

NORTOOL

TOOL & EQUIPMENT BUYER'S GUIDE

Spring - Summer 2024

Distributed by:

IR Ingersoll Rand



**Heavy Duty
Air Hammer**

Vibration Reduced, Feather Trigger
5 Piece Chisel Set, Round Shank
2600 BPM, 3" Stroke

IR-135MAXK

cps



R-134a/
R-1234yf
RRR
A/C Machine



CPS-MSX3030

THE BONE



**Bone Creeper
is Back!**

BON-6031

In Stock Now



LINCOLN

**50'
Air Hose
Reels**

3/8" Air Hose LIN-83753
1/2" Air Hose LIN-83754

emzone

12A Easy Fill
EM-45850



1234YF Replacement
Refrigerant
EM-45830

TIGER TOOL
HEAVY DUTY



Commercial Yoke Puller
for Heavy Duty Trucks

TGT-10803



PT
Performance Tool

R134a A/C Manifold Test Kit
PER-W89730

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS



**Clamp
Probe
Set**

Works with Standard Banana Plugs
Probe Swivels and Adjusts in Height

SG-21200

ASSOCIATED

**6/12 Volt
Value Charger**

- CSA listed
- Two year warranty
- "SAFE IN ANY WEATHER"

Made in USA.

ASE-US20



www.nortool.com
Canadian Owned and Operated Since 1989

NORTOOL



EV ELECTRICAL CONTACT CLEANER

Features

- Advanced formulation of cleaning solvents
- Non-Conductive Cleaner
- No Residue
- Fast Drying
- Non-chlorinated
- Deep Cleaning. Low Odour.
- Complies with Canada's 2024 VOC (volatile organic compounds) regulations.

Emzone G44 is an HCFC-free cleaner ideal for sensitive electrical and electronic parts. This non-conductive and non-corrosive cleaner dries in seconds with no rinsing required. Removes grease, oil and other surface contaminants and is safe on all metal surfaces. Suggested applications include: Circuit Boards, Computer Components, Electronics, Relay Switches, Electric Motors, Generators, Starters, Pumps, Motor Windings, Solenoids, and Compressors on Cars, Trucks, Motorcycles and on other Industrial Electrical Component Applications.

45244



**PROUDLY
MADE IN CANADA**



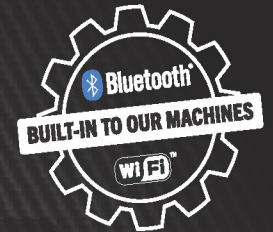
QUALITY
YOU CAN TRUST



MAXX  **AIR**
A CPS® BRAND

THE **ALL NEW** **MAXXAIR "S" SERIES** **A/C SERVICE EQUIPMENT**

INDUSTRY-LEADING SPEED AND PRECISION



MSX1234

R-1234yf

MSX3030

ONE MACHINE FOR
MULTIPLE REFRIGERANTS

R-134a/R-1234yf

MSX134

R134 MODEL
WITH OIL INJECTION

R-134a

PRECISION PERFORMANCE WITH INCREASED PRODUCTIVITY

Optimize your recovery processes with a high-capacity, oilless compressor for faster and more efficient performance.



WHERE VALUE MEETS VERSATILITY

MSX1234 AND MSX3030 ARE HYBRID COMPATIBLE

OILLESS COMPRESSOR FOR RAPID RECOVERY

Designed for high-capacity applications, our $\frac{2}{3}$ hp oilless compressor not only decreases recovery time but also enables a more thorough internal flush, ensuring your systems are cleaner and more efficient.

- Increased service life over competitor oiled compressors
- Eliminates failure issues due to improper oil filling of traditional compressors
- Unique design enables recovery of liquid refrigerant

EFFORTLESS TRANSPORT AND STORAGE

The removable tank eliminates the need for scale locks, and each refrigerant management center includes a 30lb tank (upgradeable to 50lb), two 30lb tanks included with the MSX3030 model, and hose management built into the handle assembly on all models.

BUILT TO LAST

Each refrigerant management center is constructed of a heavy-duty, durable welded steel frame, designed to withstand the harshest shop environments.

SMART TECHNOLOGY AT YOUR FINGERTIPS

Stay connected with Bluetooth® and Wi-Fi on board, as well as a 7" color touchscreen with enhanced navigation. Wireless printing is enabled for seamless record-keeping.

- 7" Color touch screen control panel allows quick access to all functions from the main screen
- Bluetooth/Wireless Adapters #TAC1100 (Optional) that enable complete pre- and post-service health checks of the system
- Refrigerant Management System monitors filter life and refrigerant usage
- Fast guided refrigerant changeover for the MSX3030 multi-refrigerant machines
- Supports multiple languages/UOM
- Includes vehicle database for oil and refrigerant charging capacities

10" FOAM FILLED TIRES

Ten inch foam-filled tires allows you to glide over shop floor obstacles effortlessly.

- No flat, maintenance-free tires
- Larger tire diameter for increased mobility

UPGRADEABLE TO A 50LB TANK

Need extra capacity? No problem. Our refrigerant management centers are upgradeable to a 50lb tank, giving you the flexibility to handle larger jobs with ease.

INDUSTRY-LEADING WARRANTY

Our MAXXAIR™ 1-2-3 Warranty offers 1-year labor, 2-year parts, and 3-year compressor coverage.

PERFORMANCE METRICS

- Recovery rate = Up to 1 lb/min
- 115v, 850 W

INCLUDES

- 2 CFM vacuum pump
- 10' power cord
- 10' hoses
- User Manual



HIGHLIGHTED FEATURES

- | | |
|-----------------------------|------------------------------|
| 1. Touch-screen LCD display | 4. Storage compartment |
| 2. High-side gauge (analog) | 5. 4" locking swivel casters |
| 3. Low-side gauge (analog) | 6. 10" foam-filled wheels |

Work / Inspection Lights



Cyclops Rechargeable LED Work Lights

- MAX-810 Red
- MAX-811 Hi-Viz Green
- MAX-812 Yellow
- MAX-813 Hi-Viz Orange
- MAX-814 Blue



WorkStar LightVisor Rechargeable Headlight

- 130 degree Beam Angle with hands-free design
- Two Brightness levels: High 600 lms - Low 300 lms
- Run Time: 3 hrs High - 6.5 hrs Low
- Waterproof - OK to use in rainy conditions IP65 rating
- Charge time: 4.5 hours

MAX-640



SearchPoint SCOUT Swivel-Head Rechargeable Pocket Flashlight

Provides a beam blast of up to 600 lumens for as long as 5 minutes then automatically reduces output to 160 lumens for the remaining run time.

MAX-4020



Combo UV & White Beam Inspection Light WorkStar LumaStik

- UV Light: 395nm, 630mW - 5 Minutes (one cycle)
- Floodlight: High - 800 lm/2hr30min; Low 150 lm/8hr
- Spotlight: 150 lm/8hr

MAX-1024



WorkStar LumaStik 12 Technician's Work / Inspection Light

- 800 lms on front floodlight
- 400 lms on back floodlight
- 50 lms on spotlight

MAX-1020



SearchPoint HORIZON Rechargeable Spotlight - Floodlight

- 4X Zoomable Lens - Spot beam to flood beam
- Light Output: 3000 lm (high) - 1200 lm - 600 lm (low)
- Run Time: 2.5 hrs (high) - 5.5 hrs - 12.5 hrs (low)
- Charge time: 3.5 hours

MAX-4100

Work / Inspection Lights - Scan Tool



**WorkStar 440
Inspector Maxx
Work & Inspection
Light
MAX-440**

LightStik Rechargeable Work Light

- Close quarters inspection & work light
- Tilts total of 120 degrees in 5 indented positions for exact placement of work light beam pattern
- 120 lumen top LED
- 600 lumen COB stick

MAX-1000



LeechLight - Hands- Free Around the Neck Work Light - Rechargeable

- Low 120 Lumens / 6 hours, High 320 Lumens / 2 hours

MAX-510



WorkStar 360 Rechargeable LED Zoom Inspection Light

- 260 lumens (1X zoom), 90 lumens (3X zoom)
- 5" Long and 2 oz. weight
- USB rechargeable cable included

MAX-360



WorkStar 630 High Performance Rechargeable LED Headlamp

- 3 brightness levels
- High - 700 Lumens - 2 hr runtime
- Medium - 400 Lumens - 4 hr runtime
- Low - 150 Lumens - 8 hr runtime

MAX-630



Rechargeable Mini Headlamp

Has 160 and 400 lumens setting.
Feature 7 LED's in a square pattern.

MAX-500

MAXXBEAM 900

High Performance Area Worklight

- Focusable beam - 5X zoom from spot to flood
- Lumens: 1200 / 650 / 320
- Run Time: 2.5 hours / 5.5 hr / 14 hr
- Wireless induction charging pad
- Four level battery indicator
- USB-C charge cable
- Rotating handle
- Powerful magnet and retractable hook
- Dimensions: 5" x 3" x 2"

MAX-900



LAUNCH

**13.3" Touchscreen
WiFi Enabled**

Advanced Automotive Wifi Enabled Scan Tool with Upgraded All-In-One Smartlink VCI

- OE-level US vehicle coverage as well as Asian, European coverage from 1996 and newer.
- Optional ADAS calibration application to calibrate LDW, RCW, AVM, NV, BSD and ACC system accurately.
- Optional Heavy Duty Add-on module available.
- Guided VW and Audi functions
- OE-Level bi-directional functionality
- Support communication protocols CAN/CAFD/DoIP and automotive communication standards J/D-PDU/RP1210

LT-THROTTLEIII

Lubricants - Brake Clean - Detailing

Lubricants ♦ Cleaners ♦ Detailing ♦ Coatings



Automotive Products

Part Number	Description	Size
EM-45001	Heavy Duty Engine Shampoo	475 g / 16.7 oz
EM-45002	Penetrating Lubricant	400 g / 14 oz
EM-45004	Brake Cleaner (Non-Chlorinated)	390 g / 13.8 oz
EM-45046	BIG Can Brake Cleaner (Non-Chlorinated)	482 g / 17 oz
EM-45006	Heavy Duty Silicone	300 g / 10.6 oz
EM-45007	White Lithium Grease	400 g / 14 oz
EM-45008	Gravel Guard	446 g / 15.7 oz
EM-45009	Air Intake Carb and Choke Cleaner	418 g / 14.75 oz
EM-45021	Corrosion Inhibitor, Lubricant	400 g / 14 oz
EM-45024	Tech Lube	320 g / 11.25 oz
EM-45025	Pro-Tex No Drip Oil	400 g / 14 oz
EM-45028	Penetrating Foam	445 g / 15.7 oz
EM-44210	Odor Stop (Neutralizer) - Vanilla	156 g / 5.5 oz
EM-44211	Odor Stop (Neutralizer) - Fresh Linen	156 g / 5.5 oz
EM-44212	Odor Stop (Neutralizer) - Citrus Lime	156 g / 5.5 oz
EM-44213	Odor Stop (Neutralizer) - New Car	156 g / 5.5 oz



18.9 L Brake & Parts Cleaner Pail (Non-Chlorinated)

- Pail with pull-up spout
EM-44140
- Pail threaded for spigot
EM-44141
- Aeroflow spigot / tap
EM-32339



Appearance Products

Part Number	Description	Size
EM-44003	Glass Cleaner Ammonia Fortified	517 g / 18.2 oz
EM-44005	Glass Cleaner	517 g / 18.25 oz
EM-44016	Carpet & Upholstery Foam Cleaner	500 g / 18 oz
EM-44018	Tire Shine Foam	500 g / 18 oz
EM-44019	Ultimate Shine	400 g / 14 oz
EM-44033	Rim Protector	227 g / 8 oz
EM-44034	Rim Cleaner	650 ml / 22 fl oz
EM-44035	Bug & Tar Remover	487 g / 17.2 oz
EM-44038	Waterless Wash and Wax	496 g / 17.5 oz
EM-44039	Salt and Stain Remover	425 g / 15 oz
EM-44061	Leather Cleaner & Conditioner	375 ml / 12.7 fl oz



Air Duster

Ideal for:

- Dashboards
- Electronics
- Office equipment
- Hard to reach areas

EM-47020 284 g / 10 oz

Please note some Emzone products are sold by case quantity only. Please check with your Dealer.

A/C Recharge Kits & Lights



A/C Deluxe Recharge & Sealant Kit

- 2 emzone 12A Refrigerants
 - 1 emzone 12A Stop Leak
 - 1 Deluxe Recharge Hose (Brass)
 - A/C Retrofit Conversion Fitting
 - A/C Refrigerant Oil Tester
- EM-45883**



Emzone A/C Recharge Kit

Includes:

- 2 emzone 12A Refrigerants
 - 1 Recharge Hose with Gauge
 - A/C Retrofit Conversion Fitting
 - A/C Refrigerant Oil Tester
- EM-45885**



12A A/C Cool Refrigerant

SIZE 170g/6oz
EM-45851



12A A/C Stop Leak

SIZE 114g/4oz
EM-45856



12A Refrigerant Easy Fill

All-in-One product for refilling A/C system. Recharge hose with trigger and gauge offers a fast and easy recharge solution.

Size: 284g/10oz

EM-45850

Recharge Hose (Brass)

Includes R134a quick connect.

Bulk: **EM-45712** Hang Pack: **EM-45713**



1/2" Tap Recharge Hose with Pressure Gauge

Includes R134a quick connect.

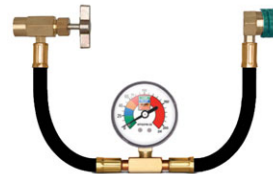
Bulk: **EM-45714** Hang Pack: **EM-45715**



1234YF Replacement A/C Cool Refrigerant

SIZE 170g/6oz

EM-45830



1/2" Valve Recharge Hose with Gauge

EM-45753

EM-45763

Bulk hose

Package hose



MAXXBEAM 900

High Performance Area Worklight

- Focusable beam - 5X zoom from spot to flood
- Lumens: 1200 / 650 / 320
- Run Time: 2.5 hours / 5.5 hr / 14 hr
- Wireless induction charging pad
- Four level battery indicator
- USB-C charge cable
- Rotating handle
- Powerful magnet and retractable hook
- Dimensions: 5" x 3" x 2"

MAX-900



WorkStar 360

Rechargeable LED Inspection Light

- 260 lumens (1X zoom), 90 lumens (3X zoom)
- 5" Long and 2 oz. weight
- USB rechargeable cable included
- Focusable between spot and flood
- Commercial grade aluminum construction

MAX-360

3-Ply Disposable Masks

3-Ply Disposable Masks

- 50 Masks per box
- 3-layer non-woven design protects against
- dust, pollen, bacteria, etc.
- Made of breathable material
- Elastic ear loop design

EM-23-575



AIR TOOLS & ACCESSORIES



3/8" "Xtreme Torque"

- Twin Hammer Super Clutch
- 700 (ft-lbs) Loosening Torque
- 50-400 (ft-lbs) working torque
- 10,500 RPM, 1750 BPM
- 2.7 lbs. net weight, 86 dBA.

• Assembled in USA

ACP-1355XL



3/8" Heavy Duty Impact Wrench

- Max torque (rev): 200 ft-lbs - 5.6" Long
- 9600 RPM - 1680 BPM
- Weighs 3.1 lbs.
- One handed push button forward / reverse

CP-724H



3/8" Dr Titanium

- Max Torque 300 ft/lbs rev.
- Weighs 2.49 lbs

IR-2115TiMAX



3/8" Dr Quiet Impact

- Only 89.7 dBA
- Max Torque 300 ft/lbs rev.
- Steel-lined aluminum hammer case
- Steel twin-hammer mechanism
- 15,000 RPM
- Weighs 2.5 lbs

IR-2115QXPA



Ultra Compact Impactool

- Only 2.4 lbs. 4.6"L x 2.4"W x 7.1"H
- 470 ft lbs Max Rev Torque 1/2" Dr
- IR-36QMAX**
- 380 ft lbs Max Rev Torque. 3/8" Dr
- IR-15QMAX**



Protective Boot for 35MAX & 15QMAX
IR-35-BOOT



550 ft-lbs Max Torque

3/8" Dr Compact Composite Impact Wrench

550 ft-lbs Max Torque
Weighs only 2.5 lbs.
Reliable Jumbo Hammer Mechanism for Max Power
ACP-1076-XL



3/8" Dr

- Max Torque: 180 ft/lbs.
- Weighs less than 3 lbs.
- Compact design.

IR-212



3/8" Stubby Impact Wrench

- Max torque: 415ft-lbs.
- 4.4" long and 2.86 lbs.
- Control can be switched for either leftor right handed operation

CP-7731



1/2" Stubby Impact Wrench

- Max. torque 460ft-lbs.
- 4.4" long and 2.1 lbs
- Durable jumbo hammer clutch

CP-7732C



1/2" Compact Impact Wrench

- Jumbo Hammer Mechanism
- 500 ft-lbs Max torque
- Low weight aluminum alloy housing
- 9,000 RPM
- 2.7 lbs. net weight, • 89 dBA

ACP-1055-TH



1/2" Impact Wrench

- Max. torque 425ft-lbs.
- Pin oil bath clutch
- One handed push button fwd/rev

CP-7620



1/2" Dr Lugnut Flip Socket Set

3/4" x 13/16", 19mm x 21mm 3" extension
IR-SK4C3F



Grease 4oz. tube.

For impact wrenches with composite housing.

IR-115-4T



Air Tool Oil

20.8 oz. bottle
Increases tool life and performance.

CP-CA000046



Air Care Kits Includes:

- Grease Gun
- 4 oz. of grease
- Bottle of oil.

• For tools with metal housing.

IR-105LBK1

• For tools with composite housing.

IR-115LBK1

Rand Lube - To Keep your Air Tools Lubricated

Specialty formulated oil for impact tools.

16 fl. oz. bottle.

IR-50P



AIR TOOLS & ACCESSORIES



1/2" VIBROTHERM DRIVE™ Impact Wrench

- 1,300 (ft-lbs) Loosening Torque @ 90 psi
- AIRCAT unmatched low noise levels, 86 dBA
- 4.5 lbs. net weight
- 3- year Warranty

ACP-1178-VXL



1/2" Titanium Impact Wrench

- 1,350 ft lbs of nut busting torque
- 930 ft lbs Max Torque
- Weighs 4.6 lbs • 98 dBA

IR-2235TiMAX



- 1,300 ft lbs of nut busting torque
- 900 ft lbs Max Torque • 88.7 dBA (Quiet)

IR-2235QTIMAX



Buy a CP-7748 and Get a FREE SS413WP

1/2" Impact Wrench

- Maximum torque 922ft-lbs.
- Breakaway torque: 1200ft-lbs.
- Convenient fwd/rev
- Ergonomic curved handle

CP-7748S



1/2" Heavy Duty Impact Wrench

- Max torque 955ft-lbs New design
- Durable twin hammer clutch
- Comfortable rubber injected grip
- Powerful and compact- Wt.: 4 lbs

CP-7749



1/2" Drive Impact Wrench

- 780 ft/lbs of max reverse torque
- Weighs only 4 pounds
- Impacting Sound Level: 90.7 dB(A)
- 1 Year Warranty

IR-2135QXPA



1/2" Dr Heavy Duty Impact

- Max. Torque: 590 ft/lbs. - 8,000 RPM

IR-231C

- In-Handle exhaust directs air away from the operator and work

IR-231HA



1/2" Impact Wrench

- Max. torque: 625ft-lbs.
- CP's SpringHammer oil bath clutch
- One handed push button fwd/rev

CP-749



CP Classic
2 Year
Limited
Warranty

1/2" Impact Wrench

- Max. torque: 425ft-lbs.
- DYNA-PACT oil bath clutch
- One handed push button fwd/rev

CP-734H

PVC Tool Covers



Protective Cover
for CP-772H
CP-CA124745



Protective Cover
for CP-734H
CP-CA129405



1/2" Killer Torque

- Twin Hammer Mechanism
- 1,295 (ft-lbs) Loosening Torque
- 200-900 (ft-lbs) Working Torque
- 4.5 lbs net weight, 86 dBA
- Assembled in USA
- 2 Year Warranty

ACP-1150



1/2" Kevlar Composite "Xtreme Power"

- Twin Clutch Mechanism
- 1,295 (ft-lbs) Loosening Torque
- 200-900 (ft-lbs) Working Torque
- 8000 RPM, 950 BPM
- 4.5 lbs. net weight, 86 dBA
- 2- year Warranty

ACP-1200-K



1/2" "Mini" "Xtreme Torque"

- Twin Hammer Super Clutch
- 700 (ft-lbs) Loosening Torque
- 500 (ft-lbs) Max Torque
- 10,000 RPM, 1,350 IPM
- 2.75 lbs. net weight, 86 dBA
- Assembled in USA

ACP-1375XL



Impact Wrench Protective Boots

AIRCAT Sleek Black Boot
ACP-1150-BB



AIRCAT Black Boot
ACP-1055-BB



Protective Tool Boots

IR-231Boot
IR-2015-Boot
IR-2115M-Boot
IR-2135M-Boot
IR-2235M-Boot
IR-2350-Boot

AIR TOOLS & ACCESSORIES



3/4" Drive Composite Quiet Impact Tool

- 1350 ft-lb Max Rev. Torque
- Weighs 7.4 lbs.
- 2 Year Limited Warranty

IR-2145QiMAX



3/4" Dr Super Duty Impact

- Compact size - 8.8" long
- Most powerful impact in its class
- Max Torque 1,200 ft/lbs in reverse

IR-261



1" Pistol Grip Impact Wrench

- Solid steel impact mechanism: Deliver 2,000 ft-lbs of torque
- Lightweight: weighs 17.97 lbs
- 360° adjustable handle
- The tool's lighter weight and adjustable handle design increase maneuverability and comfort

IR-2175MAX



1" Drive Impactool

- Max reverse torque: 2,100 ft lbs.
- Weight 21.58 lbs.
- 360 adjustable side handle rotates fully around the tool as the job demands.

IR-2850MAX-6



3/4" Composite Impact Wrench

- Twin Hammer
- "Super Clutch" Mechanism
- 1,600 (ft-lbs) Loosening
- 200-1400 (ft-lbs) working
- 8.13 lbs. net weight, 86 dBa.

ACP-1600TH-A



Heavy Duty Impact Wrench

- 1" Drive 1,920 ft-lbs
- Rocking dog clutch
- High efficiency 6 vane motor
- Three position power settings

CP-7782-6



1" Impact Wrench

- Max torque: 1,600 ft-lb (2 169 Nm)
- Weight lb (kg): 22 (9.98)
- Jumbo impact mechanism for power and durability

IR-280



1" Drive Heavy Duty Impact

- 6" extended anvil
- Max Torque: 1,770 ft lbs
- Ergonomic swept-back side handle

IR-285B-6



3/4" Super Duty Impact

- Max Torque: 1,200ft-lb
- Combined power regulator with Forward/reverse
- Twin hammer clutch, only 11.6 lbs

CP-7763S



3/4" Heavy Duty Impact Wrench

- Max Torque 1,000ft-lbs.
- DYNA-PACT oil bath clutch
- One handed push button fwd/rev

CP-772H



1" Drive Pistol Grip Composite/Low Noise (96dba) impact wrench

Maximum 2100 ft/lbs of torque on reverse

ACP-1870-P



1" Heavy Duty Impact Wrench with 8" Extended Anvil

- 1,800 ft-lb Max Torque
- Hard Hitting Twin Hammer
- 1,600 Impacts per Minute
- Free Speed 5,000 RPM
- Weighs 26 lbs
- Combined reverse & power management switches
- Combined friction ring and through hole anvil (for positive socket lock-on)

ACP-1992

AIR TOOLS & ACCESSORIES



Super Duty Hammer Kit

Kit includes:

- Cold chisel
- Tapered punch
- Straight punch
- Panel cutter

CP Classic 2Yr Ltd. Warranty

CP-714K



Super Duty Hammer Kit

Kit includes:

- Four chisels
- Punch
- Cutting chisel
- Panel cutter
- Smoothing hammer
- Standard .498" round shank

CP Classic 2yr Ltd Warranty

CP-717K



10 Piece .401 Shank Air Chisel Set With storage pouch. Made of SCM 440 high alloy steel.

SX-ACS10



2" Wide (.401 shank) Scraper for air chisels, to remove rust, old gaskets, paint, undercoating, etc.

