

NEW - REBUILT - PARTS - SERVICE
 AIR - ELECTRIC - HYDRAULIC - WELDING - TESTING
 AUTOMOTIVE & INDUSTRIAL TOOLS

**TOOLS
 UNLIMITED**

Call, Fax or Email for Quote

Fax 419-472-3053

Sales@ToolsUnlimited.com

1-800-537-1993

www.ToolsUnlimited.com

**Serving Your Shop
 Since 1975**

The Nation's *Your Cousin In
 The Tool Business!*
Automotive Toolbox®

2012 Summer Vol. 121
 Prices Valid July Thru Sept 2012



AQVT55VB01PG01 \$1,500.00
VT55 OBDII TPM PROMO MEGA KIT

Test wheel sensors and reset the TPMS light on Domestic, European and Asian vehicles. 98%+ coverage (multilingual)

- Required for many tire rotations or sensor replacements.
- Easiest TPM diagnostic tool to operate
- Selection of vehicle make only needed
- Duplicate sensor warning
- Auto detection, RF detection
- Easily updatable, Internal Li-Ion battery.
- **FREE GOODS** (Value Over \$475.00)

Includes FREE TPMS Tire Pressure Filling Gage, Two Button Triggar Tool, TPMS Check box (confirms sensor is working), & Tire Chart!



IR107XPA \$132.38

3/8" Drive Air Ratchet

- 50 ft/lbs of torque and a variable speed lever throttle
- Includes a **FREE** Smoothie Maker with on the go cup!



DISTRIBUTED BY:

TABLE OF CONTENTS

AC Repair.....	2-12	Fan Clutch.....	22,28	Pressure Washers.....	105,106
AC Disconnects.....	17	Fasteners.....	83	Pry Bars.....	70
Air Brush.....	98	Fault Finders.....	62,63	Pullers.....	20,21,27
Air Hammers.....	92,93,110	Files.....	126	Pumps.....	30,39,40
Air Line.....	72,96-98,106-109	Filter Crusher.....	44	Punches.....	70,79,81
Air Operated Rivet Guns.....	80	Filter Wrenches.....	43,44	Radiator.....	13-15
Air Ratchets.....	110-113	Filters,Air.....	94	Radio Tools.....	68
Angle Drills.....	115	Flange Tools.....	80	Ratchets.....	138,143,147,149
Antifreeze.....	14	Flaring.....	10,35,36	Razor Scrapers.....	66,84
ATF Repair.....	17,42	Flashlights.....	1,121-124	Regulators.....	94
Auto Dark Helmets.....	78	Flex Hones.....	29,38	Rivet Guns.....	74,80,81
Axle.....	25,29,32	Fluid Transfer.....	39-44	Safety.....	103
Axle Jacks.....	45,47,48	Freon Detectors.....	11	Sand Blasters.....	88
Ball Joint.....	25-27	Front End.....	27	Sanders.....	73,74,87-90
Battery Service.....	52-58	Fuel Service.....	17-19	Saws.....	75,87,115,118
Bead Breaker.....	38	Funnels.....	15,42,43	Scan Tools.....	59-63
Bearing.....	20,23,25,27,29	Fuses.....	64	Scrapers.....	66,69,84
Bench Grinders.....	51	Gasket Punch.....	23	Screw/Nut Drivers.....	132-135
Bit Sets.....	115-116,125,139	Gasket Scrapers.....	89	Serpentine.....	22
Blow Guns.....	109	General Purpose Shop Tools.....	28,29	Sharpeners.....	13
Body Picks.....	73	Generators, Inverters.....	3,83	Shoes.....	101,105
Body Repair.....	70-98	Glasses.....	103	Shop Equipment.....	2,14,15
Booster Pacs.....	55	Gloves.....	101,102,104,106	Short Testers.....	62,63
Borescope.....	63	Grease, Lube.....	39-42,66	Slide Hammers.....	20,71
Brake Repair.....	28-36	Grinders.....	51,86,87,90	Smoke Machines.....	58
Brass Punch Sets.....	79	Hammers and Striking Tools.....	71,71,73	Snips.....	80,126-130
Brushes.....	104,106	Head Bolt Sockets.....	23	Socket Holders.....	143,145
Bucket Pumps.....	39,40	Headlight Aiming.....	105	Socket Sets.....	137-143,146-152
Caliper Tools.....	33,34	Heat Guns.....	82	Soldering.....	82,83
Cam/Timing Tools.....	19,20	Hex Bit Sets.....	29,135,136,139,146	Spark Plug.....	16,18,148
Carts.....	99,100	Hole Saws.....	75	Spot Weld.....	75,80
Chain Hoists.....	51	Hose and Acces.....	106-108	Spray Guns.....	96-98
Chassis Repair.....	24-27,64	Hose Clamp Pliers.....	14	Sprayers.....	45
Chisels.....	69,70,79	Impact Sockets.....	146-152	Stethoscopes.....	64
Circuit Testers.....	64,65	Impact Wrenches.....	110-117	Strut.....	25,27
Cleaning.....	102,104-106	Import Specialty.....	19-24	Stud Welders.....	77
Clutch Tools.....	30	Jacks and Stands.....	47	Suction Cups.....	74
Code Readers.....	60-63	Jacks and Stands.....	46-49	Tap and Die.....	131
Collision Repair.....	72-74	Knives.....	12-13	Tarps.....	96
Compression Testers.....	19	Leak Detection.....	24	Test Leads.....	64,65
Compressors.....	97,98,110,111	Lighting.....	119-124	Thermometers.....	8
Couplers.....	106-108	Magnets.....	67,68	Thread Repair.....	16,32,131
Crankshaft.....	20-24	Manuals.....	64	Tie Rod.....	25,26
Creepers.....	99,100	Measuring.....	33,34,72	Tire Repair.....	31,33,36-39,66
Cut Off Tools.....	89-91	Mirrors.....	67,68	Tool Boxes.....	99,100
Cutting Kits.....	75	Motorcycle Tools.....	23	Tool Holders.....	143,145
Cutting Pliers.....	80,126-130	Multimeters.....	57-62	Torches.....	78,82,83
Cylinder Bore.....	33,34	Needle Scalers.....	110	Torque Multipliers.....	140,144,148,149
Dent Pullers.....	71,73	O Rings.....	64,66	Torx.....	28,133-137
Detailing.....	85-87	OBD II.....	59-62	TPMS.....	63
Diagnostic.....	53-63	Oil Change.....	41-44	Trailer Tools.....	45
Dial Indicators.....	33,34	Oxygen Sensor.....	23	Transmission.....	17,45,49
Die Grinders, Acces.....	88-94	Paint Equip.....	95-98	Triple Square.....	135,139
Disconnects.....	17,24,31	Parts Kits.....	64,66,83	Tubing Tools.....	10,35,36
Door Tools.....	84	Parts Trays.....	134	Unlocking Tools.....	69
Door Tools.....	81,84	Parts Washers.....	104	UV Detection.....	6
Drilling.....	114-116,125	Picks.....	13,15,67,68	Vacuum Pumps.....	3
Drip Pans.....	42	Pilot Bearing Pullers and.....	23	Vacuums.....	104,106
Drop Lights.....	119,120	Pipe Plug Sockets.....	43,44	Vise Grips.....	80,81,126-128
Electrical Test.....	52-56,64-66	Pipe Wrenches.....	126,130,131	Vises.....	51
Engine Ear.....	64	Pliers.....	66,80,126-130	Washers.....	104-106
Engine Repair.....	16-24,28,29,50	Polishers.....	86,87,90	Welding.....	75-78
Engravers.....	69	Porta Power.....	72	Wheel Sockets.....	32,38,39,136
Exhaust.....	2,29	Power Probe.....	62,63	Window Tools.....	74,81,84
Extension Sets.....	137	Pressure Testers.....	15	Wire Strippers.....	65,127-130
Extractors.....	76,131-133	Pressure Testers.....	14,15	Wrenches.....	131,139-143

GREAT VALUES FROM TRUSTED BRANDS

Seasonal



POWER GLIDE SINGLE EDGE KNIFE

The "Paratrooper" Knife - Simply split the handles and draw them apart for the blade to appear

- Length, Open: 9.3", Closed: 5.6", Blade: 3.8"

SWPGBT **\$24.79**

Pages 2-12

Engine Service



FUEL SYSTEM CLEANING AND DECARBONIZING MACHINE

Features Unique adapters make it easy to hook up to vehicle's fuel rail, saving time and money.

- An easy to use online application guide provides visual, step by step instructions

MTV500-0220 **\$1,479.29**

Pages 13-24

Chasis/Brake/Tire



X-PROOF WATER RESISTANT INDICATOR SET

Used to accurately measure small linear distances and check variations in tolerance during inspections.

- Base dimensions: 2" x 2-11/32" x 1-13/16"

FOW72-585-155 **\$80.22**

Pages 25-39

Battery/Lube/Lifting



22 TON AIR/HYDRAULIC TRUCK JACK

Compact low profile design for maximum access.

- Low height 9.75, high height 21.75"

FREE Pair of 22 Ton Jack Stands
BH6221 **\$824.77**

Pages 40-56

Diagnostic/Utility



CARBON FIBER POWER PROBE III

It's a Mega Testing and Diagnosing Circuit Tester!

- Power up electrical components, on or off the vehicle to determine if working, amongst hundreds of other test features.

PPPP319CARB **\$149.41**

Pages 57-70

Body Repair



PLASTIC STAPLER REPAIR KIT

Great for repairing headlight holding fixtures, and other high cost plastic parts

- Saves time and cost so expensive parts do not have to be replaced

NP090100 **\$230.67**

Pages 71-99

Storage/Power Tools



PRO GEAR RACE SEAT CREEPER

Designed to adjust low enough for easier access to difficult locations

Large 5" casters provide excellent mobility
REL2-700 **\$178.13**

Pages 100-119

Lighting



RECHARGEABLE MAGNETIC LED WORK LIGHT

Strong Magnetic Base Attaches to Any Ferrous Metal, Rotating Head Pivots to Direct Light to Any Needed Angle

- 24 High Intensity LED Lights, Sturdy Aluminum Red Housing

ULRT2-LTCH **\$49.45**

Pages 120-125

Hand Tools



75 PIECE RATCHETING DRIVE TAP AND DIE SET

Features the Performance Threading System. Tap and Die New Threads with Confidence!

- Comes with popular metric and SAE sizes

HA1813816 **\$229.30**

Pages 126-156



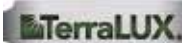
InfiniStar CR LED Rechargeable Flashlights

Modular flashlight design - Will never become obsolete due to new LED technology

- 300 lumen output, 9" long
- Over 2 hours runtime on a single charge
- Tactical beam pattern for max throw, & even spill area
- Single mode, momentary switch and water resistant



Item #	Color	Price
TLXTLF-NFSTC-BK	Black	\$123.05
TLXTLF-NFSTC-OR	Orange	\$123.05



LightStar 80 Pen Lights

- Rugged, momentary forward-click switch
- A rubber BiteGrip allows your hands to be free
- A high CRI LED enhances ambient colors
- 5 hour runtime, 5" long
- Comes with 2AAA alkaline batteries and high tension, reversible pocket clip



Item #	Color	Price
TLXTLF-802AAA-BK	Grey	\$26.35
TLXTLF-802AAA-BL	Blue	\$26.35
TLXTLF-802AAA-BLK	Black	\$26.35
TLXTLF-802AAA-OR	Orange	\$26.35
TLXTLF-802AAA-RD	Red	\$26.35
TLXTLF-802AAA-SV	Silver	\$26.35



SEASONAL AND SHOP PRODUCTS



NEW!

FRESH AIR OZONE PURIFIER BOX

- Ozone is the most powerful sterilant commercially available to kill bacteria, viruses, odors, & mold spores.
- Eliminates mold, mildew, & bacteria from mobile A/C systems & cabin interiors.
 - AC & DC power, & programmable timer.
 - Perfect for automobiles, RVs, boats, or other spaces with lingering odors or bacteria.

CG170AIR \$309.69



**Evaporative Cooling Stations
MADE IN U.S.A.**

Port-a-Cool Evaporative Coolers are completely assembled and ready to operate, right out of the box. They are made using one-piece molded plastic polyethylene housing which eliminates leaking and rust.

- The First Choice for use in Professional Sports. Just use a 3/4" garden hose connection to supply the water to cool your zone.



Item #	Fan	Speeds	CFM	Amps	Cool Area Sq'	Water	Price
PAC2KCYC01	Personal	2	3400/3000	5.6	700	16	\$1,011.40
PAC163SVT	16"	3	2500/3300/3900	5.3	900	42	\$1,577.15
PAC2K361S	36"	1	9600	12.4	2500	32	\$2,740.17
PAC2K482S	48"	2	11000/20000	13.7	4000	40	\$4,553.35



CYCLONE 2000 PORTABLE COOLING STATION

- What a Great Way to Keep Your Immediate Work Area Cool! This Unit Will Lower a 500 Square foot Area up to 30°
- Uses standard 120 Volt AC Power
 - 2000 CFM, with an 8 Gallon reservoir
 - Water level sight tube and sump drain
 - 3/4" garden hose connection for longer running
 - Cools without chemicals or refrigerants
 - Dimensions 24" wide x 35" deep x 31" height

PACCYC02 \$770.15



NEW!



3 SPEED AIR MOVER

- The heavy-duty Professional Air Mover is designed to power up to 500 CFM
- Features 3 speed air control
 - Cord Length: 10 Feet

SP1032100 \$87.38



1600 CFM PORTABLE AIR BLOWER

- Features 3 speed air control, 2 operating positions, and 30 ft. power cord, cord wrap for easy storage,
- 1/2 Peak HP

SP1030200 \$376.52



WORLD WIND 3 SPEED FAN

- 3-Speed Fan Switch, Built-in overload protection
- Moves air up to 300 CFM.

AO8710 \$87.32



Portable Gas Generators! Low Noise

A



C



D



B



E



Item #	HP	Peak/Rated Watt	Outlets	Run @ 1/2 Load	Price
STLSP-GG100	A	2 1000/850/7amp	1/120 AC, 1/12V	8.5 hrs	\$249.16
STLSP-GG120	B	2.8 1200/1000/8.3a	2/120 AC 1/12V	7	\$459.63
STLSP-GG200	C	3 2000/1400/11.6a	2/120 AC 1/12V	9	\$437.54
STLSP-GG300	D	6.5 3250/2800/20.8	2/120 AC 1/12V	8	\$518.22
STLSP-GG350	E	6.5 3500/3000/25	2/120, 1/120/240, 1/12V	8.5	\$677.38
STLGG-750E	D	13 7500	2/120, 1/120TL, 1/120/240TL, 1/12V	9	\$1,082.58

SHIPS BY TRUCK



CRUSHPROOF TUBING COMPANY Exhaust Tubing Hoses

Item #	Style	Size	Self Con.	Price
EXACT400DYNO	High Heat	4"x11'	No	\$278.42
EXACT500	Standard	5"x11'	No	\$314.11
EXACT600	Standard	6"x11'	No	\$396.68
EXAFLT250	Flared End	2.5"x11'	Yes	\$165.36
EXAFLT300	Flared End	3"x11'	Yes	\$137.78



POPULAR AC REPAIR

CPS®

AUTOMATIC DIGITAL R134A RRR MACHINE



- SAEJ2788 approved for the fully automatic operation
- 10 Micron 6CFM dual stage vacuum pump
- Utilizes state of the art microprocessor controlled ball valves to avoid flow stops
- Easy to program with simple commands
- Comes complete with a 50LB DOT Tank, 8 foot hoses and couplers.

CCAR2788S

\$3,246.15

CPS®

Single Stage Vacuum Pumps



Advance single stage design pulls deep vacuums fast!

Oil-mist preventer exhaust cap keeps the oil in the pump not on the floor.. No Hassle One Year Warranty

Item #	CFM	Price
CCVP6S	6	\$176.92
CCVPC2SU	2	\$114.40
CCVPC4SU	4	\$147.93

AIRSEPT

www.airsept.com

These Devices Protect Recovery Equipment and Vehicle Parts From Debris, Sealants and Contaminations. All From A Single Tool.



DUAL AUTOMATIC RECYCLE GUARD FOR R134A

- Compatible with all automatic A/C service equipment
- Switches automatically from recover to recharge
- High and Low side protection all in one
- Traps shavings, desiccant particles, sealant & debris

CPS®

PRO-SET @OIL-FILLED REFRIGERANT RECOVERY MACHINE

- 550 PSI high pressure cut-off switch, 1/3 HP Oil-Hess
- On the fly self-clearing valve. Integrated manifold block system
- Built-in suction filter located under suction port
- Direct Vapor: 0.38lbs/min, Direct Liquid: 3.03lbs/min
- Push-Pull Liquid: 12.22lbs/min (332kg/hr)



CCCR500

\$944.06

AIRSEPT

www.airsept.com

Unit Incorporates High and Low Side Charging



A/C CHARGE GUARD FOR HYBRID VEHICLES

- Eliminates risk of electrical damage caused by PAG oil entering electric compressors
- Incorporates High and Low side refrigerant charging

AR72161

\$497.38

FJC

Air Conditioning Products

7 CFM VACUUM PUMP SINGLE STAGE

- Cools down as deep and fast a Vacuum as a two stage pump
- Two stage performance using twin-port technology™
- Removes moisture and non-condensable gases
- 1/4" M.F x 1/2" Acme, 75 micron rating 3/4 horse, 3450 RPM
- Oil Capacity 17 ounce, comes with 2 bottles of oil



FJ6916

\$239.92

SPX ROBINAIR

Single Stage Vacuum Pumps

These 110 Volt Robinair VacuumPumps feature the "One Year No Hassle Over the Counter" Replacement Warranty



RA15115

RA15310
RA15510

Item #	CFM	Ports	LWH"	Price
RA15115	1.5	R12/R134	11.25/5/9	\$127.48
RA15310	3	R12/R134	12.5/13.25/5.5	\$175.19
RA15510	5	R12/R134	13.25/5.5/9.75	\$224.83

Get Cash Back when Purchasing Any of Robinairs RRR Machines! See www.robinair.com/promotions.php for Details

Manifold Sets

Manufactured to the Highest Standards. Each Set Includes manual service couplers and 60' hoses for R134A service



Item #	Picture	Type	Price
RA48134A	A	Brass	\$100.35
RA49134A	B	Aluminum	\$117.24

SPX ROBINAIR

PREMIUM A/C RRR MACHINE

Premium R134A Recover, Recycle, and Recharge A/C machine

- Features: Automatic Dye Inject, Automatic oil measure & inject, A/C system flush, Print results function, Job completion notification alarm, and more time saving functions.
- Just set and walk away.



RA34988

\$6,608.89

SHIPS BY TRUCK

R134A MANUAL RRR MACHINE

Recovers, recycles, evacuates, leak tests, and recharges R-134A quickly and accurately.

- Features: Automatic Air Purge, Refrigerant Charging, Refrigerant Management, Vacuum

Function, New 4x20 multilingual display

RA34288

\$4,467.93



SPX ROBINAIR

R134A COMPUTERIZED FREON RECYCLER

Database expansion slot allows for vehicle specific charging info. The optional vehicle database makes it easier and faster to determine the charge capacity for refrigerant and oil. Included is the total system oil capacity as well as replacement oil amounts by component. The database (No. RA34411) covers vehicles from 1994-2007.

- Fully automatic function lets you recover, vacuum, leak test, charge, and then walk away.

RA34788

\$5,584.27

R134A AC RRR HYBRID/NON-HYBRID SERVICE MACHINE

RA34788-H

\$5,668.24



SHIPS BY TRUCK

34788 SD DATABASE INFORMATION UPDATE

- Charge capacity is imported to the charge model
- No more guessing how much oil to add back when replacing components.



RA34411-B

\$245.31

AC CHARGING AND DIAGNOSTICS



AC PROMOTIONAL PACKAGE

Get all the basic needs at once with this AC bundle pack. Kit includes:

- R134a Brass Manifold, 60" Hoses, Economy Couplers
- Air Operated Light Duty Vacuum Pump
- 3-IN-1 Side Mount Can Tap Valve
- Universal Valve Core Remover
- 1" Pocket Analog Dial Thermometer 0 to 220°F
- Compact UV Leak Locator Kit (53580)
- Charging and Depressor Assortment (91207)

ML66661-KIT

\$229.81



ALUMINUM BLOCK MANIFOLD WITH SITE GLASS

- Aluminum site glass block with 60" Hoses in a Plastic Box
- Uses Standard couplers designed to work in the tightest quarters. Also can be used with existing R12 hoses and snaps easily to A/C service ports
- Includes 85530 3 in 1 can tap tool for use on R-12, R-134a & 2oz oil cans

ML89660-PRO5

\$128.44



ALUMINUM MANIFOLD AND UV DYE INJECTOR PACKAGE

- R134A Aluminum site glass block with 60" Hoses in a Plastic Box
- Uses Standard couplers designed to work in the tightest quarters. Also can be used with existing R12 hoses and snaps easily to A/C service ports
- Includes 10 Application Mini Dye Injector

ML89660-UV

\$128.44

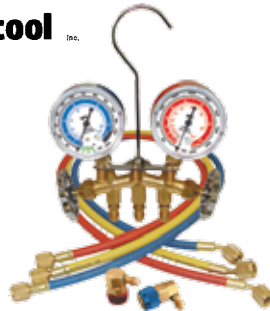


ALUMINUM MANIFOLD AND UV DYE INJECTOR PACKAGE

- R134A Aluminum site glass block with 60" Hoses in a Plastic Box
- Uses manual couplers with spring loaded depressors and will not damage service valves.
- Includes 10 Application Mini Dye Injector

ML89661-UV

\$148.83



R134A BRASS MANIFOLD

- Includes Manual quick couplers and 60" hoses

ML66661

\$99.58



BRASS R134A MANIFOLD

- Manual couplers with 60" Hoses.
- Manual couplers have spring loaded depressors and will not damage service valves.

ML84661

\$131.76



Allows For A Target Vacuum Range To Be Programmed With A Light Sensor Indicator.

DIGITAL VACUUM GAUGE IN CASE

- Sensor: Thermocouple sensor
- Operating Temperature: 32 degrees F to 120 degrees F
- Range: 20,000 to 1 micron, Accuracy Range*: ATM - 1000 Microns : ±5% of reading, 1000 - 100 Microns : ±3% of reading, 100 - 1 Micron : ±1.5%

ML98061

\$242.27

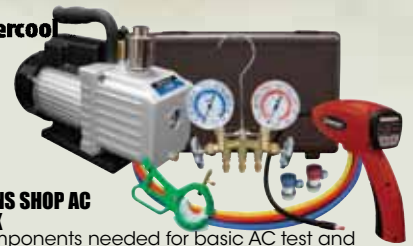


72" DIGITAL MANIFOLD SET WITH VEHICLE SPECIFIC DATA

Manufacturers Include all major brands. SPECIFICATIONS: Connection: 1/2" acme or 1/4" flare. Battery Life: 50-60 hours continuous use, Low Battery Indicator: Special ICON on LCD

ML99872-A

\$239.98



TECHNICIANS SHOP AC VALUE PACK

All the components needed for basic AC test and maintenance. This kit includes:

- 90062-A Single stage 3 CFM Vacuum Pump
- R134a Brass Manifold, 60" Hoses, with Manual Couplers
- 3-in-1 Side Mount used on R-12, R-134a & 2oz oil cans
- Universal Electronic Leak Detector 55100 featuring multiple Detection levels with Visual Leak Level Indicator

ML90062-A-KIT

\$422.98



R1234YF ALUMINUM MANIFOLD GAGE SET

- Use With R1234YF New Freon
- Anti-flutter gauges smooth out needle movement
- R1234yf high and low side couplers with extended disconnect protection sleeve meets SAE J639 & J2888

ML83272

\$207.25



R134 REFRIGERANT TANKS

50 LBS R134A Recovery Tank Without Float Switch

ML66010

\$189.05

50 LBS R134A Recovery Tank With Float Turn off Switch

ML66011

\$255.93

30 LBS R134A Recovery Tank With Float Turn off Switch

ML67010

\$239.89

30 LBS R134A Recovery Tank Without Float Switch

ML64010

\$165.23

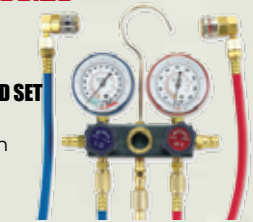


R134 ALUMINUM BLOCK MANIFOLD SET

- 72" Hoses-Quik Couplers
- Aluminum Block Design with Sight Glass.
- Anti-Flutter Design Gauges.
- Additional Access Port.

FJ6761B

\$76.82



R134A ALUMINUM MANIFOLD PROMO KIT

- 72" hoses with Manual Couplers
- Includes Thermometer, Valve Core Remover, and R134a Can Tap in a Plastic Case

FJ6785

\$148.02



VACUUM PUMPS AND CHARGING EQUIPMENT



AUTOMATIC FREON RECYCLER WITH VEHICLE DATA

- Features Pre-Installed Vehicle Specific Information to Automatically Install the Proper Amount of Freon
- Internally Mounted 30 LBS Tank with IMO Tank Full Switch
- Recovers and recycles 1 LBS/minute. Programmable recharge
- Auto vacuum test, Auto oil discharge, auto alarm
- Design certified for compliance with SAE J2788

ML69788

\$3,799.95



TWIN TURBO RECOVERY MACHINES

New double piston compressor and cooling by the largest fan and condenser in the market makes the new 69300 series the most complete solution to your recovery needs!

- Includes an oil separation module, filter dryer and sight glass
- Revolutionary double piston oil-less compressor
- Safety high pressure switch

- Includes an oil separation module, filter dryer and sight glass
- Revolutionary double piston oil-less compressor
- Safety high pressure switch

For use with all refrigerants including R410A

Item #	Picture	Style	Price
ML69300	A	Industrial	\$1001.69
ML69360	B	Automotive with Tank	\$1506.79



Recovers and Removes Oil From Refrigerant.



CERTIFIED AUTOMOTIVE AC RECOVERY SYSTEM

This system is designed to meet SAE J2810 and is compact, lightweight and works with all refrigerants. The unit offers a state of the art 1/2 hp oil-less compressor with a built-in high volume cooling fan.

- Offers a State of the Art 1/2 hp Oil-less Compressor with a built-in High Volume Cooling Fan for Fast Recovery
- Designed Certified to meet SAE J2810
- Includes Recovery Unit, 30 lb DOT Tank, a 60" Yellow Service Hose, 72" Blue and Red Conversion Hoses, UL Approved High and Low Side R134a Manual Couplers and Oil Purge Bottle

ML69110

\$1,343.77



PORTABLE EVACUATION/CHARGING STATION

A lightweight, durable, steel frame cart that contains all the necessary tools to quickly and conveniently charge the A/C system.

- Extruded aluminum manifold with long lasting valve design
- 2 1/2" gauges, hoses and manual couplers
- 240 lb capacity scale & 6 CFM vacuum pump

ML91585-B

\$830.65



6 CFM VACUUM PUMP

- Powers from a 1/4 horse motor with 75 microns of ultimate pull
- Uses maximum single stage power to give the feel of heavier duty pumps

ML90066-A

\$182.60



3 CFM VACUUM PUMP

- High performance single stage with a deep vacuum
- 3 CFM air displacement with an ultimate vacuum of 75 Microns.
- 1/4 Horse Power pump, 1720 RPM

ML90062-A

\$153.75



1.5 CFM VACUUM PUMP

- 1/6 horsepower motor
- Internal check valve on pump access fitting prevents oil blow out.
- Ultimate vacuum 100 microns

ML90059

\$134.52



AIR OPERATED VACUUM PUMP

- Requires 4.5 CFM/90 PSI shop air. No moving parts, no oil required, 1.3 CFM air displacement
- venturi type pump will pull up to 29 inches of vacuum (Hg.) at sea level. Includes 1/4" flare (R12) connection and 1/2" ACME (R134a) connection.

ML91200

\$66.86



Two Stage Performance Using Twin-Port Technology™

AC Repair Starter Kit

- Includes 6912 (5 CFM Vacuum pump)
- Includes 2850 (Electronic Scale), in Shelf Storing ABS carrying case.
- Includes 6761 (72" R134A Freon Manifold Set). Features 72" Hoses-Quick Couplers & Sight Glass, Aluminum Block Design

FJTEDA1

\$423.77



3 CFM VACUUM PUMP

Two Stage Performance Using Twin-Port Technology Lightning Fast Design Removes Moisture and Non-Condensable gases that can destroy any A/C or Refrigeration system Lightweight

- Micron Rating: 75, Fitting Size: 1/4" M.F.x 1/2" ACME,

FJ6909

\$137.21



Two Stage Performance Using Twin-Port Technology™

5 CFM VACUUM PUMP

Tested-Proven-Reliable. Specifications: 5.0 CFM 75 Micron Rating 1/4" M.F.x 1/2" Acme Fitting Size 115V, 60 1Ph. 1/3 HP 1725 RPM 8.0 Oz. Oil Capacity

FJ6912

\$169.04



1.5 CFM VACUUM PUMP

Two Stage Performance Using Twin-Port Technology. Designed for Home & Commercial Use, R12 and R22 Use (1/4" SAE Fitting Included), Automotive R134a Use (1/2" ACME Fitting Included). Includes 8oz. of vacuum pump oil

FJ6905

\$104.54



1.3 CFM AIR VACUUM PUMP

90 psi minimum air pressure required. Fitting Size- 1/4" M.F. x 1/2" ACME

FJ6900

\$35.08



AIR CONDITIONING UV LEAK DETECTION



UV Leak Detection



SPOTGUN 12 VOLT UV LED LEAK DETECTION KIT

Serves up to 64 vehicles. Quickly and easily injects dye into A/C systems. Eliminates over injection and mess

- Features: Cordless/Rechargeable 12V UV MicroLED-Lite™, Hybrid Safe UV A/C Dye (SAE-J2297 Certified & OEM approved)
- Kit Includes: Spotgun® Injection Gun, 12V UV MicroLED-Lite™, One Universal A/C Dye Cartridge (8oz/240mL), UV enhancing glasses, 4 (AA) Batteries

UV414560

\$204.31



SPOTGUN JR LEAK DETECTION KIT

Serves up to 20 vehicles. A professional dye delivery system utilizing the Phazer Lite - leading-edge technology with the use of 18 True-UV LED's

- Features: Spotgun Jr. Injection gun system with the new Phazer Lite with 18 True-UV LEDs to illuminate all UV leak detection dyes.

