use.
- **OT557479** Grip wrench threads onto a 5/16"–18 end of adapter for pulling use.
- **OT557480** Grip wrench threads onto a 1/4"–20 end of adapter for pulling use.

OT6903 FORD/MAZDA 2.3L OIL SOCKET



- Oil socket designed at 76.5mm to fit new 2.3L 4-cylinder engines.
- Works on Mazda 3, Mazda 5, Mazda 6, Ford Fusion, and Mercury Milan 2.3L 4-cylinder engines.

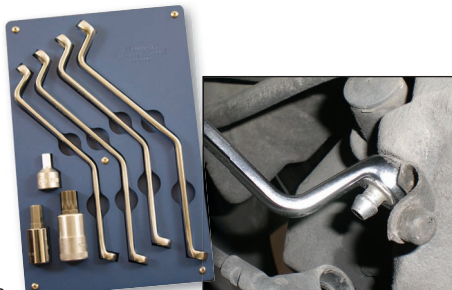


ASSENMACHER SPECIALTY TOOLS



AHBMW 3028 BMW N52 AND N54 ENGINE TIMING KIT

- Camshaft alignment tools applicable to 2006 and newer BMW (N52) 3.0L (non-turbo) and (N54) 3.0L (twin turbo) 6 cylinder engines.
- BMW: 1, 3 and 5 series models with 3.0L (twin turbo & non-turbo) engines.
- Includes carrying case.



AHEU 2000 BRAKE SERVICE SET

- Includes 7mm, 8mm, 9mm and 11mm brake bleeder wrenches, 3 brake caliper sockets and custom powder-coated metal organizer tray.
- Wrenches fit bleeder screws on Mercedes, BMW, Volvo & VW/Audi models.
- Applicable to: brake caliper bolts on the majority of BMW models, Mercedes S-Class (221), newer C-Class (204), M-Class (164); Volvo cars, & rear caliper bolts on 2006-newer VW Jetta & Passat.

AHFZ 55 SPRINTER COOLANT TANK ADAPTER

- Fits 2007-2009 Dodge Sprinter Van.
- Female 46 x 2.5mm Buttress Threads.



AHHON1419 HONDA SERPENTINE BELT TOOL

- Lightweight and slim design.
- Equipped with 14mm & 19mm, 12-point securing attachments for engagement every 30 degrees.
- Works on most Honda applications.
- Ideal for strong tensioners used on 2006 and newer Civics.



AH6500 X-18 18MM 12PT VW AXLE SOCKET

- 18mm, 12-Point Socket w/ a 1/2" Drive is applicable to 2006-2009 VW Jetta and Golf.
- Used for the R & R of the rear axle bolt.
- Comparable to VW/Audi Tool #T 10162.



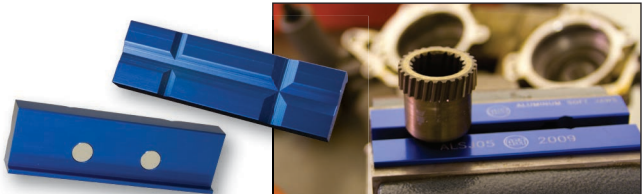
AHF 2500 5-PC. FORD OIL FILTER WRENCH SET

- Covers most 1988-2010 Ford models.
- Includes AST tools: #M 0219, #F 9336, #F 7630, #2136 & #2124.
- Oil filter wrenches are 93mm (36 flutes), 74mm (14 flats) & 76mm (30 flutes); tools are 3/8" drive.
- Oil filter sockets are 24mm & 36mm hex (6 flats); tools are 3/8" drive.
- Carrying case included.



AH3700 4-PC. FLEX DRIVER SET

- Includes 5mm, 6mm, 7mm, 8mm.
- Ideal for quick access to the hard-to-reach hose clamps on various makes and models.
- Handles constructed of tough composite plastic.



AHALSJ05 2-PC. 5" ALUMINUM SOFT JAWS

- Aluminum soft jaw vise blocks.
- Strong magnets attach soft jaws firmly to 4", 5" & 6" vises.
- V-slots put a better grip on round objects.
- Each jaw has a small and large vertical slot. A large horizontal slot runs the length of each jaw.

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VENDOR PREFIX CHART

Don't see it in the catalog? Warehouse Solutions provides complete access to over 275 vendors and 100,000+ items. On this page is a list of all vendors available and the prefixes for the individual items. Your Mac Tools Distributor can locate these items easily using the part number prefix shown below.