SG-91950



Quick Change Chisel Retainer

- Securely holds .401" Parker shank chisels
- Fits most popular air hammers
- Safe to use, fast to change chisels

SG-94400



Heavy Duty Hammer Kit

Standard .401 round shank
Unique vibration dampening
Teasing trigger for slow start-up
3,200 Blows per minute

Kit includes:

- Posi-Lock retainer
- Four chisels
- Punch
- Cold chisel
- Panel cutter
- Rivet cutter
- Low Vibration

CP-7110K



Standard Duty Hammer Kit

Standard .401 round shank
Powerful and cost effective
Easy change retainer
3,000 Blows per minute

Kit includes:

- Five chisels
- Angle chise
- Cutting chis
- Rivet cutter
- Punch
- Panel cutter

CP-7111K



Heavy Duty Hammer Kit

Standard .401 round shank
Longer piston stroke for more power
Quick change retainer
2,100 Blows per minute

Kit includes:

- Four Chisels
- Punch
- Cold chisel
- Panel cutter
- Spot weld splitter

CP-7150K



Quick Change Spring Retainer
For IR-121.
IR-AVC10-183A



Optional Hook Blades for AST-WINDKO

- | | | |
|----|-------|---------------|
| A. | 24mm | AST-WINDK-08A |
| B. | 36 mm | AST-WINDK-08B |
| C. | 60mm | AST-WINDK-08C |



- .401 Shank
- 3,530 BPM
- 5 Chisels

Short Barrel Vibration Reduced.

IR-123MAXK



- .401 Shank
- 2,530 BPM
- 5 Chisels

Long-Barrel Vibration Reduced.

IR-119MAXK



This air hammer has a longer piston stroke, with up to 2,000 blows per minute is great for front end work with 5 chisels.

IR-117K

With Carrying Case.



This super duty air hammer produces up to 3,000 blows per minute This set comes with 6 assorted chisels.

IR-121-K6

Also Available, Super Duty Air Hammer - Tool Only.

IR-121/Q



Pneumatic Windshield Remover with 3 pc Blade Set

- Rear exhaust
- 20,000 oscillations per minute
- Flexible blade mount can be positioned in 12 different ways
- Blades included:
 - 57mm bent blade WINDK-08E
 - 52mm bent curved blade WINDK-08H
 - 35mm flat-nose straight blade WINDK-08J

Assorted blades available separately
AST-WINDKO

AIR TOOLS & ACCESSORIES



1/4" Drive Air Ratchet

- Under 7 1/2" long
- Ideal for under dash work
- Max 25ft/lbs torque
- 280 RPM

IR-105-D2



1/4" Drive Premium Air Ratchet

- Less than 7 1/2" long
- Nickel-plated housing
- Composite handle
- Feather touch lever
- 30 ft/lbs. of max torque
- 300RPM

IR-1105MAX-D2



3/8" Drive Premium Composite Air Ratchet

- 10.8" long
- Weighs 3.2 lbs.
- Max Torque: 65 ft lbs
- 200 RPM
- Nickel-plated housing
- Variable speed power regulator
- Feather touch trigger

IR-1207MAX-D3



Heavy Duty Ratchets

Max. Torque: 54 ft/lbs.
10.9" Long
Free Speed 160 rpm.

- IR-107XPA (3/8" Dr.)
- IR-1077XPA (1/2" Dr.)



Super Duty Air Ratchets

Max. Torque: 76 ft/lbs. - 12" Long
Free Speed 220 rpm.

- IR-109XPA (3/8" Dr.)
- IR-1099XPA (1/2" Dr.)



1/4" Ratchet

- Quiet!! Only 82 dBa
- Single Pawl Mechanism
- 5-35 (ft-lbs) working torque
- 45 (ft-lbs) Loosening, 380 RPM
- 1.6 lbs. net weight
- Ergonomically designed handle

ACP-800



3/8" Composite Ratchet with blue rubber sleeve

- Max Torque 50 ft/lbs
- 160 RPM free speed
- 4 CFM
- 2 3/4 lbs

AST-1139



3/8" Dr. Heavy Duty Ratchet

- Patented TriSpring anti-slip design
- Max. torque: 50ft-lbs.
- Powerful, fast, and compact
- Easy access in restricted areas

CP-828



3/8" Ratchet

- Quiet 82 dBa
- Twin Pawl Mechanism
- 5-70 (ft-lbs) working torque
- 90 (ft-lbs) Loosening, 270 RPM
- 2.9 lbs. net weight
- Ergonomically designed handle

ACP-802



Composite Die Grinder Kit & 8pc. Burr Set

- Composite Body 1/4" 90° Angle Die Grinder Front Exhaust - 20,000 rpm
- Composite Body 1/4" Mini Die Grinder with Safety Lever - 25,000 rpm
- 8pc. Double Cut Carbide Rotary Burr Set 1/4" Shank

AST-1221



1/4" Drive Heavy Duty Air Die Grinder Kit

- 1pc Air die grinder Includes
- 1pc Collet (3mm or 1/8")
- 2pc Spanner wrench
- 5 pcs Grinder stone (3mm or 1/8")
- 5 pcs Shank stone (6mm or 1/4")
- 1pcs Plug adapter

KTA-QA-0215B



Pencil/Air Die Grinder Kit

- With built-in regulator.
- 1/8" collet, 54000 RPM max.

SX-245K

AIR TOOLS & ACCESSORIES



Standard Duty Die Grinder

- 22,000 rpm free speed
 - Adjustable speed regulator
 - Rugged alloy aluminum body
 - Progressive lock-off throttle
- CP-872**



Mini Die Grinder

- 30,000rpm free speed
 - Built in air regulator
 - Compact and lightweight
 - Progressive lock-off throttle
- CP-876**



Mini Die Grinder

- 22,500 rpm free speed
 - Built-in air regulator
 - Compact and lightweight
 - Progressive lock-off throttle
- CP-875**



Heavy Duty Die Grinder

- Classic- 2yr Ltd Warranty
 - 24,000 rpm free speed
 - Rugged 0.5 hp motor
 - Adjustable speed regulator
 - Progressive lock-off throttle
- CP-860**



Angle Die Grinder

Quiet!! Only 82 dBA

- Angle Gear Mechanism
 - 20,000 RPM, 1.1 lbs. net weight
 - Ergonomically designed handle
- ACP-6255**



Mini Die Grinder

28,000 RPM 1/4 HP
IR-307B



Heavy Duty 25,000 RPM Grinder.

IR-308B



Die Grinder

27,000 RPM 1/2 HP 4-vane motor.
IR-409



20,000 RPM Angle Die Grinder

IR-301B



Heavy Duty angle die grinder

1/4" collet. 18,000 RPM
IR-302B



3/8" Keyless Chuck Adapter for 1/4" Impact Driver

1/4" Hex shank
TTN-16207



Reversible
Free speed 2,700 rpm

1/4" Mini Compact Drill

- Industrial quality Jacob's chuck
 - Ergonomic grip, 1.35 lbs
 - Brass bushing, planetary gearing
- CP-7300R**



3/8" Standard Duty Reversible Angle Drill

- Compact for confined spaces
 - High performance gearing-extended durability
 - Free speed 1,800 rpm
 - Progressive throttle
- CP- 879C**



3/8" Composite Reversible Drill

- 1,800 RPM Free Speed
 - 2.6 lbs net weight
 - Jacobs Chuck
 - Quiet! Only 85 dBA
- ACP- 4338**



1/2" Composite Reversible Air Drill

- 400 RPM
 - 3 lbs.net weight
 - Ergonomic handle
 - Quiet! Only 85 dBA
- ACP- 4450**



3/8" Keyless Chuck

3/8" capacity
GW-30354

3/8" Keyless Chuck

1/2" capacity
GW-31037D



AIR TOOLS & ACCESSORIES



IR Ingersoll Rand

3/8" Capacity Reversible Angle Drill

1800 rpm, 1/3 HP.
IR-7807R



3/8" Heavy Duty Air Drill

Free speed of 2000 RPM.
IR-7802A



3/8" Reversible Drill has a 1/2 horsepower reversible motor.
Free Speed 2000 RPM
IR-7802RA



3/8" Reversible Drill with Keyless Chuck
Free Speed 2,500 RPM
IR-7802RAKC



Reversible 1/2" H.D. air drill,
500 rpm, 1/2 horsepower motor.
IR-7803RA



1/2" Heavy Duty Reversible Drill with Keyless Chuck
Free Speed 500 RPM
1/2 HP motor
IR-7803RAKC

IR Ingersoll Rand



6" Vacuum-Ready Random Orbital Sander

weighs less than 2 lbs. 12,000rpm.
IR-4151

6.3" Random Orbital Sander

- Weighs less than 2 lbs
- Powerful 0.27 hp motor
- Reduced vibration and improved stability

IR-8102MAX



High Speed Sander

18,000RPM comes with 3, 4 and 5" backing pads. Built-in power regulator.

IR-317A



6" Dual Action Quiet Sander

12,000rpm
Low vibration
IR-311A



CP Chicago Pneumatic™

Dual Action Sander

- Rotary or random orbital
- 6" PSA sanding pad
- Progressive lock-off throttle
- Power regulator for precise control

CP-870



Free speed
22,000 rpm

Heavy Duty 3/8" Belt Sander

- Quick change belt replacement
- Adjustable sanding arm
- Handle exhaust & swivel air inlet
- Progressive lock-off throttle

CP-9779

TITAN

EXO BURR™

Deburring Tool



For use in any power drill.

External Deburrer

Repairs damaged Threads on Steel Bolts & Rods from 5/16" to 7/8" (8-22mm)

TTN- 51950

HUTCHINS
Self-Adjusting - Self-Cleaning

6" random orbital sander

Lightweight - low profile
HU-3500



Straight line sander

Powerful, precision assembled high performance all purpose

HU-2000

CP Chicago Pneumatic™

Kit includes:

- 3" Backing pad
- Ten 3.5" foam
- compounding pads
- One 3.5" wool pad
- Spindle wrench



Mini Pistol Disc Polisher Kit

- 25,000 rpm free speed
- 3" H&L pad
- Compact & lightweight

CP-7201P

Kit includes:

- 2" Backing pad
- 3" Backing pad
- Ten 2" sanding discs
- 320, 400 and 600 grit
- Spindle Wrench



Mini Pistol

Random Orbital Sander Kit

- 15,000 rpm free speed
- 2" and 3" H & L pad
- Compact and lightweight
- Ergonomic rubber molded grip

CP-7200S

AIR TOOLS & ACCESSORIES



IR Ingersoll Rand

3" Reversible Air Cut-Off Tool

- Ideal for cutting mufflers, sheet metal, tail pipes, nuts and bolts.
- 5 Cut-off wheels included
- Speed regulator knob
- Composite housing
- Weighs only 2 lbs
- Max Free Speed: 20,000 RPM

IR-426



3" Heavy Duty Air Cut-Off Tool

18,000 RPM motor.
IR-326

CP Chicago Pneumatic™



Heavy Duty High Speed Cutter

- 22,000 rpm free speed
- Wheel Dia. 2-7/8" (73mm)
- Adjustable speed regulator
- Rear exhaust

CP-874

IR Ingersoll Rand



Needle Scaler - Standard Duty

For surface prep work.
19 x 1/8" needles, 4600 blows per minute at free speed.

IR-125-A



Needle Package

For IR-125
IR-PF2219-22-19

CP Chicago Pneumatic™

4,800 blows per minute



Needle Scaler / Chipper

- 1/2" sq. shank
- Quick change chisel retainer
- Progressive throttle
- Adjustable sleeve, 1/8" steel needles and 1.37" wide chisel

CP-7120



IR Ingersoll Rand

4 1/2" Air Angle Grinder

- Weighs less than 3.5 lbs.
- .88 HP motor with 12,000RPM

IR-3445MAX

IR Ingersoll Rand



5" Air Angle Grinder

- Weighs less than 3.5 lbs.
- .88 HP motor with 12,000RPM.

IR-345MAX



Astro

ONYX In-Line 3" Cut-Off Tool

- Free Speed: 15,000 RPM
- Air Pressure: 90-120psi

AST-209

IR Ingersoll Rand



1/4 Hex Pistol-Grip Reversible Screwdriver

1,800 RPM 0.44 HP

IR-371

SUNEX TOOLS



H.D. Surface Blaster Kit

Air operated for fast and easy removal of rust, gaskets, paint and pin stripping. Includes 5 wheels.
4,000 RPM free speed with variable speed control and 180 degree rotating side handle.

SX-SX8200

IR Ingersoll Rand



Heavy Duty Air Low Speed Tire Buffer

Max Free Speed: 3,000 RPM

IR-327LS



High-speed (22,000 rpm) Tire Buffer.

IR-327



Heavy Duty Reciprocating Saw

pipd-away exhaust,adjustable guard.

IR-4429



Medium Duty reciprocating saw

cuts flat and curved surfaces.

IR-429

IR Ingersoll Rand



Vibration Reduced Reciprocating Saw

- 9,500 Strokes per minute
- Includes 6 blades (3 fine, 3 coarse)

IR-529



Package of 6 Bi-Metal Reciprocating Saw Blades.

- Fine - 32 teeth per inch.
- Coarse - 24 teeth per inch.

IR-P4FS-6

IR-P4CS-6

AIR TOOL ACCESSORIES



Coupler Body	Part No.
1/4" Milton	MIL-S-715
1/4" ARO style	MIL-S-775
1/4" Lincoln	MIL-S-790



Fittings	Style	Part No.
1/4 Male	Milton	MIL-S-727
1/4 Female	Milton	MIL-S-728
1/4 Male	Aro	MIL-S-777
1/4 Female	ARO	MIL-S-778
1/4 Male	Lincoln	MIL-S-791
1/4 Female	Lincoln	MIL-S-792

Bulk Couplers & Fittings

MIL-715BK
MIL-727BK
MIL-728BK
MIL-775BK
MIL-777BK
MIL-778BK
MIL-791BK



1/4" Male Coupler
"M" style
MIL-S-716



3/8" "M" style coupler
MIL-S-718



1/4" "M" style male coupler
MIL-S-719



P-Style coupler. 1/4" Female.
MIL-S-1803
P-Style coupler. 3/8" Female.
MIL-S-1805

P-Style plug.
1/4" Male. 2/pk.
MIL-S-1809



G-Style coupler. 1/2" Female.
MIL-S-1815

G-Style plug.
1/2" Male.
MIL-S-1817



G-Style 1/2" Female plug.
MIL-S-1818

T-Style Male plug.
1/4" Pack of 2
MIL-S-783



G-Style Male coupler.
1/2" MNPT
MIL-S-1816



H-Style Coupler
1/4 Female body.
Steel plated.
MIL-S-1833



H-Style plug.
1/4" Male. 2 pack.
MIL-S-1839



1/4" NPT
Chuck Clip
with female
chuck
Max 150 PSI
MIL-S-698



1/4"
Female
NPT Air
Chuck
Max 150 PSI
MIL-S-699



Compact safety lever blower.
MIL-S-148



Hi-Flo
V Style
1/4" FNPT
Body

MIL-S-764

Milton Red Push Button Safety Couplers for Air Shop - 36 SCFM



Style	Connection	Part No.
M Male	1/4 MNPT	MIL-S-99706
M Female	1/4 FNPT	MIL-S-99705

T-Style body.
1/4" Female.
MIL-S-785



A-Style body.
1/4" Male.
MIL-S-776



F-Style.
1/4" body + plug.
MIL-S-711



Coupler Repair
Kit
MIL-701



360° Swivel
Connector
TTN-19444



2-Way 360°
Swivel Splitter
Splits one 1/4" air line
into two 1/4" outputs.
TTN-19445

AIR TOOL ACCESSORIES



Great for matching couplers & plugs for dedicated hose applications!

Prevents cross contamination of air lines.

Green ColorFit Coupler & Plug Kits A-Style - 1/4" NPT



14 Piece Kit includes: (2) F-Coupler, (2) M-Coupler, (4) F-Plug, (6) M-Plug

MIL-S-314AKIT



3 Piece Kit includes one each F-Coupler, F-Plug, M-Plug
MIL-S-303AKIT

Legacy

7 Pc High Flow Coupler and Fitting Kit



1/4" NPT kit includes 1 each male and female thread coupler, 3 male fittings and 2 female fittings.

LG-A53457FZ

14 Pc High Flow Coupler Fitting Kit



1/4" NPT kit includes 2 each male and female thread couplers, 6 male fittings and 4 female fittings.

LG-A53458FZ



Red ColorFit Coupler & Plug Kits M-Style - 1/4" NPT



14 Piece Kit includes: (2) F-Coupler, (2) M-Coupler, (4) F-Plug, (6) M-Plug

MIL-S-314MKIT

3 Piece Kit includes one each F-Coupler, F-Plug, M-Plug

MIL-S-303MKIT



3 Piece Kit T-Style 1/4", includes: F-Coupler, F-Plug, M-Plug

MIL-S-303TKIT



P-Style plug.
3/8" Female. 2/pk.
MIL-S-1808

P-Style plug.
1/4" Female. 2/pk.
MIL-S-1810



G-Style plug.
3/8" Male.
MIL-S-1819



G-Style plug.
1/4" Male.
MIL-S-1855



G-Style plug.
3/8" Female.
MIL-S-1820



Pro High Flow 3-Way Manifold, 3/8" NPT

- Allows twice the flow to your air tools
 - Ideal for any high output tool and hard-to-reach places
 - Push-to-connect system
 - Maximum torque
 - Maximum RPM
 - Includes high flow couplers and plug
- LG-A86666FZ**



Brass Air Regulator

- 1/4" NPT Male x
- 1/4" NPT Female

SG-98025



AMT 3-Way Composite Coupler

Fits A style, M style, T style fittings.

Male Coupler **TTN-19305**

Female Coupler **TTN-19304**

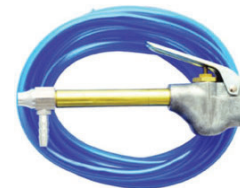


4' Extension Blo-Gun

Great to clean out engines, van, pick-up truck, etc.

- Max Working Pressure: 150 PSI
- SCFM 10.5 @ 100 PSI, safety nozzle
- SCFM 11.6 @ 100 PSI, rubber tip
- 1/4" NPT air inlet
- OSHA compliant with safety tip only

• 4' **MIL-159**



Siphon Spray Blo-Gun Kit

- Max working pressure: 150 PSI
 - SCFM 14.0 @ 100PSI
 - 1/4" NPT air inlet
- MIL-S-157**



Pocket Blowguns

MIL-S-115 Fits M-Style or any 1/4" industrial style coupler.

MIL-S-116 Fits A-Style or any 1/4" ARO 210 style coupler.

BLOW GUNS & HOSES



X1 Series Blow Guns meet or exceed OSHA standards

Quiet Flo Safety Nozzle
LG-AG1402FZ

Xtreme Flo Safety Nozzle
LG-AG1502FZ



10 Piece Blow Gun Kit X1
LG-AG1500FZKIT



Lever Blo-Gun - 1/4" NPT air inlet.
Rubber tip. **MIL-S-153**

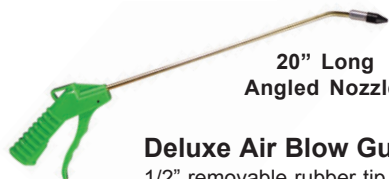


Deluxe Air Blow Gun
4" long nozzle with removable rubber tip.

AST-1717 (Green)
AST-1718 (Orange)



13" Long Angled Nozzle
Deluxe Air Blow Gun
AST-1715



20" Long Angled Nozzle.
Deluxe Air Blow Gun
1/2" removable rubber tip
AST-1716



Locking Air Pressure Regulator



0-180 PSI gauge, 1/4" NPT threads.
PER-M688



Flexzilla Air Hoses

- 300 PSI Working Pressure • 1/4" MNPT
- Extreme all-weather flexibility
- Temp range: -40F to 150F
- Abrasion and kink resistant, lightweight
- **LG-HFZ3825YW2** 3/8" x 25'
- **LG-HFZ3835YW2** 3/8" x 35'
- **LG-HFZ3850YW2** 3/8" x 50'
- **LG-HFZ38100YW2** 3/8" x 100'
- **LG-HFZ1250YW3** 1/2" x 50'



Reusable Hose End Repair Kits

- 3/8" **LG-RP900375**
- 1/2" **LG-RP900500**

Flexzilla ZillaWhip

- 3/8" x 2' ball swivel
- Increases longevity of main hose.

LG-HFZ3802YW2B



ZillaReel
3/8" x 50'

Flexzilla Retractable Air Hose Reel

- Adjustable stopper
- 3' lead-in hose with 1/4" MNPT
- Swivel mounting bracket mount on ceiling or wall

LG-L8250FZ

Flexzilla Garden Hose



- Very Lightweight, coils easily, kink and abrasion resistant. Extreme all-weather flexibility

- 3/4" GHT threads
- 150 PSI working pressure
- 5/8" x 50' **LG-HFZG550YW**
- 5/8" x 100' **LG-HFZG5100YW**

Pro Pistol Grip Water Hose Nozzle

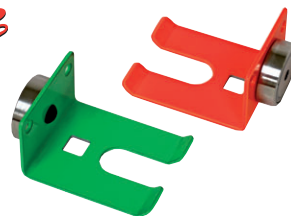
Precision flow port increases flow, pressure and power approximately 30%. Multiple spray patterns. Machined aircraft aluminium barrel. Works with 1/2, 5/8 and 3/4" water hose.

LG-NFZG02-N



Air Hose Reels Value Series

- 50' H.D. rubber hose and ball stop
- Mounting base for easy attachment to ceiling, wall or work bench
- 3/8" air hose with 1/4" NPT fitting **LIN-83753**
- 1/2" air hose with 1/2" NPT fitting **LIN-83754**



Magnet Backed - Air Hose Holders

For 3/8" and 1/2" Shop Air Hoses

Green - LIS-49750
Orange - LIS-49700



Multi-Purpose Hose Cutter

SG-14300



Max. Capacity
1 1/8 O.D.