UV332000A

\$125.21



SPOTGUN INJECTION SYSTEM

- Easy Loading Pre-Filled Dye Cartridges
- Connects To Low Side Port & Prevents Venting Of Refrigerant Into The Atmosphere, Works With R-12 And R134a Refrigerants
- Includes: 1 Universal Dye Cartridge

UV471500

\$102.68



SPOTGUN JR / PICO LITE KIT

- Spotgun jr. Injector, pico-lite
- Light, univ. A/c dye cartridge
- R-134a adapter, r-12 adapter
- Glasses, service stickers

UV332220

\$102.30



SPOTGUN JR LED LITE KIT

- Spotgun jr. Injector, LED
- Light, univ. A/c dye cartridge
- R-134a adapter, r-12 adapter
- Glasses, service stickers

UV332010

\$74.79



1 WATT LUXEON

- Professional compact fluorescent leak detection light
- Utilizes a luxeon® led bulb, the latest in high intensity led technology
- UV glasses and 3 aa batteries included

UV413020

\$65.64



6 LED LITE

- Professional compact fluorescent leak detection light w/ 6 LED's to illuminate all UV leak detection dyes
- UV protection glasses and 3AA

UV413010

\$27.53

VIEW OILS & DYE SAE J2297 OEM APPROVED

UV399020	Spot Gun Jr. Replacement Dye	\$43.63
UV488108E	8 Oz. Ester Oil Cartridge	\$12.76
UV488125P	Pag Oil Cartridge 125 Visc.	\$12.76
UV499108	Universal 8oz. AC Dye Cartridge	\$58.05
UV499109	Universal A/C Dye Cartridge with eBOOST	\$37.74



UV REFRIGERANT LEAK DETECTOR FLASHLIGHT

- Six UV LEDs
- Laser pointer clearly locates center
- Three LED flashlight with 100,000 hr LED life

FLRLD2

\$73.76



PRO SHOT DYE INJECTION SYSTEM

The Most Precise and Accurate Injection System on the Market.

- The Pro-Shot gun measures exactly 1/8oz of dye
- Eliminates over-injection
- Includes 8oz cartridge of Stay-Brite Universal AC Dye.

FREE!
UV Flashlight

BG130221

\$150.31



R134A RED DYE PREMIUM REFRIGERANT WITH LEAK STOP

Contains 12 oz R134a, and 1 oz of Leak Stop with red dye and O' ring conditioners.

- View leaks without the aid of UV lights

FJ618

\$14.18



R134A STOP LEAK WITH RED DETECTION DYE

Will only seal holes in rubber hoses & enlarges "O" rings

FJ9140

\$5.89



SUPER SEAL PREMIUM A/C SYSTEM LEAK REPAIR KIT

- Permanently seals leaks in condensers, evaporators, accumulators, compressors, gaskets, o-rings, metal lines & rubber hoses.
- Professional formula is easily installed

CG946KIT

\$40.35



16 oz. Universal eBoost Performance Enhancing Oil Dyes

- Includes MoistureGuard Technology
- eBoost Rejuvenates rubber seals and O-rings to prevent leaks in AC systems

UV488016P

E-Boost Universal Pag Oil with Dye

\$16.92



UV LEAK DETECTION

SPX ROBINAIR

NEW!



AC DYE INJECTION SYSTEM

- The easiest and most accurate gun available today.
- No guesswork – a pre-measured application every time.
- One squeeze injects a pre-measure amount (1/8 oz.) of dye. No more adding too much dye.
- Brightest dyes in the industry, exceeds all industry performance standards
- OEM backed and approved
- Meets the new SAE J2297 standard for use with both R134A and R1234YF

RA16234 \$147.92



UV PUSATING ACTION LIGHT

- Pulsating light makes finding UV dyes easier
- Adjustable focal length detects leaks up to 20'
 - On/off strobe function
 - Uses 3 x AAA battery powered (included).

CG88DC \$33.54



UV RECHARGABLE PHAZER LEAK DETECTION LIGHT

- High Output UV LED True UV: Fluoresces dyes brighter than blue LED lights
- Adjustable Lens Focus: Allows for focusing light intensity
 - Rechargeable Lithium Ion Battery: Years of trouble free battery life
 - Compact Design: Perfect for use in tight areas
 - Durable Aluminum Construction

UV413025 \$128.00



Get Your Customers On The Freon Insurance Plan



LEAK GUARD AC INSURANCE KIT

- LeakGuard permanently and safely seals A/C leaks in both rubber and metal components.
- It works by seeking out the oxygen present at the leak point. When combined with the pressure in the system, LeakGuard™ is pushed through the leak causing it to congeal and form a permanent chemical weld at the leak point.

UV480300 \$77.56

STREAMLIGHT



TWIN-TASK 3C UV TITANIUM

- Combination of 6 UV LED'S and 1 Xenon Bulb
- 3 Modes of Lighting. Push-button switching
- Uses 3 C Alkaline Batteries

SG51018 \$55.79



AC Dyes meet standard J2297

FUTP3400-0601	Universal engine oil dye 6 pack	\$36.18
FUTP3405	Single application oil, fuel, atf universal dye	\$4.79
FUTP3812	Hybrid A/C Dye Kit Includes 3, specially packaged hybrid dye capsules and injection parts	\$73.49
FUTP3820-0601	R 134a PAG oil bottles, 6 pack	\$56.84
FUTP3900-0601	Coolant System Dye for standard coolants, 6 pack	\$23.96
FUTP3920-0601	Auto Body Leak Check dye 6 pack	\$26.62
FUTP3940-0601	Dye-Lite® Rite-Blend™ Dye – For Extended Life Coolants! including red/orange or yellow	\$26.62
FUTP9760-0108	8 Oz. R134A Pag Big EZ Dye Cartridge	\$57.44
FUTP9770-004CS	4 Oz big ez 32 vechicle universal dye cartridge	\$51.16
FUTP9770-0108	EZ Cartridge Universal Dye 8 oz Cartridge	\$61.54
FUTP9875-0601	Universal R-134a, Mini-EZ cartridges 6 pack	\$32.37



OPTI-LITE CORDLESS FLASHLIGHT KIT

- Power comparable to 50-watt lamps
- Inspection range of up to 2 feet (0.6m) or more, 100,000-hour bulb life, Powered by 3 AA batteries and Fluorescence-enhancing glasses included.

FUTP8620CS \$30.77



UV SYRINGE STARTER KIT

- Includes: OPTI-Lite™ 6-LED flashlight, Syringe A/C dye injector with hose for R-134a and R-12 adapter/purge fitting, 1 oz bottle co-solvent free universal A/C dye, services up to 4 vehicles, 1 oz bottle Dye-Lite All-In-One standard oil dye, services 1 vehicle, - 1 oz water-based bottle Dye-Lite, coolant dye, services 1 vehicle, 8 oz bottle of GLO-AWAY dye cleaner, fluorescence-enhancing glasses.

FUTP8621 \$76.24



OPTI-LITE EZ-SHOT DYE KIT

- This Basic AC Starter kit gets the tech diagnosing for leaks more quickly than any other kit made.

FUTP8626 \$165.36



EZ JECT OPTI LITE KIT

- Includes: TP-8620CS OPTI-Lite™ 6-LED, economy flashlight, EZ-Ject™ injector with universal A/C dye cartridge for servicing up to 14 vehicles, 1 oz bottle Dye-Lite, All-In-One™ standard dye for oil, fuel, ATF, PS and hydraulic leaks, services 1 vehicle, 1 oz bottle Dye-Lite coolant/auto body leak dye, services 1 vehicle and Fluorescence-enhancing glasses and plastic case

FUTP8627 \$89.12



OPTIMAX JR EZ-JECT UV KIT

- Complete OPTIMAX Jr /EZ-Ject™ kit – Powerful, Professional and Affordable!
- Includes EZ-Ject™ dye injector is the easiest, most accurate and most compact method of servicing a vehicle's A/C system with dye.

FUTP8647 \$103.80

THERMOMETERS AND AC SERVICE TOOLS

Pocket and Handheld Thermometers

SPX **ROBINAIR** **Mastercool** **Raytek**



Use these thermometers for various diagnostics for AC, Brake, Engine and Chassis Repair. Most digital units measure in dual modes.

Item #	Style	Range	Notes	Price
Pocket, Digital, and Laser Non-Contact Thermometers				
RA10597	A	Pocket	0-220F	1" Small Face Analog \$9.96
RA10945	B	Pocket	0-220F	1.75" Large Face Analog \$12.18
RA43230	C	Pocket	-40 to 390F	Digital Dual Degree \$31.10
ML52220	D	Pocket	0-200F	Small Face Analog \$8.04
ML52223-A	E	Pocket	-58 to 302F	1" Digital Face \$24.24
ML52224ASP	F	Infra-Red	-58 to 932F	Laser sighting non contact. Includes #52220 in carry case \$57.56
ML52225-A-SP	G	Infra-Red	-83 to 1400F	Laser sighting non contact. Includes thermocoupler to contact measure up to 1900F \$144.18
ML52224-C	H	Infra-Red	-58 to 932F	Dual Laser sighting non contact \$66.07
RKMT6	I	Infra-Red	-20 to 932F	Laser sighting non contact. 10:1 ratio at focus point. Includes case \$64.80
RKST25	J	Infra-Red	-25 to 999°F	Smart sight Dual Laser sighting non contact. 16:1 ratio at focus point. Includes case \$123.66

FLUKE



411D/62 DISTANCE METER AND IR TEMP GUN KIT

- Laser Distance Meter and 62IR Non Contact Thermometer
- 62IR Laser distance meters utilizes simple design and easy one-button operation measures -40°C to 760°C
- 411D Increased accuracy for saving both time and money

FL3446013

\$242.82



ECONOMY SCALE

- 9" x 9" platform
- 175 lb. capacity

FJ2850

\$147.88



UNIVERSAL CHARGING HOSE REPAIR KIT

- Contains 50 pieces Fits all brand name aftermarket hoses for R12/R134

FJ6070

\$21.74

ROBINAIR



R134A POPULAR PARTS KIT

- 4 stems, 6 o-rings, 14 mm, 12 stem o-rings,
- 12 valve core depressors, 12 hose gaskets, 1/4"
- 6 Quick Seal™ o-rings for R-134a., 2 caps with straps, 1/2" Acme.. O-ring lubricant. Valve core remover/installer. 4 color-coded Lexan® handwheels and screws.
- Set of R-134a coupler o-rings, high- and low-side.

RA18576

\$90.07

TEKZ

Top quality components packed in an easy pick package
• Contains the most popular sizes

Popular Parts Kits

TZ45201	270 Piece	HNBR O-Ring Assortment	\$8.18
TZ45202	407 Piece	SAE O-Ring Assortment	\$17.21
TZ45203	419 Piece	Metric O-Ring Assortment	\$17.21



Mastercool

Most Popular



ACCU-CHARGE II PROGRAMMABLE REFRIGERANT SCALE

- Charge Programming allows user to program desired quantities
- Before charge is complete, an alarm will sound allowing user ample time to turn off refrigerant supply.
- Allows user to know the amount of refrigerant that is left in the tank at any time
- Capacity of 240 lbs, removable platform

ML98210-A

\$234.65

Mastercool

CHARGING SOLENOID MODULE

- Charging Module turns the ML98210 ACCU-CHARGE II into an Automatic Programmable Scale.
- Module allows the user to control the exact amount of refrigerant.
- Includes a short hose for tank connection, USB cord, & 1/4" FL-1/2" ACME adapter

ML98230

\$179.13

Mastercool

SMART CHARGE AUTOMATIC FREON SCALE

- Program and automatically transfer refrigerant to and from the A/C system.
- Over 700 models of cars from around the world is contained in the scale's memory.

ML98300

\$525.96

Mastercool

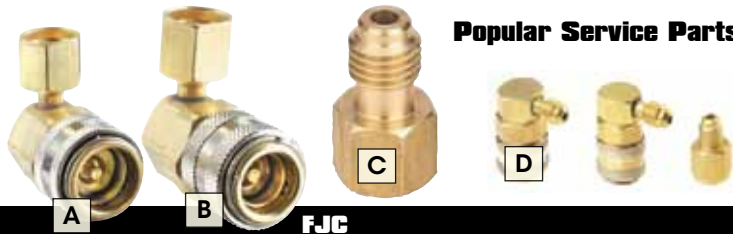
Wireless Refrigerant Scales



- Wireless unit prevents unwanted tangles in wires
 - Easily store the remote in the body of the platform
 - Keypad provides synchronization and zeroing
 - Extremely accurate weight sensor
 - Magnet on remote allows easy placement on fixtures
- Features:
- Allows user to program desired quantities.
 - Pause feature allows user to stop and continue charging (98315 model only)
 - Tank capacity feature allows user to know the amount of refrigerant in the tank at any time.

Item #	Type	Price
ML98310	Wireless Refrigerant Scale	\$275.19
ML98315	Wireless Refrigerant Scale with Solenoid	\$380.77

AC LINE, MANIFOLD FITTINGS AND COUPLERS



Popular Service Parts

Service Couplers, Replacement Parts and Manifolds for R134a Air Conditioning Repair

FJ6005	A	R134a 90° Quick Coupler Hi Side Female 14mm	\$12.64
FJ6006	B	R134a 90° Quick Coupler Lo Side Female 14mm	\$12.64
FJ6017	C	R134 Hose Connector	\$6.81
FJ6025	D	R12 To R134a Coupler Conversion Kit	\$29.34



Mastercool Inc.



Manual Couplers Adjust Easily To R134a Service Ports With Varying Dimensions. Spring Loaded Depressor Will Not Damage Service Valves. Can Be Removed From Service Ports Regardless Of Knob Position Without Losing Refrigerant.

ML82834	G	High Side Manual R134a 14mm-f X 16mm Quick Coupler	\$39.89
ML82834-E	C	High Side Manual R134a 1/4" F-m X 16mm Quick Coupler	\$42.11
ML82934	F	Low Side Manual R134a 14mm-f X 13mm Quick Coupler	\$39.89
ML82934-E	B	Low Side Manual R134a 1/4" F-m X 13mm Quick Coupler	\$39.89
ML84372	H	R134a 72" Charging Hose Set	\$77.12
ML84721	A	72" R134a Blue Hose	\$23.82
ML84722	A	72" R134a Yellow Hose Auto Shut-off	\$31.12
ML84723	A	72" R134a Red Hose	\$24.29

This Unique Patented Design Easily Snaps On And Off The A/C Systems Service Ports Under Any Pressures. The Swivel Feature Enables The User The Flexibility To Easily Access All Service Ports Even In The Tightest Quarters.

ML82214	E	E-z snap coupler (high side) r134a 14 mm-f- x 16mm	\$50.44
ML82224	D	E-z snap coupler (low side) r134a 14mm-f x 13mm	\$50.44

ROBINAIR

R134 LOW SIDE QUICK COUPLER BLUE

• Blue, Low Side

RA18190A

\$51.14

R134 HIGH SIDE QUICK COUPLER RED

• Red, High Side

RA18191A

\$51.14

ROBINAIR

SET OF 2, R-134a COUPLERS - AUTOMATIC TYPE

Compact design easily fits into tight quarters, which is especially handy for retrofits. Six-ball couplers provide a more stable grip on the fitting than do couplers with four balls.

RA18341

\$37.78

ROBINAIR



R134a QUICK STYLE COUPLER SET

- Integral safety sleeve, which protects against injury and refrigerant loss if the coupler is disconnected under pressure.
- The compact design easily fits into tight quarters
- Six-ball couplers provide a more stable grip on the fitting

RA18192

\$97.85



3-IN-1 SIDE MOUNT CAN TAP

Used on R-12, R-134a & 2oz oil cans

ML85530

\$15.60



REPLACEMENT AC VALVE CORE AND TOOL KIT

5 Different Valve Cores and Tools for Standard and Large Valve Cores.
 • 37 Pieces 20 Part # 2672, 3 Part # 2673, 4 Part # 2674, 4 Part # 2676, 4 Part # 2677, 1 Part # 2744, 1 Part # 2745

FJ2680

\$62.66



TANK AND HOSE CONNECTION ASSORTMENT

- Popular connection fittings for R12 and R134
- Connects hoses
- Connections to Freon tanks, and more

FJ6072

\$48.68



A/C SYSTEM FLUSH SOLVENT

- Removes moisture, acid and contaminants-100% environmentally friendly Gallon size

FJ2128

\$80.99



MULTI-USE VEHICLE LINE EASY SPLICE KIT

- Quick, effective line repair with no line removal Installs in five minutes or less
- No special tools or adhesives needed
- For A/C, Transmission, Power Steering and Heater lines. Burst tested to 2300 PSI. Fits in tight places
- 8 times more sealing surface than standard compression fittings. One each 5/16", 3/8", 1/2", 5/8", 3/4" Repair Kits

AR76050

\$183.32



CLICK LOCK SECURITY FREON LINE CAPS

- Patented caps show if A/C system has been opened
- Unique serial numbers allow easy Repair Order tracking
- Allows you to check for potential refrigerant cross-contamination

AR72921

\$52.04



AC SYSTEM FLUSH KIT

- Includes flush gun, hose and canister adapter, to clean contaminants from AC systems

ML91046A

\$63.74



AC SERVICE TOOLS AND KITS



Use MI71201-001A-REPK To Field Service Your Hydroflare Tool. Consists Of Assorted Parts.



UNIVERSAL HYDRAULIC FLARING TOOL SET

- Fabricates push connect flare, 1/4", 5/16" & 3/8"
- GM fuel line flare 5/16" & 3/8"
- 5 Double flaring adaptors for 3/16" - 1/2"
- Metric bubble flare 4.75, 6, 8, & 10mm

ML71475 **\$451.83**



37° FLARING & DOUBLE FLARING HYDRAULIC TOOL KIT

- This kit fabricates 37 Degree Push Connect Flare 3/16, 1/4, 5/16, 3/8, and 1/2"
- Applications include Aviation, Motorcycle and Industry

ML71480 **\$379.92**



FLARING SET, DOUBLE FLARING AND CUTTING TOOL SET

- Heavy duty tube cutter ML70033 (1/8" to 1 1/8" tubing);
- Standard 45° flaring tool flares 7 sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8" O.D. tubing
- Five double flaring adapters cover 3/16", 1/4", 5/16", 3/8" and 1/2" O.D.

ML70092 **\$81.96**



ISO METRIC BUBBLE FLARING TOOL

- Flares without removing brake lines from the vehicle.
- Includes hardened steel bar and carrying case.
- Set includes: Adapters for 4.75mm, 6mm, 8mm and 10mm tubing

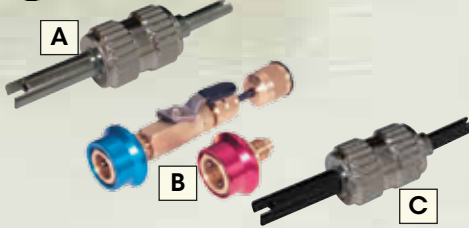
ML71100 **\$90.15**



DELUXE ORIFICE TOOL SERVICE KIT

- 5 piece universal kit will remove and install any style orifice tube

ML92311 **\$35.12**



Item #	Pics.	Use	Price
ML81290	A	R134A Large Bore Valve Core Remover	\$7.87
ML81490	B	R134A Under Pressure Remover and Replaces	\$53.01
ML91290	C	Universal Valve Core Remover	\$7.87



A/C COMPRESSOR CLUTCH INSTALLER/REMOVER KIT



- Replaces clutches found on FS6, C171, 6P & 148 compressors GM R4 & A6, HR-6, DA-6 & V5 A/C compressors, Sanden compressors SD505, 507, 510, 575, 708 & 709

AO7886 **\$39.03**



ORAFICE TUBE REMOVER AND INSTALLER KIT

- Easily removes orifice tubes without damage. Use for standard and "T"-top orifice tube



FJ2830 **\$27.54**



MASTER FLARING TOOL KIT

- 6 Kits in One - Covers all the capabilities of the following separate kits:
- Single Flare Standard Lines 3/16" - 5/8", 4mm - 14mm
- Double Flare Standard Lines 3/16" - 1/2", 4mm - 10mm
- Bubble Flare Standard Lines 3/16" - 1/2", 4.75mm - 10mm

OT6502 **\$137.34**



FLARING TOOL KIT

- Just dial and activate your required operation and the flaring is completed instantly sizes 3/16" to 3/8". Reduce flaring labor by 20 minutes or more per job
- Creates 45° & single (mushroom and bubble) flares; 45° sizes - 3/16", 1/4", 5/16" & 3/8" and DIN - 3/16" (4.75 mm)

SRRT351 **\$333.76**



HYDRA-KRIMP DELUXE A/C HOSE CRIMPER KIT

- Fabricate A/C hoses as easy as 1, 2, 3!
- Hand held hydraulic press is portable
- Dies snaps quickly into holding fixture
- Comes with a complete set of dies for for sizes #6, #8, #10, & #12 standard and reduced barrier hose

ML71500 **\$807.82**



BASIC A/C HOSE CRIMPER KIT

- Crimps hoses fast & easy
- Comes with four die sets for hose sizes (#6, #8, #10, & #12) and base for bench mounting

ML71550 **\$220.87**



UNIVERSAL R12/R134A VALVE CORE KIT

- Allows the user to remove or install the service port valve core without losing the systems charge.
- Covers R12 and R134a systems. Includes five valve core arbors, high and low R134a couplers, ball valve assembly and 1/4", 3/16", 1/8" adapters for R12 systems.

ML58490 **\$181.60**



DELUXE CLUTCH HUB PULLER & INSTALLER KIT

- Kit contains a complete offering of A/C compressor clutch hub pullers and installers for GM, Ford, Chrysler and imports Includes a compressor identification chart and comes in a custom molded case

ML91000A **\$104.68**



4 IN ONE TUBING BENDER

- For 3/16", 1/4", 5/16" and 3/8" (4.6, and 8mm) O.D. tubing Open side design slips over tube.
- Makes smooth short radius bends up to 90 degrees. Calibrated to show angle of bend

ML70069-A **\$37.87**

AC SERVICE AND LEAK DETECTION

SPX ROBINAIR

Advanced Infrared Sensor Designed To Last A Minimum Of 10 Years.



INFRA-RED LEAK DETECTOR

- Three sensitivity levels down to 0.15 oz./year.
- Automatically recalibrates in highly contaminated areas to help pinpoint the exact location of the leak.
- Senses CFC, HFC and HCFC blend refrigerants.
- 8-hour lithium ion battery lasts all day long
- Visual alert and peak button make it easy to find leaks in noisy environments.

RA22791 **\$456.39**

SPX ROBINAIR

R12 R134 ELECTRONIC FREON LEAK DETECTOR

- For all CFC, HCFC, and HFC refrigerants.
- Uses corona discharge technology.
- Audible and visual leak indications.

RA16600 **\$211.60**

SPX ROBINAIR RATCHETING TUBING CUTTERS

Designed for confined spaces. Unique ratcheting action operates like a socket ratchet but cuts copper, aluminum, stainless steel, and PVC. Spring-loaded adjusting screw applies continuous pressure while cutting.



1/8" to 1/2" tubing.
RA42071 **\$37.78**

1/4" to 7/8" tubing.
RA42080 **\$44.44**

1/4" to 1-1/8" tubing.
RA42090 **\$50.00**

OTC

A/C CLUTCH HUB REMOVER/INSTALLER SET



- For damage-free removal and installation of the clutch hubs on these air conditioning compressors: GM-Harrison DA-6, HR-5, V-5, A-6 and early R4; Nippondenso Ford/Chrysler A590, C171, FS-6, 6P148A (new style); Sanden & Sankyo; York/Tecumseh HR980; Zexel/Mitsubishi CH series.

OT4535 **\$102.75**



UNDER PRESSURE VALVE CORE REMOVAL KIT

- Remove the valve core without loss of vacuum.
- The VCR kit allows for servicing both high side & low side ports
- Extractor shaft assemblies allow service of all valve cores in all R-134a and R12 systems

CG312KIT **\$109.87**

CPS

UNIVERSAL FREON LEAK DETECTOR WITH UV LIGHT ATTACHMENT

Meets all US and International standards for automotive use including SAE J2913 for R-134a and European Standard EN14624:2005.

- New E_MOST™ sensor technology incorporates a proprietary pulse modulation design to increase both battery and sensor life.

CCLDA1000UV **\$199.80**

CPS

Patented selective Water Vapor Filter allows operation in damp environments and checking evaporator leaks

MULTI FREON LEAK DETECTOR

Detects all refrigerant and blends-R12, R22, R502, R123, R134a. 18" Flex probe, ten sensitivity levels. Visual and audible leak location and intensity indicators. Patented selective Water Vapor Filter allows operation in damp environments and checking evaporator leaks. Exceeds SAE J1627 moving probe specifications.

CCLS790B **\$173.08**

CPS

CLIP ON TRUE UV LIGHT

- Fits shafts measuring 1/4" to 3/8" in diameter such as a Inspection Mirror, Leak Detector or Video Boroscopes.
- Visually confirm leak sources.

CCUVMINI **\$21.98**

Mastercool

AC ELECTRONIC LEAK DETECTION VALUE BUNDLE

- Bonus: Includes and R134a Brass Manifold with 60" Hoses, Manual Couplers, and a 3-in-1 Side Mount Can Tap Valve
- Offers an accurate and reliable solution to Electronic Leak Detection.
- 3 Levels Of Sensitivity (5 Levels Of Detection)
- Visual Leak Level Indicator
- Detects Leaks As Small As 1/10 oz Per Year
- Detects All Refrigerants, CFC'S, HCFC'S, HFC'S
- Includes a Custom Molded Carrying Case

ML55100-R-KIT **\$269.13**

Mastercool

ELECTRONIC LEAK DETECTOR

- Visual Leak Level Indicator
- 3 Levels of Sensitivity (5 Levels of Detection)
- Detects Leaks as small as 1/10 oz (3gr) per year
- Includes a Custom Molded Carrying Case.
- Detects all refrigerants (CFC's, HCFC's, HFC's)
- Meets and exceeds SAE J1627

ML55100 **\$188.67**

SUR&R



The fast and affordable solution for repairing damaged A/C line including pinholes, cracks, and corrosion. Make both aluminum to aluminum and aluminum-to-rubber repairs.

- Kits include compression union, rubber hose adapter, clamp holder, and clamps (hose sold separately)
- Available in 3/8", 1/2", 5/8", and 3/4" sizes

SRRAC638	3/8"	\$29.16
SRRAC812	1/2"	\$29.16
SRRAC1058	5/8"	\$29.16
SRRAC40	3/8", 1/2", 5/8", & 3/4"	\$114.24



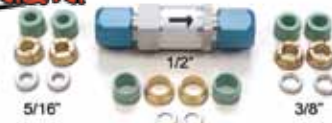
Make instant repairs to A/C lines on hundreds of vehicles with this easy-to-use kit.

- Repair damaged rubber and aluminum lines including pinholes, cracks, kinks, and more
- On-the-car repairs made simple
- Make connections easily by hand; no specialty tools required
- Covers most common line sizes
- Both kits contain hose, compression unions and line adapters designed specifically for A/C repair applications
- Conforms to SAE J2064 specifications for low permeability
- Pressure rated up to 600 PSI

SRRAC1347 47 Piece Kit **\$425.10**

SRRAC1387 87 Piece Kit **\$613.98**

SUR&R



A/C LINE REPAIR/IN LINE FILTER KIT

Repair a damaged A/C line or install an in-line filter in as little as 5 minutes with this unique, dual-purpose repair kit.

- REPAIR CARS, TRUCKS & SUV'S - Works on hundreds of domestic and foreign vehicles
- REDUCE LABOR - Avoid difficult work removing and installing lines

SRRAC128 **\$73.58**

KNIVES AND SHARPENING TOOLS



Item #	Description	Price
Ken Onion Chives	feature SpeedSafe easy opening, and a safety blade lock. Blade Length, 1-15/16", closed 2-7/8"	
KR1600	Silver	\$60.66
KR1600BLK	Black	\$79.34
KR1600PINK	Pink	\$56.00
KR1600SS	Stainless	\$79.34
KR1600VIB	Rainbow	\$79.34

Kershaw Leaks feature speed-safe assisted Open thumb-stud folder with index finger lever and safety lock. blade length 3", handle length: 4", overall length: 7"

KR1660	Silver	\$70.00
KR1660BB	Black/Blue	\$70.00
KR1660BR	Black/Red	\$70.00
KR1660CB	Composite	\$102.70
KR1660OCC	OCC	\$84.02
KR1660PINK	Pink	\$74.68
KR1660ST	Serrated	\$70.00
KR1660TROUT	Trout	\$102.70
KR1660VIB	Rainbow	\$93.36



Smith & Wesson



Item #	Pic	OAL	Handle	Blade	Price
SWBLOP3R	A	7.7"	4.3"	3.4"	\$54.79
SWEE2BS	B	7.7"	4.4"	3.3"	\$59.78
SWCK109	C	7.4"	4.4"	3.0"	\$17.34
SW911N	D	8.2"	4.8"	3.4"	\$74.73
SWCK111S	E	7.3"	4.2"	3.1"	\$19.82
SWFR	F	8.0"	4.7"	3.3"	\$24.79
SWMP4LBS	G	8.6"	5.0"	3.6"	\$59.78
SWCK114L	H	11"	6"	4.9"	\$31.12
SW32C	I	8"	5"	3"	\$21.16
SW3600C	J	8.1"	4.75"	3"	\$18.68
SW3600CS	K	8.1"	4.75"	3"S	\$18.68
SW3700	L	8"	4.7"	3"	\$18.68
SW3700S	M	8"	4.7"	3"S	\$18.68
SWBLOP3R	N	7.7"	4.3"	3.4"	\$54.79
SWBLOP3RS	O	7.7"	4.3"	3.4"S	\$54.79
SWBLOP3TBL	P	7.7"	4.3"	3.4"	\$54.79
SWBLOP3TBLs	Q	7.7"	4.3"	3.4"S	\$54.79



PRO MODEL MULTI FUNCTION TOOL AND BLADE SHARPENER

- Offers 3 ways to sharpen your tools: Top Side with Tool Rest, the Chisel and Plane Iron Port and the Edge-Vision Port.
- Sharpens chisel and plane blades up to 2" wide to a perfect 20, 25, 30 or 35 degree bevel angle without any set up time!
- Allows you to sharpen a perfect 5 degree micro-bevel for even faster re-honing.
- Air-cooled dry sharpening system

DDWS3000 **\$269.17**



BASIC MULTI FUNCTION TOOL AND BLADE SHARPENER

- Sharpen nearly any tool or blade in your shop.
- The WS2000 offers 3 ways to sharpen your tools: Top Side with Tool Rest, the Chisel and Plane Iron Port and the Edge-Vision Port.
- Sharpens chisel and plane blades up to 1 5/8" wide to a perfect 25 degree bevel angle without any set up time!
- 1/5 HP, 1750 RPM Max Wheel Speed.