3M	3M Company	DTM	Detro	LT	Lock Technology	SC	Schlegel
AA	Ammco (Hennessy)	DV	DeVilbiss	MA	Master Appliance	SCH	Schumacher
AC	ALC (S&H Industries)	DV	Finishline (Devilbiss)	MB	Metabo	SD	Solder-It
ACA	Aircat Pneumatic Tools	DW	DeWalt	MC	Motor Guard	SE	Standard Tool
AD	AES Industries	DY	Dynatron (3M)	MCU	McCulloch	SD	Sem Products
AE	Associated Equipment	EE	Eezer	MD	Midtronics	SG	S & G Tool Aid
AE	Intertape	ENC	Encon Safety Products	ME	Mastercool	SGS	SGS Tool Co.
AF	Air Filtration	EQ	Equus / Innova	MFP	Morsafe Products	SH	Sharpe (Graco)
AFF	American Forge & Foundry	ES	Electronic Specialties	MG	Meguiars	SI	Shark
AG	American Power Pull	EV	PolarCool (HH Technologies)	MH	Merfin	SIR	Sir Tools
AH	Assenmacher Specialty Tools	EW	Eastwood	MI	Milton	SK	SK Hand Tool LLC
AI	Akers	EZ	E-Z Red	MIC	Microflex	SL	Schley Products Inc.
AI	BelAire	FE	Body Magic (Evercoat)	MK	Mack, Andrew	SL	Style-Line
AJ	Ajax Tools	FE	Evercoat	ML	Milwaukee Electric	SLI	SLI Lighting
AL	Allied International	FIX	Fix-A-Thread	MM	Magnet Source	SN	Stocko
AM	Amflo (Schrader-Bridgeport)	FJ	FJC, Inc.	MM	Morgan Mfg	SO	Solar (Clare Automotive)
AMA	Acme Automotive	FL	Fluke Industries	MN	Motion Pro	SP	Specialty Products Co.
AN	Arlon (C Cowles & Co.)	FW	Fred V. Fowler	MO	Morton Paint Co.	SPW	Sprayway
AN	Cal Stripe (C Cowles)	GC	Huck (Alcoa)	MP	Makita U.S.A.	SQ	SATA (Dan-Am Co.)
AO	Astro Pneumatic	GD	Champion Pneumatic	MPX	Northcoast Tool / Film Tech	SR	Streamlight
AP	Apex	GE	Gerson	MR	Marson (3M)	SR	Streamline (S&H Industries)
AQ	Accuturn	GN	General Tool Company	MR	Marson (Alcoa)	SS	Steck Mfg
AR	SM Arnold	GO	Goodall	MS	Miller Special Tools (SPX)	SST	Slide Sledge Technology (Petersen Brands)
AT	Atec-Trans Tools	GP	Grey Pneumatic	MS	Milwaukee / Sure Shot	ST	Steelman (JS Products)
AU	Auto Meter Products Inc.	GS	GATCO (Timberline)	MT	Martin Tools	SU	Sunex International
AW	Blackhawk (SFA)	GT	Gemtex Abrasives	MW	Milweld / Welding Materials	SW	DESA (DSR)
BA	Badger	GV	Geneva Mfg Co.	MX	Marvel Oil	SX	Sioux
BAR	Bartec	GA	Atlas Copco	MY	Mayhew Tools	SY	Symtech
BAT	Brown Tool Aviation	HX	Hansen Global	NA	Nupla	SZ	Strain EZ
BB	Rusfre (3B Products)	HC	Apache	ND	National Detroit Inc	TA	Talsol (3M)
BE	Blaster Penetrants	HE	Heli Coil	NE	Mityvac (Lincoln)	TB	Booster Pac (Clare)
BG	Bright Solutions	HK	Herkules	NES	NES (Alcoa)	TD	Todd Inc
BH	Bondhus	HM	Homak	NL	National Electric	TEC	TecMate
BI	Branick Industries	HN	Hanson (Irwin Industrial)	NR	Norton	TF	TIF (SPX Corporation)
BK	Binks	HP	American Aimers	NS	National Spencer	TG	Tiger Tool
BL	Blair Equipment	HS	H & S Auto Shot	NTC	Neutronics	TH	Thexton
BON	Bond Corp.	HT	Hosetract	OF	Old Forge/Mayhew	TL	Titan
BON	Bone (Dale Adams)	HU	Hutchins Manufacturing	OKS	OK Spark	TM	Seymour
BR	Brut Manufacturing	HV	Shop-Vac	OM	Omega (Shinn Fu)	TP	Sharpline