Replacement Blades
SG-14303



Adjustable Water Spray Nozzle

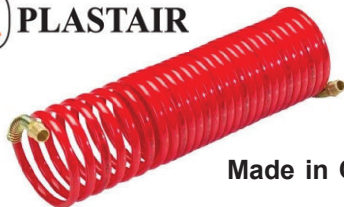
Attaches to any garden hose. Twist action adjustable valve for variable water streams
TTN-11091

AIR ACCESORIES & POWER TOOLS



1/2" NPT, AIR CONTROL UNIT

120 CFM capacity with 50 CFM regulator capacity
Filtration Degree : 5 µm
AST-2618



Made in Canada

Canadian made coil hoses are the ultimate flexible air line.

Description Part No.

1/4 X 25'	AF-1125
1/4 X 50'	AF-1150
*3/8 X 25'	AF-3125
*3/8 X 50'	AF-3150
*1/4" Fittings	



Made in Canada

Blue polyurethane coil hose is durable and is an excellent value.

Description Part No.

1/4 X 20'	AF-2520
1/4 X 30'	AF-2530
*3/8 X 20'	AF-3820
*3/8 X 30'	AF-3830
*1/4" Fittings	



3 Pc. Power Tool Cleaning Brush Set

Brush set with 1/4" shaft for use with your power drill. Includes 2" and 4" round flat brushes and a 3-1/2" dome shaped brush
PER-W4991



3/4" Cordless Impact Wrench Kit

- 780 ft lbs in reverse
- 1,100 ft lbs nut busting torque
- Weighs 7.22 Lbs.

Includes: Tool, Charger, 2 Batteries, Hard Case
2 Battery Kit IR-W7170-K22

Tool Only IR-W7170



20V Cordless Combo Kit

- W7150 - 1/2" Cordless Impact
- W5130 - 3/8" Cordless Impact
- BL2022 - one 5.0 Ah Li-Ion Battery
- BL2012 - one 2.5 Ah Li-Ion Battery
- IQv20 Charger
- TB1 - Tool Bag

IR-IQV20-2012



20V 2.5Ah Li-Ion
95% Longer run time than BL2005.
IR-BL2012



20V 5Ah Li-Ion
68% Longer run time than BL2010
IR-BL2022



Garage / Shop Blower

Compact size yet powerful 600 watt motor that produces 75 + MPH air flow.
PER-W50063

900W Corded Steam Cleaner

Great for grease, grime, stains etc. Chemical-free solution, includes 8 accessories.
PER-W50079



1/2" Drive 20V Cordless Impact Kit

- 780 ft lbs in reverse
- 1,100 ft lbs nut busting torque
- Weighs 6.8 Lbs.

Includes: Tool, Charger, 1 Battery, hard case

IR-W7150-K1



1/2" Cordless Impact Kit

- Shadowless 60 lumen LED light ring with task light mode and 4 dimmable settings
- 1,500 ft lbs nut busting torque
- Weighs 7.6 Lbs.

Includes: Tool, Charger, 1 Battery, Tool Bag

IR-W7152-K12



3/8" Drive 20V Cordless Impact Kit

- 360 Degree LED Light
- BL2022 battery, charger, TB4 bag
- Nut Busting Torque: 550 ft lbs
- Max Torque: 365 ft lbs

1 Battery Kit IR-W5133-K12

2 Battery Kit IR-W5133-K22



1/2" Cordless Impact Kit

- 360° shadowless 60 lumen LED light ring with task light mode and 4 dimmable settings
- 550 ft lbs nut busting torque
- 365 ft lbs in reverse

Includes: Tool, Charger, 2 Batteries, Tool Bag

1 Battery Kit IR-W5153-K12

2 Battery Kit IR-W5153-K22



Pack of 5, 6" long, 14" TPI, metal cutting Sawzall blades.
MW-48-00-5182

12 Amp Sawzall Reciprocating Saw

- 3/4" stroke length
- Variable speed, 0-3,000 strokes/min
- At only 7.1 lbs, it offers the best power to weight ratio in it's class.

MW-6509-31



1/2" Magnum Reversible Electric Drill

Features: An 8 Amp motor and up to 850 RPM variable speed

MW-0302-20



1/2" Capacity Driver / Drill Kit

Includes 2 Compact 18V Li-Ion batteries, 30 minute charger & case.

MW-2606-22CT



4 1/2" Small Angle Grinder

With lock-on switch setting. 11 Amp, 12,000 RPM motor for fast material removal. Long paddle provides multiple hand positions. Spindle thread is 5/8" - 11.

MW-6142-30



13 Amp 5" Small Angle Grinder

(Paddle, No-Lock) 11,000 RPM 120 AC with 2,100 Max Watts Out 5/8" - 11 spindle thread

MW-6117-31

M18 Fuel High Torque Cordless 1/2" Drive Impact Gun Kit

2 Red Lithium XC 5.0 batteries Delivers 1000 Ft/LBS of fastening torque, 1400 FT/LBS nut busting torque in reverse. 4-mode drive control w/bolt removal mode.

Weight less than 8 lbs w/battery

MW-2767-22



3/4" Drive (M18 Fuel) High Torque Impact Wrench Kit

Complete with 2 redlithium batteries, charger and carrying case

- 1500 ft/lbs nut-busting torque
- 1200 ft/lbs fastening torque

MW-2864-22



1" Drive (M18 Fuel) High Torque Impact Wrench Kit

Complete with 2 high output redlithium batteries, charger and carrying bag

- 1800 ft/lbs nut-busting torque
- 1500 ft/lbs fastening torque

MW-2867-22



M18 Jobsite Radio/Charger with

Reinforced Roll Cage and Metal Handles Quick and convenient way of charging all M18 batteries. Features 40 Watt amplifier.

MW-2792-20



7" Electric Grinder, 4.2 HP motor (15 amps), no load speed of 6000 rpm. Trigger switch with lock-on.

MW-6088-30



12V Li-Ion Cordless Grease Gun Kit

Includes 1 battery, charger and 36" hose. 16oz bulk capacity or 14oz. cartridge.

MW-2446-21XC



Straight Shear with 3.3 Amp Motor for up to 16 gauge steel and 13 gauge aluminum. 4,000 strokes per minute.

XYZ-MAKJS1602



5" Angle Grinder, 9 Amp motor, 5/8" x 11 spindle with lock-on button for continuous operation.

XYZ-MAK9005B



Metal Marker

115V. Electro-marking device, works on chrome and untreated steel tools both flat and curved surfaces.

UL-E-MM-1



7"/ 9" Variable Speed polisher With SoftStart

- Powerful 12 AMP motor
- Speed range : 0-600/ 0-3500rpm

DEW-DWP849X

4½" Small Angle Grinder with "Next Generation" 11amp Motor

- No load speed: 11,000 rpm

DEW-DWE 402



Made In U.S.A.
With Global
Material

1/2" Capacity 20V Compact Brushless Drill/Driver Kit With 2 x 2.0Ah Batteries

- 60 lumen LED spotlight
- speed range : 0-550/0-2000 rpm

DEW-DCD791D2

1/2" Drive High Torque 20V Impact Wrench Complete With 2 X 5.0Ah Batteries,

- Maximum torque of 700 FT/LBS
- Maximum breakaway of 1200 FT/LBS.

DEW-DCF899HP2



Made In
U.S.A. With
Global
Material



PRIME-LITE

Rechargeable
Work Lights



3 WATT COB Compact Pivoting Worklight

300 lumens, single LED flash light. Li-ion batteries, micro USB cord included, battery indicator, 6" overall length

PRI-24-311

2 WATT COB Mini Pivoting Worklight

180 lumens, 3 LED flash light. Li-ion batteries, micro USB charging cable included, 6 3/8" overall length

PRI-24-310



3 WATT COB Pivoting Worklight

195 lumens, 5 LED flash light. Li-ion batteries, micro USB charging cable included, 8 1/2" overall length

PRI-24-341

5 WATT COB, XL Pivoting Worklight

350 lumens, 5 LED flash light. Li-ion batteries, micro USB charging cable included, Flashing red emergency light on back, 12 1/2" overall length

PRI-24-349



115V. Electric Engraver With 6'Power Cord

Ideal for decorative engraving or personalizing your valuables, 5 minutes ON/ 5 minutes OFF operating cycle, tungsten carbide tipped bit

PER-W50036



Stylus Pro

- LED pen flashlight
- Black body, white light
- Holster

SLT-66118



MicroStream

- Super-bright ½ watt LED delivers 20 lumens for 1.5 hours
- Water resistant
- Type II MIL-SPEC abrasion corrosion resistant anodized aluminum
- Includes (1) AAA alkaline battery

SLT-66318

Black Body

SLT-66323

Red Body



Stylus / Stylus Reach

- Runs 60 hours
- Stylus Reach features a flexible 7" extension cable that allows for 14" of reach
- White LED delivers 10 lumens
- Includes 3 AAAA alkaline batteries



SLT-65018 Black body - White LED

SLT-65418 Reach 18" Flex Black

SLT-65618 Reach Black - White LED

PolyStylus Combo LED Pack

- Interchangeable colored LED modules in white, blue red green
- Runtimes:
Red - 24 hours
White, Blue, green - 48 hours
- Includes 3 AAAA alkaline batteries



Nano Light

- Just 1.47" personal flashlight
- White LED delivers 10 lumens
- Runs 8 hours
- Includes 4 alkaline button cells

SLT-73001



Key-Mate

- Easily attaches and detaches to almost anything with convenient pocket clip or key ring
- White LED delivers 10 lumens
- Runs 96 hrs
- Includes 4 alkaline button cells

SLT-72001 Black

SLT-72101



Rechargeable Mini Head Lamp

Has 160 and 400 lumens setting.
Feature 7 LED's in a square pattern.

MAX-500



Twin-Task Light- 3AA

- High powered flashlight offers the user a choice between asuper bright Xenon and LED for a long runtime light.
- Includes 3 AA batteries

SLT-51013

Titanium



2 Cell Lithium Twin-Task Light

- 2 modes: Xenon with 2 hour runtime and 3 LED mode for up to 28 hours of runtime
- Compact, water-resistant
- Includes two 3 V Lithium batteries

SLT-51015

Titanium



GEARWRENCH

Compact Rechargeable Work Light

With 300 lumens plus a 100 lumens penlight on top.

GW-83352



Dual-Light Rechargeable Flashlight with Polymer Housing and Magnet at Handle End

Waterproof, 9-1/2" long.
650 lumens Flashlight w/
3-hour run-time. 3
brightness levels & strobe.
Tail cap magnet.

BAY-NSR-9920XL



60 LED Dual-Light

Features separate flood light with a flashlight in a single housing. 11" long.
Thin-oval diameter 1.5" x 1.1"

BAY-NSP-1260



48 LED Version Available

Rotating Magnetic 24 LED Work Light

- 24 LED Rechargeable Work Light.

UL-RT2-LTCH



Flex Spot LED Light

- 180 Lumens Output
- Powerful and perfect beam
- Heavy duty earth magnet
- Bend and stay flexibility
- Includes 3 AA batteries

CL-111101



HemiPlus 2 - 8 Hour Worklight

- 1200 Lumens on Hi, 600 Lumens on low.
- 4,400 mAh Li-ion battery.
- Charges in 4 hours.

CL-114302



HEMImini

- Super bright single advanced LED
- Smart Lithium-Ion battery charged through min-USB port (100-240V) charger
- Runtime: 4 hours at 1,000 lumens
8 hours at 500 lumens

CL-114301

Optional 12V DC charger & magnet kit available.



2 - Piece Interchangeable Flashlight/ Work Light Set

- In attractive presentation case.
- Makes for a great gift.
- 2 intensity settings 250/400 lumens.
- 3 x AAA batteries included

PRI-24-456



BOUNCE LIFE



Bounce Lite on Reel with 40' Cord
Has 18/2 gauge cord, fully enclosed safety switch, heavy duty swivel hook and wall mountable self-retracting reel.
CN-12010

BAYCO



26W (2 x 13W) Fluorescent Light on Reel
40' long x 16/3 cord and one 10amp grounded receptacle.
BAY-SL-875

BAYCO



13W Fluorescent Light
40' x 16/3 cord on retractable reel with one 10amp grounded receptacle. Features spot light at the top and metal reel housing.
BAY-SL-825

BAYCO



Metal Shield Incandescent Utility Light on 40' metal reel, 16/3 cord and 10amp grounded receptacle.
BAY-SL-840
(Bulb not included)



COB/LED 30' Cord Reel, 14 Watt, 1300 Lumens.
Features rugged powder coated steel reel, over-molded rubber handle
AL-5030AM



45 Foot 20 Amp Single Tap Industrial Retractable Extension Cord Reel
• 45' H.D. industrial grade thermo plastic reel
• Clear tandem 5-R/20R receptacle with indicator light
• 5-20P on pigtail end
• 20Amp circuit breaker
• 12/3 SJTOW cord
AL-8645TFI



65 Foot Quad Tap Industrial Retractable Extension Cord Reel
• 4 NEMA 5-15 outlets
• 15 Amp circuit breaker
• 65' 12/3 SJTOW cord
AL-8665TFQ



50' Incandescent Retractable Cord Reel Work Light with Outlet & Overload Protection
• Industrial grade reel housing.
• Quick release mounting bracket.
• Convenient carry handle.
• 360 degree reflector guard with rotary hook.
• 14/3 SJTW cord.
AL-8050M-W

CLLIPLIGHT



Hemitech One Cord Reel

- Cord reel 40' / 12.2m SJOW 18/2 Rubber cable with adjustable stop
 - 620 lumens of light
 - UNI-BEAM Technology delivers a powerful, wide 84 degree beam with no shadows or hotspots.
- CL-223112**

CLLIPLIGHT



Hemitech One

- 25' / 7.6m SJOW 18/2 123115
 - 620 lumens of light
 - UNI-BEAM Technology
- CL-123107**

BAYCO



10 Amp Heavy Duty Triple Tap Retractable Reel

With 30', 16/3 cord. Features metal housing, 3 grounded receptacles and LED status light.
BAY-SL-800

BAYCO



13 Amp, 50' Triple TAP Retractable Cord Reel

Polymer housing and power status lights. 14/3 cord and resettable circuit breaker.
BAY-SL-8903



1300 Lumen, COB LED Task Light

- Push button ON/OFF switch
- 15' 16/3 SJTOW cord

AL-KTM3315G



Bounce Lite with 50' Cord

13 W Fluorescent
CN-12007



Replacement Bulb

13 Watt Bulb for all Bounce Lights.
CN-11006-17

Hook & End Cap Kit for CN-12006.
CN-12006-03



Retrofit for
incandescent
work lights.

850 lumens - 10 half-watt LED

Limited Warranty - (Must use Collar)

AL-RTL-10SB



Retrofit for
incandescent
work lights.

30 LED

AL-RTL30

Limited Warranty
(Must use Collar)



Replacement Yellow
Rotating 360° Metal Guard

AL-97400



Great for
Highway Safety
Cottages
Camping
Repair Work
Emergency
Lighting



COB Folding Worklight

- 200 Lumens
 - 3 Lighting modes: Hi - Low - Emergency Beacon
 - Pivots on base stand
 - 6 x AA Batteries included
- PRI-24-609



Freedom Lite

3 Ultra Bright LED's

- Cordless/ Rechargeable
- 300 Lumens
- 100° Optics for broad workspace coverage
- 3 hour battery life
- swivel hook

UV-413303



13W Fluorescent 25' Light

Plus Spot Work Light.

Features polarized plug with 12amp grounded receptacle and rocker On/Off switch.

BAY-SL935

Fluorescent Work Light

with 12amp grounded receptacle.

26W (2 x 13W)

25' x 16/3 cord

BAY-SL976



Metal Shield Incandescent Utility Lights

16 gauge cord
& grounded receptacle.

- 25' Cord BAY-SL425A
 - 50' Cord BAY-SL426A
- (Bulbs not included)



LED 2,200 Lumens Single Fixture Work Light with Magnetic Base

Cool to the touch.
12' 18/3 SVT cord.

BAY-SL-1514



Pink Mini Pivoting Worklight

6 1/4" long
Magnets on the back and bottom
21 LEDs
100 Lumens

3 x AAA batteries included.

PRI-24-401

6 1/4" Long Mini Pivoting Worklight

Magnets on back and bottom
21 LEDs
100 Lumens
3 x AAA batteries included

PRI-24-400



33 LEDs

Pivoting Worklight

8 1/2" Long, Magnets on back and bottom. 3 x AA batteries included

PRI-24-458

Rechargeable Pivoting Worklight

8 1/2" Long. Magnets on bottom Includes home and car chargers

PRI-24-459



Combination Industrial Work Light & Penlight Rechargeable

- USB rechargeable LiPo (Li-ion Polymer) battery
- Wide beam 220 lumen floodlight - 1.5 h run time
- Bright 135 lumen penlight with 2 h run time
- Rugged aluminium body

MAX-430



PRIME-LITE

3 Piece Worklight Set

Set consists of one each.

PRI-24-400

PRI-24-458

PRI-24-471



PRI-24-900

Pocket Light

With Magnetic Base And Swivel Clip
3 x AAA batteries included
7 LEDs

PRI-24-471



Worklight - 8" Long

24 LEDs. Powerful magnets on back and 360 hidden hook for hands free usage. 3 x AA batteries included

PRI-24-457



Flashlight/Spotlight/Worklight

Hanging hook 360 swivel handle
27 LEDs 3 x AA batteries included

PRI-24-501



3W COB Camping Lantern 400 Lumens

Uses 3 x AAA batteries included

PRI-24-560



High Intensity TACTICAL LED Light

1 Watt. 1 x AA battery included.

PRI-24-478



31/2" Long Tactical Creed/LED Light With Zoom

500 Lumens

Single AA battery included

PRI-24-805



Pocket Sized Pen Light

30 Lumens 1 Watt. 2 X AAA batteries included

PRI-24-492



1 Watt Zoom Light

70 lumens 4" long rubberized handle

3 x AAA batteries included

PRI-24-903

LIGHTING

COB Technology

High Powered 220 Lumen Pivoting Work Light

8 1/4" long
1 3/4" COB strip
3 x AA batteries
included
PRI-24-340



12 1/2" Long XL Work Light

With flashing beacon
on the back.
3 3/4" long COB strip.
350 lumens
Includes 3 x AA
batteries
PRI-24-348



**High Powered
Pocket Sized
Work Light**
Includes 3 x AAA
batteries.
PRI-24-300

TOUGH - LITE

150 Lumen Pivoting
Flashlight
Overall height 5", with a 1
3/4" long COB strip
Includes 3 x AAA batteries.
PRI-24-326



High powered Pivoting Rotating Work Light.

9 1/2" long
1 3/4" long COB
strip
6 LED'S on top
flashlight
Includes 3 x AA
batteries
PRI-24-360



PRIME-LITE

72 SMD Triple Panel Floodlight with Tripod Stand

- 3000 lumens
- Folding side panels
- Carrying handle
- AC power source
- 5' tripod stand

PRI-24-615



72 SMD Triple Panel Floodlight W/ Base Stand

- 115 Volts
- 3000 total lumens

PRI-24-614



30 SMD Floodlight W/Base Stand

- 115 Volts
- 1000 lumens

PRI-24-613



30 SMD Mini Flood-Light W/ Base Stand

115 Volts
PRI-24-610



10W COB Work Light

500 lumens
Uses 4 X AA batteries included
PRI-24-604

Combination Flashlight and Extendable COB Lantern.

140 LUMENS 9 1/2"
Long extended.
Magnetic base, hanging
ring
Includes 4AAA
batteries
PRI-24-330



Powerful Work Light

10W COB 1200 lumens Runtime:
6-7 hours. 6 x AA batteries included
PRI-24-600



3000 Lumen Portable Work Light

- Has 72 SMD/LED
- 360 degree flexible/folding base with rechargeable lithium-ion battery
- Doubles as a portable power station that includes USB outlet for charging mobile phones, tablets

DSR-SL175RU



LED Neck Light

200 lumens, uses 2 AA batteries for a runtime
of up to 2.5 hours
EZ-NK10



Xtreme Logo Rechargeable Work Light

Features: 500 lumens high, 250 lumens low with 150 lumens top spot. Magnets on bottom and back

Available in:

EZ-XL5500-RD (Red)

EZ-XL5500-GR (Blue)



15W COB LED 410 Lumen Rechargeable Slim Light

- Unique dial power switch has variable fluid adjustment from 0-410 lumens of light output.
- 10 hour work time at 50% power, 2.5hrs at full power.
- Swivel and stay base features a 20lb magnet that can be removed to shorten profile.

AST-40SL



450 Lumen Rechargeable LED Slim Light W/XL Battery

- Powerfull 3,350 mAh lithium battery provides 13 Hr work time at 50% power and 3.5 Hr at full power.
- Adjustable dial power 0-450 lumens.
- Swivel and stay base features a 20lb magnet that can be removed to shorten profile.
- Overcharge protection and auto idle mode.

AST-40SLMAX



12 LED Headlamp

Spotlight, floodlight or dual light setting.

BAY-NSP-4604B



Septor Safety Rated

- 7 ultra-bright white LEDs
- 50 lumens, 25 lumens, 9 lumens
- Runs 150 hours (single LED)
- Includes 3 AAA batteries
- Adjustable elastic head strap and rubber hard hat strap

SLT-61052



High Performance Rechargeable LED Headlamp

Updated!



WorkStar 630

- 3 brightness levels
- High - 700 Lumens - 2 hr runtime
- Medium - 400 Lumens - 4 hr runtime
- Low - 150 Lumens - 8 hr runtime
- Adjustable beam focussing - flood or spot
- Light head pivots up and down

MAX-630

LightStik Rechargeable Work Light

- Close quarters inspection & work light
- Tilts total of 120 degrees in 5 indented positions for exact placement of work light beam pattern
- 120 lumen top LED
- 600 lumen COB stick

MAX-1000



Cyclops Rechargeable LED Work Lights

Now with battery indicator, threaded socket for optional tripod, stronger magnet and improved switch.