DDWS2000 **\$144.15**



POWER GLIDE SINGLE EDGE

- PowerGlide brings back the design of the "Paratrooper" knife with updated materials & technology. Simply split the handles and draw them apart for the blade to appear.
- Features Zytel alloy for lighter weight and better grip.
- The lever arms are geared for smoother action and higher strength
- Blade shape has a modern utility design.
- Comes with a cell-phone style carrying clip-holster, allowing the knife to be worn securely while hanging from equipment.
- Length, Open: 9.325", Length, Closed: 5.625", Blade Length: 3.875"

SWPGBT **\$24.79**



FAST BACK UTILITY KNIFE WITH STRIPPER

- One Handed Blade Opening - Flip Blade Open up to 3X Faster
- Tool Free Blade Change - Change Blades up to 5X Faster
- Wire Stripper, Integrated Gut Hook - Cuts Without Opening Knife

MWK48-22-1901 **\$20.88**



11 PIECE KITCHEN CUTLERY SET

- Includes Steak Knives, Scissors, Sharpener, and Assorted Dicing and Chopping Blades
- Great for every day use, and dishwasher safe

ISSCH15CS **\$56.04**

KNIFE SHARPENERS, POCKET AND UTILITY KNIVES



2 STEP KNIFE SHARPENER

The SharpNEasy™ 2 Step Knife Sharpener

- Features pre angled coarse and fine ceramic rods that maintain an accurate edge.
- Just 7 strokes for a smooth sharp finish.
- Light Weight
- Rubber Molded Grip and Feet for Safety
- Lanyard Hole - allows for easy attachment to string or cord or key chain



AP334CD **\$5.38**



DURA EDGE SHARPENING SYSTEM

Guarantees a perfect edge on all types of blades

- Features 70, 120, 600, and 1000 grit stones and honing oil
- The oversize handle makes each swipe of the blade safe and effortless
- Includes base for work bench mount to add additional precision when maintaining your blades sharpness



ISSCKIT1 **\$49.82**

Knife and Tool Sharpeners



AP001C



AP002C



AP005C

The Knife Sharpener anyone can use!

- No more messy oils or stones. Only 10 seconds to sharpen all types of knives, cleavers, axes, machetes, and many other cutting tools.
- The large ergonomic handle fits either hand safely and securely.
- Sharpening blades are Diamond Honed Tungsten Carbide for years of reliable use.

AP001C	Knife Sharp	\$13.31
AP002C	Shear Sharp	\$10.74
AP005C	Camo Knife	\$18.44



MIGHTY CUTTER

- Makes accurate, straight cuts with clean edges on rubber or plastic hose, PVC pipe and certain types of wire and wire cable
- Handles up to 1 1/8" O.D. material
- For automotive, autobody, marine and aviation shop.



TA14300 **\$23.14**



2 PC LOCKING HOSE CLAMP PLIER SET

- Innovative waffle iron design securely grabs and locks the wire hose clamp in place
- 2 pc set includes 7" and 9" pliers
- Chrome plated for a lifetime of corrosion resistance
- Ideal for cooling systems, hydraulic work, and brake lines
- Drop forged head provides extra strength and durability



KD82060 **\$53.62**



HOSE CLAMP CABLE PLIERS

- Dual sided clamp allows for a range of 0-2" and 1-3"
- Lock mechanism keeps hose clamps steady during work
- Great for cooling systems, hydraulic work, and brake lines



KD82115 **\$69.05**



CABLE HOSE CLAMP PLIERS

- Allows for removal of plastic and/or metal self-tightening hose clamps with diameters of 11/16" - 2-1/2" (18mm - 54mm)

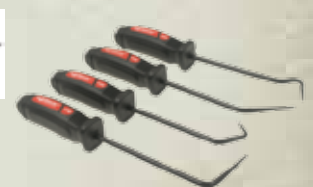


AO9409A **\$54.77**



RADIATOR HOOK AND PICK SET

- 90 Degree Hook, C-Hook, 45 Degree Hook, Cotter Pin Puller
- 10" Overall Length Heat Treated and Tempered Steel with Dominator handle



MH60008 **\$55.01**



Smith & Wesson®



Item #	Name	Description	Price	
Smith & Wesson, and Taylor Brands Pocket Knives				
SWATL	A	SWAT Tactical	4.8" (12.2cm), 3.7" (9.5cm), Stainless Steel Drop Point	\$54.53
SWCK46BT	B	Bullseye Extreme Ops	4.2" Blade Tanto Liner Lock 5.7" overall w/ nylon sheath	\$44.70
SWCKLP	C	Bullseye Little Pal Silver	2.3" Blade Plain blade, stainless handle	\$9.96
SWCKLPB	D	Bullseye Little Pal Black	2.3" Black blade, stainless Black handle	\$9.96
SWCKLPC	E	Bullseye Little Pal	2.3" Blade Urban Camo blade, stainless Urban Camo handle	\$9.96
SWOTF2DB	F	Out the Front Bayonet	Slide button allows spring action and shoots the blade out the front. Blade: 3.0" with Window Breaker	\$54.79
SWSWFRS	G	First Response	3.3" First Response Folder Serrated Drop Point Blade, Seat Belt Cutter, & Window Punch	\$24.79
TBARMY1CS	H	US Army Liner Lock	Linerlock black titanium drop point blade w/ thumb knob & index knob & hard rubberized MARPAT camo handle 3.3" blade, 4.5" handle	\$24.90
TBARMY3BS	I	US Army Tanto	Linerlock black titanium tanto blade w/ thumb hole & steel handle	\$24.90

RADIATOR SERVICE



NEW!

RADIATOR PRESSURE TEST KIT

Designed to fit most domestic & foreign major car brands. Includes pressure testing pump with gauge and hose, thermometer adaptors for testing.

- Use for: Chrysler, Ford, GM, Mitsubishi, Nissan, Mazda, Toyota, Infiniti, Lexus, Honda, Audi, BMW, Mercedes Benz, Jeep, SAAB, Volvo, and VW
- May also work on other brands not listed.

FJ43650 **\$242.19**



NEW!

MASTER RADIATOR ADAPTOR AND CAP PRESSURE TEST KIT

For Use in Testing Radiators and Radiator Caps

- Confirms Radiator and Cooling Systems Leaks
- Test Radiator Caps for Proper Operation
- Includes Adaptors for Late Model GM & Ford
- Use for most brands on car manufacturers

FJ43645 **\$307.02**



NEW!



VACUUM PURGE AND REFILL KIT

- Allows for easy purge & refill of cooling system
- Unit is suitable for domestic and import vehicles
- Set includes: Radiator Cap Quick Coupler, and Coolant Hose Quick Coupler, Universal Rubber Radiator Adaptor and Coolant Hose

AO78586 **\$102.20**



Complete Coolant Exchange in Less Than 15 Minutes



Ships By Truck

COOLANT CLEAN 111

Excellent return on investment. One service per day will pay for the machine in Just a few months!

- System Allows for Both Static and Dynamic Operation
- One Multi-Function Switch Operation
- On-Board Waste Tank has a 28 Quart Capacity
- Unique Vacuum Switch Allows for Cooling System Depressurization
- Easy Service Filter
- Industrial grade radiator hoses & adapters included Dual pump operation

MTV500-5100 **\$3,729.29**



EZ RED ANTIFREEZE HYDROMETER

- Range From +32(F) To-60(F)

EZS102 **\$10.00**



Universal Design Fits Most Automotive Radiators and Expansion Tanks

UNIVERSAL RADIATOR ADAPTOR

- Universal design fits most automotive radiators and expansion tanks
- Inlet fits standard adapter available on all brands of pressure testers

MYMV4506 **\$51.79**



TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

Best Seller

GREAT BIG HOOKER JR

- 11" overall length with 6" exposed shaft.

TA13840 **\$12.00**



Best Seller

Handles Standard & Space Saver Clamps up to 2-3/32"

CATS PAW HOSE CLAMP PLIER

- Solid, One Piece Construction!
- Handles Standard & Space Saver Clamps up to 2-3/32"
- Locking Device For Control & Comfort!

MH45650 **\$57.98**



CABLE HOSE CLAMP PLIERS

- Allows technician to access the flat-type hose clamps located in hard-to-reach areas.
- Pliers has locking mechanism to hold clamp in the open position.
- Heavy-duty 24" cable flexes to almost any position. Pliers is spring loaded to the open

OT4525 **\$53.25**



OT4525



NEW!

LOCK AND HOLD 14" FLEXIBLE DRIVER SET

- Fits the most common hose clamp sizes including 1/4", 7mm, and 5/16"
- Securely locks and holds clamps in place to prevent them from spinning around the hose

SRRLHD454 **\$94.19**



TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

HOSE CLAMP PLIERS SET

- Jaws rotate to access at any angle
- Ratcheting locking mechanism.

TA19750 **\$23.16**



Soft Hose Pinching Pliers

Used to pinch rubber hoses to stop flow of liquids. Popular for use on radiator and heater hoses, water, air, vacuum and fuel lines.



KD3791 3/4" **\$15.14**

KD3792 1-1/4" **\$26.29**

KD3793 2-1/2" **\$42.13**



Soft Steel Hose Pinching Pliers

Pliers Have Comfort Grip Rubber Handles and are Self Locking for Secure Clamp Offs

SK7601 0.75 **\$18.91**

SK7602 1.25 **\$27.77**

SK7603 2.5" **\$51.18**



OVER THE HOSE CLAMP REMOVER

Hose clamp pliers reaches around the hose to encapsulate clamp compressing tips.

- Tool allows the mechanic to easily rotate the clamp to a position where it can be easily accessed for removal using this tool.

LT998 **\$21.49**



THEXTON

HEATER CORE BACKFLUSH TOOL

- Fits 1/2", 5/8", & 3/4" heater hoses.
- Saves costly replacement of even most stubbornly clogged heater cores.
- Basic garden hose hook-up cleans cooling systems & heater cores without disassembly.

TX356 **\$47.30**



22-GALLON PORTABLE POLY ANTIFREEZE DRAIN

- Designed for the high-volume automotive service facility.
- 16" deep-drawn, offset steel funnel with expanded metal screen.
- 3" swivel casters and 10" fixed wheels
- Pop-up fluid level indicator, includes gravity drain valve. Built-in filter drain

JDI-22DCAF **\$609.05**



RADIATOR SERVICE



UNIVERSAL RADIATOR PRESSURE TESTER & VACUUM TYPE COLLING SYSTEM KIT

- Unit is suitable for domestic and import vehicles
- Color coded radiator test caps make it easy to choose the suitable test cap for the job
- Special design of vacuum purge & refill tool connection fits nearly all type of radiator opening
- 17 pcs, uncluding universal adaptor and Test Caps for testing cooling systems on most domestic and import vehicles

AO78585 **\$346.44**



Designed to Fit Most Major Car Brands

UNIVERSAL RADIATOR PRESSURE TESTER

- Fits for most domestic and foreign vehicles,
- Includes pressure testing pump with gauge and hose, thermometer, 4 chromed steel cap adapters, and 8 anodized aluminum cap adapters. Also includes a quick-connect adapter to allow use with other cap adapters available on the market

AO7858 **\$213.48**



AIR LIFT II RADIATOR REFILL TOOL

- Allows technician to quickly refill the cooling system and eliminate air locks that cause overheating. Connects to shop air supply
- Made of composite plastic

UV550500 **\$114.04**



GAS AND DIESEL COMBUSTION LEAK TESTING KIT

- Confirms if the engine head is cracked by diagnosing radiator gases
- Dual Chamber filters out alkaline particles that may cause false positive
- Universal test solution for gas and diesel stock just one chemical
- C/W 16 ounce test fluid good for 16 applications.

UV560000 **\$70.02**

THEXTON

ANTIFREEZE TESTER

- Large Professional Size 16 1/4

TX106 **\$18.26**



AHFZ128	A	Nissan, Eagle, Mazda Cooling System Adaptor	\$51.16
AHFZ138	B	Dodge, Toyota, Mitsubishi Cooling System Adaptor	\$51.16
AHFZ148	C	2000 Toyota Tundra, Celica GT-S, MR2 Spider.	\$39.41
AHFZ22	D	VW, Audi cooling sys adaptor	\$34.51
AHFZ25	E	Volvo, Jeep, Saab, Sterling Adapt	\$34.51
AHFZ29	F	Small Asian Cap Tester	\$13.74
AHFZ35A	G	GM & Ford 94 up sprt/SUV	\$49.19
AHFZ37	H	Tank adapter Ford newer vech	\$49.19
AHFZ41	I	1996-2008 Audi A4; 1993-2008 Audi A6, VW Passat, and new Beetle; 1999 VW Golf and Jetta	\$49.19
AHFZ47	J	Applicable 2004 and newer Mazda 3, and Vovo S40 series.	\$49.08
AHFZ55	K	Tank Adapter for Dodge Sprinter Van Applicable to 2007-2008 Dodge Sprinter Van	\$48.79
AHFZ1002	L	European Set. Includes AHFZ 22, AHFZ 25, AHBMW350, AHFZ41, AHFZBMW345, AHFZM0349	\$276.59



COOLING SYSTEM PRESSURE TEST KIT

- Inflatable bladder attaches to radiator or header tank for universal system testing.
- Fits bayonet and threaded filler necks on radiators or header tanks.
- Fluid drain tube allows coolant to be returned to the coolant reservoir
- Complete with 4 double ended adapters for testing 8 different radiator cap types.
- Suits neck diameter up to 45 mm

PB70888 **\$153.67**



AIR LIFT SYSTEM

- Allows technician to quickly refill the cooling system and eliminate air locks that cause overheating. Connects to shop air supply
- Brass manifold

UV550000 **\$176.92**



COOLANT VACUUM KIT

- Uses Shop Air to Evacuate & Leak Test an Auto's Cooling System
- Use to Refill Coolant in Minutes

FJ43610 **\$91.58**

STANT



RADIATOR PRESSURE TESTER KIT

- Operates to 30 psi for new high pressure cooling systems in Audi, BMW, Mercedes, Volkswagen, and other late model cars

SN12270 **\$106.56**



SPILL FREE FUNNEL W/ THREADED CAP

- Spill-Free™ Radiator Funnel Saves Time! Eliminates Spills and Mess.

LS24610 **\$28.35**

SPARK PLUG REPAIR AND ENGINE SERVICE

5.4 Spark Plug Repair



5.4 SPARK PLUG PORCELAIN EXTRACTOR

• The New Ford Spark Plug Porcelain extractor works to remove broke porcelain from Ford 5.4L engines Allows user to adhere extractor to porcelain and remove from the frozen stainless steel sleeve

ET39200 \$22.42



FORD SPARK PLUG REMOVAL KIT

• This tool kit is needed for the removal of sparks plugs that break off in the cylinder head during removal on 5.4L Ford engines

ET391 \$66.18



FORD SPARK PLUG INSTALLER KIT

• Used to repair damaged heads from blown spark plugs with an alloy steel insert.
• Saves time, increases profit for the shop.
Repair time could be as low as 20 minutes

ET38900 \$358.97



FORD TRITON 3-VALVE INSERT INSTALLER KIT

Designed to aid in the repair of a common problem in the Ford Triton family of motors.

• This kit will speed repair of damaged threads or blowouts in 30 minutes or less per cylinder.
• Needed for 3-valve 5.4 L and 6.8 L engines built before October and November 2007 and 3-valve 4.6 L engines built before found in 2004-2008 Ford, Lincoln and Mercury.

CV39300 \$255.77



5.4L BROKEN PLUG REMOVER

• This tool set removes the broken spark plug from 2004 and up Triton 3 valve per cylinder engines.

LS65600 \$98.79

HeliCoil Thread Repair and Replacement



Inch Coarse Master Set to repair 1/4"-20" x .375 Length, Thread Size 5/16"-18" x .469 Length, Thread Size 3/8"-16" x .562 Length, Thread Size 7/16"-14" x .656 Length, Thread Size 1/2"-13" x .750 Length and Installation Tools (one Per Size), and 4 Drill Bits (One Per Size).

HC5621 \$186.95

Inch Fine Master Set to repair 10-32 x .285 Length, Thread Size 1/4"-28" x .375 Length, Thread Size 5/16"-24" x .469 Length, Thread Size 3/8"-24" x .562 Length, Thread Size 7/16"-20" x .656 Length, Thread Size 1/2"-20" x .750 Length, and Installation Tools (one Per Size), and Installation Tools (one Per Size), and 4 Drill Bits (One Per Size).

HC5625 \$271.06

Metric Fine Master Set to repair: M5x0.8 x 7.5mm Length, M6x1 x 9.0mm Length, M8x1.25 x 12.0mm Length, M10x1.25 x 15.0mm Length, and Installation Tools (one Per Size), and 4 Drill Bits (One Per Size).

HC5626-125 \$188.57

Metric Coarse to repair M5x0.8 x 7.5mm Length, M6x1 x 9.0mm Length, M8x1.25 x 12.0mm Length, M10x1.5 x 15.0mm Length, and 4 Taps (One Per Size), and Installation Tools (one Per Size), and 4 Drill Bits (One Per Size).

HC5626-150 \$158.93



HC1130

HEAD BOLT REPAIR KIT

Typically used in Cadillac, Honda, Toyota & other import vehicles

• Use on sizes 11mm x 1.5mm
• Kit includes:- High speed drill bit, High speed steel tap, Installation tool, 12 stainless steel inserts.

HC1130 \$286.39

OXYGEN SENSOR THREAD REPAIR KIT

• Piloted reamer - no drilling necessary to assure perfect alignment of the new tapped hole

HC4833 \$133.50



DEEP HOLE ALUMINUM HEAD M14X1.25 SPARK PLUG HOLE REPAIR KIT

• Replaces stripped spark plug threads on aluminum heads with 14mm spark plugs.
Installs a new spark plug thread insert in original thread location.

LS65000 \$110.65

HeliCoil



With Heli-Coil threads, tapped holes are strengthened and thread life is dramatically increased even after repeated assembly and disassembly.

Item #	Size	Thread	Price
HC5521-1	12-24	Coarse	\$33.65
HC5521-10	5/8"-11	Coarse	\$56.97
HC5521-12	3/4"-10	Coarse	\$72.46
HC5521-14	7/8"-9	Coarse	\$169.14
HC5521-16	1"-8	Coarse	\$195.69
HC5521-2	8"-32	Coarse	\$33.65
HC5521-3	10"-24	Coarse	\$31.58
HC5521-4	1/4"-20	Coarse	\$24.66
HC5521-5	5/16"-18	Coarse	\$24.66
HC5521-6	3/8"-16	Coarse	\$24.66
HC5521-7	7/16"-14	Coarse	\$26.57
HC5521-8	1/2"-13	Coarse	\$32.29
HC5521-9	9/16"-12	Coarse	\$56.97
HC5523-12	12 x 1.25	Spark	\$124.75
HC5523-14	14 x 1.25	Spark	\$151.91
HC5523-18	18 x 1.5	Spark	\$166.24
HC5528-10	5/8"-18	Fine	\$64.70
HC5528-12	3/4"-16	Fine	\$80.26
HC5528-3	10"-32	Fine	\$38.92
HC5528-4	1/4"-28	Fine	\$38.92
HC5528-5	5/16"-24	Fine	\$38.92
HC5528-6	3/8"-24	Fine	\$38.92
HC5528-7	7/16"-20	Fine	\$38.92
HC5528-8	1/2"-20	Fine	\$43.23
HC5528-9	9/16"-18	Fine	\$64.70
HC5542-10	10MM -1	Fine	\$64.70
HC5543-10	10MM -1.25	Fine	\$52.31
HC5543-11	11MM -1.25	Fine	\$57.82
HC5543-12	12MM -1.25	Fine	\$61.74
HC5544-12	12MM-1.5	Fine	\$72.95
HC5544-14	14MM-1.5	Fine	\$82.79
HC5546-16	16mm-2	Fine	\$82.79
HC5546-10	10MM-1.5	Coarse	\$39.74
HC5546-11	11MMX1.5	Coarse	\$46.04
HC5546-12	12MM-1.75	Coarse	\$49.14
HC5546-14	14MM-2	Coarse	\$75.05
HC5546-18	18MM-2.5	Coarse	\$87.10
HC5546-3	3MM-0.5	Coarse	\$73.27
HC5546-4	4MM-0.7	Coarse	\$42.68
HC5546-5	5MM-0.8	Coarse	\$35.67
HC5546-6	6MM -1	Coarse	\$34.51
HC5546-7	7MM-1	Coarse	\$40.07
HC5546-8	8MM-1.25	Coarse	\$32.42
HC5546-9	9MM-1.25	Coarse	\$39.74

TRANSMISSION, AND FUEL LINE SERVICE

OTC



NEW!

6.0L FORD GLOW PLUG TOOL

- Safely remove and install the glow plug harness on 2004 and newer Ford 6.0L Diesel engines.

OT6768

\$32.15

OTC



FORD 6.0L DIESEL IPR CONTROLLER

- Use when a hard start or no start condition exists
- Tool allows a technician to close the Injector Pressure Regulator in order to determine if proper injector control pressure is achieved and sustained for the starting process.

OT6764

\$78.86

OTC



FORD 6.0L FUEL HIGH PRESSURE TEST ADAPTER SET

- High Pressure Fuel Rail Adapters are required to connect to the vehicle's fuel lines on different style 6.0 Ford systems since there was a change in 2004

OT6763

\$42.55

OTC



FORD 6.0L INJECTOR HARNESS CONNECTOR RELEASE TOOL

- Required for removal of the vehicle's injector wiring harness without causing damage to the component.

OT6766

\$42.55

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



QUICK COUPLER FUEL INJECTION TESTER

- Can easily be expanded to provide additional coverage using Tool Aid's quick coupler adapters to create a custom kit.
- Includes Cat. No. 53908, Large Schrader Valve Test Adapter for GM and Chrysler.
- 2-1/2 In diameter gage with dual scale and hang-up hook measures 100 PDI and 7 BAR.

TA53770

\$54.24

Lisle



IPR FORD DIESEL SOCKET

- Used to remove and replace the Injector Pressure Regulator (IPR) on Ford 6.0L and other diesel engines.
- Use with 3/8" drive.
- Ford 6.0L and other diesel engines.

LS68210

\$28.35

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



TRANSMISSION AND ENGINE OIL PRESSURE TESTER KIT

- Check oil pressure in automatic transmissions and engines.
- Adapters provide coverage of most domestic and imported cars and light trucks including late models.
- Includes 6' of oil proof hose and 10 assorted fittings.

TA34580

\$95.41

Lisle

NEW!



COMPACT FUEL LOCK RING TOOL

- Remove and Install Plastic Fuel Tank Lock Rings from 4" to 7-1/4" Without Damage.
- Works on the new smaller GM serrated rings and traditional rings.

LS63000

\$42.53

Lisle

NEW!



FUEL LINE RETAINING CLIP TOOL SET

Compact Tool Design Fits Tight Spaces.

- Two sizes, 3/8" and 5/16" are designed to release the nylon retaining clip used on the fuel lines of newer GM and Chrysler vehicles with electric fuel pumps.

LS39160

\$9.43

Cal-Van
TOOLS



QUICK CONNECT FUEL LINE DISCONNECT SET

- Low profile design also allows the user to pry off trouble connectors.
- Opening is 3/4" and tapers down to 1/8" for multi size use

ET230TNZ

\$20.88

Cal-Van
TOOLS



HEATER HOSE DISCONNECT SET

- 40 degree offset to help work around obstructions. Sizes 5/8" to 1".

ET244TNZ

\$31.82

TOOLS
SCHLEY PRODUCTS INC.



VOLVO FUEL PUMP SOCKET

- Designed to remove the left and right fuel pump retaining nuts on all late model Volvos.
- This tool also gives easy access to the XC90's left tank unit retaining nut without removing the large frame under the seat bottom
- Fits on: S80 1999 & later All 2001 & later

SL69800

\$48.31

LI
TOOLS

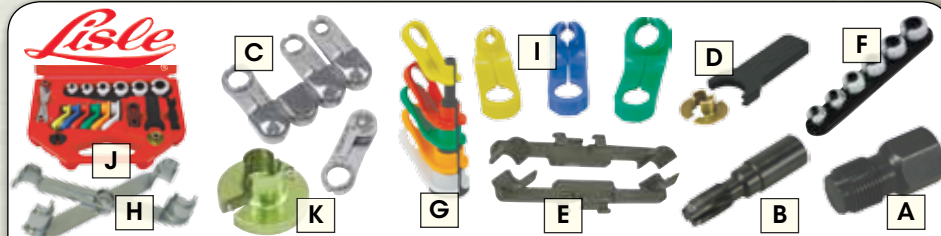


GAS TANK FUEL PUMP REMOVAL TOOL

- Removes plastic fuel pump retaining rings.
- Versital adjustable design fits most plastic retaining rings.

LT940

\$24.68



LS12230	A	Oxygen Sensor Thread Chaser, Size: M18x1.5	\$5.65
LS20020	B	Limited Access Spark Plug Chaser, Size: M14x1.25, 3/8" Drive	\$6.59
LS22710	C	Disconnect Set For Jiffy-Tite, 22720 3/8" Jiffy-tite Disconnect, 22730 1/2", 22740 5/8" 39%, 22750 5/8" 30%	\$81.32
LS35000	D	GM 5.3L Flex Fuel Filter Disconnect	\$14.64
LS37500	E	GM Fuel Module Disconnect, 98 and later full size pickups	\$6.59
LS37000	F	AC/Fuel Line Disconnect Tool	\$9.10
LS39400	G	6 Piece Angled Disconnect Tool Set, Six sizes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"	\$17.34
LS39660	H	Transmission Oil Cooler Line Scissors 3/8" x 1/2"	\$11.32
LS39890	I	3 Piece Angled Fuel Disconnect Set, 3/8", 5/16", 5/8"	\$7.54
LS39900	J	Master Line Disconnect Set	\$55.38
LS39210	K	Main Fuel Line Disconnect For Nissan and Toyota	\$18.90

FUEL INJECTION AND ENGINE SPECIALTY TOOLS

MOTORVAC

Complete, professional fuel injection cleaning and engine decarbonizing service. Built in diagnostic capabilities. Utilizes MotorVac's proprietary CarbonClean chemistry

Ships By Truck

NEW CARBON CLEAN MACHINE

Fuel System Cleaning and Decarbonizing Service

- Unique adapters make it easy to hook up to vehicle's fuel rail, saving time and money.
- An easy to use online application guide provides visual, step by step instructions on how to attach to thousands of vehicles quickly & easily.
- Features built in diagnostic capabilities, including fuel pump performance testing.
- Uses MotorVac MV-5: Maximum Strength Fuel System Cleaner and Engine Decarbonizer # MTV400-0050

MTV500-0220

\$1,479.29

DETERGENT CONCENTRATED FUEL CLEANER

- Exclusive Hydrobond Technology uses proprietary chemistry to "steam clean" combustion chamber deposits.

MTV400-0050

\$16.73

SUR&R

FUEL INJECTION PRESSURE TEST KIT

- Accurately diagnose fuel delivery problems with this advanced tester including faulty fuel pumps, pressure regulators, fuel lines, check valves, and fuel filters.

SRRFPT22

\$321.31

SUR&R

UNIVERSAL FUEL INJECTION CLEANER ADAPTER KIT

- Universal to almost all fuel injection test systems in today's shops
- Convenient adapter kit now allows you to easily connect to most name brand diagnostic test sets

SRRFC440

\$182.50

SUR&R

Labor Saver

FUEL LINE REPAIR AND REPLACEMENT KIT

- This fuel line repair kit will save time and labor, while increasing profits. Save up to 75% off installation time. Convenient push button thumb release makes connections quick and easy. Nylon lines are flexible. No more difficulty handling rigid steel lines.

SRRK1200

\$216.60

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

Includes Application Chart

QUICK COUPLER MASTER FUEL INJECTION PRESSURE TEST KIT

- 4 foot hose provides more mobility
- Bleed off valve with 6' of translucent hose safely depressurizes system after completion of testing.
- Includes two gages with dual ranges: 1-100 PSI (0-7 BAR) and 0-50 PSI (0-3.5 BAR).
- Bleed off valve with 6' of translucent hose safely depressurizes system after completion of testing.

TA58000

\$354.70

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

QUICK COUPLER DESIGN FUEL TESTER

- Includes 2 Gages
- Tests Ford, GM and Chrysler vehicles with multi-port and some TBI
- In plastic storage case

TA53980

\$123.90

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

FUEL INJECTION PRESSURE TESTER

- 2 Gages and Quick Coupler
- Tests Ford, GM, Chrysler and Ford vehicles with multi-port and some TBI.

TA53950

\$114.85

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

MULTI-PORT FUEL INJECTION PRESSURE TESTER SYSTEM

- For domestic and foreign vehicles
- In storage case with quick couplers.

TA56250

\$180.88

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

IN-LINE IGNITION SPARK CHECKER

- Visually check condition of each cylinder

TA23900

\$6.46

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

UNIVERSAL COMPRESSION TESTER FOR GASOLINE ENGINES

- Adapters fit 14 & 18mm plugs. Gage range 0-300 psi & 0-21 bar.

TA34000

\$59.30

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

IN-LINE SPARK CHECKER KIT FOR RECESSED PLUGS

- A must for testing newer vehicles with recessed spark plugs
- Troubleshoots virtually all domestic and import cars, SUV's & trucks
- Provides information not available with OBD II code reading devices
- Shows a duplicate view of the ignition spark

TA23970

\$19.08

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

Quickly diagnose "no start" and engine misses conditions in the electrical fuel injection and spark plug circuits.