BS	Brush Research Mfg. Co. Inc.	HW	Hein Werner (SFA)	OP	Oakland Products	TW	Tork (SCA Hygiene)
BT	Blair Plastics	HX	Harvey Exhaust	OT	OTC / Owatonna Tool Div SPX Corp.	UB	US Blade Mfg Co.
BU	Buske Industries Inc.	IF	Infratech	PB	Paasche	UM	UMark
BUF	Buff & Shine	IM	Imperial / Stride	PBT	PBT Private Brand Tools	UN	Uni-Ram
BY	Bayco	IN	International Tool Boxes	PTW	Performance Tool	UR	Urethane Supply Company
CA	Campbell Hausfeld	IR	Ingersoll-Rand	PE	Irwin Industrial	US	Car Groom
CA	Carica (Mayhew)	JB	JB Weld Company	PE	Vise-Grip (Irwin Industrial)	US	US Chemical
CC	Bada / Coats (Hennessy)	JD	John Dow Industries	PF	Porter Ferguson (Lowell Corp)	UT	Uniftec / GoJack (Zendex)
CD	Chadwick & Trefethen Inc.	JE	Jenny	PK	Porter-Cable	UV	Hawkeye (UView)
CE	Central Tools	JIM	Jims Tools	PL	Plews / Stant	UV	Uview Ultraviolet
CE	Storm (Central Tools)	JS	Jump Start (Clare)	PM	Park Tool Company	UVX	Uvex/Sperian
CF	Airmaster Fan Company	JT	Justrite	PO	Stanley-Proto	V8T	V8 Tools
CG	Cooper Group	KC	Kett	PP	Pro Motorcar (Monroe)	VA	Vermont American (R Bosch)
CG	Crescent (Cooper Group)	KD	GearWrench	PPR	Power Probe	VE	Vector (Stride Tool)
CG	Nicholson (Cooper Group)	KD	KD Tools	PPS	Portasol	VF	Viledon Tech
CG	Weller (Cooper Group)	KE	Keysco (S&H Industries)	PR	Preval	VI	Durston (Vim)
CL	Channelock	KE	Majestic Tools (S&H Ind)	PRI	Precision Instruments	VK	Viking (S&H Industries)
CM	Coleman Cable	KE	Vantage Tool (S&H Industries)	PS	Protekto-Trim (C Cowles & Co.)	VP	Vacula
CO	GL Enterprises / Coster	KH	Kastar (A & E Manufacturing)	PU	Mo-Clamp / Pull-It	VQ	Firepower (Thermadyne)
COR	Corghy	KL	Klann (Gedore)	PV	ProVision (CML Innovative Tech)	WC	Wilton (Walter Meier Mfg)
CP	Chicago Pneumatic	KL	Kleentec Inc.	PW	Power Bright	WE	W & E Fasteners
CR	Christie (Clare)	KM	Kent-Moore Tool	PX	Phoenix Systems	WI	Wivoco
CS	AMH Canada Ltd	KN	K-Line Industries Inc.	PY	Polytarp (Schott Int'l)	WK	Hickok (Waekon)
CS	CPS Products	KQ	Actron / Kal-Equipment (SPX)	RB	RBL Products	WK	Waekon
CT	Crushproof	KRC	KRC RACING	RC	Ratch-Cut	WLK	Wall Lenk
CU	Cliplight	KT	Ken Tool	RD	Reid Mfg	WM	Wheel-A-Matic
CV	Cal Van (Horizon)	KTC	Killer Tool	REC	Reelcraft	WMA	World Marketing of America
DB	Dynabrade	LB	Laitner Brush	RG	Ringers Gloves	WPS	Wheel Products by McCourt
DD	Drill Doctor (Professional Tool)	LC	Lenco	RR	Robinair (SPX Corporation)	WS	Sperian (Bacou Safety)
DE	Dremel (Robert Bosch)	LE	Lenox (American Saw)	RT	RTI Technologies	WY	Stant (Schrader Bridgeport)
DF	Dent Fix Equipment	LG	Atlantic Safety	RY	Raytek (Fluke)	XM	Mag Instruments
DL	Tracer Products (Spectronics)	LI	Lisle	SA	SAS Safety	XS	Shoot Suit
DM	DSR / Doumar	LM	Legacy Mfg	SAF	Safety Seal	ZT	Zolatone
DT	Delta Machinery	LN	Lincoln Industrial	SB	Steiner		



MAC TOOLS®



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