Features:

- Flood-style light beam is clearfree from hot spots and dark spots
- 720 lumens on high
- 2 hours to 10 hours run time
- 180 degree range tilt
- Built into the handle magnetic base

Updated now 720 max lumens



MAX-810 (Red) MAX-811 (Green)



Yellow Cyclops Rechargeable 720 lumens On high Setting LED Work Light

MAX-812



Cordless Work Light / Flash Light - 400 Lumens

- Features 10 super-bright SMD LED's
- 3 watt end light
- Ball-joint allows for 360 degree tilt & swivel
- Comes complete with micro USB cable

DSR-SL360R



Cordless Work Light / Flash Light - 200 Lumens

- Features 5 super-bright SMD LED's
- 100 Lumens End Light
- micro USB charging cable

DSR-SL26RU



PRIME-LITE



30W Rechargeable COB Worklight XTreme 9

Features:

- 1500 lumens
- Dual lighting modes with 50% or 100% brightness
- Rechargeable 8000 mAh Li-ion battery
- Spring-loaded telescoping hooks with foam padding for use on hoods 48" to 77" wide

PRI-24-630



Lumenator Professional Rechargeable LED Work Light

- Flood-style light beam s clearfree from hot spots and dark spots
- 1250 lumens on high, 600 on med, 300 on low
- 2 hours to 9 hours run time
- 180 degree range tilt with nylon handle
- Includes special high performance magnet

MAX-5201



LIGHTS & SOCKET SETS

PRIME-LITE



Clip On Zoom Light

110 Lumens, 2500 x focusing lens
3 x AAA batteries included.

PRI-24-904



Headlamp With Safety Beacon on the Back. Includes 3 x AAA batteries

PRI-24-960



High Power (570 lumen) Rechargeable Flashlight

Aircraft grade aluminum housing, 3 position (High, low and strobe), cree LED

EZ-CT1105

Rechargeable Focusing Head Lamp

(380 lumens), 3 position switch (high, low and strobe), water and impact resistant

EZ-CT4205



Dual Function, Rechargeable Light and Lantern

115 lumen top light converts to 225 lumen lantern when top is expanded

EZ-CT6515



15" Long Tactical Bat Light

Aluminum body. Features low (100 lumen), high (250 Lumen) and strobe settings, includes 3AAA batteries

EZ-TBL200

GW GEARWRENCH



1/4" Drive, 51 pieces SAE & Metric Socket Set in 6 pt

Range: 3/16" to 9/16"
4mm to 15mm

GW-80300P



3/8" Drive 56 pieces SAE & Metric Standard and Deep Socket Set in 6pt

Range: 1/4" to 1"

6mm to 19mm

GW-80550P



Metric Sockets on Rail (6 Point) Standard Length

- 1/4" Dr., 13 Pc. 4mm to 15mm,

GW-80302D

- 3/8" Dr., 14 Pc. 6mm to 19mm

GW-80552

- 1/2" Dr., 13 Pc. 12mm to 24mm

GW-80702



Metric Sockets on Rail (6 Point) Deep Length

- 1/4" Dr. 13Pc 4mm to 15mm

GW-80304

- 3/8" Dr., 14 Pc. 6mm to 19mm

GW-80554

- 1/2" Dr., 10 Pc. 10mm to 19mm

GW-80704

GW GEARWRENCH

Hand Tools
Lifetime Warranty*

Size dedicated To-go socket sets

Ideal for the in the field specialist and body shop applications



8MM 1/4" drive 6 point sockets includes a magnetic impact socket.

GW-80102



10MM 10 Pc socket set in 1/4" and 3/8" drive complete with magnetic impact sockets.

GW-80319



12MM 10 Pc socket set in 1/4" and 3/8" drive, includes flex sockets and magnetic impact sockets.

GW-80576



14MM 3/8" drive socket set on rail includes semi-deep, flex and magnetic impact sockets.

GW-80945 (L.Q.)



15MM 3/8" drive socket set on rail complete with semi-deep, flex and magnetic impact sockets.

GW-80946

ADAPTERS & BIT SETS

TITAN



1/2" Dr 24" Ratcheting Breaker Bar

- Ratcheting 180° Swivel Head
- 3-way ratcheting action: right-hand thread, left-hand thread or lock
- Max torque: 376 ft/lbs. (52 kg/m)

TTN-12024

TITAN



180° Swivel Head Breaker Bars

- Heavy duty chrome vanadium steel construction.
 - 3/4" Dr. 40" Breaker Bar
- Max torque: 1000 ft/lbs

TTN-12048



5 Piece 1/2" Drive 12 Point Axle Nut Socket Set

Includes 30,32,34,36 and 39mm
For removal/ installation of axle nut and automatic transmission tail output shafts.

TTN-15345

SUNEX™ TOOLS

3 Piece Impact Reducer Set



Includes:

- 3/8" F to 1/4" M
- 1/2" F to 3/8" M
- 3/4" F to 1/2" M

SX-2343

TITAN



Impact Socket Adapters

1/2" F to 3/4" M
3/4" F to 1/2" M
1" F to 3/4" M

TTN-42356

TTN-42357

TTN-42359

2 1/4" Quick Release Magnetic Bit Holder

Auto locking drive, locking, low profile.

TTN-16020



TITAN



3 Piece Socket Adapter Set

- Adapts sockets to power drills, drivers
- 1/4" Dr, 3/8 Dr and 1/2" Dr extension bar
- 1/4" shank
- 2-3/4" overall length

TTN-12082



6 Pc Impact Socket Adapter Set

- Black Finish

TTN-12087

PT Performance Tool



3 Pc 2-1/2" Socket Adapter Set

Colour coded 1/4, 3/8, and 1/2 inch drive sizes

PER-W9035



3 Pc 8" Socket Adapter Set

Colour coded 1/4, 3/8, and 1/2 inch drive sizes

PER-W9036

SUNEX™ TOOLS



4 Pc Impact Extension Sets,

3", 5", 10" and 15" Long

- 3/8" Dr. **SX-3500**
- 1/2" Dr. **SX-2500**



9 Piece Master Triple Square Bit Set

has range of 4 to 18mm with the 14, 16 and 18mm designed for tamper-proof applications.

LIS-60850

Lisle



Lisle

Impact Driver Sets with case.

- 3/8" Drive, **LIS-29200**
- 1/2" Drive, **LIS-30200**

TITAN

61 Piece Screwdriver Bit Set

TTN-16061



Includes 2 1/2" bit holder, 6 Phillips, 5 Slotted, 13 Torx, 6 pozidrive, 12 Hex, 7 Tamper Resistant Torx, 6 Tamper Resistant Hex, 5 spanner.

148 Piece Master Bit Set

Assortment of the most popular and hard to find bits for many different applications. Contains Phillips, slotted, square drive, Torx(r), Pozidrive, inch and metric Hex, tamper resistant Torx (r), tamper resistant hex, clutch drive, spline drive, spanner, three wing and four wing drives.

TTN-16148



50 Pc. Torsion Impact Bit Set

TTN-16251



8 Pc. Impact Adapter Set in Box

TTN-40000

SOCKET & BIT SETS

GW GEARWRENCH®



Hex Bit Socket Set on Rails

- 7 Piece SAE, range 5/16" to 3/4" in 3/8" and 1/2" drive.

GW-80721

- 7 Piece Metric, range 6,8,10,12,14, 17 and 19mm in 3/8" and 1/2" drive.

GW-80720



Torx Bit (Press Fit) Socket Sets on Clip Rail.

- T10 - T55 10 piece set.

GW-80722



6 Piece Stubby Triple Square Bit Set

- In 3/8" and 1/2" Drive.
- Range: 8mm - 18mm

GW-80744



9 pc Torx Plus Bit Set

Range: TP10 to TP50

LIS-81000



7 Pc VW-Audi-Porsche Bit Set

Used on head bolts, disc brake calipers, etc.

PER-W83016



5 Piece Mor-Torq Bit Set

For new fasteners found in a variety of applications on new GM vehicles.

Range: # 0 to # 5

CTA-8140

GW GEARWRENCH®



13 Piece Female Torx Socket Set

Set, E4 to E24, on rail.

GW-80583



4 Piece Large Impact Torx Driver Set

1/2" Drive. Includes T70, T80, T90 plus a T100 with tamper proof hole.

VIM-IMPTX 800



6 Pc. 1/2" Dr. Metric Hex Bit Set

TTN-42906



5 Pc. 1/2" Dr. SAE Hex Bit Set

TTN-42925



1/2" Drive

10 Piece

Impact Hex Driver Sets

- SAE 1/4" to 3/4" range.

SX-2638

- Metric 6 mm to 19 mm.

SX-2639

GW GEARWRENCH®



41 Piece Master Ratcheting Wrench Insert Bit Set.

GW-81602



10 Piece 1/4" Drive T10-T50 Half Cut Torx. 3/4" overall length.

VIM-HCT1050



Includes Tamper-Proof 14, 16, 18mm

Stubby XZN Driver, 9 piece 4-18mm, 1/4", 3/8", 1/2" drive, magrail base..

For use on all German vehicles.

VIM-XZNS1000



8 Pc Metric Stubbie Impact Drivers for Hand and Power Impact Tools

3/8" Drive. Made from S2 Steel

(6, 7, 8, 10, 12, 14, 17 and 19mm.)

VIM-VM600



8 Pc Stubbie Impact Drivers for Hand and Power Impact Tools

3/8" Drive. Made from S2 Steel

1/4" thru 3/4" SAE

VIM-VI600



6 Piece Stubby XZN Drivers

1/4" Dr. 4, 5, 6, 8, 10, 12mm for German cars.

VIM-XZNS412

SOCKET & BIT SETS



18 Piece Long Blade Set
T10 - T50 both 4.5" and 8" long.
1/4" or 3/8" drive.
VIM-V458L



10 Piece Half Cut Stubby Torx Set
3/8" Drive - T20 through T60
VIM-IMPACT-HCT6



10 Pc 5 Point Security Driver Set 3/8" Drive
Includes SD8 through SD50
5 point security drivers with
tamper proof pin recess.
VIM-V5PSD



8 Piece XZN Triple Square Drive Set
4, 5, 6, 8, 10, 12, 14, & 16mm for German cars.
VIM-XZN100



10 Piece Half Cut Stubby XZN Set
3/8" Drive - XZN04 through XZN18
VIM-IMPACT-XZN6



26 Piece Hex Master Set.
• 13 Piece Metric Hex 2.5 - 19mm.
• 13 Piece SAE 1/8" - 3/4".
VIM-HMS26



1/4" Drive Socket and Bit Combination Set
Included a stubby and extra long drivers, 4" extension, 4mm to 13mm sockets plus a variety of Torx, Phillips, etc bits
EZ-412SS



1/4" Drive Wobble Head Ratchet / Socket and Bit Set
Includes: Wobble head ratchet handle, spinner handle, adapter, bit extension holder, 20 pcs - 1/4" x 25mm S2 bit and 12pcs 4-13mm sockets.
AST-7448



18 Piece 3/8" Dr Wobble Head Ratchet/Socket Set
6mm to 19mm, 21mm, 22mm, 24mm
AST-7447



7 Piece 1/4" Drive 6 Point SAE Flex Socket Set
3/16", 1/4", 5/16", 3/8", 7/16", 1/2".
AST-7407



12 Piece 1/4" Drive 6 Point Metric Flex Socket Set.
5mm, 5.5mm, 6 - 15mm flex sockets.
AST-7412



3/8" Drive SAE/Metric 47pc Socket Set
• 1/4" to 7/8" and 6 to 19mm sockets
• 3/8" to 7/8" and 10-19mm deep
• Ratchet and 3" and 6" extensions
KTA-A3505CR



SOCKET & BIT SETS

GW GEARWRENCH®



84pc. Master Torx and Hex Bit Set In Various Drive Sizes

Includes E-Torx, tamper Torx standard and long hex both SAE+Metric etc.

GW-80742

GW GEARWRENCH®



3/8" Drive Metric flex socket set with range of 10mm-19mm

GW-80565

GW GEARWRENCH®



3/8" Drive Metric 6pt. Shallow and Deep Impact Socket Set

Range of 8mm to 22mm, skips 20mm, plus U-joint

GW-84925N



SAE AND METRIC

232 Pc SAE and Metric Starter Set

Similar to above set plus adds shallow and deep standard sized sockets in 1/4" and 3/8" drive in 6 and 12 points. Also includes standard sized geared combination wrenches.

GW-80944



Extension Sets Packed in Trays.

- 1/4" Dr., 5 Pc., 2", 3", 6", 10" & 14"

GW-81002D

- 3/8" Dr., 4 Pc., 1-1/2", 3", 6" & 12"

GW-81200D

- 1/2" Dr., 3Pc., 5", 10" & 15"

GW-81300

Also Available Wobble Extension Sets

- 1/4" Dr., 4 Pc., 2", 4", 6" & 14"

GW-81004D

- 3/8" Dr., 4 Pc., 3", 6", 10" & 12"

GW-81201

- 1/2" Dr., 3Pc., 5", 10" & 15"

GW-81301



25 Piece Metric 6 Point Shallow Socket Set.

8mm to 26mm, 28mm to 32mm and 36mm.

GW-84933N



1/4" Dr - 6 Point Chrome Swivel Sockets.

SAE 7 piece set. (3/16" to 9/16").

GW-80310D

Metric 12 piece set. (5 to 15mm).

GW-80311



7pc Adapter and U-Joint Set

- 4 adapter sizes: 1/4" F to 3/8" M; 3/8" F to 1/4" M; 3/8" F to 1/2" M; 1/2" F to 3/8" M.

- 3 Universal joint sizes: 1/4", 3/8", 1/2" dr.

TTN-17407



1/4" Drive, 48 Piece SAE and Metric shallow and deep impact socket set. Range: 3/16" to 9/16" and 4mm to 15mm.

GW-84902



39pc. Metric 6 PT Shallow and Deep Impact Socket Set

Range of 9mm-24mm, plus 26mm, 27mm and 30mm and U-Joint

GW-84948N



1/2" Drive Metric Impact Universal Socket Set

15 Piece 6 Point Set.

10mm - 24mm.

GW-84939N

IMPACT SOCKETS & EXTENSIONS

12 Point, 3/8" Drive sockets



3/8" Drive Standard Length Impact Socket Sets:

- SAE 12pc set, 5/16" to 1"
- Metric, 13pc set. 7 - 19mm.

SX-3674

SX-3675

12 PTS
3/8"
DRIVE



13 Piece Metric Flex Socket Set

Range: 7 - 19 mm

SX-3691



80 Piece

Master 3/8" Drive Impact Socket & Accessories Set

- Standard and deep SAE & Metric sockets
- SAE & Metric flex sockets
- 3", 5", 10" and 15" extensions
- T20 - T55 external torx
- E-Series internal torx range

SX-3580



51 Piece

Metric Master 3/8" Drive Impact Socket Set

This superset has a range of 7-22mm in standard, deep and flex sockets, universal joint and 3" extension.

SX-3351



7 Pc 3/8" Dr., 9" Long Metric Flex Socket Set

Consists of 8, 10 to 15 mm impact sockets

GW-84980

3 Pc 3/8" Dr., U-Joint Impact Extension Set

Consists of 6", 9" & 12" long extensions

GW-84453



3 Pc 1/2" Dr., U-Joint Impact Extension Set

Consists of 6", 9" & 12" long extensions

GW-84721N



1/2" Drive Impact Extensions:

- 3" Long. **GW-84645**
- 5" Long. **GW-84646**
- 10" Long. **GW-84644**



Impact U-Joints

- 1/4" Dr. **GW-80101**
- 3/8" Dr. **GW-80548N**
- 1/2" Dr. **GW-80671N**



3/4" Drive Impact Extensions:

- **GW-84885** 6"
- **GW-84886** 10"



12mm x 12 point 3/8" Dr. Universal impact socket for Ford driveshafts.

SX-312ZUM



1/2" Dr. Standard Length Impact Socket Sets.

- SAE 13 pc, 7/16" to 1 1/4"

SX-2650

- Metric 14 pc, 10-19, 21, 22, 26 and 27mm.

SX-2652



1/2" Dr. Deep Impact Socket Sets

- SAE 13 pc, 7/16" to 1 1/4"

SX-2651

- Metric 14 pc, 10-19, 21, 22, 26 and 27mm.

SX-2653



1/2" Dr. Flex Impact Socket Sets

- SAE 7 pc, 1/2" to 7/8"

SX-2654

- Metric 7 pc, 13 to 19mm

SX-2655



Deep 1/2" Dr. Flex Impact Sockets

- SAE 10 pc, 3/8" to 15/16"

SX-2659

- Metric 10 pc, 10 to 19mm

SX-2658



3/8" Dr. Deep Impact Sockets

- SAE 12 pc, 5/16" to 1"

SX-3361

- Metric 13 pc, 7 to 19mm.

SX-3359

SOCKET SETS



Low Profile Impact Socket Sets

Feature Hex shank that allow the use of hand tools on them:

- 3/8" Dr metric, 6 to 19mm

SX-3362

- 3/8" Dr SAE, 1/4" to 3/4"

SX-3363

- 1/2" Dr metric, 10 to 24mm

SX-2673

- 1/2" Dr SAE, 3/8" to 1"

SX-2674



Deep 3/8" Dr. Flex Impact Sockets

- SAE 7 pc, 3/8" - 3/4"

SX-3656

- Metric 10 pc, 10 - 19mm

SX-3660



3/8" Dr., Flex Impact Socket Sets

- SAE 7 pc, 3/8" - 3/4"

SX-3654

- Metric 7 pc, 10mm, 13 - 18mm.

SX-3655

- Metric 10pc, 10 - 19mm

SX-3657



SAE & Metric Deep 1/2" Dr.

29 pc impact socket set, 7/16" to 1 1/4" & 10-19,21,22,26,27mm plus 2 flip sockets.

SX-5153DD

1/2" Drive Impact, Metric 6 Point, Standard & Deep



39 Piece Master Metric Impact Socket Set

9 - 24 mm range plus 26, 27, and 30 mm.

Plus u-joint.

SX-2669

6 Point Deep Axle Nut Socket Sets in 1/2" Drive with Storage Case.



- 4 pc, 30, 32, 34 and 36mm

SX-2838

- 7 pc, 29,30,32,34,35,36, & 38mm

SX-2839

12 Point Deep Axle Nut Sockets Sets - 1/2" Drive

4 Piece Set

Sizes 30, 32, 34 & 36 mm

SX-2837



8 Piece Set

Sizes: 29-39mm

Skips: 31,33,37mm

SX-2835



Popular single sizes available separately.

- 30mm - **SX-2800ZD**

- 34mm - **SX-2806ZD**

- 36mm - **SX-2802ZD**



1/2" Dr 12 Point Impact Socket Set

- 14 Pc SAE 7/16" to 1 1/4"

SX-2678

- 13 Piece Metric 10-24mm (Set skips 20 and 23mm.)

SX-2679



3/4" Drive 11 Pc SAE Truck Service Impact Socket Set

Range: 3/4" - 1 1/2" standard length, plus 13/16" square

SX-4682



3/4" Drive, 8 Piece Deep SAE Impact Socket Set, 6 points.

Range: 1 to 1-1/2"

SX-4681



3/4" Drive, 11 Piece Metric Truck Service Set.

Includes deep sockets in 27,30,32,33,35,36,38 and 41mm plus 17, 20 and 21mm square standard length.

SX-4011M

SOCKET SETS & RATCHETS



1" Drive, 8 Piece SAE Deep Impact Socket Set. Range: 7/8" to 1-1/2"
SX-5681



1" DR 5 PC Wheel Service
13/16 - 1-1/2"
CP-SS8205WS



3pc Flex Head Plus Extendable Ratchet Set

Monster series set includes 1/4", 3/8" and 1/2" drive giving you a 9" to 22" range.

EZ-MR482FL

Also available separately

- 1/4" Dr **EZ-MR14FL**
- 3/8" Dr **EZ-MR38FL**
- 1/2" Dr **EZ-MR12FL**



1/4", 3/8" & 1/2" Drive

3 Pc Extendable Monster Ratchet Set with locking shafts.

EZ-MR482

Also available separately

- 1/4" drive — **EZ-MR14**
- 3/8" drive — **EZ-MR38**
- 1/2" drive — **EZ-MR12**



5 Piece 90 Tooth Ratchet Set

- (3) 90 Tooth Seal Head Ratchets: 1/4" Drive x 6" , 3/8" Drive x 12" and 1/2" Drive x 16"
- (2) 90 Tooth Flex Head Ratchets: 1/4" x 6-1/2" and 3/8" Drive x 10"
- 4-degree sweep • Reversible

TTN-12175

90 Tooth Sealed Head Ratchet

Features: • 4° Sweep • Reversible

- 1/4" Dr. **TTN-12160**
- 3/8" Dr. **TTN-12161**
- 1/2" Dr. **TTN-12162**



3 Pc. Extra Long Flex HD Ratchet Set

TTN-11307

Also Available Separately

- 3/8" Dr. **TTN-11305**



Extra Long Ratchets

3 pc set (1/4", 3/8" and 1/2" drive) low profile, full chrome for easy cleaning

EZ-MR482XLC

Also available separately

- 1/4" Dr. **EZ-MR14XLC**
- 3/8" Dr. **EZ-MR38XLC**
- 1/2" Dr. **EZ-MR12XLC**



Combo 1/4" and 3/8" Flex Head Ratchet, 12" long

EZ-4S38L



Set of Long Teardrop Ratchets

With a 9" long 1/4" drive & 18" long 3/8" drive
GW-81271



3 Pc. Full Polish Teardrop Ratchet Set

1/4", 3/8" & 1/2" drive.

GW-81206F

Also available separately

- 1/4" Dr. **GW-81011F**
- 3/8" Dr. **GW-81211F**
- 1/2" Dr. **GW-81304F**



Flex Ratchet Set 1/4" & 3/8" Dr.

with cushion grips in tray. (90 Tooth)

GW-81204T

Also available separately:

- 1/4" Dr. **GW-81009T**
- 3/8" Dr. **GW-81210T**



120 XP™

4 Pc Flex-Head Teardrop Ratchet Set

Consisting of:

- 1/4" Drive, 6 3/4" long
- 3/8" Drive, Stubby
- 3/8" Drive, 11 1/2" long
- 1/2" Drive, 17" long

GW-81230P



RATCHETS & GEARWRENCHES

TITAN



3 Pc Low Profile XL Ratchet Set

- Includes 12" x 1/4" Dr, 18" x 3/8" Dr and 24" x 1/2" Dr
- 36 fine-tooth ratchet design with less than 5 degrees sweep
- Extra long design for easier access to confined areas with increased leverage

TTN-11360

- 1/4" Drive **TTN-11361**
- 3/8" Drive **TTN-11362**
- 1/2" Drive **TTN-11363**



3 Piece Set of Extra- Long Flex Head Ratchets

Includes 1/4" Drive x 12" long, 3/8" Drive x 18" long, 1/2" Drive x 24" long.

TTN- 11303



1/4" - 3/8" Dr Dual-Head Stubby Ratchet

- Like having 2 ratchets in one
- 72 tooth ratcheting mechanism

TTN-11050



Flex Head Ratchet Set

3pc set (1/4", 3/8" and 1/2" Dr) low profile ratchets

EZ-MR482XLF

Also available separately

- 1/4" Dr - **EZ-MR1412F**
- 3/8" Dr - **EZ-MR3818F**
- 1/2" Dr - **EZ-MR1224F**



3/4" Drive Ratchet

Extends from 24" to 40", locking shaft.

EZ-MR34

GW GEARWRENCH

Standard Flex Head Sets



- 8 Pc. SAE 5/16" to 3/4".

GW-9701

- 13 Pc. SAE 5/16" to 1" range.

GW-9702D



**Metric
12 Piece
Flex Head
8 to 19 mm.
GW-9901D**



4 Piece Extender

Set with 21, 22, 24 and 25mm wrenches.

GW-9903D

XL Locking Flex Head Ratcheting Wrench Sets

- 15% longer than current Flex head ratcheting wrench.
- Increased length for those hard to reach fasteners.



**13 Locking
Positions.**

8 Pc SAE long locking flex combination wrench set. Range of 5/16" to 3/4".

GW-85798



**Range
8-19MM**

12 Pc Metric long locking combination wrench set.

GW-85698

GW GEARWRENCH

Metric 16 Piece Flex-Head Ratcheting Combination Wrench Set.



8-25mm
skips 20 & 23mm

GW-9902D

GW GEARWRENCH

GearBox - XL Wrench Sets

Ratcheting Box at one end and same size Non-Ratcheting at the other.