IN-LINE RECESSED SPARK CHECKER IAC AND NOID LIGHT KIT

- Use to test spark plug circuits, electronic fuel injection signals and idle air control circuits. Includes the recessed in line spark testing apparatus:
- 8 Noid Lights for checking GM PFI, Ford TBI, GEO TBI, BOSCH PFI, GM TBI, GM SCPI, BOSCH 2 and GM MULTEC 2
- 2 IAC Test Lights for straight and 90° applications

TA36350

\$63.28

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

Super Value

IGNITION SPARK TESTER KIT

- Quickly diagnose electrical fuel injection, IAC and spark plug circuits

TA36330

\$50.56

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

EXHAUST BACK PRESSURE TESTER

- Threads into the Oxygen Sensor Port.
- Kit includes 41" hose and 12MM and 18MM adapters to fit most domestic and imported vehicles.

TA33600

\$53.27

FUEL INJECTION, SPECIALTY CAM ALIGNMENT AND ENGINE TOOLS



MINI COOPER ENGINE ALIGNMENT TOOL SET

- Makes an impossible job possible by using the right tools
- Used on the N14 Turbocharged engines, most cars 2009 and newer

AHMC1400 **\$289.11**



V6 VW AUDI CAM HOLDING TOOL 3.2L

- 2 Cam Lock Clamps Used for locking camshafts when setting valve timing.
- Audi: 3.2L V6 4v (BKH), 4.2L V8 4v (BAR, BNS, BVJ, BYH and CAUA) and 5.2L V10 4v (BXA and BSM)
 - VW: 2.5L I5 (BGP, BGQ, BPR, BPS, CBTA and CBUA)
 - Order T40069 locking pins to aid in this repair

AHT40070 **\$212.84**



BMW ENGINE TIMING TOOL SET

- Used to Set Timing on Cams of Both Cylinder Heads
- Includes Hold Down Tool for Cam Fixtures
 - Crankshaft Timing Pin Included
 - Applicable to: N62 and N73 Engines

AHBMW6208 **\$297.46**



TIMING BELT TOOL SET FOR VW TDI.

- Used for setting & adjusting the cam/crank/pump timing on 1999-2008 VW TDI engines.
- Kit contains the #3359 TDI, Lock Pin, #3428 New Style TDI Cam Lock Bar, #H 2587-1 & #H 2587-2 Timing Belt Tensioner Spanner Wrenches, #T 10115 Tensioner Lock Pins, #T 10050 Crankshaft Stop & the #T 10100 Oval Pulley Crankshaft Stop.

AH680TDI **\$290.13**



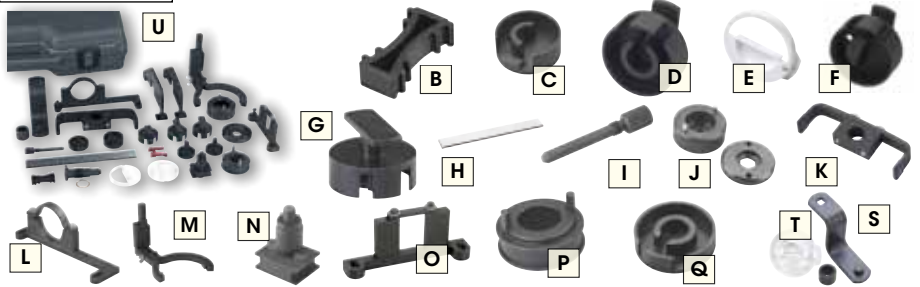
FORD MAZDA 2.3L TIMING SET

- Ford/Mazda Timing Kit used on the 2.3L Non-Turbo engines.
- Comparable to factory tool numbers 303-507 (Crank pin) and 303-465 (Cam bar)
- Applicable to: Mazda: 3 (2004-2009), 5 (2006-2010) and 6 (2003-2008), Ford: Escape (2005-2008), Focus (2003-2007) and Fusion (2006-2009)

AHFM2300 **\$42.86**



Cam Tools



OT6468	B	2.0L Cam Pulley Holding Tool For Probe	\$18.64
OT6469	C	Bird, Cougar, Mustang, Mountaineer	\$42.55
OT6470	D	3.8, 5.0L Sensor Sync Tool Explorer, Mustang, Windstar, Mountaineer	\$42.55
OT6471	E	3.0L Cam Sensor Synchronizing Tool Taurus, Sable	\$17.63
OT6472	F	3.0, 4.0L Sensor Synchronizing Tool Explorer, Ranger, Tarus, Windstar, Saab	\$32.15
OT6473	G	3.0L Sensor Synchronizing Tool Ranger, Tarus, Windstar, Sable	\$48.77
OT6474	H	2.0L Cam Alignment Tool Contour, Mystique	\$18.64
OT6475	I	2.0L Crank Tdc Timing Pin Contour, Mystique	\$18.64
OT6476	J	4.6, 5.4, 6.8L Positioning Tool Vans, Expedition, F Series Trucks	\$48.77
OT6477	K	5.4, 6.8L Holding Tool Vans, Expedition, F Series Trucks, Navigator	\$63.32
OT6478	L	4.0L Cam Gear Holding Tool Explorer, Mountaineer	\$76.79
OT6479	M	4.0L Crankshaft Holding Tool Explorer, Mountaineer	\$94.46
OT6480	N	4.0L Cam Holding Adapter Explorer, Mountaineer	\$48.77
OT6481	O	4.0L Cam Holding Tool Explorer, Mountaineer	\$48.77
OT6482	P	4.0L Cam Gear Holding Adapter Explorer, Mountaineer	\$42.55
OT6483	Q	4.0L Cam Sensor Synchronizing Tool Explorer, Mountaineer	\$42.55
OT6485	S	4.0L Gear Bolt Skt & Extension Explorer, Mountaineer	\$39.41
OT6467	T	3.8L Cam Sensor Sync Tool For Ford Mustang, T Bird Cougar Windstar	\$25.93
OT6489	U	Ford Master Cam Tool Kit	\$513.09



DIESEL ENGINE COMPRESSION TESTER SET

- Consists of five of the most popular diesel adapters for Audi, small Cummins, Ford/International, GM, Mercedes Benz, Volkswagen and Volvo.
- Optional adapters available for other applications

TA34900 **\$164.59**



PROFESSIONAL COMPRESSION TESTER KIT

- Full coverage kit, automotive, industrial, marine, and small engines. cylinders and valve train damage.
- 6.5" 14mm short thread hose, 12" 14mm short thread hose, 12" 14mm long thread hose, 12" 18mm short thread hose.
- 14mm female, and 18mm long reach adapters.
- Small engine/Motorcycle adapters - 10mm & 12mm. Air hold quick connector adapter

MY5530 **\$85.13**



COP QUICK PROBE KV TESTER

- The fastest way to verify the firing of a Coil Over Plug ignition coil and spark plug.
- Eliminates the need for back-probing coil wires
 - Variable sensitivity (VS) for greater diagnostic accuracy Super Bright LED kV Strobe and Green LED Arc Indicator

WA76562 **\$139.58**



UNIVERSAL ELECTRONIC QUICK PROBE

- Probe is specifically designed to detect the vibrations emitted when the injector fires.
- Adjustable sensitivity using the thumb-wheel
- Bright LED strobe will flash each time the injector opens and closes

WA76462 **\$139.58**

IMPORT SPECIALTY PULLERS AND CAM TOOLS



MASTER IN LINE DOWEL PIN PULLER

Master Set includes both SAE and Metric Collets

- Extracts Dowels without the use of a slide hammer.
- Can be used with air ratchet, or traditional ratchet.
- SAE sizes includes 3/16, 1/4, 5/16, 3/8, and 1/2
- Metric sizes Includes 4, 5, 6, 8, 10, and 12MM

CV95400 **\$213.12**



HEAVY DUTY SINGLE PRESSURE BEAM BEARING SPLITTER

- Push Puller is thread matched to the splitter.
- Interchangeable legs shorten or lengthen the range of pull.
- For use on most bushing or bearing jobs up to 4" in diameter.

OT4526 **\$244.21**



BLIND HOLE BEARING PULLER SET

- For pulling jobs requiring an internal pull, such as pilot bearings.
- Four collet sizes: 7/16" to 1/2", 9/16" to 11/16", 5/8" to 1", 1" to 1-1/4".

OT4581 **\$193.81**



7 TON - MULTI-PURPOSE BEARING AND PULLEY PULLER KIT

- Wide Spread Crossbar with 3 pin-hole; 7-1/4" to 9"
- 2 pair of long reach jaws gives user reach options of 5-1/2" and 9-1/2"
- 2 long reach forcing screws (live center) for pushes of 4-1/2" to 10-1/2"

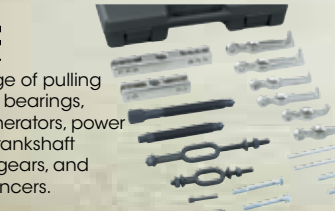
OT4532 **\$224.82**



5-TON BAR-TYPE PULLER-BEARING SEPARATOR SET

- Includes two popular bearing "splitters" (2" and 3"), four sets of hex push-puller legs and a bar-type puller head with a 9/16" forcing screw
- 5" puller cross-bar with a 6-1/4" forcing screw

OT4518 **\$120.06**



MULTIPURPOSE BEARING & PULLER SET

- Spread: 3" to 5", Reach: 1" to 2-1/4"

OT4534 **\$203.51**



MASTER BOLT GRIP PULLER KIT

Includes:

- One heavy duty, forged, three way puller flange
- Two different length live center forcing screws
- Four live center adapters
- Eleven sets of heavy duty, washer head, hardened steel bolts
- One special set of shoulder bolts for the 3300 /3800 GM V6

OT7793 **\$207.65**



REAR AXLE BEARING PULLER SET

- Set contains slide hammer and popular attachments needed for servicing flange type floating rear axle bearing and seals
- 7495A fits min. bearing tube I.D. of 1" and max axle tube I.D. of 1-7/8". 7496A fits min. bearing tube I.D. of 1-5/16" and max axle

OT6540 **\$222.89**

BEARING SPLITTER PULLER SET

- Push Puller is thread matched to the splitter.
- Interchangeable legs shorten or lengthen the range of pull.
- Designed of high quality tool grade materials for a lifetime of use.
- For use on most bushing or bearing jobs up to 3" in diameter.

OT4527 **\$147.28**



SLIDE HAMMER SET

- Two- and three-way cross blocks and cone provide the perfect jaw configuration
- Set also includes a grip wrench adapter and a dent puller attachment for sheet metal or other unique pulling requirements.

OT4579 **\$118.48**



BMW V8 CAM ALIGNMENT TOOL

Comparable to BMW tool number 112440.

- Applicable for M60, M62, M62TU and V8 motors 1994-2003.
- Includes 4 blocks (2 for each side) and 2 locking fixtures for setting camshaft timing.

AHBMW480 **\$427.55**



VW & AUDI TIMING BELT TENSIONER RELEASE TOOL

- Compress the hydraulic timing belt tensioner when servicing the water pump without the need to reset the timing as the engine is held at TDC
- This tool works on: 1.8L turbo 1996-2006 VW Golf, Jetta and new Beetle Audi TT & A4

SL67650 **\$70.17**



VW/AUDI CAM TOOL FIX

CAMSHAFT ALIGNMENT FIXTURE

- Camshaft alignment fixture used to hold and align the camshafts.
- Applicable: Audi 3.0L V6 (5V), used in 2002-2005 Audi A4 and 2002-2004 Audi A6. Used in conjunction with tools T 40011, T 40026, and T 40028.

AHT40030 **\$277.85**

VW-AUDI CAMSHAFT LOCKING TOOL

- Camshaft Locking Tool for the 2006-2008 VW/Audi 2.0L Turbo Engines (BPY).
- Used in conjunction with: AHT40080, AHT10115 & AHT2587-2.

AHT10252 **\$126.48**

3 PIECE LOCKING PIN SET

- 3 Piece locking pin set used to lock the timing belt tensioner while relieving pressure from the belt.
- Applicable: VW/Audi 3.0L V6 (5V), some 1.8L 4 Cyl (5V) turbo and 4.2L V8 5V with timing belt.

AHT40011 **\$19.01**

CAMSHAFT ADJUSTING SOCKET

- Camshaft Adjusting Socket used to adjust variable valve timing on the exhaust side camshaft to basic position.
- Applicable: Audi 3.0L V6 (5V). Used in conjunction with tools T 40011, T 40026, and T 40030.

AHT40028 **\$51.43**

CRANK LOCK PIN

- Crank Lock Pin used to lock the crankshaft at TDC position when replacing the timing belt. Applicable: Audi 3.0L V6 (5V). Used in conjunction with tools T 40011, T 40028, and T 40030.

AHT40026 **\$47.98**

AUDI 3.0 LITER TIMING TOOL SET

- Do the job like the dealer
- Applicable: Audi 3.0L V6 5V, used in 2002-2005 Audi A4 & 2002-2004 Audi A6.

AHT4306 **\$408.41**

CAMSHAFT PULLEY HOLDER KIT

- Fits belt-driven 4, 6 and 8 cylinder Toyotas & VW/Audi 1.8L, 2.0L turbo, 2.0L BBW, 2.5L, 3.2L & Comes w/ 3 sets of interchangeable pins.
- Overall length 18". 12" Spread between pins at tip of arms, when pivot arm is at 90°.
- GM Pins sold separate (7200-4)

AH7200 **\$160.09**

CAMSHAFT ALIGNMENT TOOL FOR AUDI 40V V-8

- Used to hold both camshafts at TDC position while replacing the timing belt. Used in with #3242.
- Applicable: Audi/VW with 40v V8 (5v per cylinder) with timing belt.

AHT40005 **\$150.34**

HARMONIC STEERING AND ENGINE PULLEY TOOLS



HARMONIC BALANCER REMOVER INSTALLER SET

- For easy removal of most harmonic balancers and drive pulleys which are press-fitted onto the crank-shaft.
- Adapter sizes included: M16 x 2.0, M14 x 1.5, M12 x 1.5, 1/2"-20, 7/16"-20, 3/4"-16, 5/8"-18, and 9/16"-18.

OT4531

\$137.21



22 PIECE ALTERNATOR DECOUPLER KIT

- Used to install and or remove Alternator Decoupler Pulleys
- The tool can be used on products produced by all of the major ADP manufacturers, such as INA, Gates and Lifens.

CV750

\$108.29



ALTERNATOR PULLEY SERVICE KIT

- These tools hold the alternator shaft still so the pulley can be removed or installed.
- Kit includes: Decoupler tool assembly, 17 mm hex drive and Allen wrench, 110 mm socket extension, 28 mm / 21 mm and 28 mm / 18 mm hex cap nut drivers, 22 mm hex cap nut driver

OT6617

\$78.86



POWER STEERING PUMP PULLEY KIT

- A complete set of tools required to remove and install power steering pump pulleys of most domestic vehicles.
- Fits pulley hubs with diameters of 1- 1/8", 1-1/4", 1- 5/16" and 1-3/8".
- Includes the necessary adapters for servicing: GM 3.1 L, 3100, 3400, and 3800 V6 engines, GM 2.3L Quad 4 four-cylinder engines and Ford 4.6L, 5.4L, and 5.8L modular V8 engines.

OT4530

\$58.11



MASTER FLANGE-TYPE PULLER SET

- Versatile puller capable of removing a wide variety of components having tapped pulling holes, including harmonic balancers, gears, crankshaft pulleys, etc.
- Capable of handling 2- or 3-way bolt pulling applications.

OT7790

\$144.31



MASTER BOLT PULLER SET

- Covers almost every car, pick-up, & SUV
- Use for: harmonic balancers, steering wheels, crankshaft pulleys, and gears.

OT6294

\$154.77



MASTER HARMONIC BALANCER PULLER KIT

- Remove the harmonic damper pulleys found on many Chrysler and G.M. engines.
- Eliminates the time consuming process of removing the radiator or other components.
- 4.2L Straight 6 cyl, 3.5L Straight 5 cyl., 2.8L Straight 4 Cyl. And more

SL64900

\$122.48



GM/CHRYSLER/MISUBISHI HARMONIC DAMPER PULLEY PULLER

- Use on the following: GM 2000 Generation III 4.8L, 5.3L, 5.7L 6.0L, and 8.1L V8s.

Also works on Cadillac 4.5, 4.6, and 4.9L V8s beginning in 1988. Chevrolet trucks 2003-later 4.2L I6, 2004-current 3.5L I5 and 2005-current 2.8L I4.

OT6667

\$103.80



MASTER POWER STEERING PULLEY PULLER KIT

- Remove & install press-on type belt-driven accessory pulleys.
- Unique interchangeable components remove and install pulleys on GM Quad 4, GM 3.1L, and Ford 4.6L engines.

KS5238

\$106.26



3.4L TOYOTA HARMONIC DAMPER PULLERY HOLDER

- This tool works on the following trucks and SUV's. 4 Runner 1996-2002
- T100 pickup 1996-1998. Tacoma pickup 1996-2004. Tundra pickup 2000-2004

SL64400

\$85.93



HARMONIC BALANCER PULLER SET

- Designed for use on harmonic balancers, crankshaft pulleys, steering wheels and gear pulleys
- Can be used on tapped flywheels of electric or two-cycle motors

AO7846

\$62.99



MULTI USE PULLER KIT

- Master Bolt Grip Kit works on harmonic balancers, steering wheels, crankshaft pulleys, and gears. Capable of handling almost every two or three-way bolt pull possible on most cars, pickups, SUVs, and small engines.

KD41600

\$60.04



PULLEY PULLER AND INSTALLER SET

- Remove pressed-on alternator and power steering pulleys.
- Will not work on 3.3L and 3.5L Chrysler engines
- Puller Pin for Quad 4, Screw Installer for Quad 4, Puller Pin for GM 3.1, Screw Installer for Ford 4.6 and Screw Installer for All Others.

KD2897

\$67.59



HONDA ACURA CRANKSHAFT HOLDING

- Holds crankshaft in place allowing for removal of hard-to-loosen crankshaft damper bolts.
- Fits most Honda & Acura 4-cylinder applications from 1990 and up.
- Works with 1/2" square driv

KD3970

\$44.53



SERPENTINE, PULLEY AND STEERING TOOLS



AUDI AND VW FAN CLUTCH PULLEY HOLDING TOOL

- For Audi 1996 - 2001 A6 2.8L V-6 & VW 1998 & later Passat 3.0L V-6
- Use SL63600 with companion tool SL62100



SL63600 **\$85.93**

32MM BMW & AUDI FAN CLUTCH WRENCH

- BMW & Audi Fan Clutch Wrench



SL62100 **\$46.37**

GM / CHRYSLER WATER PUMP FAN CLUTCH PULLEY HOLDER

- Used on vehicles using pressed on pulleys.
- With the use of a 36 mm open end wrench part #88550, #93260 or #95210 the technician can loosen and tighten the fan clutch on many 1998 and later trucks/suv's



SL99800A **\$85.93**

TOYOTA SERPENTINE BELT WRENCH

- Saves time, no need to use a vehicle hoist to R&R serpentine belt
- Specially designed 12 point 14 mm/19 mm sockets
- Applications: 2002 - present Camry; 2004 - 2008 Solara; 2009 - present Matrix; 2001 - present Highlander; and 2004 - present Rav 4



SL10200 **\$75.19**

3 PIN FAN CLUTCH PULLEY HOLDING TOOL

- Works on the 2009 and later 5.7 liter Hemi Truck engine
- Engages the hard to reach holes on the conical shaped water pump pulley.



SL10800 **\$85.93**

FORD DIESEL FAN CLUTCH PULLEY HOLDING TOOL

- Works on 2011 - newer 6.7 Liter Ford Diesel Power Stroke. 100% Made in USA



SL10900 **\$85.93**

HONDA / ACURA SERPENTINE BELT TENSIONER WRENCH

- Fits 2006 & later Civics and works on most Honda and Acuras
- 6 point 19 mm won't strip the aluminum hex on the belt tensioner



SL10950 **\$75.19**



GEAR WRENCH SERPENTINE BELT TOOL

- 100% coverage of all vehicles including the 3/4 Volvo
- Easy access with both crowfoot and socket sizes



KD3680 **\$87.65**



STEERING WHEEL PULLER KIT

- Remove steering wheels from most domestic and import cars with or without telescoping tilt columns.
- Use the puller legs with the steering wheel puller to remove steering wheels on late model GM vehicles



KD41620 **\$57.91**



FAN CLUTCH WRENCH SET

- Removes and installs the fan clutch on many models when repairing or replacing water pump, timing chain, or the fan clutch.
- Universal Pulley Holder- Designed to trap and hold bolt-on pulleys by the mounting bolts.



KD41580 **\$112.70**



BELT HOLDING TOOL

- Keeps belt from falling off of a pulley during belt installation.
- Universal design to fit most pulley styles & sizes.
- Super strong magnet to hold the belt firmly on the pulley.



OT7424 **\$20.73**



ECOTEK WATER PUMP TOOL

- Holds timing chain in place so water pump can be removed for service.
- Special design allows easy installation regardless of timing chain orientation.
- Tool saves costly loss of timing on 2002-2008 GM 2.2L and 2.4L



OT6616 **\$52.92**



VARIABLE PIN SPANNER WRENCH KIT

- Universal design fits many different types of pulleys having slots or holes, including camshaft pulleys and Wrench is adjustable from 1-1/4 inch to 5 inches; works with a 1/2 inch drive ratchet or breaker bar.



OT6613 **\$93.43**



POWER STEERING EVAC ADAPTER

- Adapts to the varying diameters of many automotive power steering reservoirs.
- Fits snugly in the neck of the reservoir



MYMVA660 **\$22.75**



PNEUMATIC FAN CLUTCH WRENCH SET FORD GM & CHRYSLER

- Set includes 7 driving wrenches that fit Ford, GM and Chrysler.
- Driving wrench sizes include: 36mm, 1 1/2", 1 9/16", 41mm, 42mm, 1 7/8" and 2". Use with an air hammer.

LS43300 **\$175.53**



UNIVERSAL FAN CLUTCH WRENCH SET

- A Nearly Universal Fan Clutch Wrench Set!
- Unique hooked wrench design will hold bolted on water pump pulleys
- 1/2" square drive allows extra force to be applied.

LS43600 **\$66.19**



G.M. DIESEL WATER PUMP FAN CLUTCH PULLEY HOLDER

- Used on vehicles using pressed on pulleys.
- With the use of a 48 mm open end wrench
- Used on the following applications:
 - G.M. 6.5 Liter Diesel engine 2000-2001.
 - G.M. / Isuzu-Duramax 6.6 Liter diesel engine 2001-2005
 - G.M. / Isuzu-Duramax 6.6 Liter diesel engine with new pin bar fan hub 2006 & later.

SL61500B **\$85.93**



EURO STRETCH BELT INSTALLATION TOOL

- Larger with a Euro style pin configuration
- Accommodates larger pulleys with different designs
- Quickly and easily installs Stretch Belts.



ET735 **\$15.85**



TRU-GRIP SERPENTINE BELT TOOL WITH GRAB FORKS

- Clamping jaw allows user to position serpentine belt without the belt slipping out of the tool.
- Tru-grip and long reach allows belt routing in tight access areas that would normally be difficult if not impossible.

ET734 **\$27.52**

ENGINE, BUSHING AND BEARING SERVICE

OTC Motorcycle Tools

Motorcycle Tools

MASTER CHAIN LINK CLIP TOOL

- Custom plier tips designed specifically to remove and install roller chain master link horseshoe clips that typically require frequent maintenance and service.
- Works on chain master links up to 120 series.

OT4745

\$20.33

OTC MASTER CHAIN LINK PLATE TOOL

- Quickly and easily remove master link plates without damage.
- Levered jaw fits #25 to #60 size chains without separate adapters.

OT4746

\$30.01

OTC

BEARING AND BUSHING DRIVER TOOLS STARTER SET

- Starter set includes a handle and discs (5/8" to 2" diameter, in 1/8" increments) specially selected to provide the driver sizes usually needed in automotive service.
- All discs are 1/2" thick.

OT27793

\$270.38

OTC

LARGE VALVE SPRING COMPRESSOR

- Two valve spring adapters, fit valve spring retainers up to 1" and 1-3/16".
- Jaw opening (A) of 1-3/8" to 5-5/8" throat clearance of 5-7/8".

OT4572

\$74.58

Lisle

MASTER PNEUMATIC BEARING RACE AND SEAL DRIVER SET

- This Master Set Contains 11 Drivers to Fit Automobiles and Trucks up to 1 Ton.
- This set also includes 2 handles, one for hammering and a pneumatic handle for use with an air hammer.

LS12800

\$128.44

GEARWRENCH

GENERAL PURPOSE BUSHING DRIVER KIT

- Perfect for removing and inserting bushings in cars, trucks, buses, tractors, construction and off road equipment. Includes small, medium, and large drivers and bushing adapters from 3/8" to 1-3/8"

KD41780

\$48.18



BACK PRESSURE TEST KIT

- Quickly test back pressure and clogged or obstructed catalytic converters.
- Three stage adapter has 12MM & 18MM thread sizes
- Standard 1/4"-20 tip provides the ability to test through the exhaust pipe when O2 sensor ports are inaccessible.

WABPT02

\$95.82



VALVE SPRING COMPRESSOR

- Ability to actuate the compression tube even in tight confined locations
- Access to valves in areas that are not in open areas with engine in vehicle

SL91400B

\$170.50



LEXUS ENGINE BRACKETS

- Saves time when working on the oil pan and timing cover
- The sub frame needs to be removed to access the oil pan.
- Easy to install and remove when job is done
- Allows open access to top and bottom of the engine
- Works on: 2006 and later IS250 2WD, IS350 2WD, GS 300 2WD
- 2007 and later GS350 2WD

SL10700

\$85.93



11 PIECE GASKET PUNCH SET

- Designed to cut holes in gaskets and other soft material such as rubber, lead foil, linoleum, felt fiber and other similar materials.
- Contains long driving mandrel. Ten punch sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8", 1".

KS950

\$43.38



4 PIECE BEARING RACE PUNCH SET

- Contains: 7/16 x 6", 1/2 x 10", 9/16 x 14" & 5/8 x 20" Bearing Race Punches
- Oval tip designed specially for bearing race application

MH62015

\$88.66



GEARWRENCH

8 PIECE MASTER OXYGEN SENSOR SOCKET KIT

- Allows for easy removal and installation of oxygen sensors, oil pressure sending units, and vacuum switches on many import and domestic vehicles
- 1-3/16", 7/8" (22mm), 1-1/16" (27mm), 7/8" (22mm), 7/8" (22mm), 7/8" (22mm) Low

KD41720

\$67.08

SUNEX TOOLS Head Bolt Sockets

- These 1/2" Drive Impact Sockets are Specially Sized for Tightening and Removing Most OEM Head Bolt Screws from These Brands of Vehicles

Item #	Spread	Price
SU210MZB	Nissan	\$18.79
SU212MZB	Honda	\$18.79
SU214MZB	Toyota	\$19.78

OTC

7 PIECE O2 SENSOR SOCKET SET

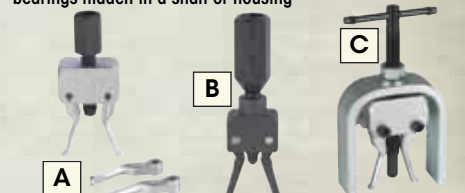
- Set includes: 4673-1 29 mm, 4673-2 7/8", 4673-3 27 mm, 4673-4 7/8", 4673-5 1-1/16" & 1", 4673-6 7/8" Long

OT4673

\$77.50

OTC Pilot Bearing Pullers and Attachments

- Remove pilot bearings, thrust washers, and smaller bearings hidden in a shaft or housing



Item #	Pics	Spread	Reach	Price
OT4420	A	3/8" to 1 1/2"	3/16" to 1 1/4"	\$51.89
OT4421	B	5/8" to 1 1/2"	3/16" to 1 1/4"	\$31.12
OT4422	C	3/8" to 1 1/2"	3/16" to 1 1/4"	\$62.26



UNIVERSAL COMPACT OXYGEN SENSOR WRENCH 6/12 POINT

SL88750A

\$31.14



DUAL DRIVE OXYGEN SENSOR SOCKET

- Tool comes with both 1/2" and 3/8" drive; Fits oxygen sensor applications with a heat shield.

LS12390

\$22.81

SPECIALTY AND IMPORT SERVICE TOOLS

Import Specialty



Serpentine Tools

AH3462	A	VW/Audi Cylinder Head Bolt Socket (#10 Polydrive)	\$32.13
AH3391	B	VW/Audi Camshaft Alignment Tool (V-6/5 valve per C	\$169.52
AH3243	C	VW/Audi Camshaft Alignment Tool (V-6/2 Valve per Cycle	\$170.02
AH6632	D	Vw/audi coil pack puller	\$45.89
AH6500X-18	E	1/2" Drive 18mm 12 Point VW Rear Axle Socket 2006 Jetta and Golf R&R rear axle bolt	\$34.26
AHBMW2280	F	BMW Dual Fan and Water Pump Removal for BMW M60, M62, and M62TU (V8) and M10, M20 and M30 with 32mm fan clutch nuts	\$68.20
AHBMW400	G	BMW Camshaft Alignment Tool (4and 6 cycle engines)	\$234.65
AHM0349	H	Mercedes Radiator Adapter For Cooling System	\$54.07
AHHON1419	I	Honda Civic, Accord, Odyssey & Pilot Serpentine Belt Wrench 25" Long 14mm & 19mm 12-Point Secured Sockets, for Engagement Every 30 Degrees.	\$45.63
AHM2010ACP	J	Fuel/Evap Angled Clamp Pliers for the replacement of new style Fuel/EVAP hose clamps.	\$52.77
AHMC100	K	Mini Cooper Serpentine Belt Tool used for relieving tension on belt tensioner. Applicable to: "Supercharged" Mini Cooper Models.	\$103.16
AHSPR886	L	Dodge Sprinter & Chrysler Crossfire Transmission Dipstick. Use in conjunction with factory repair literature to get correct fluid level measurements.	\$67.96
AHSP1412	M	BMW Spark Plug Socket, 12 Point 14mm	\$35.78
AHSU3625	N	Subaru Cam Sprocket Holder for 2005 and newer 2.5L Turbo and the 3.6L 6 cylinder engines.	\$126.71
AHTOY1914	O	Toyota Serpentine belt tool equipped with 14mm & 19mm, 12 point securing attachments. Applicable to: 1998-2005 Corolla, 2004 Matrix, 2008 Highlander V6 (Non Hybrid), 2002 RAV4 & 4.7L & 5.7L V8 used in Tundra & Sequoia through 2008.	\$42.79
AHH2592	P	VW Multitooth Adapter Spline for Free Wheel Pulley. Used for the R and R of the free-wheel pulley on the alternator (same as VW factory tool# 3400). Use in conjunction with the AHS3054X-10 Socket (not included). This tool is applicable to VW Jetta with 1.9 liter TDI engines.	\$37.65
AHS54X-14	Q	14MM 12 Point VW Rear Brake Caliper Socket. Ideal for Use on Rear Brake Caliper Bolts. Applicable to: 2006 and Newer VW Jetta and Passat	\$37.98
AH200-7	R	7mm Stud Remover Used for BMW applications	\$23.43
AHAU40178	S	Engine Oil Dipstick For Audi 2009 Audi: 2009 A4, A5 and A6 with engines: 2.0L TFSI, 3.2L FSI and 4.2L FSI	\$68.09

EZ RED
The Leader in Specialty Tools

NEW!