- 9 Piece SAE set, 5/16" to 3/4"

GW-85998

- 13 Piece SAE Set, 5/16" to 1"

GW-85999

- 12 Piece Metric Set, 8 to 19mm

GW-85988 super special

- 17 Piece Metric Set, 8-22, 24, 25mm

GW-85989



E-Torx Wrench Set

with sizes of:

- E6xE8
- E10xE12
- E14xE18
- E20xE24

GW-9224D

GW GEARWRENCH



Universal spline Metric XL Flex Gearbox Ratcheting Wrench Set

Flex-ratcheting at one end and fixed box at the other end. 10 - 19MM

GW-86126

COMBINATION WRENCHES

GW GEARWRENCH™

**"Original" Ratcheting Wrenches
STANDARD LENGTH**



Jumbo Ratcheting Wrenches:

- 1 1/16" GW-9034
- 1 1/8" GW-9036
- 1 1/4" GW-9038D
- 1 5/16" GW-9060D
- 1 3/8" GW-9062D
- 1 1/2" GW-9042

Metric

- 27mm GW-9127D
- 30mm GW-9130D
- 32mm GW-9132
- 34mm GW-9134D
- 36mm GW-9136
- 50mm GW-9150

**XL Combination
Ratcheting Wrench Sets**



16 piece Metric

8-22mm & 24mm

GW-85099 Special buy



13 piece SAE 1/4"-1"

GW-85199



**Stubby
Ratcheting
Wrench
Sets**

SAE 7pc 3/8"-3/4"

GW-9507D

Metric, 10 pc, 10mm to 19mm

GW-9520D

**SUNEX™
TOOLS**



**14 Pc. Angled (15° & 60°) Open
end Wrench Sets.**

- SAE (9/16" - 1 1/4")

SX-9914A

- Metric (6 - 19mm)

SX-9914MA



**Jumbo, 15° & 60° Angled Open
End Wrench Sets**

- SAE, 6 pc 1 3/8" - 2" range

SX-9916

- Metric, 20mm - 25mm range

SX-9926

- Metric, 26mm - 32mm range

SX-9927



**14 Pc Impact Ready Magnetic
Nut Setter Set**

Colour coded, 1/4" to 1/2" SAE and 6mm
to 14mm metric range

SX-9933

GW GEARWRENCH™

Flex Flare Nut Wrenches



- 5 Pc SAE Flex-Flare Nut Wrench Set
covers 1/4" to 7/8" range.

GW-81910

- 6 Pc Metric Flex-Flare Nut Wrench Set
covers 9mm to 21mm range (no 20mm).

GW-81911D



**12 Point
Long Non-Ratcheting
Wrench Set with Tool Roll**

- 7 Piece SAE Set 3/8" - 3/4"

GW-81933

- 11 Piece SAE Set 3/8" - 1"

GW-81934

- 15 Piece SAE Set 5/16" to 1 1/4"

GW-81918

- 9 Piece Metric 7 - 15 mm

GW-81932

- Metric 22 Piece Set, 6 to 32mm.

GW-81916



**15 Piece Metric
Long
Non-Ratcheting
Wrench Set with
rack. 8-22mm
GW-81902**

**Full Polish 14 Piece 6 point
Combination Wrench Sets.**



- SAE
1/4" to 1"
GW-81924

- Metric
6-19mm.
GW-81925

WRENCHES



9pc. Fully Polished SAE/Metric Flare Nut Wrench Set With Pouch

Range: 1/4" to 11/16" and
8mm to 21 mm

SX-9809

TITAN



Range: 10mm to
15mm plus 18mm

7 Pc. Stubby Metric Wrench Set TTN-17374



9 Pc. Combination Wrench Set
SAE Sizes 5/
16" to 7/8"
TTN-17394

SUNEX™ TOOLS

7 Pc. Jumbo Combination Wrench Set

- SAE (1 5/16" - 2")
SX-9707A
- Metric (33,34,36,38,41,46,& 50)
SX-9707M



GW GEARWRENCH™



3 Pc. Adjustable Wrench Set
with cushioned handle for comfort and
better grip. 6", 8" & 10" long.
GW-81990



13" Long Adjustable Wrench
has 1.4" capacity and cushion grip handle.
GW-81893

SUNEX™ TOOLS



1/2" Drive:
SAE - Jumbo Crowfoot Wrench Sets in
reuseable blow mold storage tray.

- 7 Pc set, range of 1" - 1 1/2"
SX-9720A
- 6 Pc set, range of 1 5/8" to 2 1/4".
SX-9722

**SAE
RANGE**



14 Pc SAE/Jumbo Crowfoot Set
1 1/16" to 2", 1/2" drive. Packed in tray
SX-9721A



**1/2" Drive
Metric Jumbo Crowfoot Wrench
Sets.**
• 8pc set, range of 24 to 30mm & 32mm
mounted on storage rail.
SX-9730A
• 7pc, 34, 35, 36, 38, 41, 42 and 46mm,
mounted on storage rail.
SX-9740A

IREGA



10" Adjustable Wrench
AF-77-10

CHAN NEL LOCK



12" Long Adjustable Wrench
has 1-1/2" capacity.
CH-812W

**PT
Performance Tool**



**2 Pc. Adjustable
Wrench Set**
Set of 8" and 12" adjustable
wrenches with 13mm and
16mm 12 point boxed
wrench at handle end.
PER-W30701



15" Adjustable Wrench
Drop forged, chrome plated.
AFH-W6450

**SHOPRO.
PROFESSIONAL**



**Aluminum Adjustable Pipe
Wrenches**
Drop forged, hardened & tempered aluminum
alloy, heat treated.
24" AFH-P7455

**PT
Performance Tool**



Pipe Wrenches
• 18" **PER-W1133-18B**
• 24" **PER-W1133-24B**
• 36" **PER-W1133-36B**



**13 Piece 12 Point Metric
Combination Wrench Set**
KTA-A1203MR

KING TONY AMERICA
KT PRO

8 mm to 24mm

**Industrial
Quality**

PLIERS

Milwaukee



6-In-1 Combination Pliers
MW-48-22-3069

CHAN NEL LOCK



• 7 inch long nose pliers.
CH-317 Sale Price
• 8 inch lone nose pliers.
CH-318 Sale Price



8" Long Reach Plier
CH-718

TITAN



11in Straight Long Nose Pliers
TTN-60771



11in 45 Degree Long Nose Pliers
TTN-60773

EZ RED
The Leader in Specialty Tools



2 Pc KIWI Plier Set
With internal spring that opens pliers jaws. Consists of 6" short nose and 8" long nose.
EZ-KWP2

Great Neck
Quality Hand Tools Since 1978



Adjustable Stubby Wrench
1" jaw opening
GN-958DE

SUNEX™
TOOLS



3 Piece,
11" long 5/16",
1/2" and 3/4"
Hose Gripper
Plier Set.
SX-3703V



1/2" Hose Gripper Plier, 11" Long
SX-3708



4 Piece. 11"
Long Needle
Nose Plier Set
includes straight
20°, 45°, 90°.
SX-3600V



16" Straight Long Nose Plier for
access into limited clearance area.
SX-3718V

TITAN



11in 90 Degree Long Nose Pliers
TTN-60774

EZ RED
The Leader in Specialty Tools



5 in 1 Pistol
Grip Plier
10" long nose
plier with cutting
crimping, wire
stripping and fastener extraction
EZ-PG5

CHAN NEL LOCK



7.5" Diag Flush Cutter
CH-758



• 7 inch cutting pliers
CH-337

• 8 inch cutting pliers
CH-338

• 7-1/2" diagonal cutting pliers
CH-447



9 1/2"
Curved Diagonal
High Leverage Cutting Plier.
CH-449



8" End Cutting Plier
CH-358



Diagonal
Box Joint
Cutting Plier
CH-435



9-1/2" Cable Cutter had 3/4"
capacity.
CH-911



8-1/4" Long Wiring Tool.
CH- 908



9-3/4" Crimping Tool with
Cutter.
CH- 909

PLIERS & KITS

IRWIN
TOOLS
VISE-GRIP



8" Self-Adjusting Wire Stripper
VG-2078300



8" Multi Tool Stripper/Cutter/Crimper
VG-2078309

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



Ratcheting Terminal Crimper for
10-22 GA insulated terminals.
SG-18900



Ratcheting Terminal Crimper
for most Weatherpack terminals and
non-insulated open barrel connectors
22-10AWG.
SG-18930



H.D. Automatic Wire Stripper.
Strips, Crimps & Cuts. For solid or
stranded wire 10-26GA.
SG-18950



Deutsch Terminal Crimpers
For 12 gauge closed barrel terminals.
SG-18860

For 14, 16 & 18 gauge closed barrel
terminals.
SG-18880

For 20 and 22 gauge closed barrel
terminals.
SG-18890

EZ RED
The Leader in Specialty Tools



Heavy Duty Cable Cutter
For strand copper to 3/4" diameter with
insulated handles, 14" handle length.
EZ-B798



**Heavy Duty Adjustable Cable
Crimper** with 50 different crimp
settings, works on 6 gauge to appx 5/8"
cable. Exerts equal pressure on all
contact points.
EZ-B795

Wire Shear

- Wire/cable shear
- Portable.
 - Cuts cable from 8 Ga.-4/0
 - 3/8" drive holding fixture on top and bottom.
 - Cuts cable on the vehicle.
 - Works with 3/8" ratchet or impact driver.

EZ-B1218



5 Ton Hydraulic Cable Crimper
Includes 9 Hardened Steel Dies.
On/Off Retractor. Includes carrying case.
TTN- 11980



Self Adjusting Wire Stripper/Cutter/Crimper
Automatically adjusts to strip 24 - 10 AWG wire
and cable.
Crimps 22 - 10 AWG insulated and non-insulated
wire terminals.
Crimps 7 - 8mm ignition terminals.
TTN-11475

TITAN



**7" Wire Rope and Cable Cutter to
3/16" Capacity**
Features High- Carbon Steel Blades.
TTN- 11468

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS

Deutsch Terminal Service Kit



6 Piece kit to crimp and release Deutsch
terminals. Crimps both Open Barrel and
Closed Barrel Terminals.
SG-18650



**11 Piece Master Terminal
Service Kit**
SG-18700

**Open
Barrel
Crimping Tool**
For wire sizes 14-24 gauge.
SG-18600



**For Weather Pack &
Metri Pack Terminals.**
SG-18910



**Deutsch Terminal
Release Tool for 6
Gage Wire**
SG-18560



**Deutsch Terminal
Release Tool 8 & 10
Gage Wire**
SG-18570

PLIERS & LOCKING PLIERS

GW GEARWRENCH



CHAN NEL LOCK



3 Piece Push Button Tongue and Groove Plier Set (8", 10" & 12") GW-82118

Available separately

- GW-82158 (8")
- GW-82160 (10")
- GW-82162 (12")

CHAN NEL LOCK



- 9-1/2" curved jaw plier has 1-1/8 inch capacity.

CH-410

- 14" curved jaw plier has 2 inch capacity.

CH-414



10" Groovelock Pliers VG-2078110



- 9-1/2" plier has 5 adjustments & 1-1/2" capacity. **CH-420**

- 10" plier has 7 adjustments & 2 inch capacity. **CH-430**

- 12" plier has 7 adjustments & 2-1/4" capacity. **CH-440**

- 16" plier has 8 adjustments & 4-1/4" capacity. **CH-460**

- 20" plier has 12 adjustments & 5 1/2" capacity. **CH-480**



Pro's Choice Set Includes 424, 426, 440, 460 **CH-PC-1**



Set includes CH-430, CH-420, CH-337, CH-3017 and CH-526.

CH-TR-3



5 Pc Technicians Plier Set

Includes: CH-317, CH-420, CH-447, CH-526, CH-909

CH-TR-1



3 Piece Set

- CH-317
- CH-337
- CH-430

CH-GS-6

IRWIN VISE-GRIP
3 Piece
Insulated
Pliers Set

1000V rated.
Includes:

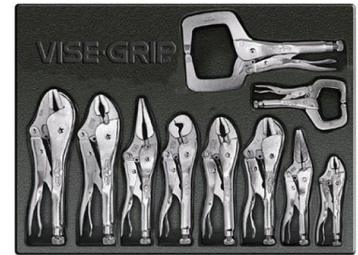
- 6" diagonal
- 7" combination
- 8" long nose pliers

VG-10505519NA



IRWIN VISE-GRIP

IRWIN TOOLS



10 Piece Original Locking Pliers Set with Kitbag

Includes: 10R, 10CR, 7R, 7WR, 7CR, 5WR, 6LN, 9LN, 6R & 11R with kitbag

VG-1078TRAY



6 Piece Original Locking Pliers Kitbag Set + Cup Holders

Includes: 10WR, 9LN, 7R, 6LN, 7CR, 5CR & 4WR with kitbag.

VG-641

4 Piece Original Locking Pliers Kitbag Set

Includes: 10CR, 7R, 6LN & 5WR with kitbag

VG-428GS (71)



5 Piece Original Locking Pliers and Clamps T-Shirt Set

Includes: (1) 10R, (2) 6R, (2) 11R & T-Shirt

VG-74 (554T)

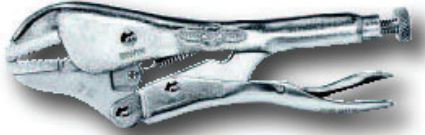


LOCKING PLIERS



The Original Locking Tools

- **High Grade Alloy Steel** - heat treated for maximum durability
- **Micro Adjusting Screw For Exacting** - stays adjusted for repetitive use



Straight Jaw Locking Pliers

Part#	Size	Jaw Capacity	Special
VG-10R	10"	1-7/8"	
VG-7R	7"	1-1/2"	



Curved Jaw Locking Pliers

Part#	Size	Jaw Capacity	Special
VG-10CR	10"	1-7/8"	
VG-7CR	7"	1-1/2"	
VG-5CR	5"	1-1/8"	



Curved Jaw Locking Pliers with Wire Cutters

Part#	Size	Jaw Capacity	Special
VG-10WR	10"	1-7/8"	
VG-7WR	7"	1-1/2"	
VG-5WR	5"	1-1/8"	
VG-4WR	4"	1"	



Locking Wrenches

Part#	Size	Jaw Capacity	Special
VG-7LW	7"	7/16"-3/4"	



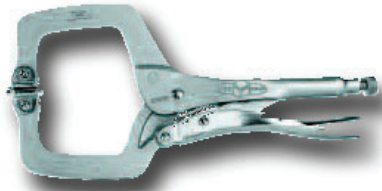
Long Nose Locking Pliers

Part#	Size	Jaw Capacity	Special
VG-9LN	9"	2-3/4"	
VG-6LN	6"	2"	
VG-4LN	4"	1-5/8"	



Locking C-Clamps with Regular Tips

Part#	Size	Jaw Capacity	Special
VG-24R	24"	10"	
VG-18R	18"	8"	
VG-11R	11"	4"	
VG-6R	6"	2-1/8"	



Locking C-Clamps with Swivel Pads

Part#	Size	Jaw Capacity	Special
VG-24SP	24"	10"	
VG-18SP	18"	8"	
VG-11SP	11"	4"	
VG-6SP	6"	2-1/8"	



8" Sheet Metal Tool

VG-8R



9" Welding Clamp

VG-9R



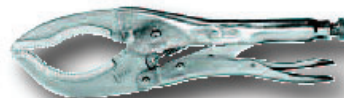
9" Panel Clamp

VG-9AC



9" Chain Clamp

VG-20R



12" Large Jaw Locking Pliers

VG-12LC

5 Piece Original Locking Pliers Tool Bag Set

Includes: 10R, 10WR, 7CR, 6LN & 5WR with kitbag

VG-2077704



Pinch Off Locking Tool

VG-7RR



9" long Saw Toothed Sway Bar Link Plier

Makes for easy removal. Also used on rusted nuts, pipes, etc

NCC-89501



Shorter (7" long) and Thinner (.27" thick) Sway Bar Link Pliers to tackle limited space problems

NCC-89102

TITAN



15" Long Nose Locking Plier

• Straight	TTN-60762
• 45°	TTN-60763
• 90°	TTN-60764

AVIATION SNIPS & MISC PLIERS

Prosnip®

Aviation Snips Compound
Leverage



10" Cuts Left and Straight.
PS-2073111



10" Cuts Right and Straight.
PS-2073112



10" Cuts Straight and Wide
Curves. PS-2073113



3 Pc Line Clamp Set

Made of heat resistant reinforced nylon
with built in locking mechanism

PER-W83205

Vise-Grip Replacement Parts



VG-40REP Replacement Chain 18" for
20R®

VG-40EXT Extension Chain 18"
for 20R®

VG-4935309 Replacement Spring 5 piece
24R™, 24SP™, 18R®,
18SP®, 18DR™

VG-4008 Replacement Spring 5 piece
10R®, 10WR®, 10CR®, 11R®,
11SP™, 20R®, 12LC® & 10LW™

VG-4050ZR Replacement Spring 5 piece
9DR™, 9SP™

VG-4022ZR Replacement Spring 5 piece
7R®, 7WR®, 7CR®, 7LW®,
9LN®, 8R®, 9R® & RR™

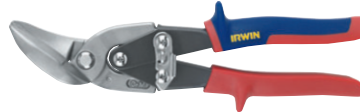
VG-4052ZR Replacement Spring 5 piece
5WR®, 6LN®, 6BN, 6R® & 6SP®

VG-4092 Replacement Spring 5 piece
4WR®, 4LN®, 4SP™ & 4LW®

Offset Snips Prosnip®



9-1/2" Straight and Right.
PS-2073211



9-1/2" Straight and Left.
PS-2073212



Small Hose Pincher

Useful for hard to reach areas.
5 1/2" long, up to 3/4" O.D. coolant, fuel and
vacuum lines

LIS-67500



Larger Hose Pincher, Capacity up to 1 1/2"
O.D. shuts and clamps radiator and heater
hoses with out spring or manual adjustments.
9 1/4" overall length

LIS-67600

GEARWRENCH®



Hose Pinch off Pliers.
GW-145

9CIRCLE



Drum Brake Hold Down Spring Washer Pliers

Unique offset design enables easy access
to washers located behind wheel hubs in
some Toyotas, Chryslers, etc.

NCC-30581



HOG Ring Plier
PER-W88003 (Angled)

GEARWRENCH®



Straight - Hog Ring Plier used for
upholstery work on most cars. Spring
loaded. GW-3703D



**45 Degree Bent - Hog Ring
Plier** angled for added access, used
for upholstery work on most cars.
Spring loaded.

GW-3704D



Toyota Wheel Bearing Lock Ring Pliers

Features special angles and tips to
engage ears for easy removal and
replacement of pressed-in locking rings.

CTA-4028



Self Locking Pinch Off Pliers

3 Piece set in pouch includes:

- Small - up to 3/4" hose. KAS-1460
- Medium - up to 1 1/4" hose. KAS-1470
- Large - up to 2 1/2" hose. KAS-1480

KAS-1500

SNAP RING PLIERS & SCREWDRIVERS



SNAP RING PLIERS
Made in USA



3 Piece Internal/External Retaining Ring Plier Set. HT-1465

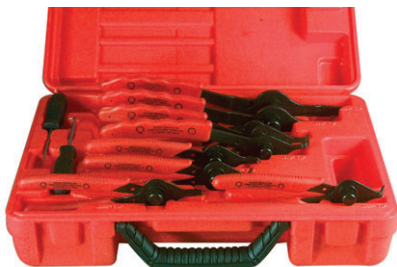
Also available separately:

- Internal/external rings up to 1"
HT-1421
- Internal/external rings- 3/8 to 2"
HT-1434
- Internal/external rings- 1-1/2 to 4"
HT-75

Snap Ring Plier Tip Kits are available. Call for details.



XL Size Retaining Ring Plier 3 1/2" to 7" size. HT-87



10 Piece, Convertible Retaining Ring Plier Set. AST-9401



Heavy Duty Lock Ring Tool Kit 2.5mm, 3mm and 3.5mm pairs of tips to service cv shaft, cam shaft etc. lock rings. 12" overall length CTA-4031



2 Pc Heavy Duty Snap Ring Plier Set, internal and external for large equipment repairs. Comes with straight, 45 & 90 deg tips and case. OTC-4513



6-1/2" Convertible Snap Ring Pliers VG-2078900



39 Piece Screwdriver and Bit Assortment

Complete with rack. Most popular sizes
of slot, Phillips, Torx and nut drivers.

PER-W1727



7 Piece X- Trax (3/16"-1/2") Nut Driver Set

Special gripping edges
remove old, stripped,
rusted Nuts and Bolts.
PER- W8699



12 Piece Combination Internal External Snap Ring Pliers Set Includes 12 fixed tip pliers: .038, .047, .070 and .090 in 0-degree, 45-degree and 90- degree angles. KAS-3495



12 Piece Quick Switch Retaining Ring Plier Set

- Convertible for use on internal/external
snap rings
- Cushioned grip handles
- Internal 3/8" - 3" (10mm - 76mm)
- External 1/8" - 3-1/2" (3mm - 89mm)

KAS-3595



6 Pc Quick Switch Snap Ring Pliers Set

- Made in USA.
- KAS-3597**

SCREWDRIVERS/PUNCH & CHISELS

GW GEARWRENCH®



20 piece Master Screwdriver Set
Contains T-15 and T-20 Torx and 6 microdrivers in addition to 12 piece set shown below
GW-80066

GW GEARWRENCH®



12 Piece Slot & Phillips Screwdriver
assortment packaged in tray. Set has:
• 6 slot drivers of which 4 have bolsters and are 1-1/2" to 8" in length.
• Plus 6 phillips sizes #0 to #3 and range 2 1/2" to 6" in length.
GW-80051



5 Pc. Slotted Screwdriver Set
packed in a tray. Tips range of 1/8" to 3/8" and lengths of 3" to 8".
GW-80053

GW GEARWRENCH®



4 Piece 16" & 20" Dual Material Long Screwdriver Set
Long blades for access. Black oxide non-slip tip.
GW-80069

Included in set above, also available separately:

- 3/8" slotted, 20" long
GW-80074
- #2 Phillips, 20" long
GW-80002
- 3/8" slotted, 16" long
GW-80021
- #2 Phillips, 16" long
GW-80006



3 Piece 18" Long Torx T15, T20 and T25 Screwdriver Set.
GW-80064



4 Piece Square (Robertson type) Screwdriver Set - #0, 1, 2, 3,
GW-80065

CHAN NEL LOCK



18 - in - 1 Ratcheting Screwdriver

High torque grip and in-handle bit storage. contains slotted, Phillips, Torx, Hex and nutdriver.
CH-181CB

GW GEARWRENCH®



7 Piece Torx Set
(T10 - T40) 6" long blades with black oxide non-slip tips.
GW-80071



7 Pc Tamper Proof Torx Set
(T10 - T40) 6" long blades with black oxide non-slip tips.
GW-80073

GW GEARWRENCH®



27 Pc Punch and Chisel Master Set
Includes 8 cold chisel sizes, 3 centre punches, 6 pin punches, 4 long tapered punches, 6 starter punches and tool roll.
Lengths vary from 4 1/4" to 11".
GW-82306



12 Pc. Popular Range Punch and Chisel Set
Includes 4 cold chisels, 4 pin punches, 2 starter punches, an 8" long taper punch and a 5" centre punch plus tool roll.
GW-82305



5 Piece Pin Punch Set
Range of 1/8" to 5/16". With pouch.
GW-82309

PUNCH CHISELS & PRY BARS



12 Piece 112-K Pilot Punch Set
MH-62254



Pocket Scriber

Sharp tungsten carbide tip cuts into hard surfaces, leaves clear mark on metal, glass, plastic, tools.

UL-1830



24 Pc Punch & Chisel Set
MH-61050



Automatic Centre Punch

Automatic action fires to create a dimple when downward pressure is applied. No hammer is needed. Works on metal, plastic, wood and other materials.

LIS-30280



5 Pc 8" Long Brass Pin Punch Set
1/8" to 3/8" range.
PER-W759



16 pc. Punch and Chisel Set
In tray, includes pin, taper and centre punches plus 3 cold chisels.
AST-1600



42" Dominator Pry Bar

-5/8" Square steel
-Patented capped-end handle allows user to strike the bar without damaging handle
-Two-composite handle designed for user comfort and reduced hand fatigue

MH-40139



Also available!

- 36" x 5/8" **MH-40138**
- 44" x 7/8" **MH-40164**



Dominator 5 Pc Curved Pry Bar Set
Contains 8", 12", 17", 25" and 31" pry bars.
MH-61366



Dominator® 3 Piece Heavy Duty Pry Bar Set

Includes 18", 24" and 36" pry bars. Capped-end handles allow you to strike the pry bar with a hammer.

MH-61356



20 Pc. Combination Screwdriver Set, Includes Slot, Phillips & Torx

- Matte finish to resist flaking and abrasions
- Vapor blasted tip for enhanced durability
- Over molded handle for user comfort
- Quick reference on handle end

SX-1120SS

FREE MH-60003
4 Piece Mini Dominator Hook & Pick Set
with purchase of
MH-61355



3 Pc. (12", 17", & 25") "Dominator" Pry Bar Set with capped handles.

MH-61355P



3 Piece Pry Bar Set

12", 17" and 25"

Features angled tips for increased leverage.

Meets ASME performance specifications.

GW-82403



4 Pc. Pry Bar Set with handles. (8,12,18,24")
SX-9704

MISC & PICK UP TOOLS



17" Dominator Pry Bar with Curved Blade
MH-60144



4 Piece Pry Bar Set (6, 12, 16, 20")
SX-9804



6 Pc Chromatic Precision Screwdriver Set

Features precision milled brass handles with colour coded rubber grips and top grade chrome vanadium blades. Sizes #00 and #0 Philips plus 1.0, 1.2, 1.8, and 2.44 slotted.

PER-W1732



4 Pc Magnetic Set

Consists of 8 7/8" X 2 1/2" and 3 3/4" X 2 1/2" parts trays. Plus 2 magnetic hooks.

PER-W1260



Jumbo Magnifying Glass with LED Light

4-1/2" lens, 10" overall length

PER-W15037



Heavy Duty Pry Bars

14 Position pivoting heads that exceed by 2 1/2 times the ANSI requirements for pry bars.



8" long, has thin profile head for seal picks and access in restricted work areas.

GW-82208

See below GW-82300



10" and 16" long units have a smooth profile.

- GW-82210 (10")
- GW-82216 (16")

Also available:
Set of 2, 8" plus 16" prybars shown above. GW-82300



Extendable H.D. Pry Bar

With grooved head, extends from 21" to 33" and has 14 locking head angles

GW-82220



Jumbo Extendable Indexing Pry Bar

With grooved head extends from 29" to 48" and has 14 locking head angles

GW-82248



3pc Utility Tool Set

- Mini magnetic tray
- Telescoping inspection mirror
- Telescoping magnetic pickup tool

TTN-11065



2x2 Magnifying Glass with LED Light

7-1/4" overall length, 2-7/8" Lens

TTN-15029



Rectangular Inspection Mirror with 3 Rotating LED Lights

Telescopes to 30".

UL-HTK-2LT



Pocket Magnetic/Telescopic Pick Up Tool

Can lift up to 1 1/2" lbs., extends 6"-25".

- Chrome UL-15X
- Green UL-15XGR
- Orange UL-15XOR



Powercap Telescoping Magnetic Pick-Up Tool

Lifts 5lbs with Powercap.

Telescopes 6 3/4" to 30 1/4".

UL-HT-3



5 lbs Telescoping Magnetic Pickup Tool

Telescopes from 6 1/2" to 33"

TTN-11663



3 LBS Telescoping Magnetic Pickup Tool

Telescopes from 5 1/2" to 22"

TTN-11763

HOOK & PICK SETS

ULLMAN®



7/8" Diam. Telescoping Inspection Mirror with pocket clip. Extends from 4 1/2" to 18".
UL-A2T



Oval 1" x 2" Pocket Mirror. 8.5" Long
Replacement refill mirror available (UL-B-2R).
UL-B-2



Circular 2-1/4" Telescopic Mirror
Extends to 14".
UL-C-2



Rectangular 2" x 3-1/2" Mirror
Telescopes to 15"
UL-K-2

Replacement Refill Mirror available.
UL-K-2R



2-3/8" LED Lighted Inspection Mirror

- Stainless steel handle telescopes from 6-3/4" to 37"
- Cushion handle will not slip in wet or oily hands.

UL-HTC2LT

TITAN



2 Piece Telescoping Tool Set

- Oval mirror (TTN-11185)
- 1" x 2" Oval, telescopes 9-1/2" to 28"
- Magnetic retriever (TTN-11763)
- Powerful 3 lb magnet
- Telescopes 5-1/2" to 21-7/8"

TTN-11187

TITAN



2 Piece Telescoping Tool Set

- 2" Dia. Inspection Mirror (TTN-11186)
- Telescopes 9-1/2" to 28"
- Magnetic retriever (TTN-11663)
- Powerful 5 lb magnet
- Telescopes 6-1/2" to 33"

TTN-11188

9 3/4" long

ULLMAN®

Made in USA.



4 Piece Individual Hook and Pick Set.

Cushioned textured grip will not slip in wet or oily hands.

UL-CHP4-L

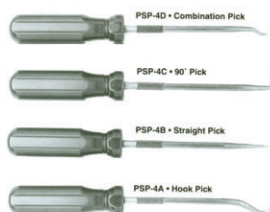
9-3/4" Long 8 Piece Hook & Pick Set
UL-CHP8-L



4 Pc. Hook & Pick Set
with aluminium handles.
Overall length - 6 7/8".
UL-PH-4



4 Piece Hook & Pick Set.
UL-H4W



4 Pc. Hook & Pick Set
with plastic handles. Overall length of 5 1/8".
UL-PSP-4

Moody Tools



Steel pick, 60 degree bent_point type, 5-7/8 overall length.
MDY-51-7587

ULLMAN®

Double Pointed Scriber



Straight & 90 degree angle points for marking in awkward places.
UL-1810

Double Sided Swing Hook / Pick
UL-SW-10



MAYHEW TOOLS



45 Degree Long Hook
MH-42023

GW GEARWRENCH®



7 Piece Hook and Pick Set

Made of hardened alloy steel.

Includes a 4 1/2" long awl.

GW-84000D



LINCOLN

Magnetic Tool Tray
8.8"L x 5"W x 1.2"D
LIN-3602

MISC. PICK UP TOOLS & H-KEY SETS

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



- **A**- 4 1/2" Shaft, 8" overall length.
SG-13800
- **B**-11" Shaft, 15" overall length.
SG-13810
- **C**-Great Big Hooker Jr. 11" overall length,
6" exposed shaft.
SG-13840

Astro

**2 Piece
Hose
Removal
Hook Set**



Great for difficult to remove seals, heater
and radiator hoses and transmission lines.
AST-9502

Lisle



5 Piece Hose Remover Set.
LIS-80380

Lisle



4 Pc. O-ring Remover Tool Set
With Rounded tips for damage-free removal of
seals and O-rings.

LIS-31920



25" Long

Spring Flex Pick Up Tool. Magnet on
one end only, tightly wound spring made of
tempered steel.
UL-6FL

TITAN



3 Piece Combo Kit

- Magnetic Parts Tray (8-7/8" x 2-1/2")
 - 3/16" x 50' Rope
 - Breakaway knife
- TTN-NT10**



**Ball End T-Thru Handle Hex
Key Sets**

- 10 Pc SAE, 3/32" to 3/8".
ALL-56656G
- 8 Pc Metric, 2-10mm.
ALL-56660G



ULLMAN

5 Pc Pick and Scraper Set
SX-9841

Lisle



4 Pc Mini Hook and Pick set
LIS-31750

Eklind Made in USA



22 Pc Metric & SAE Hex Key Set.
EK-10222



22 Pc Metric & SAE Ball Hex Key
13213 & 13609 Combo Set
EK-13222

**Metric 9 Pc Ball Hex
Key Set 1.5mm to
10mm - Long**

Provides 360 degrees of
rotation at up to a 35
degree angle
EK-13609



**13 Piece Ball Tip
Long Series L-Type
SAE Hex Key Set**
(0.05" to 3/8")
EK-13213

TITAN



**10 Piece Tamper
Resistant Star Key Set**

Sizes: T6, T7, T8, T9, T10, T15, T20, T25, T27, T30
TTN-12710

STRIKING TOOLS

Plumb®

STRIKING TOOLS Hammers and Sledges



- 8 Oz. **PLB-11496**
- 16 Oz. **PLB-11498**
- 24 Oz. **PLB-11520**
- 32 Oz. **PLB-11521**
- 40 Oz. **PLB-11522**



3 Lbs Club Hammer - 10" Handle
PLB-11649



4 Lbs. x 16" Handle - Sledge Hammer
PLB-11529NN



3 Lbs. Blacksmith Hammer.
PLB-11525P



10 lbs. Sledge Hammer, 36" Handle
EL-1792-10 5

9CIRCLE



SpecialMallet For Body Shop Use
Features:
Rubber filler that is elastic in nature but hard when in use
NCC-81190

GW GEARWRENCH®



One-Piece Sledge Head Dead Blow Hammers

Made in USA

Available in:

- 5Lb head, 20" handle
GW-69-550G
- 8Lb head, 30" handle
GW-69-551G
- 10-1/2Lb head, 30" handle
GW-69-552G
- 11-1/2Lb head, 30" handle
GW-69-554G



Dead Blow (steel shot filled) Hammers with steel handle welded to head assembly. Polyurethane head, rubber handle, resistant to gas, most solvents and extreme cold.

- 18 oz. **GW-82240**
- 24 oz. **GW-82241**
- 33 oz. **GW-82242**
- 49 oz. **GW-82243**



30 In. Double Sledge Hammer, Indestructible Handle

Ergonomic rubber grip handle reinforced with steel bars resists breaking while absorbing impact and vibration

Available in:

- 10 lbs **OTC-5790ID-1030**
- 12 lbs **OTC-5790ID-1230**



4 Pc Dead Blow Hammer Set
TTN-63144

GW GEARWRENCH®



Ball Pein Hammers with Fiberglass Handle and Molded on Rubber Grip.

Available in:

- 8 oz. **GW-82250**
- 16oz. **GW-82251**
- 24 oz. **GW-82252**
- 32 oz. **GW-82253**



3 Lbs (48 oz.) Club/Drilling Hammer with Fiberglass handle and Molded on Rubber Grip.
GW-82255



12 oz. Soft/Hard Face Hammer with steel shaft and soft grip handle. replacement tips are available.
GW-82260



16 oz. Rubber Mallet
GW-82259

TITAN



5 Pc General Hammer Set

Comfortable, textured handles for handling ease. Set includes:

- 16 oz. Ball Pein Hammer
- 32 oz. Ball Pein Hammer
- 32 oz. Rubber Mallet
- 3 lb Sledge Hammer
- 3 lb Cross Pein Hammer

TTN-63125

SCRAPERS

TITAN



Multi-Purpose Razor Scraper
TTN-11030



1-1/4" Stainless Steel Scraper
• Metal capped handle for strength and durability
• Comfortable TPR handle for max grip
TTN-11500



9-1/4" Multi-Purpose Pry Bar
• Rigid stainless steel construction with mirror polish finish
• Razor sharp scraper edges
• Ideal for nail and tack pulling, prying and scraping
TTN-11509



21 Piece Non-Marring Blades
TTN-12038



100 Piece #9 Single Edge Razor Blades
• Fits all standard razor blade tools
TTN-11036

TITAN



22 Pc Scraper Set with Non-Marring Blades
• 11 - 0.020" Razor Blades
• 10 - Non-Marring Scraper Blades
• 9" Razor Scraper
TTN-17008

Lisle



Razor Blade Scraper
With tough, solid handle for stripping paints, caulk, lables, overspray, gasket materials, urethane, glue etc.
LIS-52460

MAYHEW TOOLS



Dominator 4 Piece Angled Scraper Set
MH-60004



Astro

4 Piece Non-Marring Chisel Set
• Ideal for the removal of glued wheel weights on aluminum rims, side moldings, gaskets, decals, emblems, etc. without damage to metal, glass or paint.
• Regrindable tips
AST-45040

Lisle



Razor Blade Scraper
Includes 5 stainless steel blades and 1 plastic blade for use on safety plastic laminated windshields to prevent scratching.
LIS-52000

100 Pack of Razor Blades
Fits all standard razor blade tools, including Lisle 52000 shown above.
LIS-52150



EZ RED
The Leader in Specialty Tools



19" Extra Long Scraper
with storage space in handle for up to 15 blades
EZ-MS1900

MAYHEW TOOLS



2 Piece Heavy Duty Long Carbon Scraper Set
MH-60026

Molding Strip Tool

3" wide sharp edge easily separates double sided tape from door and vehicle body, made of plastic that won't mark or scratch vehicle finish
LIS-81950

Lisle



Visit us online at
www.nortool.com

TORQUE TOOLS



Part No.	Description
AC-10-0304	17mm X 55ft/lb
AC-10-0311	13/16 X 100ft/lb
AC-10-0312	7/8 X 120ft/lb
AC-10-0313	7/8 X 140ft/lb

Your choice



4 Piece Heavy Duty Accutorq Set 1" Drive

Colour	Size	Torque	Part No.
Red	1-1/4"	250 ft/lbs	AC-20-3908
Brown	33mm	475 ft/lbs	AC-20-3909
Black	1-1/2"	475 ft/lbs	AC-20-3910
Yellow	13/16"	475 ft/lbs	AC-20-3911

AC-20-4000

Part No.	Description
AC-10-0327	22mm/100 ft/lbs - Light Blue 1/2"Dr
AC-10-0343	110 ft/lbs 22mm - Red Orange 1/2"Dr
AC-10-3898	160 ft/lbs 21mm - Light Purple 1/2"Dr

Your Choice



5 Pc 1/2" Drive Torque Limiting Extension Set SX-2450

65, 80, 100, 120 and 140 ft/lbs.



12mm Rocker Arm Shaft Socket Used to torque rocker arm nut to OE specs on Detroit Diesel Series 60 Engines OTC- 5889



3 piece, 80 Ft/lb Stubby Torque Stick Set, For 17mm, 19mm and 21mm lug nuts, with storage case Lis-12200



5 Piece, Spinning Handle Torque Extension Set.

Allows for quick mounting of wheel to the vehicle using you air impact gun and socket includes 80,90,100,120 and 140 Ft.Lbs
AST-78850



10 Piece 1/2" Drive Torque Limiting Extension Set

- 8" long, colour coded and made of Cr-Mo (Chrome molybdenum)
- Accurately torque wheel nuts

Includes:

- 65 ft/lbs (90Nm)
- 80 ft/lbs (110Nm)
- 100 ft/lbs (135Nm)
- 120 ft/lbs (175Nm)
- 140 ft/lbs (190Nm)
- 75 ft/lbs (100Nm)
- 90 ft/lbs (120Nm)
- 110 ft/lbs (150Nm)
- 130 ft/lbs (175Nm)
- 150 ft/lbs (200Nm)

AST-78810



Electronic Torque Wrenches Require 2AA Batteries, not included



1/2" Drive, 5 torque measurement units 72 tooth ratcheting mechanism
GW-85077



1/2" Drive Flex Head 120 tooth ratcheting 5 torque measurements units
GW-85196



4:1 Ratio

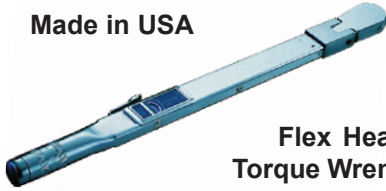
Torque Multipliers

- 1/2" Dr. input, 3/4" Dr. output. Max output 1000 ft/lbs using 250 ft/lbs torque wrench.
CN-6380
- 3/4" Dr input, 1"Dr output. Maximum output 2000 ft/lbs.
CN-6387

TORQUE TOOLS



Made in USA



**Flex Head
Torque Wrenches**

Featuring "split beam" torque measuring mechanism, with case.

- 3/8" Drive, 20 to 100 ft/lbs. in 2 ft/lbs increments.

PI-C2FR100F

- 1/2" Drive, 40 to 250 ft/lbs. in 5 ft/lbs. increments.

PI-C3FR250F



**Detachable
Handle!**

**3/4" Drive Split Beam Click Type
Torque Wrench** has a detachable ratchet head and comes with protective case.

Range: 200-600 ft/lbs.

Graduations: 10 ft/lbs.

PI-C4D600F

1" Drive also available

Range: 200-600 ft/lbs.

PI-C5D600F



Made in USA



**1/4" Drive Micrometer Adjust Click
Wrench 30-200 in/lbs**

- Graduation: 1 in/lbs
- Patented roller release mechanism extends the life of the M series for hundreds of thousands of cycles.
- Made in the USA.

PI-M1R200HX



1/4" Drive Beam Torque Wrench
0 - 80 in/lbs by 2.5 in/lb increments.
GW-2955N



3/4" Breaker Bar From

- Heavy duty knurl grip
- Push button allows user to select desired length up to 41"
- Work exclusively with the detachable 3/4" (PI-C4D600F) or 1" Precision Instruments ratchet head



- **Stand-Alone Breaker bar** (ratchet head not included)
PI-XT36H

- **3/4" Torque Wrench and Breaker Bar Combo**
PI-C4D600F36H



**Improved
Head Design!**

**3/4" Drive Micrometer Type
Ratcheting Torque Wrench**

100 - 600 ft/lbs.

In blow molded case.

GW-85065



**3/8" Fixed Drive Dial-Type with
Memory Pointer (150 in/lbs)**

- Perfect for checking differential pinion bearing preload
 - Memory needle retains peak value
 - Virtually friction free
 - 2% accurate range: 30-150 in/lbs
- PI-D2F150HM**



**BEAM TORQUE
WRENCHES**

- 3/8" Dr (0-800 in lbs)
GW-2956N
- 1/2" Dr (0-150 ft lbs)
GW-2957N



**Torque
Wrenches**



Robust construction gives accurate results, to +/- 4%
Push Thru drive provides CW&CCW torque control
Large break angle reduces possibility of over torquing
Dual scale N.m and lbf.ft
Includes carrying case and ISO 17025 Certificate
"Pre-Set" also available

**New and Improved
Industrial Torque Wrench**

TIREMAN/PRO

by



NOR-TMP750 Series

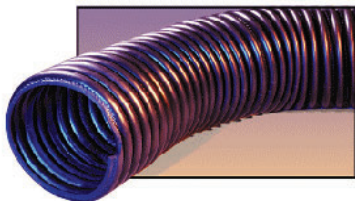
Range: 200-750 ft/lbs
(300 - 1,000

N.M.) Available in 3/4" or 1" Drive

Thin profile, high-strength, teardrop sealed ratchet heads with 32 tooth gear at 11 degree arc. Storage case inc.

Drive	Torque	Length
• 1/4"	30 - 200 inch/lbs	10.5"
GW-85060		
• 3/8"	10 - 100 ft/lbs	18"
GW-85062		
• 1/2"	20 - 150 ft/lbs	22"
GW-85063		
• 1/2"	30 - 250 ft/lbs	24"
GW-85066		

EXHAUST



Flarelock - Garage Exhaust Hoses

- 2-1/2" x 11'
- 3" x 11'
- 4" x 11'

CRU-FLT250
CRU-FLT300
CRU-FLT400



Dual Exhaust Hose Y Assemblies

- Two 2-1/2" x 4' hose, one RY25 Y connector and two F250 adapters.

CRU-YA250

- Two 3" x 4' hose, one RY30 Y connector and two F300 adapters.

CRU-YA300

- Two 4" x 4' hose, one AY40 Y connector and two F400 adapters.

CRU-YA400



Made in USA



Rubber Door Port
for 2-1/2" exhaust hose.

CRU-DF25



Aluminum Door Port

For 3" exhaust hose.

CRU-ADF30

For 4" exhaust hose.

CRU-ADF40



Bell with snaps
adapts all styles of pipes

- For 3" hose.

CRU-RA300

- For 2-1/2" hose.

CRU-RA250



Rubber "Y" Connectors

- 2-1/2" size.

CRU-RY25

- 3" size.

CRU-RY30

Straight Tailpipe Adapter



4" Adapter for Gas Truck with hook & chain
CRU-F400

Diesel Stack Adapter

Max Tailpipe: 5.5"

Hose I.D.: 4" - 5"

CRU-DSR600



Dual Exhaust Adapter

for 3" hose

CRU-F475

Oval Tailpipe Adapter

3.5" x 8.5"

CRU-F575



Aluminum 4" "Y" Connector.
CRU-AY40



Exhaust/tailpipe stretcher.

Fits pipes from 1-5/8" to 2-7/16".

LIS-34400



Pipe Stretcher Range Extenders for your Lisle 34400 (shown above)!



2 3/8 - 2 3/4
LIS-17510



2 3/4 - 3 1/8
LIS-17520

Pipe Stretcher Kit

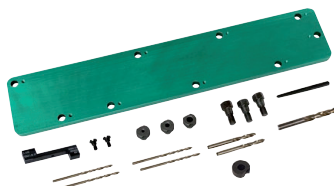
Stretch pipes, including stainless steel, from 1-5/8" to 4-1/4".

LIS-17350



Exhaust Removal Plier separates hanger brackets from rubber supports on cars and trucks.

LIS-38350



Manifold Drill Template

For Dodge 5.7L Hemi Engines.

Remove broken exhaust manifold bolts without damaging cylinder head

LIS-71500



Three Way Back Pressure Tester Kit

Allows quicker and more accurate testing of exhaust blockages by testing the Oxygen Sensor, Exhaust pipes and Air Injection System.

STR-TU24APB

BATTERY CHARGERS & TESTERS



Flash Reprogrammer/Power Supply with Battery Support

For 12 volt systems. Features:

- Service mode that prevents battery from being discharged during service and in the showroom
- Boost mode

DSR-INC100



8 Bank Battery Charger

Complete with 6' detachable cable for 6V and 12V standard AGM and lithium batteries

DSR-127



Digital Battery & Electrical System Analyzer with Printer



- Programmed test for new Start/Stop batteries for both EFB and AGM Flat Plate types
- 6 & 12 V battery tester for Lead Acid, AGM Flat Plate, AGM Spiral, VRLA/GEL batteries
- 12 & 24 Volt Charging System Tester
- Starting System Tester
- Wide testing range: 40 to 2,000 CCA
- Built-in Printer & 6'5" test cable

ES-726

Paper Roll 2/pack **ES-726-1**

Smartach+COP, Multi System Ignition Analyzer

For non-starts, misfires, foul up or damaged spark plugs and/or spark plug wires.

SR-TA500



ASSOCIATED



Now Offering
80 Amps Continuous
Charge, with 400Amp
Crank Assist @ 12V!

Safe in any weather
H.D. 6 / 12 / 18 / 24 V.