22 PIECE ALTERNATOR SERVICE KIT

- Used for cars such as Audi, BMW, Ford, Seat, Mercedes and VW to assemble the free wheel pulley
- Includes sockets, bits, adapters, hexagonal nuts and pins for most applications

EZAK411 **\$124.77**

Cal Van TOOLS

NEW!

HUB KNOCK TOOL

- Hub Tool to be used with hammer
- Absolutely Essential For Super Duty's

CV90100 **\$44.31**

TOOLS
SCHLEY PRODUCTS INC.

Hub Bearing Removers for use with Air Hammers



12 MM X 1.75 THREAD

- Use on Chrysler, GM, Ford, Mazda, Saturn, Volvo, Isuzu, Saab and other vehicles with 12 mm X 1.75 thread.

SL69610 **\$26.86**

14 MM X 1.5 THREAD

- Use on 1999 - present GM, Ford, Dodge full size 2 wheel drive trucks and SUV's, Chrysler, GM, Ford, Honda, Nissan, Infinity, VW, Audi, Mazda, Volvo, Mitsubishi, Kia, Hummer, and other vehicles with 14 mm X 1.5 thread.

SL69630 **\$26.86**

OTC



CYLINDER LEAK DOWN TESTER

- Quickly diagnose internal engine problems such as bad rings, valves and leaking head gaskets.
- Dual 2-1/2" gauges with protective outer boot.
- Scales read 0-100 psi and 0-700 kPa.
- Pressure regulated manifold.
- Long flex 24" 14 mm hose.
- 10 mm, 12 mm and 18 mm thread adapters.

OT5609 **\$103.80**

KASTAR



CYLINDER LEAK TEST SET

- Measures the ability of an engine cylinder to hold compressed air using shop air pressure and supplements a compression tester.
- Pinpoints bad valves, worn rings, cracked cylinder walls, and blown head gaskets.
- Features a precision regulator with a combination M14 and M18 adapter on a 26" hose assembly and has dual easy-to-read gauges

KSCLT-2PB **\$120.92**

AST

VOLKSWAGEN AUDI 12 POINT AXLE NUT SOCKET SET

- 14MM Allen, 17MM Allen for VW- Audi A6 1999-2004 newer Audi A4. 30MM 1/2" Drive Socket Mid 99 and newer Golf, Jetta, Cabrio and Beetle. 32MM 3/4" Drive Socket - VW Touareg

AH6500 **\$101.14**

STRUT, BALL JOINT AND CHASSIS REPAIR

OTC Axle Shaft 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.

FORD AXLE SHAFT SEAL INSTALLER LATE MODEL F250/350

- Works on 2005-newer Ford F-250, F-350, 4X4s having the vacuum-operated front axle.

OT6697

\$114.20



FORD AXLE SHAFT SEAL INSTALLER LATE MODEL F450/550

- Works on 2005-newer Ford F-450, F-550, 4X4s having the vacuum-operated front axle.

OT6698

\$134.97



FORD VACUUM HUB INSTALLER

- Works on 1998-newer Ford F-250, F-350, F-450, and F-550 4X4s having the vacuum-operated front axle.

OT6695

\$103.80



GM TORSION BAR UNLOADING TOOL

- Accommodates the beefed-up torsion bar
- Works on 1988 and newer GMC and Chevrolet 1/2- 3/4- and 1-ton pickups; S-10 Blazers S-15 Jimmys 4WD pickups with 4.3L V-6 engines; and 1991 and newer Olds Bravada.

OT7822A

\$197.27



CLAMSHELL STRUT COMPRESSOR

- Fits a wide range of struts and requires no special adapter shoe.
- Safety locking pins hold the compressor jaws in place.
- Tool compresses springs of 4" to 9" O.D., with wire diameters of 7/16" to 11/16".
- Built to use with an impact wrench

OT6494

\$259.10



PINION SHAFT SEAL INSTALLER, MAGNETIC

- Ideal for Driving Pinion and Other Seals Into Place.
- Hollow adapter allows driver to slide over shaft to drive seal.
- Neodymium magnets on both driver faces hold seal in place until you are ready to drive into place.
- Adapter is double-sided for different sized seals.

LS56950

\$85.10



STEPPED PICKLE FORK KIT

- Step Design Helps Keep Tool from Bouncing Back When Separating Ball Joints, Steering Dampeners, Tie Rods, Pitman Arms and Other
- Applications: Six tools in one. One handle for hammering; one for use with an air hammer (.401" shank). Forks are heavy-duty heat-treated, alloy steel forgings. Steps can be resharpened if needed.

LS41400

\$63.34



STRUTTAMER EXTREME

- Simply the most effective compressor for virtually any straight, conical, or offset spring.
- Extreme duty design to handle the heavier springs found on mid- and some full-size truck strut assemblies.
- 2:1 reduction gearbox - standard. Allows for a 2:1 torque compression increase when compressing struts.
- Open-ended design means you can take the strut in and out, quickly and easily.
- The arms adjust in and out, up and down, to accept many sizes of springs. (2-1/2" to 10" diameter)(2-1/2" to 24" vertical stroke)

OT6591

\$969.62



WALL MOUNT STRUT COMPRESSOR

- Handles the heaviest coil-over-shocks, the Ford F-150 and even the Toyota RAV-4 without need for additional adaptors.
- The front is now opened for easier access with added longer handles for extra torque.

BK7400

\$1,054.95



AXLE POPPER

- Break loose half shafts with ease.
- Tapered ends of the fork allow the technician to strike the Axle Popper Wedge or use it as a pry bar to release the half shaft.
- The Shim is included to fill the gap between the half shaft and the transaxle on some vehicles.

SM71410

\$59.45



HUB REMOVAL KIT FOR DODGE

- Separates the Frozen Hub Assembly from the Steering Knuckle on Dodge Vehicles.
- Tool drives against loosened retaining bolts to separate assembly.
- Prevents damage to the knuckle and complete hub assembly.

LS38210

\$41.58



T.O.M.C.A.T. CAMBER ADJUSTMENT TOOL

- Makes Camber Adjustment a One-Man Job
- Inflatable air bladder fits between tire and strut for easy and controlled adjustment of camber settings.
- Camber can be easily set with wheels on the ground.
- Eliminates the need for special camber bolts.

JDTC-614

\$213.33



UNIVERSAL BEARING CUP INSTALLER

- Designed for installing wheel bearing cups of tractor/trailer wheels from 11000 to 50000 lb. capacity
- Adjusts from 3 5/8" to 6 1/2" dia. bearing cup O.D.

OT7180

\$345.25



OUTER TIE ROD REMOVER

- Works on FWD and RWD import and domestic vehicles.
- Up to 5 tons of force can be applied.

OT7503

\$93.43



FRONT END SERVICE KIT

- Comprehensive set allows for easy removal of the most popular types of Pitman arms, tie rods, and ball joints
- Kit Contents, Pitman Arm Puller 22 x 140mm, Tie Rod Puller, Universal Ball Joint Separator, Tie Rod End Puller and Pitman Arm Puller and Universal Tie Rod End Remover

KD41690

\$132.62



HONDA/ACURA BUSHING X-TRACTOR

- Easily and quickly remove and install trailing arm bushing in 15 minutes per side versus the Honda factory "book" time of 1.8 hours per side.
- Comes updated with an adapter ring to fit between the existing cup and bushing for Acura Integra 1990-1993.
- No need to disconnect brake parts such as calipers, rotors, brake shoes, brake fluid lines and emergency brake cables.

SL65130

\$230.71

BUSHING, BALL JOINT, CHASSIS AND AXLE REPAIR

OTC



NEW!

BALL JOINT MASTER SERVICE KIT

- Complete coverage of Car and Truck/Van/SUV applications. With 70+ adapters, c-frame and application guide means there is nothing else to add for servicing ball joints.
- Contains application charts and diagrams with step-by-step instructions.

OT6559 **\$1,090.35**

OTC



TRUCK MASTER BALL JOINT SERVICE KIT

This 55+ piece kit covers pressinball joints on the following:

- Toyota, Hyundai, KIA, Infinity, Isuzu, Nissan, Chrysler, Dodge, Jeep, Plymouth, Mitsubishi,
- Ford, Lincoln, Mercury, Mazda, Chevrolet, Buick, Oldsmobile, Pontiac, Cadillac, GMC, Hummer.

OT6539 **\$863.19**

OTC



MASTER BALL JOINT SET DOMESTIC AND FOREIGN AUTOS

- Master Service Kit - 50+ piece set.
- Comprehensive manual includes diagrams with instructions eliminating guesswork of which adapters are required.

OT6529 **\$772.33**

MAYHEW



NEW!

AUTO ADAPTING TIE ROD TOOL

Designed to remove and mount inner tie rods on vehicles.

- Features a roller and cam mechanism that adapts itself automatically to every kind of shape and diameter of the inner tie rod.
- Range: 35mm - 45mm / 1-3/8" - 1-3/4"
- Works on 99% of inner tie rod models.

MH29910 **\$160.29**

SUNEX TOOLS

3/4" Drive Impact Ball Joint Sockets For Select Chrysler Cars And SUV's



Item #	Size	Sale
SU10213	1-59/64"	\$23.45
SU10214	2-9/64"	\$23.60

Lisle



NEW!

MASTER INNER TIE ROD SET

- Works on Inner Tie Rods with Inaccessible Wrench Flats.
- The inner tie rod can be removed and installed without removing the rack.
- Case is designed to hold up to 4 additional crowsfeet

LS46800 **\$141.87**

Lisle

NEW!



LOWER CONTROL ARM TOOL

- Use with a Pry Bar to Separate the Lower Control Arm from the Ball Joint Stud.
- Makes service work on cv joints, front hub assemblies and other components easier. Use up to a 3/4" pry bar.

LS64700 **\$28.35**

TOOLS SCHLEY PRODUCTS INC.

NEW!



MANUAL BUSHING KIT

Manual Bushing R&R Tool allows the technician to service a wide range of bushings without removing components from the vehicle.

- A budget minded alternative to hydraulic systems. Allows quick R&R of suspension bushings
- Comes with 22 cups and receivers for 100's of size combinations (Range OD 44 mm / ID 34 mm to OD 90 mm / ID 80 mm)
- 4 acme thread spindles, 10 mm, 12 mm, 14 mm & 16 mm featuring ball bearing thrust washers to insure smooth operation

SL11100 **\$681.76**

TOOLS SCHLEY PRODUCTS INC.



MANUAL BUSHING REPAIR KIT

Allows the technician to service a wide range of bushings without removing components from the vehicle.

- Comes with 22 cups and receivers for 100's of size combinations (Range OD 44 mm / ID 34 mm to OD 85 mm / ID 75 mm). 4 acme thread spindles, 10 mm, 12 mm, 14 mm & 16 mm

SL11000 **\$4,660.77**

JP

MASTER BALL JOINT SERVICE KIT

- 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

AO7897 **\$190.91**

JP

UNIVERSAL BALL JOINT ADAPTOR SET

- Includes all the receiving tubes and removing/installing adapters needed to work on most GM, Ford and Dodge 2-wheel and 4-wheel drive pick-ups, vans and sport utility vehicles.

AO7868 **\$97.05**

JP

BALL JOINT & 4 WHEEL SERVICE TOOL

- The heavy duty tool set is excellent for removal and installation of press-fit parts such as ball joints, universal joint and truck brake anchor pins
- It will remove even rusted and corroded parts

AO7865 **\$90.11**

KATAR



FLOATING AXLE RESTORER SET

- Aids in the servicing of front and rear floating axle housings on sport utility vehicles, light and medium duty trucks and vans
- Sizes include: 1-5/8" x 16, 1-13/16" x 16, 2" x 16, 2" x 16LH, 2-1/8" x 16, 2-1/4" x 16, 38 x 1.50mm

KS2577 **\$175.19**

Cal Van TOOLS



REAR BEARING PULLER

- Saves time and effort. Quickly and easily remove rear bearing wheel axles.
- No more banging with a slide hammer to remove these difficult bearings.
- Use the yoke and feet to set the removal foot over the bearing. Use an air wrench and remove the bearing completely

ET91800 **\$72.07**

LT TOOLS



LOWER CONTROL ARM TOOL

- Removes ball joints without damage.
- Installation now as easy as removal.
- One man operation.
- Makes strut replacement easy

LT680A **\$210.44**

STRUT, BALL JOINT, CHASSIS REPAIR AND U-JOINT

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS



UNIVERSAL MACPHERSON STRUT COIL SPRING TOOL

Use with impact wrench or hand tool ON or OFF the car. Contains complete instructions and safety kit. Not for use on any unusually large MacPherson Strut springs which have a coil outside diameter of over 6" or a wire diameter larger than 5/8". Do not use on General Motors "A", "C", "J" or "X" Body cars.

TA63000

\$42.04

COIL SPRING COMPRESSOR

Single Action Coil Spring Compressor Remove, install and compress coil springs that can be reached through the center of the coil. Acme threads.

TA62200

\$64.90



STRUT ALIGNMENT LEVEL

- Use to restore strut to original alignment position after repair or replacement.
- Super strong magnet mounts on brake rotor or spindle. Works on all vehicles equipped with MacPherson Struts.

TA61800

\$31.76

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS

Made from Hardened Steel to Disengage Stubborn Parts



Tie Rod Tools for use in Pneumatic Air Hammers

Part Number	Type	Description	Price
TA91000	A	.401 Tie Rod Tool Sleeve Breaker	\$19.74
TA91025	B	.401 Tie Rod Separator Tool 21/32	\$43.16
TA91700	B	.401 Ball Joint Separator 15/16	\$43.08
TA92350	B	.498 Tie Rod Tool Sleeve Breaker	\$32.24

TOOLS
SCHLEY PRODUCTS INC.

NEW!



HONDA/ACURA BALL JOINT REPAIR KIT

Same 1 Hour per Side in Labor Time

- Removes and installs lower ball joints on the car versus removing steering knuckle and using a shop press
- Updated design used with quick disconnect or spring type air hammers
- Works on Honda / Acura and many other makes of automobiles

SL68600A

\$125.42

Lisle



PNEUMATIC TIE ROD RATTLE

- Loosens bolts and clamps on tie rods for removal or adjustment.
- Use with an air hammer to vibrate seized clamps and bolts on many sizes of tie rods. Standard .401" shank

LS54640

\$26.46

SUNEX
TOOLS

FORD DRIVE LINE FLEX IMPACT SOCKET

- 12mm 12 Point 1/2" Universal Impact Socket, 4-9/16" long

SU212ZUMDL

\$32.11



GEARWRENCH



- Indexes every 20 degrees to allow for better access and hand protection
- Works with manual or pneumatic hammer attachments

KD43990

\$79.94

GEARWRENCH



INDEXIBLE SEAL PULLER

- Provides 11 total positions for unmatched access
- Easy to use spring loaded button firmly locks the position in place

KD3995

\$27.82

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS



10 LBS FRONT WHEEL AND HUB PULLER SET

- Heavy duty 10 lb. Slide Hammer on Steel Shaft reduces effort, time and labor to make a tough job easy.
- Pullers fit 4, 5 and 6 bolt patterns for use on most domestic and imported cars and light trucks.
- Easily removes front wheel hubs and flange type rear axles.
- Axle and Hub Pulling Adapter accepts other 5/8"-18 female threaded pulling attachments.

TA66370

\$139.12

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS

FRONT WHEEL HUB PULLER

- Separates the front hub from the axle on front wheel drive cars.
- Can be used with any slide hammer having a 5/8"-18 male thread or the included 5/8"-18 x 5 1/2" long Forcing Screw.
- Hex Nut makes using with a standard slide hammer easy.

TA66350

\$31.49



OTC

Quickly and easily removes sealed U-joint cups without the need for hammering or heat.



HEAVY-DUTY UNIVERSAL JOINT PULLER

- Fits practically all Class 7 and 8 trucks, including: Spicer drivelines 1610, 1710, 1760, 1810, 1880 Spicer SPL 140, 170, and 250 "Life Series" Meritor (Rockwell) 16N, 17N, 18N, 1710 Meritor RPL 20 and 25 "Permalube" Series

OT5190

\$316.40

OTC



TRUCK PITMAN ARM PULLER

- Serves medium- and heavy-duty trucks. Max jaw spread: 2-1/4".

OT7310A

\$104.86

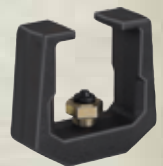
PITMAN ARM PULLER

- Serves cars and light trucks to 3/4-ton

OT7311A

\$94.46

OTC



SUV PITMAN ARM PULLER

- Labor intensive removal of steering sector is now unnecessary.
- Compact design of puller allows easy access to the Pitman arm.
- Fits most domestic SUVs and pickups.

OT6496

\$104.86

OTC



DIFFERENTIAL SIDE BEARING PULLER SET

- Includes 4 step plate adapters to fit carrier bearings.
- Reach: 1-5/8". Spread: 2-5/8" to 3-3/8".
- Forcing screw is 3/4"-16 mm x 6-11/16" lg.

OT4520

\$145.35

OTC



5 PIECE TIE ROD PICKLE FORK SEPARATOR SET

- Used to remove shock linkage, tie rods, and ball joints.
- Includes: 11" lengths 1-1/8", 1-5/8", and 1-7/16" Fork Spread; Sizes 16" length X 11/16", and 15/16" Fork Spread

OT6299

\$129.76

ENGINE, CHASSIS AND BRAKE SERVICE



Shop Tools

Item #	Description	Sale
LS11770	Ford Radio Removal Tool	\$7.54
LS12050	Magnetic Chuck Key, 1/4 & 3/8"	\$18.90
LS12060	Magnetic Chuck Key, 3/8 - 3/4"	\$23.60
LS13250	Oil Pressure Switch Skt 2-5/8 XI	\$8.95
LS14900	Terminal Release Tool For GM	\$15.10
LS18000	Universal Cam Bearing Removal Tool	\$205.83
LS19380	Inductive Pencil Type Spark Tester	\$8.46
LS20130	Magnetic Glove Dispenser	\$25.52
LS21400	24" Bar Magnetic Tool Holder	\$36.86
LS22500	Thermostat Gasket Cleaner	\$22.66
LS22850	2 Piece Hose Pinchers Set	\$6.59
LS26000	Tamperproof Torx Set T10-T40	\$18.70
LS26280	10 Piece External Master Torx Set	\$34.51
LS28500	Strap Filter Wrench	\$23.60
LS29200	3/8 Drive Impact Driver Set	\$37.80
LS30280	Automatic Center Punch	\$16.53
LS34400	Pneumatic Exhaust Pipe Stretcher	\$112.38
LS34550	Handy Bearing Packer	\$25.10
LS35260	Plastic Fastener Remover	\$11.32
LS35400	Upholstery Remover	\$8.77
LS36880	Dual Overhead Cam Lock Sprocket Holder	\$37.80
LS45300	Harmonic Balancer Puller for GM 3300 & 3800	\$43.47
LS45750	Inner Tie Rod Removal Socket Set	\$89.17
LS52000	Razor Blade Scraper	\$11.14
LS57340	Steering Wheel Lock Plate Removal Kit	\$21.71
LS75500	Combustion Leak Detector	\$39.71



Item #	Jaw Max	Depth	
WL22001	2.5"	1.75"	\$11.21
WL22002	3"	1-7/8"	\$13.08
WL22003	4"	2-1/16"	\$18.68
WL22004	5"	2-1/2"	\$22.42
WL22005	6"	2-3/4"	\$28.02
WL22006	8"	3-1/4"	\$37.36
WL22007	10"	3-5/8"	\$44.84
WL22008	12"	3-5/8"	\$56.04
WL22009	14"	3-3/4"	\$70.99



DISC BRAKE CALIPER BRUSH

- Thin profile accesses narrow areas
 - Angled Brush Head, comfortable grip
- TA17380 **\$8.20**



POPULAR UNDER CAR TOOLS

PARKING BRAKE ADJUSTING SPOON FOR FORD

- Double-Ended Tool Speeds Star Wheel Adjusting on Ford F-150. Also Works on F-250/F-350 Super Duty Trucks with Dana 80 Rear Axles.

LS51300

\$14.15



GM SINGLE SPRING INSTALL/REMOVE TOOL

- Quickly and Easily Releases Tension on Large and Small Single Spring Brakes on GM Vehicles.
- Uses the hook to grab onto the spring while the tool tip is used as a fulcrum to pry the spring free. Used to re-install the w spring also.

LS49100

\$34.02

PARKING BRAKE CABLE REMOVER

- Allows Technician to Remove Parking Brake Cable by Compressing the Spring.

LS40750

\$9.43



O2 SENSOR WRENCH

- Flexible head design assists in the removal of stubborn O2 sensors that are 7/8" in diameter, a common size to most vehicles.
- Patented features allow extensions or wrenches to apply force in tight areas, even on seized components.

OT6500

\$73.69



IMPACT PIPE STRETCHER KIT

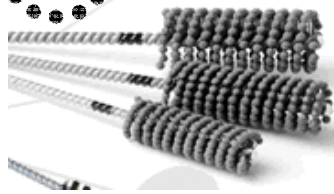
- Stretches Pipe on or off the vehicle up to 4-1/4"
- Use with an impact wrench to quickly stretch pipes.
- Collet sets expand pipes from 1-5/8" to 4-1/4".

LS17350

\$237.83

ENGINE, CHASSIS AND BRAKE SERVICE

BRM



BRAKE AND ENGINE CYLINDER HONES

The Flex-Hone® Tool is a perfect solution for many of your finishing, deburring and edge-bending needs.

Item #	Size	Grit	Price
BUBC1	1"	180	\$18.57
BUBC1/2	1/2"	180	\$15.41
BUBC10MM	10MM	180	\$14.48
BUBC1-1/2	1-1/2"	180	\$23.23
BUBC11/4	1-1/4"	180	\$21.05
BUBC11/8	1-1/8"	180	\$19.54
BUBC12MM	12MM	180	\$15.12
BUBC13/4	1-3/4"	180	\$24.26
BUBC13/8	1-3/8"	180	\$21.60
BUBC14MM	14MM	180	\$15.47
BUBC15/16	15/16"	180	\$17.14
BUBC15/8	1-5/8"	180	\$22.13
BUBC18MM	18MM	180	\$16.79
BUBC2	2"	180	\$25.14
BUBC21/2	2-1/2"	180	\$29.36
BUBC21418	2-1/4"	180	\$27.25
BUBC23/4	2-3/4"	180	\$32.42
BUBC3	3"	180	\$35.80
BUBC3/4	3/4"	180	\$16.40
BUBC5/8	5/8"	180	\$15.58
BUBC7/8	7/8"	180	\$17.41
BUGB31/2	3-1/2"	180	\$45.21
BUGB31/4	3-1/4"	180	\$42.44
BUGB41/8	4-1/8"	180	\$51.80
BUGB4-5/8	4-5/8"	180	\$53.71
BUGBD3	3"	180	\$61.54
BUGBD31/4	3-1/4"	180	\$63.52
BUGBD4	4"	180	\$74.81
BUGBD41/2	4-1/2"	180	\$85.12
BUGBD5	5"	180	\$96.86
BUGBD6	6"	120	\$115.10

OTC

CV JOINT PULLING TOOL KIT

- Remove an axle assembly from the transaxle without causing damage to expensive aluminum transmission cases or other components.

OT7509

\$104.86



Lisle

Lifetime Warranty

General Purpose Shop Tools

Item #	Description	Sale
LS10000	Brake Hone	\$17.27
LS13200	Oil Pressure Switch Socket	\$7.54
LS39500	30mm Axle Nut Socket	\$15.10
LS39550	36mm Axle Nut Socket	\$17.96
LS39700	32mm Axle Nut Socket	\$17.01
LS11750	Clutch Coupling Remover, Ford	\$5.91
LS14540	Headlight Adjuster	\$17.96
LS42000	SAE Folding Hex Key Set	\$8.00
LS42020	Metric Folding Hex Key Set	\$8.46
LS42040	Folding Torx Key Set	\$19.65
LS42150	Standard Hex Key Set	\$8.00
LS42500	Long Arm SAE Hex Key Set	\$9.43
LS42650	Long Metric Hex Key Set	\$10.20
LS42750	Metric Speed Hex Key Set	\$17.01
LS50950	Oil Filter Pliers, Truck/Tractor	\$46.33
LS53200	Tractor Oil Filter Wrench	\$13.03
LS18700	Hot Sleeve	\$15.10
LS24800	Seal Driver Kit	\$46.33
LS30500	Boot Band Pliers Earless	\$22.66
LS36500	Ridge Reamer	\$75.65



OTC

BRAKE DRUM AND ROTOR PULLER

- Handles brake drums, rotors, drive wheels, gears, flywheels, and pulleys.
- Spread to 12-3/4" and 5" of reach.
- 7-tons of force Can be used with air tools to reduce time and fatigue.

OT6980

\$154.44

THEXTON

ENGINE HOLDING TOOL KIT

- Fits GM front wheel drive vehicles with engine torque struts used on most transverse mounted engines.
- Replaces existing torque strut (dogbone) and allows engine to be tilted forward for engine work

TX419X

\$60.18



Lisle

EXHAUST CUT-OFF TOOL 1-3/8"-2.5"

Cuts Out-of-Round Pipes.

- Four knife-edged cutting wheels cut quickly and cleanly.
- Less than 1/3 turn cuts all the way around the pipe.

LS31500

\$36.86

GEARWRENCH

EXHAUST TAIL PIPE CUTTER

- Exhaust and Tail Pipe Cutter Cuts pipe from 3/4" to 3" in diameter. 15 blades effectively cut pipe so only 1/4 turn is needed to complete cut.

KD2031

\$48.20



BRAKE BLEEDERS AND REPAIR



DIAPHRAM POWER BRAKE BLEEDER

- Automatic fluid shut-off with 4 gallon capacity tank
- 12 ft. long hose for access; attached to pulling pole for convenient storage
- New Industry-Standard 2100 Series Disconnect
- Wheels instead of feet; greater mobility when tank is full



KD3795 **\$425.33**



AIR OPERATED VACUUM BRAKE BLEEDER

- Bleed brakes on most new Asian, Domestic and European Cars
- Uses standard workshop air supply.
 - Includes 1 Liter capacity vacuum brake bleeder complete with new fluid supply bottle, new fluid bottle adaptors for different master cylinder designs, and a 40" bleeder hose for tight access applications.



KD3737 **\$113.76**



ONE MAN BRAKE BLEEDER

- Automatically refills brake fluid reservoir during brake bleeding
- Retaining clip provides positive clamping to all master cylinder reservoir types
- Positive venting system supplies unbroken continual fluid flow
- On-Off tap eliminates brake fluid spills
- Height adjustment feature prevents running brake fluid reservoir dry



KD3982 **\$73.82**

THEXTON

FULL BLEEDER KIT

- Professional kit includes long-lasting aluminum adapters for US and metric fittings.
- US adapters: Two 3/8-24, two 7/16-24, two 9/16-18, two 9/16-20 and two 1/2-20.
- Metric: Four M10x1.0, four M10x1.25, two M11x1.5, two M12x1.0, two M12x1.5 and two M13x1.5.
- Plus check valves, hose, thread gauge, instructions and case.



TX803X **\$164.42**

SPEEDY VAC BRAKE BLEEDER

- Fast efficient vacuum brake bleeding
- Internal overflow valve prevents brake fluid spray if container reaches capacity
- Convenient hang hook and quick release trigger allows hands free use
- 500ml fluid collection container

PBT70850 **\$119.80**

LINCOLN mityvac Compressed Air Operated Brake Bleeder Kits to Get the Job Done

These compressed-air-operated bleeders offer professional grade brake and clutch bleeding performance.

- Bleeds up to 2 quarts per minute, and its simple operation allows clean, quick bleeding of brake and clutch lines.
- Kits include 6' bleed hose assembly, 4' fluid evac hose, automatic fluid refill kit, Hanging hook, and 3 Universal bleed screw adapters



Item #	Pics.	Stye	Price
MY6830	A	Basic Kit with Refiller	\$179.08
MYMV6835	B	Basic Kit with Clamp-on Refiller	\$201.92
MYMV6838	C	Master Kit with Auto-refill Kit and Adaptors	\$267.12



SILVERLINE ELITE AUTOMOTIVE REPAIR AND DIAGNOSTIC KIT

- Silverline Elite Automotive Testing Kit
- Applications: Vacuum & pressure related engine performance diagnostics and tune-ups
 - Brake bleeding
 - Fluid transfer, evacuation, and sampling
 - Produces vacuum or pressure at the turn of a switch
 - Pump Displacement 1 in3 (16cc) per stroke, Max. Vacuum/Pressure 25 in Hg (85kPa)/30+ psi (207+ kPa)

MYMV8500 **\$83.79**



77 PIECE BRAKE BLEEDER REMOVAL TOOL KIT

- Reduce labor time
- Avoid unnecessary and difficult drilling, tapping, or heating
- Works with both aluminum and cast iron calipers

SRRB007 **\$105.93**



MASTER CYLINDER ADAPTOR KIT FOR BRAKE BLEEDING

- Each adaptor is designed to match a specific manufacturer
- Color Coded Anodized Aluminum caps for easy recognition
 - Virtually fits all car Manufacturers

PPBAKIT01 **\$509.71**



BRAKE BLEEDER KIT

- Includes seven (7) master cylinder adapters to connect to most American, Asian, and European manufactured cars and light trucks
- Large 1.2-gallon (5-liter) fluid capacity
- Integrated manual pump adds air above the fluid level to prevent aeration
- ON/OFF and flow control valve are conveniently located near fluid output
- Utilizes push-to-connect, quick-change style accessory connections

MYMV6840 **\$382.69**



BRAKE AND CLUTCH BLEEDER HYDRAULIC HAND PUMP KIT

The Maxi-Ject PRO can develop 150 psi of injection pressure with a 15ml injection. It Makes Brake & clutch bleeding a simple one man process

- Bleed new anti-lock & diagonal brake systems, bleeds brakes quickly & efficiently
- Bleeds master cylinder in seconds
- Bleeds hydraulic clutch linkage

PHMAXPRO205 **\$373.54**



REVERSE FLUID INJECTION BRAKE & CLUTCH BLEEDER

The V-12 Injector performs reverse flush, vacuum/pressure bleeding, and master cylinder bench bleeding.

- Develops 125 psi with comfortable hand force.
- Includes: V-12 injector, Smart-Pak Accessories (reservoir bottle, hoses, bleeding adapters, brake fluid bottle adapters, tee fittings, plugs),

PHV12-205 **\$171.62**



DX BRAKE BLEEDER AND REFILL SYSTEM

- The powerful Series DX extracts fluids from vehicle brakes quickly and safely via vacuum bleeding, plus generates slight overpressure to empty the unit's fluid canister.
- Handle Engages Both Vacuum, and Overpressure Modes (suctioning or emptying of fluid in the canister).

VU12-016-1050 **\$282.87**

BRAKE AND TIRE SERVICE TOOLS

OTC

NEW!



BRAKE PAD GAGE

- Unique design allows for measurement on the vehicle without the removal of any components in most cases (wheel assembly or brake caliper).
- Quick reference of brake pad condition via color code scale.

OT6596

\$31.12

OTC

NEW!



BRAKE FLUID TESTER

- Tester determines quality of brake fluid.
- Match color of LEDs with color chart to determine brake fluid quality after test

OT4598

\$42.58

OTC

NEW!



HEAVY DUTY HUB PULLER

- The Final Answer™ to frozen hubs, axle shafts, and other tough pulling applications.
- Adjustable sliding puller legs can be positioned anywhere on the puller center hub for a true universal fit on wheel hubs with 5"-8"+ bolt circles.
 - Pulling plate allows for quick attachment and an even pull on the popular 5 bolt hubs with 4"-5" bolt circles.

OT6574

\$222.89

OTC



HUB GRABBER WHEEL AND BEARING SERVICE KIT

- A complete solution for servicing wheel hubs and bearings on the vehicle without removing the steering components or knuckle.
- Specifically designed to apply maximum force with minimal effort from an impact gun to also minimize service time.
 - New adapters increases application coverage up to current model year. Also includes tie rod/ball joint tool and 2 Ford axle installers.

OT6575

\$681.46

OTC



HUB TAMER TO GRABBER UPDATE KIT

- Kit includes everything to update the 6537 Hub Tamer Kit to the New Hub Grabber kit.
- Includes the Hub Grappler Puller, 6 new adapters, misc. hardware and the new Hub Grappler Application Guide.

OT6575-2

\$371.18

DIRECT SOURCE

4 PIECE LINE QUICK RELEASE PLIERS SET

- Easily fits in tight locations using verticle or angle styles
- Use with: Gas filters, Vacuum lines, Push lock fittings, Air & Hydraulics, PVC valves, Wiper lines, Water lines, and steering lines on cars and trucks.



QRP4S

\$185.93

AST



BMW, MERCEDES VW AUDI MASTER CYLINDER ADAPTER

- Used in conjunction with pressure bleeder.
- For Brake Master Cylinder or Clutch Master Cylinder reservoirs.

AHTA18

\$42.59

TITAN™



BRAKE FLUID TESTER

- Quickly determines percentage of moisture in brake fluid.
- Red, Yellow & Green indicator lights for easy readings.
- Handy pocket clip. Includes 1 AAA Battery.

TN51400

\$35.91

Xtra Seal



EURO-PASTE TIRE COMPOUND

- 11 Lb White X-Tra Seal Euro-Paste Mounting & demounting compounds to prevent damage to tire bead

GP14-701

\$43.46

TIRE LUBRICATING FLUID

- 1 Gallon Tire Mounting or Demounting Lubricant to prevent damage to tire bead

GP14-753PM

\$14.49

Ken-Tool



HUB SHARK 2

- Updated HubShark has greater capacity to handle larger bearings. Replace the front wheel bearings on front wheel drive vehicles without removing the steering knuckle from the vehicle - in about 20 minutes per wheel.
- Pull and press any hub or bearing on domestic and import vehicles
 - Includes a thrust bearing to reduce friction between the main screw and the body
 - Made in U.S.A.

KN7326

\$548.90

Lisle



5 PIECE AIR LINE DISCONNECT SET

- Disconnects quick connect push-in connectors found on heavy-duty truck air systems and more.
- Set comes with five popular sizes: 1/8"-5/32", 1/4", 3/8", 1/2" and 5/8".

LS42400

\$37.80

VACULA

Use an Air Hammer to Get this Job Done



BRAKE CALIPER RESCUE TOOL

- Saves time and expense of replacing calipers or wheel cylinders
- Frees up frozen bleeder valves for easy removal
 - Kit includes - Driver, 3 adapters, asst of reinforcement rods, blow molded case

VU12-080-1000

\$70.66

GEARWRENCH



BRAKE RESET GAUGE

- Used to set the proper clearance between brake lining and drum prior to assembly. Inside calipers measure drum diameters and outside calipers transfer measurement to brake shoes.
- Working drum diameter range: 6-1/2" to 14-1/4". Calibrated in 1/32" (1mm)

KD3377

\$60.44

TOOL AID

PROFESSIONAL AUTOMOTIVE TOOLS



PEDAL DEPRESSOR AND STEERING WHEEL HOLDER KIT

- Holds steering wheel, brake pedal, accelerator or clutch pedals in desired position

TA66400

\$35.82

IPA



BRAKE PAD AND CALIPER PRESSURE DIAGNOSING KIT

- Eliminates guesswork when troubleshooting disc brake problems.
- Comes with 2 load cells attached to analog gauges with a range of 0-5000 PSI (0-350 BAR).
 - Allows for one-man brake testing.
 - Tests sticky or frozen brake calipers
 - Identifies the cause of uneven brake pad wear

IP7884

\$235.16

SPINDLE SOCKETS, BRAKE AND TIRE SERVICE TOOLS

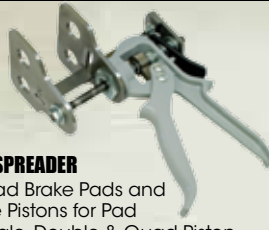


18 PIECE BRAKE CALIPER SET

- Complete set of adaptors for a wide range of vehicle applications
- Designed for push back and wind back brake pistons
- Provides both left-handed and right-handed thrust bolt assemblies

AO78618

\$52.84

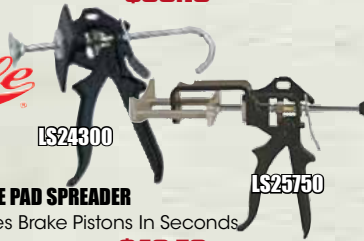


QUICK QUAD PAD BRAKE SPREADER

- A Quick Way to Spread Brake Pads and Compress Disc Brake Pistons for Pad Replacement on Single, Double & Quad Piston Calipers.
- Can be used while caliper is on the vehicle or hanging free.

LS29100

\$66.19



SPEEDY BRAKE PAD SPREADER

- Compresses Brake Pistons In Seconds

LS24300

\$42.79

DUAL PISTON CALIPER BRAKE COMPRESSOR

- Compresses brake pistons In seconds

LS25750

\$50.30



ONE HANDED PNEUMATIC BRAKE CALIPER PISTON COMPRESSOR KIT

Serious Time-Savings with less effort.

- Allows the technician for easy piston compression with a squeeze of the trigger
- Rotates LEFT or Right in order to Wind-Back Pistons.
- Magnetic pad attachment base securely holds press pads.
- Current Pad configuration covers nearly every vehicle around the world..

SU3935

\$251.90



DISC BRAKE CALIPER TOOL SET 18 PIECE

- The Master Brake Caliper Tool Set contains caliper adapters that range from 1-3/16" to 2-1/2" as well as adaptors specifically designed to service Nissan, Saab, and Honda models.
- This set also contains a caliper rotation tool with left hand threads. This left hand thread is especially useful when working on 2004-2007 models

SU3930

\$104.21



12 POINT 8 PIECE SPINDLE AND AXLE SOCKET SET

- Sizes 29-32, 34-36, 38, 39mm
- Backed by Sunex Tools® industry leading Lifetime Warranty for impact sockets

SU2835

\$143.65



1/2" DRIVE SPINDLE NUT SOCKET SET

- 30mm, 32mm, 34mm, 36mm

SU2838

\$70.46

1/2" DRIVE 7 PIECE SPINDLE NUT SOCKET SET

- Includes 29, 30, 32, 34, -36 and 38 mm

SU2839

\$103.06



4 PIECE 1/2" DRIVE 12 POINT SPINDLE NUT SOCKET SET

- SunexTools offers one of the most complete and toughest Impact Socket lines ar
- Chrome Molybdenum Construction from the finest steel - the best choice for strength and durability.
- Set includes: 30mm, 32mm, 34mm and 36mm

SU2837

\$82.96



1/2" DRIVE 4 PIECE "FLIP" SOCKET SET

A set of four (4) thin wall "flip" style impact sockets that have two different hex sizes in each socket.

- 3/4" x 13/16", 19mm x 21mm, 7/8" x 15/16" 1" x 1-1/16" (not guaranteed)

GY1504FW

\$36.27



INNER CAP & STUD KIT

A unique multi-piece tool for the removal of broken/ stripped inner cap nuts and spoke wheel studs.

- Eliminates the need to buy an entire new tool when the teeth wear... replace only the low cost rib nuts.
- Includes (1) Drive-On Tool, 1-1/8", 5/8", 3/4" Rib Nuts (not guaranteed)

GY2413

\$80.59



1/2" DRIVE 11 PIECE THIN WALL COLOR COATED LUG SOCKET SET

Includes sizes 3/4", 13/16", 7/8", 15/16", 1", 1-1/16" and 17mm, 19mm, 21mm, 22mm, 23mm. They feature protective (color-coded) plastic sleeves and internal plastic inserts

GY1511TP

\$116.25



DEEP METRIC AXLE NUT SOCKET SET

- Set contains five popular spindle nut impact socket sizes 30, 32, 34 -36mm

GY1705SN

\$80.30



12 POINT DEEP METRIC AXLE NUT SOCKET SET

- Includes sizes 29, 30, 32, 34-36, 38 and 39mm.

GY1708SN

\$118.20



WHEEL WEIGHT TOOL

- Removes, trims and installs clip-on wheel weights. Also includes lever and offset flat tip for removing wheel covers.

LS68130

\$28.35



CV BOOT CLAMP PLIERS

- Crimps Ear-Type Clamps in Hard-to-Reach Areas.

LS30600

\$31.19



WHEEL LOCK KEY SET

- Used to remove ten different versions of the wheel lock bolts.
- Applicable: ABC (Altenloh, Brink & Co) bolts. (Fits approximately 2002 and newer)

AHT40004

\$161.66



6 PIECE SPINDLE NUT KIT

Chrome vanadium steel 1/2" drive sockets for most 4WD SUV and light truck axle locknut applications.

- Includes: 4 lug 4WD Spindle Nut Socket 1/2 to 3/4 ton Dana 44, 6 lug 4 WD Spindle Nut Socket 3/4 to 1 Ton Dana 44, 4 lug with Extension 1/2 ton Dana 80, 4 WD Spindle Puller, Toyota Lock Nut Tool, 4 lug 4 WD Spindle Nut Socket 1/2 ton Dana 50

KD41660

\$85.89

MEASURING, BRAKE AND TIRE SERVICE TOOLS

Fowler

BORE GAGE SETTING MASTER & 36 PIECE GAGE BLOCK SET



Use the Setting Master Kit for accurately setting any bore gage up to 6" in diameter to an accuracy of .0001"!

Each Set includes:

- Setting Device, with base anvil: 2.750" x .80" and 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

Features:

- Tolerances to $\pm .00005"$
- Gage not included
- All in a high quality aluminum case!

FOW73-646-000 \$259.49

Fowler



DELUXE CYLINDER BORE GAGE

- Range 2"-6" diameter, .0005" graduations, 6" depth

FOW72-646-300 \$114.84

Fowler

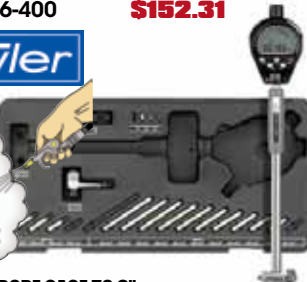


CYLINDER DIAL BORE GAGE 1.4" TO 6"

- Range: 1.4"-6", Carbide anvils, Graduation: .0005"
- Easily adjustable, Self-centering
- Insulated grip, Chrome plated handle
- Includes extension holder and fitted case.

FOW72-646-400 \$152.31

Fowler



ELECTRONIC BORE GAGE TO 6"

Bore Gage Features:

- Carbide anvils. Range: 1.4"-6"/35mm-150mm
- Easily adjustable. Insulated grip. Self-centering. Includes extension holder.
- Dual reading inch/metric electronic indicator. Bar graph and numeric digital display. Resolution: .00005"/.001mm. Preset with recall. ABS/INC measurement.

FOW74-646-401 \$298.97

Fowler

DIGITAL MICROMETER



- Jet black, grey enamel finish. Large LCD display.
- Resolution .00005"/.001mm, range 0-1"/0-25mm
- Direct RS 232 output. Carbide measuring faces.
- Absolute and incremental modes. Ratchet thimble.
- Includes shop hardened case.

FREE! Ball Attachment FOW74-870-001 \$76.92

Fowler

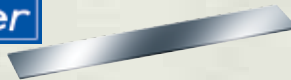


METRIC OUTSIDE MICROMETER SET

- 0-100mm Range, .01mm graduations.
- Measuring faces are carbide tipped. Friction/ratchet style thimbles.
- Insulated frames, Positive lever-locking clamp.
- Sizes over 25mm include standards. Includes wrench and fitted case.

FOW72-229-220 \$151.10

Fowler



HARDENED STRAIGHT EDGES

18' STRAIGHT EDGE

FOW72-480-050 \$78.57

36' STRAIGHT EDGE

FOW72-480-060 \$104.40

24' STRAIGHT EDGE

FOW72-480-055 \$90.66

Fowler



FLEX ARM BASE & 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

FOW72-641-300 \$84.62

Fowler



TELESCOPING GAGE SET UP TO 6"

- Double action rigid handle with self centering feature for quick checking of inside measurements.
- Constant spring tension for uniform feel.

FOW72-470-006 \$102.64

Fowler



ARTICULATING MAG BASE & INDICATOR COMBO SET

- Adjust in almost unlimited ways. Fine adjust, 85 lb. pull, Articulating Mag Base
- V-slot on base for mounting on rounded surfaces. Can be set up in almost unlimited positions! AGD Indicator
- 1" travel. Continuous reading: 0-100. AGD group 2, 2-1/4" dial diameter. Revolution counter. Tolerance markers, Lug back mount, Carbide point

FOW72-585-150 \$103.96

Fowler



DEPTH GAGE

- Spring-loaded and hold measurement button for ease-of-use.
- Super-large display, Range: 0-6" / 150mm
- Resolution: .0005" / .01mm (Fractions in 1/64" increments).
- Supplied in shop-hardened case.

FOW74-225-555 \$53.19

Fowler



CHROME FLEX ARM MAG BASE INDICATOR SET

- AGD Group 2, Dial diameter: 2-1/4", Travel: 1", Reading: .001", Continuous reading: .100", Carbide tipped point
- Included Magnetic Indicator Back for mounting to most metal surfaces!

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

FOW72-585-500 \$94.29

Central Tools, Inc.



UNIVERSAL PINION DEPTH SETTING GAUGE SET

- Works on all cars and light duty trucks.
- Allows quick and accurate pinion depth set up for all after-market rear ends.
- Also works on OEM gear sets with pre-measurements of pinion depth.
- Incorporates a swing arm assembly and indicator holder.
- Range: 0-3", Graduation: .001", Reading: 0-100

Item Weight: 4.9 Pounds. Height: 12.60 inches Length: 8.90 inches. Width: 3.50 inches

CE6470

\$776.17



BRAKE, TIRE AND MEASURING TOOLS



NEW!

ROTOCAL ELECTRONIC ROTOR GAGE WITH TWIN CONICAL ANVILS

- Range: 5.5" / 140mm
- Resolution: .0005" / .01mm (fractions in 1/64" increments)
- Water resistant to IP54 standards.
- Conical anvils measure scored surfaces. 3.5" jaw depth for larger rotors

FOW74-150-004 \$79.12

ROTOCAL ELECTRONIC ROTOR GAGE WITH 6" EXTENDED JAW DEPTH



- Range: 5.5" / 140mm, Reads in inch, metric, and fractions
- Direct inch/metric/fraction conversion
- Resolution: .0005" / .01mm (fractions in 1/64" increments)
- Water resistant to IP54 standards.

FOW74-150-002 \$79.12

ELECTRONIC DRUM AND ROTOR MEASURING KIT



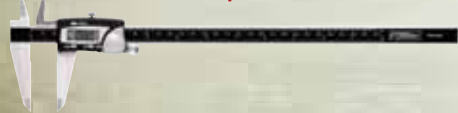
- Measures disc brakes and up to 12" on brake drums.
- When measuring brake drums only, add 8" to measurement— allows for long cone & jaw widths.
- For use with 6" & 8" calipers 0-6" Caliper features:
- Resolution: .0005" / .01mm. Direct inch/metric conversion. Absolute/incremental measurement. Furnished in shop-hardened case.

FOW74-101-777 \$90.66

EZ-DRUM ELECTRONIC BRAKE DRUM GAGE

- 4" to 20" / 100 to 500mm Capacity
- 4" drum preset, Zero set and Hold function
- Preset depth at 1" and 1.5"
- Beam has vernier scale to double check reading.
- Can be used to check some disc measurements.

FOW74-150-020 \$197.80



12" ELECTRONIC CERAMIC CALIPER

- Measuring Range 12" (300mm)
- Resolution (Decimal Inch): .0005", Accuracy (in): +/- .002

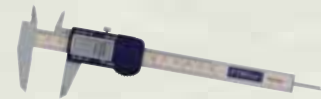
FOW74-100-112-1 \$163.19



ELECTRONIC CALIPER

- Range: 0-6" / 150mm, Resolution: .0005" / .01mm, Stainless steel frame.
- Direct inch/metric conversion. 4 way measuring. Complete in case.

FOW74-101-150-2 \$42.31



ELECTRONIC CALIPER POLY-CAL ENGLISH/METRIC/FRACTION

- Range 6" / 150mm
- Polycarbonate Frame. Large easy-to-read display.
- Direct inch/metric conversion. 4 way measuring.
- Accuracy +/- .008"

FOW74-101-175 \$22.97

MAG BASE AND DIAL INDICATOR SET



- Includes 1" indicator and mag base, plus rods, swivel clamp and wooden case.
- The 2" diameter .001" indicator features: satin chrome finish, tolerance hands, lug back and revolution counter.
- The 6" high mag base features a 1.5" x 1.5" x 1.75" 50 lb. pull base and a 4.5" long sidearm. All exposed metal is finished in anodized black for corrosion resistance.

FOW72-522-101 \$80.22

X-PROOF

X-PROOF WATER RESISTENT INDICATOR SET



- Fine adjustment Base dimensions: 2" x 2-11/32" x 1-13/16"
- Mounts test indicators with 1/4" post.
- 85 lb. pull. On-Off lever release magnet.
- V-base for placing on round surfaces.
- Travel: 1". Reading: .001"

FOW72-585-155 \$80.22

NEW!

MINI MAG PROTRACTOR

- Protractor provides instant 360° digital inclination display of any angle
- Embedded magnets with 35lb. pull.
- Uses standard 9V battery (250 hrs.)
- Measuring range: 360° (4 x 90°)
- Display inverts.

FOW72-422-450-1 \$85.71

OUTSIDE MICROMETER SET 0-4"



- .0001" graduations.
- Measuring faces are carbide tipped.
- Accuracy: ± .0001" for 0—1" and 1—2" sizes.
- Friction/ratchet style thimbles. Positive lever-locking clamp.
- Sizes over 1" include standards. Includes wrench and fitted case

FOW72-229-214 \$132.97

Top Quality



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 grad.
- Includes shop-hardened case.

FOW72-520-757 \$91.87



Item # Desc. Capacity Sale

Item #	Desc.	Capacity	Sale
Digital Calipers with Inside, Outside, Depth and Step Measurements			
CE3C301	Steel Body	0-6" / 0-150mm	\$31.80
CE3C351	Composite Body	0-6" / 0-150mm	\$16.84



ROTOR RUN-OUT SET

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

CE3D103 \$94.53



DIGITAL ROTOR GAGE

- Easy to read digital display with inch/metric conversion
- 0-5.50" / 0-140mm Range
- Measure brake rotors and ball joints
- Pointed anvil and 3.50" long arms to inspect rotors

CE3M430 \$71.91

BRAKE AND TIRE SERVICE TOOLS



Brake Lathe Accessories



AM40410



AM40415



AM40420



AM40430



AM40435

Popular Carbide Brake Lathe Bits

Item #	Brand	Fits	Price
AM40410	Ammco	FMC	\$47.34
AM40415	Ammco	Kwik	\$72.37
AM40420	Ammco	Hunter	\$34.79
AM40430	Ammco	Perfor.	\$26.77
AM40435	Ammco	Accuturn	\$56.51
AM40610	Ammco	Round	\$62.33
AM6914-10	Ammco	Ammco	\$27.82
AM6918-6	Ammco	Am/Pos	\$40.57
SR060-10	Ammco	Accuturn	\$38.46
SR062-10	Shark	Ammco	\$17.47
SR069-10	Shark	ProCut	\$48.35
SR407-10	Shark	FMC	\$38.46
SR802-10	Shark	Kwik/Snap/Pos	\$48.90



AM40610



AM6914-10



AM6918-6



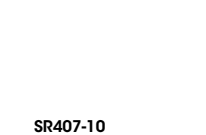
SR060-10



SR062-10



SR069-10



SR407-10



SR802-10



Designed to replace brake lines when the OEM line has failed. These kits conform to SAE hydraulic brake tubing specs and are pressure rated up to 3,000 PSI. This product does not corrode in harsh environments and requires no special bending tools.



1/4" BRAKE LINE REPLACEMENT KIT

• Includes 41 pieces and 25' brake tubing.

SRRBR-EZ14 **\$103.57**

3/16" BRAKE LINE REPLACEMENT KIT

• Includes 112 pieces and 25' brake tubing

SRRBR-EZ316 **\$150.11**



BUBBLE (I.S.O.) FLARING TOOL KIT

• Die sizes 4.75, 6, 8 & 10mm.
• Crack free bubble flares on soft wall tubing

OT4504 **\$38.73**



DOUBLE FLARING TOOL KIT

• Die Sizes 3/16-1/2(4.8-12.7mm)

OT4503 **\$38.73**



Brake Line Tubing Repair



BUBBLE (I.S.O.) FLARING TOOL KIT IN PLASTIC CASE

- Forms the International Standards Organization (I.S.O.) bubble flare used on Japanese, European and domestic vehicles.
- Works without having to remove the brake line
- For 4.75mm, 6mm, 8mm & 10mm tubing.
- Includes yoke with forcing screw and handle, four adapters, flaring bar & wrench with height gauge

TA14825 **\$36.79**



DOUBLE FLARING TOOL KIT

- Flares 5 sizes of copper, aluminum, soft steel and brass tubing: 3/16", 1/4", 5/16", 3/8" and 1/2".
- For double or single flares up to 45°

TA14800 **\$34.31**



MINI TUBING CUTTER 1/8-5/8

- Cuts thin-wall steel, plastic, copper and brass tubing from 1/8" - 5/8" O.D.

TA14850 **\$5.52**



DOUBLE AND BUBBLE FLARING TOOLKIT

- Complete double and bubble flaring tool assortment.
- Precisely flares tubing up to 0.040 wall thickness to SAE/Metric 45° flares. Hardened bar assembly clamps 11 tubing sizes: 3/16", 1/4", 5/16", 3/8", 7/16", 5/8", 1/2", 4.7, 6, 8, and 10mm.

KD41880 **\$126.56**



MASTER TUBING SERVICE KIT

Most complete kit available. Double Flare, Bend, Cut, Ream, and Deburr.

- Includes: Mini Tubing Cutter, Tubing Bender, Deburring Tool, Flaring Adapter Kit, Holding Bar and Yoke

KD41590 **\$84.45**



TUBE BENDER

- Bends 1/4", 5/16" and 3/8" O.D. tubing without kinking or collapsing.

TA14860 **\$13.87**



Reduce Book Labor Times



In-Line Close Quarters Flaring Tool Kits

The low profile design of this tool allows techs to make flares on the vehicle without having to make tedious disassembly or reassembly.

- Make flares along frame rails or areas in the engine compartment
- Increases profits since components do not need to be removed
- Make perfect flares every time with less risk of breaking adapters.

Item #	Sizes	Price
CV154	Metric Kit (4.75mm, 5mm, 6mm in case)	\$41.76
CV161	Automotive Kit (3/16" & 4.75mm in pouch)	\$31.69
CV164	SAE Kit (3/16", 1/4", 5/16" in case)	\$41.63

BRAKE AND TIRE SERVICE TOOLS

Digital and Tire Inflator Gauges

STEELMAN



TPMS DIGITAL TIRE INFLATOR

- Allows user to preset target inflation pressure for reference

JS97952 **\$113.05**

STEELMAN



TPMS DIGITAL TIRE PRESSURE GAUGE

- 3 - 99 PSI. Accuracy: +/- 1 PSI
- Auto delay shut-off function
- Aluminum housing with rubber nose and tail for added protection

JS97926 **\$14.51**

TOOL AID



TIRE INFLATOR WITH GAGE

- Easy to read pop up gage measures from 10 to 120 PSI in 2 PSI increments

TA65100 **\$30.97**

TOOL AID



TRUCK TIRE INFLATOR WITH DIAL GAUGE

- Extra long reach 14" dual head chuck with internal lock on threads
- Easy to read, dual calibrated scales (0 - 160 PSI and 0 - 1100 kPa)
- Protective rubber, corrosion resistant brass pressure relief valve

TA65130 **\$58.11**

TOOL AID



TIRE INFLATOR GAGE WITH VIEW WINDOW

- Easy to read gage is calibrated from 10 - 120 PSI in 2 lb. increments. Three function lever:

TA65120 **\$50.46**

MILTON



DUAL HEAD TIRE INFLATOR

- Window Style lens Reads tire pressures accurately from 10-120 lbs

MI506S **\$52.66**



- Easy to read LCD Accurate to +/- 1.0%

DIGITAL DUAL STRAIGHT HEAD RV & TRUCK GAGE

PRDT150-38CV **\$37.36**

DIGITAL DUAL HEAD TIRE CHECKING GAGE

PRDT150-33CV **\$34.07**



TPMS DIGITAL TIRE PRESSURE INFLATOR WITH QUICK CHUCK

- Easy Change Chuck System 1 Button Operation, Auto shut-off for increased battery life
- LCD Back Light Allows accurate reading of tire pressure, assisting with TPMS (Tire Pressure Monitoring Systems)
- Two position lever. 1st position deflates, 2nd position inflates system

AO3018 **\$95.14**



DIAL STYLE TIRE INFLATOR

- Aluminum die-casting unit covered with rubber sleeve
- Clear and easy to read 3 in 1 function: inflate, deflate and measure tire pressure
- Two position in flate/deflate level
- 80mm pressure gauge (0-12 Bar/174Psi)

AO3081 **\$63.03**

Amflo



TIRE INFLATOR GAGE WITH 12" WHIP HOSE

- Easy to read dial is calibrated 0 to 160 PSI. Unit is protected with a heavy rubber cushion "bumper." The tapered chuck and swivel dual foot make getting into tight spots easy. A must for racing tires and truck fleets.

AF135 **\$83.17**

Amflo



TIRE INFLATOR GAGE BAYONET STYLE

- 12" Hose with swivel dual chuck
- Tapered end fits wheel cover holes on cars and light trucks

AF101D **\$49.25**

TOOL AID



TIRE TREAD DEPTH GAGE

- Sliding gage measure in inches and millimeters

TA65140 **\$4.18**

TOOL AID



TIRE VALVE CORE TOOL

- Removes and installs tire valve cores.
- Shaft extends 2" beyond handle.
- 5 1/2" overall length.

TA65150 **\$2.73**

STEELMAN

SPARE TIRE REMOVAL BARS

- Allows anyone to quickly remove difficult to reach spare tires
- Applications include many trucks and SUV's where spare tire is located under the vehicle

JS96090A **\$115.36**

Ken-Tool



BEAD EZE TIRE AND RIM LUBRICATOR

- Use to lubricate tire for easier bead seating.

KN35847 **\$15.98**

Ken-Tool



TIRE LUBE BRUSH

- Used for brushing lubes on to the tire to make rim mounting easier

KN30511 **\$9.89**

Lisle

TIRE TEST DUNK TANK

- Heavy duty plastic tire and tube test tank. 31" x 12" x 12".

AL19822 **\$67.80**

Lisle



TIGHT ACCESS COPPER BENDING PLIERS

- Bends 3/16" Brake Lines Without Kinking or Flattening, Especially in Tight Spots. Bends all types of 3/16" OD tubing. Unique head design bends tubing without collapsing the tube. Won't mark tube surface.