Fleet Charger
5 year limited warranty.
Made in U.S.A.
ASE-6002B



6 / 12 V.

Fast Charger
250 Amp crank assist.
Made in U.S.A.
ASE-6012AGM



**12V (1.5 AMP) Automatic
Charger Maintainer.**
ASE-9002A

**84" 4GA
w/400A
Steel Clamps**



**Professional Heavy Duty Industrial
12V KwikStart**
• CCA: 360A Peak Amps: 1700A
• 7 ft Replaceable Field Serviceable Cables
ASE-KS401

ASSOCIATED

Now Offering
280 Amp
Crank Assist!



Heavy Duty
6 / 12 / 24 V.
Fleet Charger
5 Charging
Positions
Made in U.S.A.
ASE-6006AGM



KwikStart 12V Portable Power and Jump Starter

- CCA: 360A Peak Current: 1700A
- Battery status indicator, two 12V vehicle adapters, one 5V DC USB port & LED Worklight
- Rated Output Voltage: 12VDC
- Overcharge Protection & Overload Protector: 15A manual circuit breaker
- Reverse polarity Alarm with On/Off switch

ASE-6256

**6/12 Volt
Value Charger**

- CSA listed
- Two year warranty
- "SAFE IN ANY WEATHER"

Made in USA.



- 40 Amp continuous rating at 6/12 volts
- 200 Amp cranking assist with a full 330 Amps Manufacturer's Boost Rating
- 90 minute timer with hold

ASE-US20

BATTERY CHARGERS & STARTERS

New Battery Chargers with New Chasis Design

Value Priced
6/12V Battery
Charger with 250
Amp (12V)
Engine Starter
DSR-131



Pro-Series 12V
Automatic
Battery Charger
with 250 A
Engine Start
15 Amp fast charge
and 4 Amp maintainer
DSR-121



ProSeries 6/12V
Microprocessor
Controlled
Battery Charger
with 275Amp
(12V) Engine
Starter
With 65 Amp flash
reprogram mode
DSR-122



ProSeries 12/24V
Microprocessor
Controlled
Battery Charger
with 250/150Amp
(12/24V) Engine
Starter
DSR-123

6/12/24V Heavy
Duty Battery
Charger with
330Amp (12V)
and 250 Amp
(24V) Engine
Starter
70 Amp flash
reprogram mode
DSR-124



Smart Eco Energy
12V Jump Starter
with High-Output
AGM Battery



- 500 cranking AMPS
 - 325 cold cranking AMPS
 - 2000 peak AMPS
- Features digital display, 2 AMP automatic external charger, 12 volt DC power outlet

DSR-141

Also available in green
DSR-141G

Heavy Duty
BOOSTER PACKS
For 12V Systems:

- 525 cranking AMPS
- 350 cold cranking AMPS
- High output AGM battery
- 12V DC Power outlet
- USB Port

DSR-114



For 12/24V
Systems:

- Powered by 2x high output AGM batteries
- Cold cranking 750AMPS / 12V and 350AMPS / 24V
- Includes 2AMPS external automatic charger for quick and safe recharging

DSR-115



Microprocessor Controlled 3AMP
Charger/Maintainer

Scrolling display for 6/12V systems
1 year warranty
DSR-SP1356



Batteryless Jump Starters with Ultra Capacitor Technology

3 Ways to Charge - connect to vehicle battery, connect to powerbank or to vehicles' 12V DC port.



450 CCA
Batteryless
Jump
Starter
DSR-108



6/12V Fully Automatic Battery
Charger

With 125A engine start 15-40 AMP boost mode and service mode, digital display with step by step instruction to properly charge your battery, 12' reach.

DSR-145



Trickle Charger, 1.5 Amp

Fully automatic 6/12v battery maintainer.

DSR-SC1355



OBD II Memory Saver Detector

- Automatically detects if the vehicles electronics will allow this device to save on-board data
 - Fully automatic
 - Standard fuse protected auxiliary input plug
- DSR-OB2-L

BATTERY TOOLS & THERMOMETERS



Economically Priced Manual 6/12V Battery.
Chargers with 135 minute timer and easy to read Amp meter

- 200A engine start
- 20A boost 6/12V

DSR-SC-1446

- 250A engine start
- 25A boost 6/12V

DSR-SC-1445



Infrared Digital Thermometer with laser, -58F - 932F (-50C - 500C)
MC-52224-ASP



Compact Pro-Grade infrared thermometer. Laser pointer, backlit LCD display. Case included.
Range:-22 to 932F
-30 to 500C

ES-EST45



Infrared Thermometer with laser sight

- Range: -20 to 1000F (-30 to 538C)
- Auto power off, comes with soft holster.

SR-LTX10

Ergonomic IR Laser Tachometer

- Range: 60 to 99,999 RPM
- Quick select RPM or Count function.

• Max/Min memory recall.

SR-TA110



6/12V, 100 Amp Battery Load Tester
Has H.D. copper plated clamps, extra large display with zero adjust.
OTC-3180

6/12V 130 Amp Heavy Duty Battery Load Tester

Features uniquely designed clamps for both top and side post batteries and ergonomically designed handle.

OTC-3181



6/12V 130 Amp Digital Battery Load Tester

With alternator test lead, features uniquely designed clamps & ripple detection light. Tests state of charge, starter, charging system, etc.

OTC-3182



Battery Tester with Integrated Printer

Tests 6V, 12V batteries and 12V, 24V, systems. Features include diode/ripple test (40-2000 CCA).

BOS-BAT135



H.D. Remote Starter Switch
12GA wire is oil and grease resistant. Features a hot circuit indicator lamp.
OTC-3650



12V Battery Tester.

- 4 digit LED displays good/bad status, CCA & voltage (125-1400CCA range).
 - Includes case.
- OTC-3183**



LAT-BATPLUS

12V Battery & Electrical System Tester

- CCA Range: 100-1,700
- Battery Test
- Starter test
- Built-in printer
- Step by step operation guide.
- Alternator test
- Grounding test



Digital 12V Battery Analyzer



Simple to use display indicates condition of your battery and charging system.
200-1200 CCA
PER-W2998



Analogue Battery Tester

Internal 100 Amp loading capacity
Tests battery voltage, relative starter current with heat protection draw, charging voltage and battery condition.

ES-700



500 Amp-Carbon Pile 12V Battery Load Tester



To 1000CCA / 160 Amp Hour.
ES-710

BATTERY TOOLS



MIDTRONICS



Battery & Electrical System Analyzer

For Most 6 & 12 Volt Batteries and 12 and 24Volt Charging Systems. Identifies batteries with poor reserve capacity that might start a car but could fail to support other accessories.

Features an integrated printer, on-tool Wi-Fi, Bluetooth and 10' test leads

MT-CPX-900PL

Battery Conductance & Electrical System Analyzers



6 & 12 V Battery and Electrical System Tester

The safe, fast, simple and accurate way of testing 6 and 12 V batteries and 12/24V charging systems.

Range: 100-2000CCA
Comes with 10' removable cable and carrying bag.

MT-MDX-650

6 & 12 V Battery and Electrical System Tester with Built-In Printer

Priced in between the MDX-P300 and EXP-800, it's the perfect mid-range tester with printer. Has all the features of the MDX-650 shown above plus the built-in printer to show your customer the test results.

MT-MDX-650PSOH



LAUNCH

Battery Tester

Features:

- Ripple detection
- Starter test
- Charging System test
- In vehicle testing capability

LT-BST-560



Battery Tester

Same functions as above with built-in printer.

LT-BST-860



Digital Battery Tester

Provides OEM technology at a toolbox tester price.

Range of 200-850 CCA on 12V batteries.

MT-PBT-100



Advanced Battery Electrical System Tester

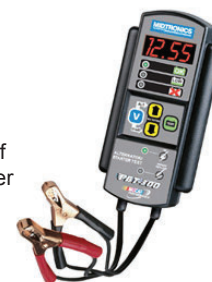
12 volt digital tester with high/low voltage capture for a better starter/charging system test plus bad cell detection. Range: 200-850 CCA.

MT-PBT-200

Diagnostic Battery and Electrical System Tester

12V tester has all the features of PBT-200 & expanded measurement range of 100-1400 CCA. Shows available power in CCAs at the end of each test.

MT-PBT-300



Advanced 12V Battery Conductance & Electrical System Tester

Integrated printer provides immediate results to review with customer. Test discharged batteries of 100 to 1400CCA that are down to 1V.

MT-MDX-P300



Heavy Duty Battery Conductance and Electrical System Analyzer

Created specifically for the heavy duty commercial/fleet market. 15' cable set allows systems tests to be run from the cab. Range: 100-2000 CCA.

MT-MDX-700HD

Also available with printer.

MT-MDX-700PHD



Power Supply Charger/Maintainer

Provides clean, reliable power for charging and maintaining battery state-of-charge during service reflash, complex maintenance, and in the showroom. Features selectable voltages of 13.2, 13.6, and 14.4 VDC via 3-position switch for standard lead-acid AGM, and EFB battery types.

MT-MSP-070-2



BATTERY TOOLS

EZ RED
The Leader in Specialty Tools



7 Pc Battery Maintenance Kit
Includes terminal lifter, spreader, cleaner and 5/16", 10mm ratcheting wrenches.
EZ-BMK1914



3 Point Crimper
to 4/0 AWG cables ideal tool for work in tight areas. 3/8" Dr. holding fixtures on top and bottom.
EZ-B7946

EZ RED
The Leader in Specialty Tools



Hammer Indent Type Battery Cable Crimping Tool
• Spring loaded pin
• Cast steel body,
• 8 Gauge to 4/0 AWG
EZ-B790C



Side Battery Carrier
• Handles 4 1/2" to 7 1/2" wide batteries
• Non-slip ribbed vinyl hand grip
EZ-BKS520



Adjustable Battery Cable Stripper
with adjustable blade, strips insulation jacket from cable, range of 8 gauge to 4/0 AWG
EZ-793CS

PRIME-LITE



Value Priced Booster Cables
12' long, 8 guage, 400AMP cable
PRI-24-509

PT
Performance Tool



20' Battery Jumper Cables
Tangle free rubber coated wires.
• 4 GA Wire ideal for SUV's, Vans & Medium Duty Trucks (500/600 AMP)
PER-W1673
• 2 GA Wire for Buses, Semis and Tractors, (600/800 AMP)
PER-W1669

K
KAPPA



Super Heavy Duty Booster Cable Clamps
• 800 Amp capacity
• Made of solid copper
AFK-74538

CTA



Bulb and Fuse Pliers
Plastic Body with cushioned inserts embedded in tips to protect bulbs Ideal for hard to get at jobs
CTA-3060

Lisle



Battery Terminal & Bolted-On Wiper Arm Puller.
LIS-54150



Heavy Duty Battery Carrier
LIS-57850

KASTAR
Hand Tools



Side Terminal Battery Wrench
5/16" reversible ratcheting action for GM side terminal battery bolts.
KAS-B10A



9 3/4" Extra Long Side Terminal Battery Wrench
5/16" reversible ratcheting action
KAS-6525

PT
Performance Tool



2 Quart Battery Filler

Features spring oaded filler valve.
Made of durable injection molded plastic.
PER-W54274

FLUKE



Pair of Springloaded Test Clips, opens wide enough to clamp a 3/8" bolt head. For use with modular test leads.
FL-AC220

BATTERY TOOLS & INSPECTION CAMERAS



22 Piece Alternator Service Kit

To remove/install press-on-type belt driven Bosch and Denso alternator pulleys found on a variety of German and Japanese vehicles.

CTA-8083



Bosch Alternator Wrench

Two part splined wrench required for removing/replacing free-wheel drive pulleys found on VW/AUDI, BMW, Mercedes-Benz and Porsche alternators.

CTA-8088



Anti-Freeze Hydrometer

EZ-SP102



Battery Hydrometer

EZ-SP101



Coolant/DEF/Battery Refractometer

- Inspect battery condition
- Check freezing point of coolant
- Easily check status of Coolant, DEF and Battery fluid

STO-3R401



Disc-Type Testers

- Ethylene glycol & dex-cool anti-freeze.

THX-106



Activator Dry Charge Battery Filler

No more acid spills, drips and leaks.

THX-604



Heavy Duty Battery Cable Repair Kit

Set consists of terminal crimper, stripper, cutter breaker bar and bench mount.

EZ-BCK18



Inspection Camera



- Extra large 4.3" Colour LCD display
- 35" camera and probe assembly coils inside the case for storage
- Includes mirror, hook clip, magnet and protective nylon storage/carrying case
- Dual screen image sizes and 2.0X digital zoom function
- Useful for inspecting engine compartment, A/C vents, plumbing pipes, home theater installations, cable routing, pest control & machinery.

PER-W50072



Computer Memory Saver



- Plugs directly into OBD II port
- 12V, 4.5 amp hour sealed lead acid battery included
- Built-in circuit breaker, low power & connection indicator

EZ-MS4000

Also available above computer memory saver with cigarette lighter adapter for older vehicles without OBD II port.

EZ-MS4000C



Memory Saver with 8' Hi-Viz Coiled Cord

OBD II Connection uses positive & ground pins only. 12V power source required.

EZ-MSBD28



Video Scope

For viewing, capturing videos and still images of hard to reach areas.

Features:

- 2.7" TFT Display
- 5.5mm Lens Tube
- 30" Cable

LT-VSP-800



Video Scope

With 4.3" TFT Removable Display to View and Capture Video and Still images.

- 7mm Lens Tube
- 30" Cable
- Built-In-Memory

LT-VSP-808



MULTIMETERS



Sheffield Research
Division

Low Current Clamp Meter

- 1mA to 100 Amps AC/DC
- Accurately measure current, current leaks (parasitic draws down to 1mA) and electrical loads from 1mA to 100 amp AC/DC and voltages from 0 to 600 AC/DC.
- Small diameter and narrow jaw make it ideal for use in confined spaces and on small gauge wires.

SR-CM100



Low Current Probe

DMM 0.001-80 amps, AC & DC full function DMM built-in. Great for parasitic drain tests, fuel injector & fuel pump tests, etc...

ES-687



0-20A, 80 Amp Low Current Probe for use with multimeters and scopes. .01A resolution.
ES-695

1000 Amp AC or DC Digital Probe/DMM

features 10 test functions w/ 37 test ranges. Auto-ranging includes temp probe.

ES-655



FLUKE.

Ideal meter to capture the fastest glitches & intermittents.

Made in U.S.A



True RMS Digital Multimeter

with min, max and average recording. Tests volts, amps, continuity & diodes. Has audible input alert feature.

FL-87-5

Complete Automotive Multimeter Kit.

Made in USA



Deluxe Automotive

Multimeter with RPM capability using the inductive pickup. Complete with carrying case & test leads.

FL-88-5AKIT



Mini Digital Multimeter

- Only 2" x 4" x 1/2"
- 16 test ranges
- 6 test functions

ES-501



Autoranging Digital Multimeter

10 test functions and data hold. Measures 3 1/2" x 6 1/2".

ES-480A



BOSCH



Hybrid Multimeter Kit CAT III (1,000V) Rated Tester

- Peak min/max readings as fast as 1 millisecond
- Up to 20 AMP test range.
- Set includes inductive RPM clamp, K type thermocoupler, CD user manual English/French.

BOS-MMD540H

FLUKE.



Compact - CAT III 600V

Safety Rated, True-RMS Multimeter. Supplied with TL75 test leads and 9V battery.

FL-115



Self-Calibrating True RMS Digital Multimeter



- TRUE RMS Accuracy
- 10 test functions, 43 test ranges
- Patented Self Calibration Function
- CAT III 600 Volts safety rating
- Measures: Volts, Ohms, Amps, Frequency, Capacitance, Duty Cycle, Diodes, Continuity & Temperature
- 40" leads, temp probe, zippered case

ES-485

Deluxe Multimeter with Amp Shutters for Improved Safety!



11 Functions - 33 Test ranges
MAX AC/DC 20A
700V AC - 1,000V DC
ES-582

FLUKE.

1000 V
CAT III

600 V
CAT IV



True-RMS Digital Multimeter

with removable/remote display reading up to 10 meters / 33' away.

Features a built-in thermometer

FL-233/AKIT

MULTIMETERS & TEST LEADS



Deluxe Automotive Multimeter Kit

12 Test Functions, 45 Test Ranges with RPM pickup & temperature probe. Dual fuse protection.
ES-585K



Complete Set of Specialty Test Probes

Extended test lead length of 64"
ES-142



54 Piece Automotive Test Connector Kit

This comprehensive test kit features a variety of terminal adapter sets which enable connection to most automotive vehicle connectors, foreign & domestic.
ES-146



113 Pc Auto Fuse Kit with Tester

This 112 Piece fuse assortment contains the most popular standard and mini sized automotive & marine blade fuses needed for most repairs
PER-W9045



48" Test Leads Screw-off Alligator Clips

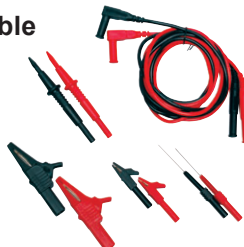
- Works with most DMM's
- 1,000V max - CATIII
- Maximum 10 Amps
- Alligator clips screw off /on - secure connection

ES-629

Interchangeable Test Lead Kit.

64" long.
In roll up pouch.

ES-143



A



B



C

A. 10 Ft Retractable leads 18GA with 3 alligator clips.

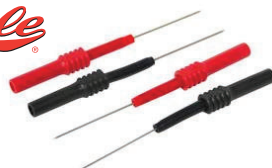
KAS-1129

B. 30 Ft Retractable test leads with alligator clips.

KAS-1130

C. 30 Ft Magnetic back retractable test lead. Insulated alligator clips.

KAS-1138



Flexible Back Probes - 4 Piece

Flexible silicone probe bends for hard-to-reach areas. Great for harness connectors and sensor wiring. For use up to 30 volts.

LIS-65150

10 Pc Back Probe Kit

Designed for backprobing, diagnostic testing & electrical troubleshooting

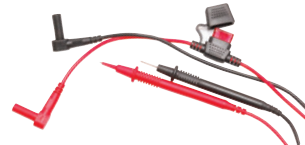
ES-804



Heavy Duty Insulation Piercing Clips

- Works with most test lead kits & DMM's
- High quality probes
- 1000 Volts max -CATIII
- Max 5 Amps
- Includes 2 clips

ES-142-3



Test Leads with ATC In-Line Fuse

Holder for Automotive Digital Multimeters.

ES-134

54" Magnetic Lead Set with Alligator Clips

You can "stick" to any metallic ground or test point.

ES-138



9CIRCLE



18 Pc. Super Thin Back Probe Kit

Contains six different coloured probes with each colour in straight, 45 degree and 90 degrees.

8" overall length.

NCC-41520



Diagnostic Relay Buddy 12 / 24 Pro Test Kit

- Test 5 different relays, both 12V and 24V
- 3 Diagnostic trouble codes help define the cause of the bad relay.

ES-193

CIRCUIT TESTERS

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOL

**6/12V
The Classic H.D. Circuit
Tester.**

• **SG-27000**

• **Bulb SG-27010**



6/12V H.D. Circuit Tester with
retractable wire that can stretch
to 12'. Exposed probe length 3".
SG-27300

• **Bulb SG-27303**



**Logic Probe - Computer
Safe 6/12/24V Circuit Tester**
with "Protect-A-Terminal" adapter.
SG-28100



12/24/42 Volt Circuit Tester

- For 12/24 volt and 42 volt Hybrid systems
 - Has 2 LEDs; blue for 12V/24V and red for 42V
- SG-28200**

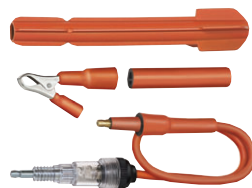
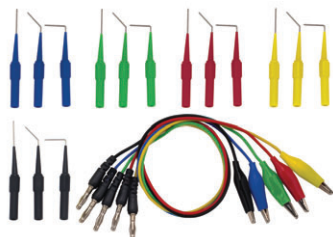


**Circuit Tester with
Digital Display**

Measures 5.0 to 28.0 volts DC
SG-28300

20 Pc Back Probe Kit

- Straight, 45 & 90 degree probes in .027" and .040" diameters
 - Insulated body for testing up to 30 volts
 - 12" extension leads
- SG-23500**



In-Line Spark Checker Kit
for recessed plugs. Provides info
not available with OBD II code
readers. Flashing bulb indicates
ignition or fuel delivery problems.
SG-23970



Bulbs Available

**In-Line Ignition
Spark Checkers**

A - Straight Boot.
SG-23900

B - 90° Boot & longer wire.
SG-23920



**Professional Cordless Circuit
Tester**

Needs no wire or clip.
Detects Voltage range 3-28V.
SR-8002

WAEKON
a division of Hickok Inc.



COP Quick Probe VS

Now with thumb-wheel to adjust
sensitivity. Let's you determine if the coil
is firing the spark plug properly.
WK-76562

LOADpro Bundle

- Includes 60" dynamic test leads, 200 page troubleshooting guide.
- Works with your existing DMM.
- Finds wiring problems fast by loading the circuit.
- On-the-fly "voltage drop" test finds problems like corrosion and frayed wires.

ES-181



**Fundamental Electrical
Troubleshooting Book**
ES-182

OTC

**6/12/24V Logic Probe
Tester.** Red and green LED's
interpret voltage signals.
Air bag safe.
OTC-3631



Astro



**Digital LCD, 4-60V Range
Positive and Ground
Circuit Tester.**
• 10' cable.
AST-7767



**Computer Safe Digital
LCD Circuit Tester With
3-48V Range.**
• 11' cable.
AST-7764

THEXTON



Wirehawk 12V Circuit Tester
THX-121



Cordless Circuit Tester

Does not require ground wire or clip.
Safe for work on ECM's, sensors,
transducers, airbags, etc. For use on
DC powered circuits with voltage from
3V - 28V.
AST-7760

ELECTRICAL TOOLS & SCANNERS

Deutsch Terminal Tool

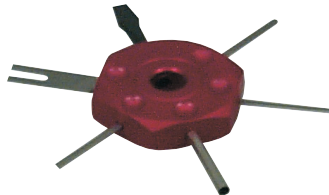


Works on OEM electrical connectors used on Caterpillar, Kenworth, Peterbilt, Freightliner, Mach & more. Also on some Harley Davidson's & industrial equipment.

3 tip sizes:

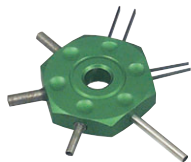
- 14-16 AWG and size 14 contacts
- 16-18 AWG and size 18 contacts
- 20-24 AWG and size 20 contacts

LIS-59600

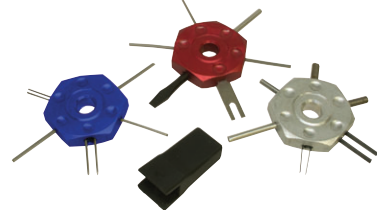


Terminal Tool designed for Pack-Con & Weather-Pack on GM C3 systems.

LIS-14900



Barb Depressor for Conventional Terminals.
LIS-56500



Wire Terminal Tool Kit

Works on conventional terminals as well as Pack-Con & Weather-Pack found on GM vehicles. New blue terminal tool fits many Ford applications.

LIS-57750



Master Passenger Vehicle Terminal Tool Kit

Consists of 19 tools with handles that are marked for easy reference to application chart. Complete with the latest tools for VW, BMW, Chrysler, Hyundai, etc.