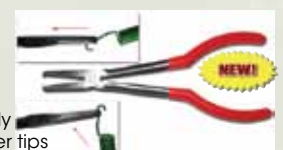
LS44150 **\$32.13**

1/4" TUBING BENDING PLIERS

- Bends 1/4" Brake Lines Without Kinking or Flattening, Especially in Tight Spots. Bends all types of 1/4" OD tubing

LS44070 **\$34.51**

Vorwerk



BRAKE SPRING PLIER

- Longer and slightly wider with stronger tips
- Holds the spring better without leaving a deep cutting mark.

VT989 **\$31.85**

TIRE REPAIR



Professional Tire Repair Products For Use In High Volume Shops Or Towing And Recovery Operations

SQUARE



GP11-311



GP12-361R



GP14-314

ROUND



GP11-322



GP14-008



GP14-314W

OVAL



GP11-325



GP14-303



GP14-317



GP12-213



GP14-305



GP14-317P



GP12-214



GP14-310



GP14-320

Item #	Description	Sale Price
GP11-311	Euro Tire Square Universal Tire Patches Medium Square 2 1/4". Premium blue vulcanizing gum with white backing works with radial or bias ply tire. 50 per Box.	\$36.67
GP11-322	USA Style Universal Medium Round - 2 1/4" Designed for chemical vulcanization. Black vulcanizing gum, blue poly backing. 25 Per Box	\$17.62
GP11-325	USA Style Universal Medium oval- 1-7/8 x 3-7/8 in. Designed for chemical vulcanization. Black vulcanizing gum, blue poly backing. 25 Per box	\$19.15
GP12-213	Arrow Head 5/16" Orange Vulcanizing Insert (25 Per Box)	\$16.15
GP12-214	Arrow Head 7/16" Orange Vulcanizing Insert (15 Per box)	\$16.15
GP12-361R	4" Flat Brown String, 50 Pieces	\$14.74
GP14-008	236ML Chemical Vulcanizing Cement for chemical or heat vulcanization.	\$15.56
GP14-101	32 oz Bead Sealer for use with Tire inflation machines	\$15.13
GP14-303	Carbide Power Rasp Tool	\$24.77
GP14-305	Flexible Skiving Knife	\$16.36
GP14-310	Power Awl	\$9.87
GP14-314	3/16" x 1-1/2" Wood Handle Sticher	\$12.87
GP14-314W	1-1/2" x 1-1/2" Wood Handle Sticher	\$31.13
GP14-315H	Hoe Style Inner Liner Scraper	\$12.28
GP14-317	Split Eye Tire Needle Insert Tool Chrome T-Handle	\$16.51
GP14-317P	Spiral Probe Chrome T-Handle Tire Reaming Tool	\$16.51
GP14-320	2-1/2" Carbide Tire Buffing Wheel	\$6.28
GP14-552	Tire Yellow Marking Crayon	\$10.90



FIBRE-SEAL INSERT KIT

Get in the Know for basic tire patching repair. This kit is a fix all for customers that need a fast plug or patch.

Pays for itself in just a few jobs.

- Contains 1 box 12-220 (fiber seal inserts) 50 per box, cement, pistol grip spiral cement probe, pistol grip split eye needle, 15 Euro-Style medium square patches, and a repair booklet.

GP12-221

\$78.92



MUSHROOM STYLE TIRE PLUG KIT

- Includes: 2 Boxes 12-213 (5/16 Orange vulcanizing insert, 25 per box), 1 Box 12-214 (7/16 Orange vulcanizing insert, 25 per box), 1 Can of cement, and probe tool

GP12-210

\$119.74



TOTE TIRE REPAIR KIT

Tire Repair for the Do it yourself or Pro

- Includes: 50 pieces of 4" fat brown string, 1-spiral, 1-open eye needle, 1-jar plug lubricant, 1-razor blade knife, Easy to follow instructions for home or professional use

GP12-361

\$26.92



AUTO AND LIGHT TRUCK REPAIR KIT

- Kit contains: 30 - 4" strings, metal insertion tool, extra insertion needle, metal T-handle spiral probe, lube, instructions

NSKAP30

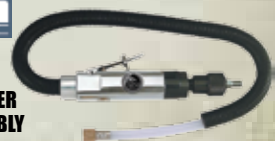
\$55.49

PROFESSIONAL TIRE REPAIR KIT METAL T TOOLS & 60 STRINGS

- The Deluxe Kit contains 60 - 4 inch (10cm) repairs
- Metal T-Handle Insertion Tool
- Extra Insertion Needle, Metal T-Handle Spiral Probe, Lube Instructions, MADE IN THE USA

NSKAP

\$59.89



LOW SPEED TIRE BUFFER W/REAR HOSE ASSEMBLY

- 2,600 RPM
- Complete with Rear Hose Assembly for Hook-up
- Full 1/2 HP Stall Resistant Motor
- 5/16" Integral Hex. Chuck

FP709

\$100.51



Item #	Description	Sale Price
Popular Safety Seal Tire Repair Products		
NSTS	Heavy Duty Spiral Reamer Tool for Trucks	\$20.22
NSPS	Tire Reamer T Handle Tool with Metal Handle	\$19.12
NSTA	Tire Repair String Inserting Tool Metal T Handle	\$19.12
NSRA	60 Pack of Replacement Safety Seal Tire Repair Strings	\$20.88

TIRE CHANGING



Allows demounting of the tire without lifting the entire wheel and tire off the ground

BLUE COBRA TRUCK TIRE DEMOUNT TOOL

Fast and easy, the 54" Blue Cobra truck tire demounting tool is strong but economical and offers a golden value for tire changing

- Quickly demount nearly any 20", 22.5" and 24.5" tube-type and tubeless truck tires, up to a 13" wide wheel
- Allows demounting of the tire without lifting the entire wheel and tire off the ground
- Aluminum bead support to grab the top bead of Super Single and Super Wide tires

KN35440 \$342.88



19.5" TIRE MOUNT/DEMOUNT SET

- (2) Two Nineteen-Five Bars (# 33199) for mounting and demounting tires, measuring 38-inches each in length and only 3.5-pounds in weight
- (1) One patent-pending Bead Holder (# 33196) for 19.5" aluminum wheels, measuring 7-1/2 inches in length
- (1) One Solid Brass Bead Holder (# 31710) for steel wheels
- (1) One patented Leather Aluminum Wheel Protector pad (# 31810), which protects rims from marring and scratching

KN33195 \$185.45



32" BEAD BREAKING WEDGE WITH POLYMER HANDLE

- Hump Design prevents tool from wedging between rim and bead.
- Breaks the bead with little or no prying.

KN35460 \$126.18



32" DUCK BILL BEAD BREAKING HAMMER

- Fiberglass handle with curved head hammer.

KN35429 \$118.84



AIR BLASTER BEAD SEATING TOOL

- Used on Auto, ATV, and Truck Tires
- Designed for use on tires up to 24-1/2" diameter
- ASME certified 5-gallon tank

KN31444 \$293.19



Slide Hammer Bead and Valve Breakers



LONG VALVE BREAKER SLIDE HAMMER

Long 45" Valve Breaker Slide Hammer

KN35936 \$207.71



SHORT VALVE BREAKER SLIDE HAMMER

KN35934 \$204.18



IMPACT TIRE BEAD BREAKER

- Bead breaker loosens beads with bead-breaking foot and ram bar, but never cuts the bead of the tire. The wedge foot is forced between the bead and rim flange.
- Exclusive spring action design to reduce user fatigue. 50" length, 80" fully extended.

KN35926 \$223.25

Small Impact Bead Breaker Slide Hammer

KN35924 \$165.82



INNER DUAL WHEEL PORK CHOP

- 1-1/2" Wrench holds outer cap nut on dual wheels while the inner nut is turned. Lip fits in hole to secure wrench in place. Sizes offered fit standard and metric cap nuts

KN30609 \$20.42



13 PIECE DELUXE LUG NUT WHEEL LOCK REMOVAL SET

Easily removes most lug nuts and wheel locks on domestic and import passenger vehicles and light trucks.

- Use with hand driver or impact wrench.
- Set includes 11 sockets, extension and extractor punch in plastic storage case.

KN30171 \$131.75



DUAL HEAD AIR CHUCKS

No more frustration with air chucks too short to reach inner dual wheel tire valves.

Item #	Style	Length	Price
MIS-690-12	Standard	12"	\$15.08
MIS-693-12	Straight Foot	12"	\$18.15



PNEUMATIC TIRE BEAD SEATER

- Makes seating the most difficult bead safe, simple, fast and economical.
- Features 5 gallon capacity ASME certified tank designed for commercial use on all tires ATV to 24.5" truck tires.
- Safely rests on your leg at a 45° angle to the wheel.
- The discharge valve design allows tank discharge in one quick motion.

CHECH5 \$317.95



13 GALLON TANK TIRE BEAD SEATER

- Trigger-style discharge valve allows for optimum airflow control
- Unique nozzle contains discharge holes strategically placed for optimum inflation
- Ball valve included for filling tank also provides compressed air for filling the tire while seating the bead. ASME approved tank with relief pressure valve for safety.

OT5713 \$726.88



HEAVY DUTY SLIDING TIRE SPOON TOOL

"Convex Slip Head" curved design allows the spoon to slide easily into the tire bead while the spoon bump limits the depth for quick-and-easy operation.

- Inner slide bar provides hammer action to easily insert and remove the spoon.
- 38" in length and extends to 52 inches for increased leverage.

OT5716 \$176.51



DIGITAL TIRE DEPTH TREAD GAGE

- Reads in inch, metric and fractions!
- Spring-loaded & hold measurement button
- Super-large display, Range: 1"/25mm
- Resolution: .0005"/.01mm, fractions in 1/64" increments.

FOW74-225-500 \$18.13



TIRE AND LUBE



\$30.81

TORQUE SOCKETS

Item #	Description
LT1500-AA	22MM 80 Ft/Lbs. Land Rover Lemon Green
LT1500-B	21mm - 80 Ft/Lbs., 110 N.M Orange
LT1500-BB	21MM 150 Ft/Lbs.Truck & Van Turquoise
LT1500C	3/4"/19mm - 100 Ft/Lbs., 135 N.M. Grey
LT1500-CC	17MM 90 Ft/Lbs. Volkswagen Pink
LT1500-DD	21MM 100 Ft/Lbs. Chrysler / Dodge Sky Blue
LT1500-EE	22MM 140 Ft/Lbs. Truck/SUV Safety Purple
LT1500-GG	1 1/16" 80 Ft/Lbs. Land Rover Beige
LT1500-HH	1 1/16" 100 Ft/Lbs Land Rover Light Orange
LT1500-I	7/8" 120 Ft/Lbs. Chevy/GMC White
LT1500-J	1" 140 Ft/Lbs. Light Truck and Van Tan
LT1500-K	17MM 110 Ft/Lbs. Mercedes Purple
LT1500-L	1" 170 Ft/Lbs. Light Truck & Van Appl Grn
LT1500-LL	22MM 175 Ft/Lbs.Truck/SUV Bubble Gum
LT1500-NN	19MM 90 Ft/Lbs. Gold
LT1500-OO	13/16" 75 Ft/Lbs. Neon Green
LT1500-Q	7/8" 140 Ft/Lbs. Light Truck & Van Aqua
LT1500-QQ	22MM 95 Ft/Lbs. Honda,Acura, Land Rover Salmon
LT1500-R	17MM 70 Ft/Lbs.
LT1500-S	19MM 55 Ft/Lbs Light Blue
LT1500-SS	21MM 110 Ft/Lbs Dodge/Chrysler Silver
LT1500-TT	15/16" 135 Ft/Lbs.Truck & Van Lime Green
LT1500-UU	14MM 75 Ft/Lbs. Dark Purple
LT1500-V	1-1/6" 140 Ft/Lbs. Truck & Van Maroon
LT1500-XX	13/16" 160 Ft/Lbs. Truck/SUV Truck Socket Vanilla
LT1500-Y	7/8" 100 Ft/Lbs. Navy Blue
LT1500-Z	7/8" 65 Ft/Lbs. Jaguar Cool Gray



7 PIECE 1/2" DRIVE WHEEL TORQUE EXTENSION SET

- Does the work of 16 regular torque sockets.
- Each kit includes a color wall chart

LT1470

\$210.44



9 PIECE WHEEL TORQUE MASTER KIT

- Tightens Lugnuts To Correct Torque First Time, Every Time On Most Domestic/Import Cars & Light Trucks. Helps Avoid Over-Torquing & Prevents Wheel And Brake Damage

LT1593

\$245.69



LINCOLN

Lincoln Rotary Pumps Feature Graphite Three-Vane Design for exceptionally smooth fluid flow for no-splash fills. Use in Agriculture, Heavy Equipment, Construction, Trucking/Transport, Automotive, and Industrial

- High-tolerance micro-finished bore & vanes provide outstanding pump life
- Self Priming / Outstanding vacuum
- 10 Gal/Min at 120 RPM low viscous fluids, 7 Gal/Min at 80 RPM motor oil



PL55161 PL55150 PL55017 PL55123 PL55303

ROTARY PUMP NON CORROSIVE FLUIDS

Use for Oils, diesel, kerosene, coolant, and non-corrosive materials

LN1385

\$181.54

LINCOLN



FUEL TYPE ROTARY PUMP

Use for Gasoline, Oils, medium viscosity petroleum based fluids, diesel, kerosene, coolant, and non-corrosive materials. Fully serviceable and FM Approved.

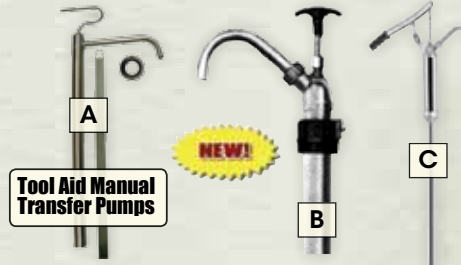
- Includes Flame Arrestor and Anti-Siphoning Vacuum Break, Heavy-duty 8' x 3/4" anti-static hose with non-sparking aluminum nozzle with hanger

LN1387

\$282.05

TOOL AID

PROFESSIONAL AUTOMOTIVE TOOLS



Tool Aid Manual Transfer Pumps

Use with Light Viscosity Non Corrosive Fluids and Lubricants

Item #	Pics.	Fits Tubes	Fluids	Price
TA17500	A	5, 6	Thinner	\$24.20
TA17550	B	15, 30, 55	Non water base	\$36.79
TA17560	C	15, 55	Non water base	\$34.53



Uni-Paint Parts Markers

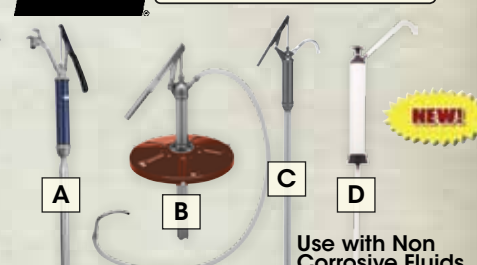


Used for marking spare parts and glass

Item #	Color	Price
SH63606	Purple	\$3.21
SH63613	White	\$3.21

LINCOLN

Lincoln Economy Fluid Pumps



Use with Non Corrosive Fluids.

Item #	Pics.	Size	Fluids	Stroke	Price
LN1340	A	16 to 55	Non water base	14	\$55.28
LNG400	B	25-50lb	Gear Oil	NA	\$39.56
LNG401	C	5 to 30	Petro Based	10	\$38.46
LNG410	D	16 to 55	Water Based/Light Corrosive	NA	\$36.40

TOOL AID

PROFESSIONAL AUTOMOTIVE TOOLS



TIRE WHEEL STEP

- Mount on tires from 14" thru 20"
- Aids in reaching difficult areas by use of elevating the tech

TA19600

\$96.88

GREASE AND LUBE

LINCOLN

18 V High-Amperage Lithium Ion Batteries Provide Outstanding Run Times



These Kits feature the latest digital technology

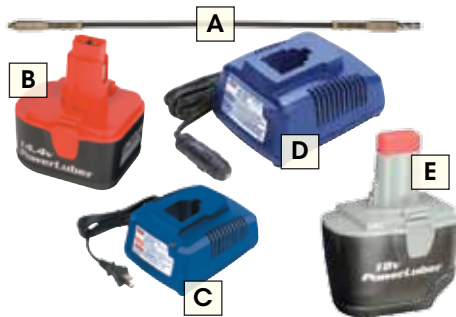
- LCD flow meter displays grease output, cartridge level, and battery charge level. It also prevents over lubrication and wasted grease
- Two-speed design delivers outstanding flow and pressure
- LED lights up fittings when under equipment or in shaded areas
- 36" long-reach hose with spring guard
- Ergonomically designed and balanced for comfort
- One hour fast charger rapidly charges the 3.0 amp batteries.



NEW!

Item #	Fits	Price
LN1862	18-Volt Lithium Ion Kit	\$402.35
LN1864	18-Volt Lithium Ion 2 Battery Kit	\$524.43

LINCOLN Power Luber Accessories



Cordless Grease Gun Parts for Lincoln Series Grease Guns

Item #	Pic	Part	Info	Fits	Price
LN1224	A	Hose	24"	All	\$32.68
LN1230	A	Hose	30"	All	\$35.69
LN1236	A	Hose	36"	All	\$41.29
LN1401	B	Battery	HD	14 Volt	\$96.41
LN1410	C	Charger	AC 120v	14/18 Volt	\$55.36
LN1415A	D	Charger	12V Car	14/18 Volt	\$56.92
LN1801	E	Battery	HD	1840Series	\$100.51
LN1861		Battery	Li-Ion	1860s	\$180.22
LN1850		Charger	Li-Ion	1860s	\$81.32

LINCOLN Lincoln: The "Originator of the Battery-Operated Grease Guns"

- Two-speed transmission gets the job done quickly - 300% greater grease flow (up to 9 oz. per minute) - 35% more operating pressure than any other "cordless" gun unclogs stuck fittings - A patented stroke indicator button for grease flow measurement
- Best grease output in cold temperature operation (down to 10°F). Overload protection.



LN1844

\$345.61

LINCOLN



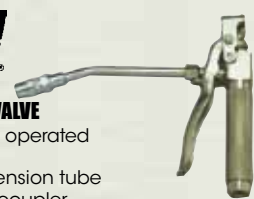
MECHANICAL OIL DISPENSING METER

- Use with air operated oil dispensing pumps
- 3-1/2" diameter, inlet/outlet 1/2" NPT(f)
- Dial Total 16 quarts, dispensing graduations 1/4 quart
- 10" flex with nipple, dispenses 4 gallons per minute

LN877

\$405.96

LINCOLN



HIGH PRESSURE GREASE CONTROL VALVE

- Use with power operated Lubriguns
- Includes 6" extension tube and hydraulic coupler - withstands 10,000 p.s.i.

LN740

\$140.51

LINCOLN



FULLY AUTOMATIC AIR GREASE GUN

- Fully automatic, continuous operation, Variable-speed trigger
- 30" high-pressure hose with coupler and attachment clip
- Includes a combination filler nipple and bleeder valve
- Pump Ratio: 40:1 at 150 psi
- Max. Grease Pressure: 6,000 psi (414 bar)
- Air Pressure Range: 40 - 150 psi (2.8 - 10.3 bar)

LN1162

\$102.89

LINCOLN

50:1 GREASE PUMP

- Includes #740 Grease Control Valve and #81387 Universal Swivel, and four wheel band dolly
- A standard metal follower plate with a flexible wiper edge cleans the drum and helps prime the pump to use more of the available grease. A heavy duty 1/4" Air Coupler and Nipple are also included.
- Fits on a 120lb factory grease container



50:1 Double Acting Grease Pump

LN6917

\$870.54

TITAN™



NEW!

POCKET NEEDLE LUBRICATOR

- Push button delivery system allows precise control over placement of lubricant
- Machined aluminum body for extended life
- Designed for intricate and delicate machinery

TN15200

\$9.98

TEKZ



NEW!

70 PIECE GREASE FITTING ASSORTMENT

- Top quality components packed in an easy pick package
- Contains the most popular sizes

TZ45215

\$14.44

Performance Tool

70 PIECE GREASE FITTING ASST.

- Contains 9 popular sizes in SAE and Metric Sizes
- Convenient re-sealable plastic case



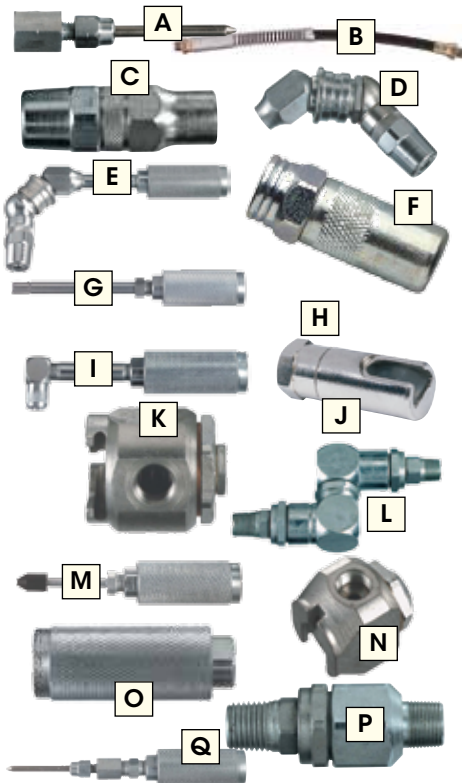
PMW5215

\$12.09

FLUID RECOVERY, GREASE AND LUBE

LINCOLN High Pressure Grease Fittings and Adaptors

Universal and Popular Fittings for Manual, Air, and Hydraulic Lubricating Equipment.



Item #	Pics.	Fits	Price
LN5803	A	Needle Nozzle	\$11.21
LN5812	B	12" Hose	\$18.13
LN5818	B	18" Hose	\$20.33
LN5845	C	Hydraulic Coupler HD	\$12.09
LN5848	D	360° Hydraulic Coupler	\$48.90
LN5849	E	360° Degree Extension Coupler	\$62.59
LN5852	F	Standard Hydraulic Coupler	\$6.37
LN5852-54	F	Standard Hyd. Coupler (54 Pack)	\$171.50
LN5855	G	Straight Extension	\$36.95
LN5858	H	Two Way Extesion Adaptor	\$40.66
LN5859	I	Locking Coupler	\$28.42
LN5861	B	36" Hose	\$36.51
LN5883	J	Angle Grease Fitting	\$8.57
LN80933	K	Button Head Coupler 7/8"	\$70.20
LN81387	L	Z Swivel 1/4 MPT x 1/2-27 Male	\$69.19
LN83278	M	U Joint Attachment	\$44.24
LN83594	L	Z Swivel 1/4"x1/4"	\$96.15
LN81458	N	Button Head Adpt. Coupler 5/8"	\$53.82
LN81980	O	1/8" Sleeve Locking Adapter	\$23.71
LN82399	P	Swivel for Air Pumps 1/4 NPT - 1/2"-27	\$37.05
LN82784	Q	Needle Adapter Extension and Locking Sleeve	\$26.31

LINCOLN



HEAVY DUTY LEVER GREASE GUN

- Heavy Duty Construction
- Three way loading
- Positive priming with "flip over follower"

LN1142 **\$29.23**

LINCOLN



LEVER GREASE GUN

- 18" Whip hose and coupler.
- Fast one-hand operation
- Follower flips over for use with cartridge 16 oz. bulk 14.5 oz cartridge lube capacity

LN1147 **\$39.49**

LINCOLN



PISTOL GREASE GUN

- Includes 12" flexible grease hose and coupler.

LN1133 **\$47.18**

LINCOLN



18 GALLON PRESSURIZED OIL EVAC SYSTEM

- Designed to provide an affordable option to draining, transferring and evacuating used oil quickly and safely
- 18-gallon tank includes a preset air regulator that allows the use of standard shop air up to 150 psi.
 - 14-inch telescoping bowl with a height adjustment range of 45 to 72 inches.

LN3601 **\$290.11**

LINCOLN



25 GALLON FUEL CADDY

- Large capacity 25-gallon welded steel tank
- 2-way rotary moves 1 gallon per 12 revolutions
- 7' (2.1m) long wire-reinforced fluid transfer hose
- Easy-to-read sight gauge
- Fire-screened vent cap prevents tank pressurization
- Includes ground wire and anti-spark skid pads

LN3675 **\$635.90**

JohnDow Industries



25-GALLON GAS CADDY U.L. APPROVED

- 25-Gallon Steel Tank, Heavy-duty, UL Listed cast iron pump with carbon vanes
- Two-way operation, one gallon for every 12 revolutions, with fill level gauge
- Heavy-duty 10" steel wheels
- Ground wire and clamp

JDFC-25GC **\$810.46**



NEW!



GREASE JOINT REJUVENATOR MASTER PROFESSIONAL MODEL

- Opens clogged grease fittings & joints
- Cleans & replenishes old & dirty grease fittings
- Loosens dried grease in joints

IP7863 **\$74.57**



PROFESIONAL GREASE JOINT REJUVENATOR

- Opens clogged grease fittings & joints
- Cleans and replenishes old and dirty grease fittings
 - Loosens dried grease in joints
 - Cleans ways and stays in milling machines and lathes
 - Lubricates bearings on farm, lawn & construction equipment

IP7862 **\$53.25**



*Factory Drop Ship

FLEET SWEEPER FUEL TRANSFER AND FILTRATION SYSTEM

- Cleans & transfers diesel fuel, use on: Trucks, Tractors, Farm Equipment, 55 Gallon Drums and Storage Tanks
- Water blocking filter with clear sight glass
 - Special wands included for accessing the bottom of the fuel tank
 - Includes hoses & quick disconnect fittings
 - Rotary Vane Pump 120V AC (6.5 Amp)
 - Flow Rate: 18 GPM, Input: 1" Diameter, Output: 3/4" Diameter
 - Filter: 10 Micron (Water Blocking)
 - Dimensions: 12" W x 20" H x 13" D, 32lbs

IP9049M **\$1,882.28**

ATF SERVICE, FLUID RECOVERY AND TRANSFER



Fluid Evac and Replacement Systems

Mityvac fluid evacuators are ideal for removing fluids from small tanks and reservoirs. These units are lightweight and portable, and include integrated reservoirs. Applications include evacuating engine oil, coolants, transaxle grease, and power steering, transmission, and brake fluid. Hoses and general application fittings included.



Item #	Pic	Capacity	Pump	Price
MY7201	A	2.3G	Pump Press/Vac	\$127.18
MY7300	B	2.3G	Air Vac	\$141.03
MY7400	C	1.9G	Pump Vac	\$96.41



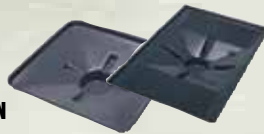
ATF REFILL ADAPTOR KIT WITH HOSE

- Converts MV7201 Fluid Evacuator Plus into an automatic transmission refill system. Quick-change coupler allows fast adaptor changes
- Brass ball valve controls the flow of fluid
- Ten (10) adapters fit Ford, Toyota, BMW, Honda, Nissan, VW, Audi, and Mercedes transmissions
- Includes custom-molded storage case for adapters

MYMVA7216 **\$158.17**

TRANSMISSION DRAIN FUNNELS

Transmission Drain Funnel Heavy-duty plastic lift drain funnels extend the catch area of any lift drain.



TRANSMISSION DRAIN FUNNEL 22" X 23"

AL17892 **\$19.30**

OVER SIZE TRANSMISSION DRAIN FUNNEL 24" X 36"

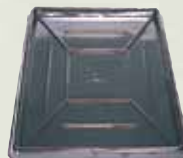
AL17902 **\$56.77**



30 QUART MULTI DRAIN TUB

- 30 quart heavy-duty, plastic drain tub

AL17922 **\$50.84**



PLASTIC DRIP PAN

- Made of durable polyethylene material
- Dimensions are 24" x 36" x 1 1/2"

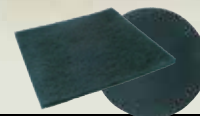
AL19722 **\$27.60**



TRUCK DRAIN ON WHEELS

- Easily holds up to 60 quarts
- Equipped with 4 rollers and a handle
- Height 10", width 24 1/2", length 43"

AL19122 **\$225.48**



Funnel Filters

Porous filter material allows fluid to quickly pass through into funnel or pan.

LS38750	15" Round Oil Splatter Protective Pad	\$10.86
LS38780	22" Square Oil Splatter Protective Pad	\$25.05



Rugged Portable Adjustable Height Oil Lift Drains

Item #	Size	Reach	Funnel	Price
AL11102	8 Gal	39"-60"	13"	\$127.94
AL17432	18 Gal	36.5"-77"	15"	\$209.95



4.5 Gallon Recovery Containers with Easy Pour Out Spouts

Item #	Use	Color	Price
AL17942	Oil	Black	\$22.44
AL17952	Antifreeze	Green	\$22.44



18" Funnel Portable Oil Recovery Drains with Spouts

Heavy Duty Poly Drains with 2.5" Swivel Castors. 18" Funnels with Strainer Avoids Drain Plug Loss

Item #	Size	Reach	Drain	Price
JDI-18DCP	18 Gal.	48"-71"	Yes	\$188.21
JDI-8DCP	8 Gal.	48"-67"	No	\$102.53



ATF Refill Systems

Dispenses fluids to fill or top-off master cylinders, coolant bottles, automatic transmissions, differentials, power steering and other reservoirs.

- Performs hydraulic brake & clutch bleeding with additional adaptor purchase
- Large 1.2-gallon (5-liter) fluid capacity

ATF REFILL SYSTEM MYMV6400 **\$196.41**



ATF REFILL SYSTEM KIT WITH ADAPTORS MYMV6410 **\$331.73**



IN LINE TRANSMISSION FLUID EXCHANGER

TransTech III is designed to exchange virtually all of the used automatic transmission fluid in a vehicle's transmission by the in-line process

- 12-volt DC power makes the unit portable.
- Two 26 quart reservoirs. Service can be completed in 10 minutes. Comprehensive cooling line adapter kit included

MTV500-1100 **\$5,273.04**

SHIPS BY TRUCK

Transmission Service with MotorVac is an Excellent Return on Investment



TRANSTECH IV

Connect to a transmission cooler line and press one button and walk away, or use the dipstick exchange which requires no additional tools or adaptors.

- Includes a complete adaptor kit
- Drain pan feature allows operator to drain transmission pan for a convenient and mess-free filter change. 26 quart reservoir

MTV500-1125 **\$5,974.73**

PLEWS Painted Oil Measures with Auto Spouts

Thumb operated valve controls flow, flip action locks valve open. 14" flexible metal spout with tapered 1/2" OD



PL75668 8 Quart **\$63.49**

FLUID HANDLING AND OIL CHANGE



NEW!



LOW PROFILE ECONOMY TRUCK DRAIN WITH PUMP

Ideal for oil draining trucks where a pit or hoist is not available
Large 18 Gallon baffled tank captures oil and transports with ease

- Large metal screen
- Convenient rotary hand pump facilitates easy evacuation to large oil tanks

IN8878

\$324.41



17 GALLON OIL TRANSFER TANKER

SHIPS BY TRUCK

- 5" diameter freewheeling casters.
- Pumps 5 gal./min. through an 8' transfer hose.
- Transfer Tanker can also be used for transferring used antifreeze.
- Floor space is 24" x 42", and 9-1/2" high.

OT5077

\$970.70



SHIPS BY TRUCK

LOW PROFILE TRANSFER TANKER

- Handle is removable for easy storage.
- Screen attached to reservoir allows Transfer Tanker to be stored on its side when empty.
- Only 7-1/2" from floor to top of reservoir.
- Comes equipped with a pneumatic pump (No. 529966) and a 15-gallon reservoir.

OT5097

\$981.29



7 PIECE OIL FILTER AND SOCKET SET

- Covers All Mercedes-Benz Applications and most VW/Audi, BMW, Saturn, Toyota, Mazda and GM
- Covers Ford Escape Hybrid, Dodge Sprinter, Jeep and Volvo and most cars in the American market

AH2101

\$113.49



OIL FILTER CUP SET

- Oil Filter Wrenches are 93mm (36 flutes), 74mm (14 flats) and 76mm (30 flutes); Tools are 3/8" Drive
- Oil Filter Sockets are 24mm and 36mm Hex (6 flats); Tools are 3/8" Drive
- Carrying Case Included
- Set Covers Most 1988 - 2010 Ford Models

AHF2500

\$80.13



Save Clean Up And Labor Time

AST Custom Application Funnel Prevents The Mess That Normally Happens When Trying To Refill Vehicles That Have The Protective Cover Inside The Oil Head. they Are Made Of Durable Abs Plastic and Custom Seal Right On To The Head Cover. these Save Time And Mess!

AHOFAUD1000	Audi Vw Bmw Mercedes Oil Filler Funnel	\$68.35
AHOFGMRD08	Applicable to: Cadillac: CTS, Chevy: Cobalt, Silverado, Tahoe and Vans, GMC: Sierra, Pontiac: Grand Prix, Saturn: SL1, Ford: Explorer and F150	\$30.46
AHOFTOY1001	Toyota Oil Filler Funnel	\$68.35
AHOFTOY1038	Threaded Oil Filler Funnel For Toyota & Lexus	\$30.48
AHOFSU1042	Subaru Oil Filler Funnel	\$30.81



NEW!

8 QT. DISPENSER WITH LID AND CAP

- 8 Quart Dispenser with a spout cap and lid to keep out dirt, dust and other contaminants. Many large SUVs and trucks now require more oil.

AL19702

\$22.46

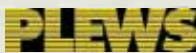


2 PIECE THREE WAY FUNNEL

- Two Piece Three-way Funnel

AL19802

\$7.19



Plastic All Purpose Utility Funnel

PL75070

2 Quart

\$4.92

PL75072

6 Quart

\$7.34



3/8" DRIVE 11 PIECE PIPE PLUG IMPACT SOCKET SET

- Set contains 4-Point Male sizes 3/16" to 3/8" and Female sizes 1/4" to 3/8". Male Sizes 3/16", 1/4", 9/32", 5/16", 11/32", 3/8". Female Sizes 1/4", 9/32", 5/16", 11/32", 3/8"

GY1211P

\$48.03



SHIPS BY TRUCK

AUTOMOTIVE OIL FILTER CRUSHER

- Cabinet surrounds the high pressure hydraulic hose for added safety
- Easy to operate, specially designed door channel prevents leakage
- Pump/Type: Air/Hydraulic, size Ht: 28.5", Dp 12.75
- Filter Limits Height: 7.5, diameter: 6"
- Requires filter regulator/lubricator (not included).

JDAFC-100-94

\$2,288.46



2 PIECE OIL FILTER SET

- 2-piece tool sets include 12" and 15.5" sizes
- Oil Filter Pliers Capacity 2-3/4" - 4-1/4", and 2-1/2" - 5-1/2"

CLOF-1

\$73.47



1/2" DRIVE 8 PC. PIPE PLUG SOCKET SET

- Set Contains 8 Pieces, 4 Point Male sizes 1/4" to 5/8".
- Male Sizes 1/4", 9/32", 5/16", 3/8", 7/16", 1/2", 9/16", and 5/8"

GY1308P

\$52.10



OIL CHANGE

Popular Oil Filter Wrenches



Oil Change Station



A



C



D



E



F



G



H



I



J



K



L



M



O



P



Q



R



S



T



U



V



W



X



Y



Z

Item #	Label	Style	Size	Flute	OEM	Brand	Price
AH2124	A	Cup	24mm	6 pt	BMW Ecotec	AST	\$21.67
AHTOY640	C	Cup	64mm	14	Toyota Lexus	AST	\$19.43
AHTOY730	D	Cup	73mm	14	Toyota Lexus	AST	\$19.80
AHMO219	E	Cup	74mm	14	Toyota Mazda	AST	\$20.55
AHJA9015	F	Cup	90mm	15	Jaguar	AST	\$18.22
AHF7630	G	Cup	76mm	30	Ford	AST	\$17.19
AHF9336	H	Cup	93mm	36	Ford New	AST	\$16.35
KD3941	I	Swivel	64-76mm	Friction Band	Universal	KD	\$18.75
KD3942	J	Swivel	73-83mm	Friction Band	Universal	KD	\$18.75
KD3943	K	Swivel	89-99mm	Friction Band	Universal	KD	\$19.87
KD3944	L	Swivel	96-111mm	Friction Band	Universal	KD	\$21.41
LS54200	M	Swivel	4.28-4.75"	Band	Universal	Lisle	\$13.21
LS54300	N	Swivel	5.25-5.75"	Band	Truck	Lisle	\$13.69
KD2320	O	Ratchet	4.12-4.65"	Band	Truck	KD	\$24.62
KD2321	P	Ratchet	4.65-5.15"	Band	Truck	KD	\$24.62
KD2322	Q	Ratchet	5.15-5.65"	Band	Truck	KD	\$24.62
OT6903	R	Cup	76.5mm	NA	Ford Mazda 2.3L	OTC	\$21.78
OT6904	S	Cup	88.2mm	NA	Hyundia 3.3 V6	OTC	\$21.78
OT6905	T	Cup	66.5mm	14	Suburu 2.5	OTC	\$21.78
OT6906	U	Cup	65mm	14	Toyota Avalon	OTC	\$21.78
OT6914	V	Wrench	232-234	NA	Davco	OTC	\$42.55
OT6915	W	Wrench	382/384	NA	Davco	OTC	\$52.92
KD2320W	O	Ratchet	4-1/8" to 4-21/32"	XW Band	Truck	KD	\$30.75
KD2321W	O	Ratchet	4-21/32" to 5-5/32"	XW Band	Truck	KD	\$30.75
KD2322W	O	Ratchet	5-5/32" to 5-21/32"	XW Band	Truck	KD	\$30.75
ET988	X	Wrench	2.53.7	Stubby 3 Leg	Universal	Cal-Van	\$13.43
ET987	Y	Wrench	2.54.75	3 Leg	Universal	Cal-Van	\$18.90
AHBM1276	Z	Cup	76mm	12	BMW	AST	\$18.29

Item # Description Price

Tough, Stainless Steel Band with Permanently Bonded Textured Coating for Superior Gripping Power won't Slip. Swivel handle, with adjustable tension

LS57010	Swivel Grip Oil Filter Wrench 2.375" - 2.625" (60.3-66.7)	\$14.64
LS57020	Swivel Grip Oil Filter Wrench 2.875" - 3.25" (73 - 82.5mm)	\$14.15
LS57030	Swivel Grip Oil Filter Wrench 3.5" - 3.875" (88.9 - 98.4mm)	\$14.15
LS57040	Swivel Grip Oil Filter Wrench 4.125" - 4.5" (104.7-114.3)	\$15.10



END CAP OIL FILTER WRENCH SET

- 17 End Cap Filter Wrenches
- Includes the new end cap for Toyota canisters.
- Intermittent Sizes 65mm up to 100mm
- Fits almost all vehicles on the USA market

LS54880

\$97.09



OIL CAP AND FUEL FILTER CUP WRENCH SET

- Include: 65/67mm - 14 Flutes, 68mm - 14 Flutes, 74/76mm - 15 Flutes, 76mm - 14 Flutes, 76mm - 30 Flutes, 80mm - 15 Flutes, 86mm - 16 Flutes, 93mm - 15 Flutes, 93mm - 36 Flutes, 100mm - 15 Flutes

LS54920

\$54.37



5 PIECE FILTER SOCKET SET

- Contains very low profile, 6 point 24mm, 27mm, 29mm, 32mm and 35/36mm sockets for use on oil and fuel filter canisters when replacing the element.

LS13300

\$43.47



FILTER SOCKET SET

Can be used for a variety of filter housing applications. All sockets are 3/8" drive.

- Set includes: 14500 - 35/36mm for Ford 6.0L Diesel Fuel and Oil Filter Housings, Mini Cooper and some BMW Oil Filter Housings, and Mack Truck Oil Filter Housing, 14600 - 29mm (1-1/8") for Dodge Cummins Fuel Filter Housing, 14700 - 32mm (1-1/4") for GM Ecotec, 2.0L, 2.2L and 2.4L, Four Cylinder Oil Filter Housing; Some Saturn & Saab

LS14650

\$29.76



24" CHAIN WRENCH

- Works on many different-shaped objects, such as square, round, hexagon, oval, etc.
- Chain grips objects ranging from 6-24"

OT6969

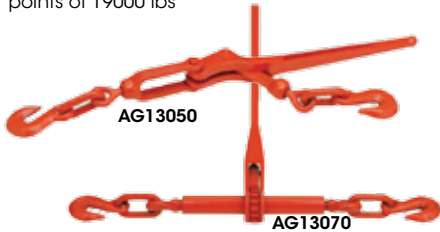
\$99.63

OIL CHANGE AND TRAILER TESTERS



Load Binders

Each feature load limits of 5400 lbs, with proof tests of 10800 lbs, and breaking points of 19000 lbs



Item #	Size	Style	Sale
AG13050	3/8"	Ball and Socket	\$42.15
AG13070	3/8"	Turnbuckle	\$52.80



ONE QUART SPRAY BOTTLE

- Industrial sprayer for use with light oils, solvents, and detergents.
- The durable polyethylene bottle is impervious to high and low temperatures.
- The trigger mechanism is resistant to damage caused by caustic materials.



AL19772

\$7.38



NEW!

6.5" HEAVY DUTY STRAP FILTER WRENCH

- Use with 1/2" drive to remove or install filters and other objects up to 6-1/2" in diameter. 3-5/8" long yoke fits into tight areas.

LS60200

\$23.60



NEW!

DRAIN PLUG PRO

- NO hot oil on hands. NO touching of hot plug. NO dropping of plug in hot oil.
- Remains attached to the tool so it won't drop into hot oil.

OT5911

\$25.91



NEW!

OIL LIGHT RESET TOOL KIT

- Eliminates the need to take the vehicle to the dealer or use an OEM scan tool to reset oil service lights.
- Electronic tool set includes the adapters and interface module required to reset the oil service lights on Volkswagen, Audi, Mercedes Benz, BMW, and Volvo.

OT3596H

\$432.65



DRUM FAUCET

- Drum faucet is 3/4" NPT male
- Auto self closing

TA17650

\$19.34



OIL ABSORBANT CLEAN UP PADS

- 15 1/2" by 20 1/2" -100 per case
- Designed to absorb most non aggressive fluids.
- Use primarily for oil clean-up.

MM07164

\$126.54



7 PIECE OIL PAN GEARWRENCH PLUG REMOVAL SET

- GearWrench technology makes oil change an easier job!
- This set contains all the popular SAE/Metric sizes to remove oil plug bolts.
- Includes color coded plug sockets

KD3870

\$77.41



ONE MAN TRAILOR SAFETY TESTING EQUIPMENT

The Super MUTT® places a load on the trailer's electrical circuits to identify wiring problems while providing remote control operation over both Air Brakes and Lights.

- Air Brakes: Perform leak down test on service and emergency lines
 - Observe slacker adjustment in real time
 - Electrical Tests: Pulsar® mode, cross, open, overloaded and shorted circuit indication
 - Amperage readout; audible and visible alerts
 - 7-way cable testing
- The Deluxe model adds functionality and accessories such as a steel face shield, mute bypass switch, and internal regulator.

Factory Drop Ship



Item #	Type	Sale
IP9008-SE	Deluxe Super MUTT®	\$2,310.88
IP9008-DL	Deluxe Super MUTT® with DL accessory	\$2,600.47



TRUCK AND TRAILER CONNECTOR CLEANER MASTER SET

- For use on 4, 5, 6, 7 (spade), and 7 (round) truck and trailer male and female terminals
- Includes: (6) Terminal Cleaners, (6) 8mm Swabs, (12) 5mm Swabs and (1) tube of DeoxIT® electrical contact cleaner/enhancer.

IP8044

\$98.59



NEW!



TRAILER PLUG CLEANER

The 7-Pin Tractor Trailer Plug Cleaner has fittings for both male and female connections.

- No more wiggling for a good connection
- Made of strong ABS plastic and steel brushes
- Cleans tractor or trailer lighting receptacles
- Cleans dirt, grease and phosphate debris off old and dirty terminals

IP7867

\$24.18



Trailer Testers

- Extends harness life and eliminates guesswork
- Great Preventative Maintenance Tool
- Promotes Safety & Limits Road Hazards

7-WAY ROUND PIN TERMINAL CLEANER

Recondition bad connectors by removing corrosion and resizing 7-way Round Pin Tractor/Trailer terminals.

- For Use On 7-way Round Pin Terminals

IP8024

\$31.93



Extends Battery Life By Restoring Connections

7 SPADE PIN MAINTENANCE KIT

- For Medium Duty Truck, SUV

IP8028

\$45.63



7 ROUND PIN TOWING MAINTENANCE KIT

Test, Clean & Restore Tractor/Trailer Connections

- For Use On 7-way Round Pin Terminals
- Test lights and ABS signal from Tractor.
- Rejuvenate & Enhance Contact Points
- Tester Features Emergency Bypass jumpers

IP8029

\$58.11



Quickly Test, Clean and Repair Truck & Trailer Connectors

6 ROUND PIN MAINTENANCE KIT

- For Light & Medium Duty Truck,

IP8027

\$34.22



4/5 PIN MAINTENANCE KIT

- For Light Duty Car, Truck and Trailer

IP8026

\$33.19



SHOP AND ROAD LIFTING EQUIPMENT

OTC



2 TON ALUMINUM JACK AND STANDS

- Lifts Two Tons and Weighs only 43 lbs.!
- Five pumps to max. height - 18".
- Low profile - 3-1/2" - makes it perfect for ground hugging, high performance cars.
- Stands 10-1/4" min. height, 15-1/4" max. height.
- Made from aircraft-grade aluminum.

OT1533 **\$508.80**

2 TON ALUMINUM RACING JACK

- Dual pump pistons - just five pumps gets you to maximum height of over 18 inches.
- Low profile - 3-1/2 inches, aircraft-grade billet aluminum
- Two-piece, 45" long handle, Removable, rubber saddle pad



OT1532 **\$415.32**

OTC



2 TON HEAVY DUTY SERVICE JACK

- The strongest jack frame in its class; features flanged edges, both top and bottom, to resist twisting.
- 3-3/4" retracted height, 30" long chassis, and 48" handle
 - 3-3/4" to 22-3/4" lifting range; 6" saddle dia.; 27" overall reach; 6-1/2" frame height.
 - Conforms to ANSI PALD Part 10.

OT1525 **\$571.12**

OTC



3.5 TON JACK AND STAND PROMOTION

- 3-1/2 Ton Service Jack with 6-Ton Jack Stands
- 3-1/2 Ton Service Jack One pump to load, three pumps to full height unloaded.
- Extra wide lift range - from 4" to 21".
- Jack stand base: 11-7/16" x 10"; height range: 15-3/4" to 24".

OT1536 **\$317.72**

2-1/2 TON SERVICE JACK

- 40" Long, 20-1/2" high height, 6" low height

OT1503A **\$189.10**



3-1/2 TON QUICK LIFT FLOOR JACK

- One pump to load, three pumps to full height unloaded.
- Extra wide lift range - from 4" to 21"

OT1526 **\$311.49**



3 TON FLOOR JACK AND STANDS PROMO

- Low 5", Ht. 20", Len 40", wt 80.5 lb.

OT1500A **\$238.79**



OTC



2-TON SUPER LOW PROFILE SERVICE JACK

- Features twin pump design - only 5-1/2 pumps to max height (unloaded)!
- Low height of just 2-3/4" makes it ideal for use on ground-hugging, high performance cars.
- Lifting range of 2-3/4" to 19-5/8". Saddle 4" dia.

OT1552 **\$259.57**

SUNEX TOOLS



2 TON LOW LIFT SERVICE JACK

- Low 2 5/8" - To High Height 19 5/8"
- Foot Pedal Provides Quick No Load Lift
- Thick Foam Handle Pad

SU6613A **\$321.98**

SUNEX TOOLS



2 TON HD ALUMINUM RACING JACK

- Low height of 3-1/2" and high height of 19"
- Quick Lift System, 5 strokes to high height with no-load Dual return springs
- Rubber saddle pad and foam bumper pad protects vehicle

SU6602ASJ **\$417.08**

SUNEX TOOLS



GARAGE SERVICE AND JACK STAND VALUE PACK

- 3 Ton Capacity Floor Service Jack with 3 Jack Stands
- Jack features low Height 4.5", High Height 19.5"
- Includes 3 Ton Jack Stands

SU6603JPK **\$237.36**

OMEGA



3 1/2 TON MAGIC QUICK LIFT SERVICE JACK

- Low profile design allows for easy access to lift points
- Wide stance and low center of gravity provide optimum stability under load stress
- Heavy gauge rolled side frames resist twisting
- A built-in by-pass device protects hydraulic system from over pumping damage
- Min height 4", Max 21.375"

OM27035 **\$328.06**

OMEGA



3 TON QUICK LIFT SERVICE FLOOR JACK

- 27 1/2" long, 85 lbs.

OM25030 **\$245.62**

AFF

2 TON LOW PROFILE SERVICE JACK

- Universal joint technology and precision release valve
- Low 2-3/4" to 20"

IN200T **\$305.07**



AFF

3 TON QUICK LIFT 2 PLUNGER DOUBLE PUMP

- Dual piston for quicker lifting action

IN3003 **\$257.15**



AFF

3-1/2 TON FLOOR JACK

- Lifts from 4" to 19 1/2"
- Universal joint technology for precise release valve control
- One-piece 50 1/4" padded handle parks upright

IN350GT **\$402.97**



2 TON PORTABLE SERVICE FLOOR JACK IN CASE

- 2 ton service jack

IN3222C **\$86.53**

SHOP LIFTING EQUIPMENT

Blackhawk Automotive

Ships By Truck

FREE

PROMO OFFER

22 TON AIR/HYDRAULIC TRUCK JACK

Compact low profile design for maximum access.

- Quick rated capacity lift using air actuated operation
- User friendly, self-returning spring minimizes operator's effort, greatly reducing fatigue
- Inline air filter traps contaminants and protects air motor for longer life
- Sturdy, one-piece T-handle with handle-top metered control release valve

Low height 9.75, high height 21.75
Handle length 48.75

FREE Pair of 22 Ton Jack Stands

BH6221

\$824.77



22 TON AXLE JACK

- Heavy-duty steel saddle lifts from 4.75" to 23" (with longest extension included)
- Compact head design with self-retracting ram
- Ram extension kit included with .75", 2.75" and 4" extensions in convenient handle-mounted holder

IN565E

\$884.19



27.5 TON UNDER AXLE HYDRAULIC JACK

- Minimum retracted height (with saddle): 8-1/4"
- Maximum lifting height (with screw extended & large adapter): 21-3/8"

OT5092

\$2,141.77



22 TON AXLE JACK

- Self-retracting, spring return feature.
- Lifting range: Screw extended: 8" min./17" max. height with adapter Screw retracted: 8" min./12-1/2" max. height
- Cylinder stroke, 4-3/4", extended screw length, 5"; PSI range, 90-145.

OT1788A

\$839.50



22 TON AXLE JACK AIR/HYDRAULIC

- Min ht. 9 1/2", max ht. 19 1/2"

OM23221

\$721.26

Blackhawk Automotive

3.5 TON FAST LIFT SERVICE JACK

- Saddle 3.375"; min height 5.5, max height " 22"
- Swivel saddle provides easy jack positioning and user safety
- Bypass device prevents over pumping
- Built-in internal safety valve ensures safe operation

BHB6350

\$197.44

Blackhawk Automotive

NEW!

2 TON MAGIC LIFT ALUMINUM JACK

- 3-3/4" low pickup height, and 18-1/2" high for complete access to performance vehicles
- Innovative design of Magic Lift, offers a quick lift for professional performance
- 48 inch aluminum handle for strength when pumping
- A built-in by-pass device protects hydraulic system from over pumping damage
- Side frame handles allow for easy lifting and carrying, only 45lbs

BH6022

\$379.49



2 1/4 TON SERVICE JACK

- Ideal for use in body shop applications, when loading vehicles onto frame straightening equipment. Long 47" handle
- Two 3-1/2" steel wheels in front and two 2-1/4" steel rear casters
 - Foot pedal equipped for fast saddle to lifting point. Super 5.75" - 32" high lift

IN2110A

\$458.03



EASY ROLLER VEHICLE MOVER

- 1500lb capacity per unit.
- Hydraulic lift mechanism with locking pin
- Fits tread with up to 12"

OT1580

\$197.25



GO-JACK FASTER CASTER SYSTEM

- Works by ratcheting
- Lifts 12500 lbs. (5,000 lbs for 4 units)
- Works on wheels from 13" to 16" diameter

UN605000

\$231.87

HEIN-WERNER AUTOMOTIVE

4 TON USA SERVICE JACK

- Dual piston action provides speed to contact and power to lift
- Extra long chassis for hard to reach points
- Height range 5" - 25.75"

HW93657

\$1,912.15

HEIN-WERNER AUTOMOTIVE

3 TON USA FLOOR JACK

- Features a safety valve to prevent overloading and the hydraulic unit is fully repairable and replaceable.
- Saddle height low - 4", saddle height raised - 23"

HW93652

\$645.75

HEIN-WERNER AUTOMOTIVE

2 TON FLOOR JACK

- True Blue Made in USA
- Low height 3.75" - high height 20"
- Single piece handle, flanged side plates for increased strength

HW93642

\$443.32



3 BAG RAK JACK

- Two ton air jack Quick and easy to use, completely mobile.
- Adjustable top swivels 360 degree's, low Height: 6.8", Full Extension: 18"

UNBTBT2

\$771.08

DOUBLE BAG RAK JACK

- Two ton air jack Quick and easy to use
- Relaxed Height: 5.75" Full Extension: 13.75"

UNDBT2

\$586.90



NEW!

TOW TRUCK WHEEL LOADER AND DOLLIE

- Aids to move vehicles with wheel/axle damage.
- Easily Load Vehicles with Damaged Wheels to tow trucks
 - Use for vehicles with broken ball joints, lost wheels, locked wheels or brakes, collision damage, and control arm failures
 - Made of lightweight aluminum and polypropylene

SM71480

\$396.70

SHOP LIFTING EQUIPMENT



AUTO LIFT FEATURE

Innovative design of Magic Lift offers a fast lift for professional performance

- Rack bar quickly raises to desired support
- Counter-weighted pawl locks racket bar securely in place



Item #	Ton	Low	High	Sale Price
OM32066	6	15.75	24.375	\$111.82
OM32126	12	19.75	30.25	\$198.31



2 TON ALUMINUM JACK STANDS

- 10-1/4" min, 15-1/4" max. height.
- The pair weighs only 11 lbs.!
- Made from aircraft-grade aluminum.

OT1582 **\$118.34**



20 Ton Heavy Duty Truck Ramps Long With 33" Retractable T-handle For Better Of Mobility



10" Tread width length: 51"; Height 9.25"

OT5268 **\$830.71**

16" Tread width, overall length 51"

OT5269 **\$942.80**



Ships By Truck

10 TON AIR HYDRAULIC SERVICE JACK

- Specifications: Lifting range 6-3/8" to 22", Saddle dia. 7-3/8" Overall reach 90", Frame height 12-3/4", Handle length 42"

OT1511A **\$2200.23**



* Ships By Truck

10 TON FLOOR JACK

- Capacity-22,000 lbs. Min.-6 1/4". Max.-22 1/8"
- Long 61" body for lifting of vehicles w/long overhangs
- Extra-wide stance for additional stability
- Foot-operated pump provides quick, efficient movement of the saddle to the load

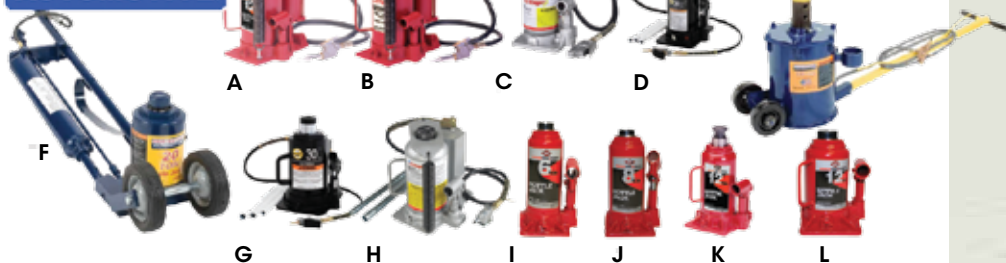
IN3130 **\$1,402.22**

5 TON SERVICE JACK

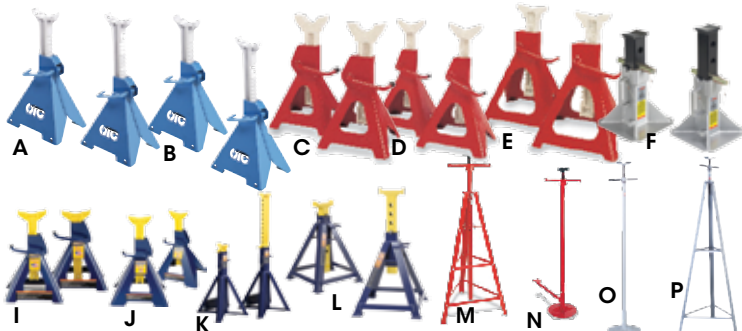
- Capacity-10,000 lbs. Min.-6 1/4". Max.-22 1/8"
- Long 56" body

IN3120 **\$1,013.52**

Bottle Jacks and Stands



Item #	Ton	Low	High	Air/Manual	Misc	Brand	Sale	
IN5512B	A	12	10"	19"	Both	Ram Screw	AFF	\$255.24
IN5520B	B	20	9.5"	17.25"	Both	Ram Screw	AFF	\$308.47
OT4313C	C	12	9.5	18.375"	Both	Ram Screw	OTC	\$345.76
OM18205	D	20	9.5	18.5"	Both	Ram Screw	OMEGA	\$259.43
HW93737A	E	10	17.5"	52.5"	Air	Jack Stand Feature	Hein Werner	\$1,996.90
HW93731	F	20	9.37"	17.6"	Air	Wheel Cart Style	Hein Werner	\$1,427.33
OM18302C	G	30	11"	18.15	Both	No Ram Screw	Omega	\$573.78
OT4321C	H	20	9.45	17.7	Both	Ram Screw	OTC	\$415.32
IN3506	I	6	8"	16"	Manual	Ram Screw	AFF	\$42.29
IN3508	J	8	7.75"	15.5	Manual	Ram Screw	AFF	\$59.05
IN3512	K	12	8.5"	17.2	Manual	Ram Screw	AFF	\$69.47
IN3514	L	12	7"	13.2	Manual	Ram Screw	AFF	\$67.08
IN3520	M	20	9.55"	18.25	Manual	Ram Screw	AFF	\$123.38
IN3522	N	20	7.75"	14.25	Manual	Ram Screw	AFF	\$119.01
IN3530	O	30	11"	18.55"	Manual	No Ram Screw	AFF	\$255.04
IN3550	P	50	12"	19	Manual	No Ram Screw	AFF	\$448.21



Item #	Ton	Low	High	Style	Sold As:	Brand	Sale	
OT1733A	A	3	12.5"	18.5"	Ratcheting	Pair	OTC	\$155.73
OT1736A	B	6	15.5"	24.5"	Ratcheting	Pair	OTC	\$207.63
IN3303	C	3	11.8"	18.55"	Ratcheting	Pair	AFF	\$45.71
IN3306	D	6	15.55"	24.12"	Ratcheting	Pair	AFF	\$81.98
IN3312	E	12	19.25	31"	Ratcheting	Pair	AFF	\$194.11
OT1780	F	22	13.87"	19.87"	Pin	Pair	OTC	\$205.16
IN3314	G	20	12"	20	Pin	Single	AFF	\$205.16
IN3310A	H	10	28"	47	Pin	Single	AFF	\$193.98
HW93503	I	3	12"	19"	Ratcheting	Pair	Hein Werner	\$106.97
HW93506	J	6	16.37"	25.37"	Ratcheting	Pair	Hein Werner	\$156.23
HW93511	K	10	30"	52	Pin (2 pos)	Pair	Hein Werner	\$912.68
HW93512	L	10	19.5"	31.5"	Pin	Pair	Hein Werner	\$675.06
IN3315A	M	2	47.88"	85.38"	Tripod/Screw	Single	AFF	\$142.00
IN3320A	N	3/4T	55.25"	81.5"	Pole	Single	AFF	\$142.02
OT2015A	O	3/4T	54.25"	81.5"	Pole	Single	OTC	\$150.15
OT2018A	P	3	58.88"	91.55"	Tripod/Screw	Single	OTC	\$177.96