STM-95978



6 Pc Terminal Release Tool Set

Serves most OE terminal connectors. Simply insert the appropriate tool to depress locking tab and let the wire slide out.

OTC-4461



4 Pc E-Clip Tool Set

For 6 - 9 mm sizes. Dual operation tool, one side releases E-Clip the other installs them.

OTC-4492



Magnetic Clamp Wire Holder Tool

Holds connectors and wire solidly during soldering or other work. Insulated clips act as heat sinks to protect shrink tubing or other sensitive parts.

OTC-5955



23 Pc Universal Terminal Tool Kit

Easily removes connectors and eliminates damage to wires and terminal blocks.

STM-95839



6 Pc Probe Kit

Appropriate for automotive, heavy-duty, marine, equipment, small engine, etc.

ES-805

Includes standard 4 mm banana plug test leads (#142-1), which connect with most test adapters - all brands



92 Pc Lead and Probe Set for Digital Multimeters

Allows testing of automotive sensors, air bags, electromagnetic valves, etc.

NCC-41500



CAN-OBID II Code Scanner

Reads & displays diagnostic trouble codes, turns off malfunction indicator lamp, erases DTC trouble codes & resets OBD II system.

PER-W2977



Code Buddy Pro OBD II Code Scanner with Live Data & Diagnostic Monitors

- Reads Mode 06 test data
- View Freeze Frame Data
- Displays O2 Sensor test data
- Displays I/M readiness
- Displays trouble codes and definitions
- Clears codes, turns off MIL and resets monitors
- Retrieves vehicle ID (VIN, CIN & CVN)

ES-903



DIAGNOSTIC TOOLS & SCANNERS

Premium Code Reader / Scanner



Now with larger 4" full colour display and direct free internet updates (USB 2.0)

- Auto Vehicle ID, auto module search & ultra fast protocol ID
- Reads & clears codes including ABS and airbag SRS on all makes and all models
- Support for all 10 test modes of OBD II with Enhanced OBD II Mode 6
- Turn off malfunction indicator lamp (MIL)
- View freeze frame data and I/M Readiness monitor status
- Graph, Record and replay data in full colour

LT-CRP123PREMIUM



Pro Grade Code Reader / Resetter and Scanner

- Complete Domestic, Asian & European coverage for ABS, SRS, transmission and engine
- Includes all the features of the **LT-CRP123PREMIUM PLUS**
- CResetter (Service Light Reset)
- EPB (Electronic Parking Brake)
- SAS (Steering Angle Sensor Reset)
- Battery Reset

LT-CRP129PREMIUM



C-Reader Elite

Has all the capabilities of CRP 123/129 plus a 5" colour screen, Wi-Fi automatic updates and more resets

7 Total Resets

- Injector Coding
- Battery Resets
- ESB
- SAS Resets
- DPF Regen
- Oil Reset
- Brake Bleed

LT-CRP-ELITE

LAUNCH

TPMS-Tire Sensor Activation & Programming Tool



- Check tire pressure in seconds
- Displays all available sensor data

Operations that require an OBD II interface such as re-learn, reset or replacement sensor activation can be done in conjunction with launch bi-directional pro-series scanner.

LT-TSAP-1

Millennium HD Pro

Code reader/resetter for trucks and other heavy duty vehicles with gasoline and diesel engines including Caterpillar coverage.

- It has integrated DPF function that reads and clears DTC.
- I/M readiness, O2 sensor test, EVAP test for gasoline engines
- Includes 6 Pin, Type II, 9 Pin and 16 Pin adapters

LT-301050372



Millennium 90

- 4 Colour graphs
- PC internet free upgrade
- Multilingual support
- Print data via a PC
- Freeze frame data
- Read readiness status



Multi-purpose code reader provides 10 OBDII/EOBD diagnostic modes, plus oil reset, break bleeding, EPB, BMS, DPF and SAS reset
Live data stream reading
ABS and SRS diagnosis

LT-301050345

Creader V+

Full Colour Generic OBD II Code Scanner

- Read and clear DTC codes
- 2010 & newer permanent code retrieval
- O2 sensor & EVAP tests

LT-CREADERV+

(301050144)



Creader VII

Tester Integrates Code Reader Capabilities and Reset functions of LT-CRESETTER

- Reset oil & service reminder lights on many '96 and newer passenger vehicles
- On-screen instructions included for manually reset vehicles

LT-CREADERVII

(301050139)

Code Scan Tool + CRESETTER



Millennium 40

Entry-level personal car maintenance tool.

- Read and clear trouble codes.
- View and graph live data.

LT-301050340



X-431 Torque

Full Function, full coverage scan tool featuring new user interface making it easiest to use scan tool in the industry.

- The torque is based on new open android 7.1with google play.
- 10.1" WXGA, IPS Display.

LT-X-431TORQUE

DIAGNOSTIC TOOLS



LAUNCH



8" Hi-Res Android Based Scan Tool Tablet

- Allows for full system diagnosis through Class-1 Bluetooth 4.0 connector
- OE level access to Asian, European and Domestic applications for module coding, resets, relearns and bi-directional capabilities
- Install third party apps and software
- Auto-ID all available vehicle systems and modules
- Built-in vehicle maintenance and repair database
- Complete OBD I set of adapters included
- Hi-Res camera (5MP rear, 2MP front)

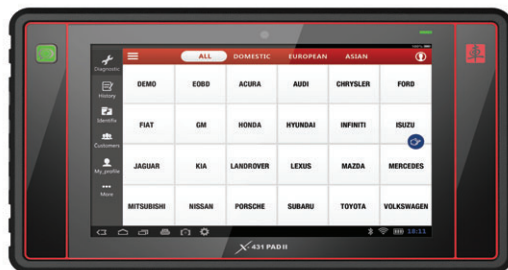
LT-X-431PRO

10.1" Hi-Res Android Based Scan Tool Tablet



- High-end comprehensive diagnostic equipment with charging base based on the Android 7.1 system, supports dual 5GHz WiFi communication
- Qualcomm 8-core processor, 10.1-inch capacitive touchscreen, QC 3.0 quick charge technology
- Upgraded camera
- OE level access to Asian, European and Domestic applications for module coding, resets, relearns and bi-directional capabilities

LT-X-431Throttle



X-431 PAD II A (ENHANCED) Android Scan Tool Tablet

- This scanner is a robust, drop-tested and waterproof tablet with a 10.1" ultra-high resolution IPS touch screen.
- Features vast vehicle coverage, powerful special test functions, ultra-fast Live Data and graphing.
- Optional - New revolutionary "customer remote diagnostics" capability. "GOLO" let's the shop remotely analyze customer vehicle data away from the shop.
- Class-1 Bluetooth 2.1 connector.
- Hi-Resolution camera.

LT-PAD II A

BOSCH



For Class 4-8 Vehicles

Easy to use code reader and scan tool for Heavy duty and medium duty trucks, internet updatable

Read, diagnose and clear HD Standard trouble codes. HDS 250 displays and graphs live data from SAE Standard MIDS/PIDS and records data for playback. A cost-effective solution for shops needing a second tool and mobile repair for use in the field.

BOS-HDS250



ESI [TRUCK] HD Diagnostic Kit 10" Tablet (Windows 7)

- Includes Data Link adapter, 6pin, 9pin, 16pin connectors
- Diagnostic software for Mack, Freightliner, Kenworth, Peterbilt, Volvo, etc. and external DVD drive
- Features automatic vehicles ID, wiring diagrams, etc.

BOS-3824A

BOSCH



Automotive Diagnostic Tool With 10" Hi-Resolution Display.

Android 5.0 plus 64 GB SSD for fast processing, printing and file sharing. Features "Repair Source" a comprehensive vehicle service and repair info library.

BOS-3970

PT
Performance Tool

Electronic Parking Brake Tool

Read diagnostic trouble codes, data stream, ECU information, and parking brake system information
Deactivate/activate the SBC
Sensotronic Brake Tool

PER-W3000



DIAGNOSTIC TOOLS



ADS 525X Diagnostic Scan Tool With 8" High Definition Screen

- Covers domestic, asian and euro passenger vehicles with 12 month subscription. **PLUS FREE 30 DAY TRIAL** of optional Enhanced subscription that allows for colour wiring diagram and repair-source, OEM service and repair info library.
- Includes wireless J2534 compact VCI.

BOS-3945



DAS 3000 Automotive Safety System Recalibration

vision positioning systems automatically measures vehicles distance and angle-ensuring precise camera and radar calibrations.

- Unit supplied complete with Bosch 3970 scan tool shown on previous page

BOS-DAS3000-1



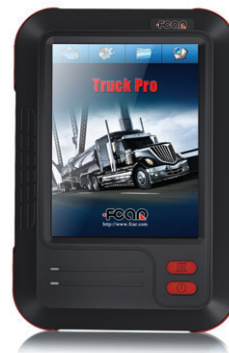
FCAN
Heavy
Duty



10.1" Screen - Android 4.3 Diagnostic Tool

- For passenger vehicles, light commercial vehicles and H.D. trucks.
 - Communicates via WIFI and Bluetooth for powerful basic and special functions for diagram wiring, remote support and on-line updates.
 - 2Gb Ram, 32 Gb ROM storage capacity.
 - 3.7V/10,000mAh Lithium-Ion polymer battery.
- Coverage includes:
- HD Diesel Engines: (Cummins, Detroit, Caterpillar, International MaxxForce, PowerStroke)
 - HD Trucks: Freightliner, International, Kenworth, Peterbilt, Sterling etc
 - Off Highway / Farm: Bobcat, Caterpillar, John Deere
 - Imported HD trucks or Engines: Hino, Isuzu, Fuso, Volvo/Mack, Man, Mercedes, UD, Iveco

FCR-F7S-G



Heavy Duty Trucks and American Vehicles

Professional diagnostic scan tool for North American heavy duty, super duty and light duty trucks. Test most electronic, engine, transmission, ABS and Airbag modules with bi-directional functions.

- Covers HD Diesel Engines, Domestic HD trucks, Farm Equipment, Imported HD Trucks, Super DUTY and light duty trucks or gasoline pickups, plus Ford, GM, Chrysler, Dodge passenger vehicles.
- Includes connectors for OBD 16, Diesel 6, Diesel 9 (Cummins 9 pin), CAT 9.

FCR-F3-N

ELECTRICAL SYSTEM DIAGNOSTICS



Small Engine Tach / Hour Meter

RPM Range: 0 - 20,000 RPM

RPM refresh rate: 0.5S or 1S

Hours: 0 - 99,999 hours

ES-329



Leak Down Test Kit

Helps identify causes of low cylinder compression with adjustable pressure regulator. 12 and 14 MM thread adapters included.

PER-W89729



Pro-Grade Laser Tachometer

with memory function that saves maximum and minimum RPM readings. Range to 99,999RPM.

ES-332

Contact/Non-Contact (Laser) Tachometer.

Includes:
3 contact tips.
Range: 99,999 rpm

ES-333



Diesel & Gasoline Engine Tachometer

- 200 to 9,999 RPM
- Does not require direct contact or line of sight to rotating parts.
- Works with any engine equipped with an alternator.
- Applications: exhaust emission and noise testing, heavy equipment, agricultural, industrial, marine, etc.

SR-TA303



6 - 42 V DC. Redesigned and upgraded Fault Finder, traces short circuits, open connections, current leaks, etc...

SR-FF310



INNOVA
DIAGNOSTICS MADE EASY

Digital Timing Light with 4 function digital readout with backlit LCD display.

- Tach, dwell, voltage and advance degrees
- For 2 or 3 cycle motors

INN-5568



Power/Ground Outlet provides a convenient electrical ground and power source from the vehicle.

LIS-32150

Tests Circuits up to 12V.



2 in 1 Heavy Duty Circuit Tester & jumper wire for power or ground.

LIS-32900



mityvac

Vacuum / Pressure Gauge and Fuel Pump Tester

Tests mechanical & electrical fuel pumps (up to 10psi). Large 3 1/2" gauge.

MV-5511

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



11 Pc. Noid Light & IAC Light Set

with in-line ignition spark checker, case.

SG-36330



6 Piece Noid Light Set.

SG-36300



In-Line Spark Checker for Recessed Plugs, Noid Lights and IAC Test Kit

Use to test spark plug circuits, electronic fuel injection signals and idle air control circuits.

SG-36350

STRATEGIC
TOOLS & EQUIPMENT COMPANY

Multi-Voltage Glow Plug Tester

Works on systems 1.9V to 50V

STT-AMGPT1



BMW Conditional-Based Servicing Tool

- Resets all required systems
- Works on 2002-2012 BMW vehicles with CBS

STT-ABMWSLR12



VW/Audi Service Light Reset Tool

Resets service light, airbag light, change service interval, covers up to 2012 model year.

STT-AVAGSLR12



AIR CONDITIONING

cps®



Semi-Automatic R-134a Refrigerant Recovery Recycling Machine.

Configured for large capacity application such as transit authorities with:

- 90 lbs Tank
- 10 CFM Vacuum Pump
- Longer Hoses

CPS-AR2700TA10

ROBINAIR



Advanced R134A Heavy-Duty

Fully automatic R/R/R machine with large capacity removable tank and a liquid pump ideal for buses, etc. Features: port to use nitrogen to dry and leak test vehicle A/C system.

ROB-34888HD

cps®



Fully Automatic Multi-Refrigerant Recovery, Recycle and Recharge machine.

Unit can be used on R-134a, HFO-1234yf, R22 and R407C.

Conversion between refrigerants takes only 5 minutes.

Unit is supplied with one 50lbs. recovery tank, 8' hoses, couplers and refill adapters for R134a and HFO-1234yf.

CPS-FA1234



Additional Tank and Filter Package

For conversion to HFO-1234YF for the CPS-FA1234, Purchased 2017 or earlier.

CPS-FA1234X1

ROBINAIR



Spin-on recycling filter/drier for late model AC machines.
ROB-34724

cps®



Replacement Filter/Drier for CPS-AR2788S, FA1000 and FA1234.
CPS-ARX-F5

AIR CONDITIONING



R134a/R1234yf Complete A/C Recovery Set

Twin turbo, built with the safest spark free components. Includes 30lb Dot tanks for R134a and R1234yf. 1/2HP, 115v oil less compressor
MC-69372



Complete A/C Recovery System with 30lb DOT Tank

Includes Oil Separator and Filter Dryer to cleanse refrigerant during recovery process. 1/2 HP oil-less compressor with auto high and low pressure cut-off switch. Includes 1/4 turn highly durable valve gauge set, colour coded silicone dampened gauges, hoses, 134a low side coupler and 30 lb tank.

MC-69100



Spark Free - Twin Turbo Refrigerant Recovery Package for R1234YF

Features: largest fan and condenser in the market. Machine casing made of high density polyethylene. Includes: 30Lb. dot tank, low side coupler and hoses.

MC-69360-YF



cps

Compute -A- Charge Refrigerant Scale
Scale has 220 LBS capacity with 0.25 OZ resolution
CPS-CC220

CoolTech Vacuum Pump

6CFM 2-Stage

ROB-15600

ROBINAIR



Two Stage, 6 CFM Vacuum Pump

Designed to pull deep vacuum fast to 15 Microns. 1/2 HP, 115/230V

CPS-VP6D



Digital Vacuum Gauge

Provides continues readout of evacuation process. Connects to 1/4" female SAE A/C hose with core depressor.

CPS-VG200

cps



Digital Pocket Thermometer

reads -58 to 302F/-50 to 150C and features a stainless steel probe.

CPS-TMDP

MAXXEON



Ultraviolet LED Inspection Penlight

- 3x Zoom Lens
 - A/C refrigerant dye leak detection
 - 2 AAA Alkaline batteries included
- MAX-314**



TIF

1 Year Warranty

Slimline - Portable Refrigerant Scale

Capacity 0-50kg (110lbs), 9V DC power supply, reading accuracy of +/- 0.5%.

TIF-9010A



240 Lbs /110 Kg Capacity

9V Battery Powered

9" x 9" work platform

Accu-Charge II Advanced Electronic Refrigerant Scale

with programming capabilities.
MC-98210-A



R134a A/C Manifold Test Kit

With 50"long hoses. Includes low and high side manual couplers and case.

PER-W89730



R1234yf A/C Manifold Test Kit

Features 72" yellow source hose and optical sight glass

PER-W89739

ROBINAIR

Set of Low & High Side Manual Field Couplers for R-134A.
ROB-18192



Also available separately
Low side **ROB-18190A**
High side **ROB-18191A**

R134a

Brass Manifold Kit

Complete with 72" hoses and angled manual couplers.



ROB-45111

R1234yf



Aluminum Manifold Kit
For R1234yf refrigerant, with 72" hoses and field couplers.
ROB-41234

ROBINAIR



Syringe-Type Oil Injector for adding oil to a fully pressurized R134a A/C system.
ROB-16256

Oil Type Labeled Syringe-Type Oil Injector
For adding oil to a fully pressurized R1234yf A/C system.



Labeled for use with PAG oil only
ROB-18465



Labeled for use with POE (ester) oil only
ROB-18470

cps



R134a Chrome Manifold Set
Complete with 3 x 96" black hoses, field couplers and storage case.
CPS-MAID8QZ



Set of one each high and low side premium R134a manual field couplers.
CPS-QC134SET



Automotive Hoses
14mm x 1/2" ACME

Set of 3 - 72" Colour Coded Hoses.
CPS-HA6

Also Available Separately:
• (Blue) **CPS-HA6B**
• (Red) **CPS-HA6R**
• Yellow with Ball Valve. 1/2" x 1/2" ACME **CPS-HA6Y**

Fin Straightening Tools



Plastic, Universal 6 sided.
CPS-TLFC6



Metal Fin Style
CPS-TLFC1



Combo HFO1234yf & R134a Manifold Set
Complete with custom padded case, 3 x 72" premium hoses with 1/4" SAE fittings.
CPS-MTHFO134



12mm Fittings

HFO1234yf Manual Coupler Set
CPS-QC1234SET



R134a to HFO1234yf Conversion Coupler Set
With 14mm fitting.
CPS-QC1214SET



R12/R134a to HFO1234yf Conversion Coupler Set
With 1/4" SAE male thread, AD84L adapter included.
CPS-QC123414SET



Mastercool
"World Class Quality"

Dual R134a/R1234yf Digital Manifold Package
complete w/72" hoses, field couplers and case.
MC-99172

AIR CONDITIONING

MOTORVAC



CarClean A/C Ventilation and Interior Sanitizing System

Eliminates offensive odours and treats mold, mildew and bacteria.

Complete service in 15 minutes.

MOT-500-0500

Recommended chemical for CarClean System

UltraSonic MIST

100ml (3.3 fl.oz.)

Case of 12



MOT-400-0501

emzone



Odor Stop / Odor Neutralizer

One time use (total release) can is reduces odors in vehicle cent and AC systems.

Available in:

- **EM-44210** Vanilla 156 g / 5.5 oz
- **EM-44211** Fresh Linen 156 g / 5.5 oz
- **EM-44212** Citrus Lime 156 g / 5.5 oz
- **EM-44213** New Car 156 g / 5.5 oz



TITAN

**270pc HNBR
O-Ring
Assortment**

For R134a Air Conditioning Systems. Contains the 18 most popular sizes. Convenient re-sealable plastic case.

TTN-45201



CPS

Fully Automatic Refrigerant Leak Detector with Removable UV Light

Certified for R134a and HFO1234yf
CPS-LDA1000UV

This **R12/R134A Refrigerant Leak Detector** combines the most advanced microcomputer circuitry with field proven ion-pump sensor technology.

CPS-LS790B



Mastercool
"World Class Quality"

"Raptor"

All refrigerant leak detector plus UV Blue Light
Features: Digital signal microprocessor, Visual leak level indicator, Variable frequency audible alarm, includes UV glasses

MC-56200

ROBINAIR

Premium Leak Detector for R134A/1234YF

New colour graphic display shows the amount of refrigerant detected in the air.

ROB-LD7



Automotive A/C Nitrogen Pressure Leak Test Kit

Complete with regulator.

Package includes:
6' red service hose,
8' yellow air hose
assembly,
R134a high
side coupler.

CPS-NITROKITG



Spotgun Jr. LeakGuard A/C Sealant Injection System

Permanently and safely seals A/C leaks in both rubber and metal components.

Includes 2 x 1oz LeakGuard cartridges.

UV-480300



Spotgun™ HFO Oil Injection Kit

World's most popular and professional injection method. Inject a precise amount of oil into the A/C system and you're done. Allows for compliance with J2843 Standard

(separate oil injection). Includes:
Spotgun™ injector with R1234yf adapter.
PAG 46 HFO oil cartridge (8 oz./240 ml)

UV-481500YF



Spotgun Injection System Kit

Includes 1 dye cartridge (8oz / 240ml), R-134a and R-12 adapter. service stickers.

UV-471500A

TRACERLINE



EZ - Shot, Dye Injection Kit

- 8oz universal/ester cartridge
- R-134a hose coupler
- R1234 YF Adapter.

TR-TP9790-BX

AC LEAK DETECTION



Spotgun / Phazer BLACK Kit

- Phazer Black rechargeable light
- Spotgun injection system
- One 8oz UV Dye cartridge
- UV dye enhancing glasses
- Service stickers and rugged case

UV-414565A



Spotgun / Micro-Lite Kit

Includes 50 watt micro-lite, Spotgun, R-134a hose, R-12 adapter, 1 SAE-J2297 certified universal A/C dye cartridge, dye cleaner and UV enhancing glasses.

UV-414500A



Professional Compact 6 LED Leak Detection Light

Includes UV enhancing glasses. Works with all fluorescent dyes. 3AA batteries included.

UV-413010



NEO UV Light finds leaks others miss

- High output UV LED
- Adjustable focusing lens
- Rechargeable lithium-ion battery
- Comes with UV enhancing glasses

UV-413025

TRACERLINE® COOLSEAL™ Cool Seal Syringe Injector Kit

- Compatible with all popular refrigerants systems including R-1234yf Services
- Vehicle Includes prefilled, disposable syringe, hose/coupler with check valve and adapter/purge fitting.

TR-TP-2210CS



R1234YF Spotgun Hose Adapter Assembly with Coupler

UV-471540



Spotgun JR UV Phazer Black Kit - "A" Model

Includes:

- The UV Phazer Black light
- Spotgun Jr injection system
- Four 1oz. UV Dye cartridges
- UV Dye enhancing glasses
- Service stickers
- Rugged case

UV-332005A



UV Phazer Black Cordless

- Powerful True UV 810 LED 11X brighter than before.
- 400nm wavelength fluoresces dyes brighter and provides more contrast than blue light
- Adjustable lens focus
- Lithium ion battery provides 2 hours of output
- Includes UV enhancing glasses

UV-413065

Complete A/C & Fluid Leak Detection Kit

Refillable, multi-color dye kit for A/C and Fluid Leaks.

TR-LF021



LeakFinder®

Powerful blue light LED leak detection flashlight with an inspection range of 6 feet and 100,000 hours of operational life.

Uses 3 AA batteries (included)

TR-LF400



PicoLite

Uses a super bright 1-watt Luxeon LED - the latest high intensity LED technology. Includes UV enhancing glasses and 3xAAA batteries.

UV-413020

TRACERLINE®

LeakFinder® UV Lamp

A powerful violet light LED leak detection flashlight. Includes 3 AAA batteries, fluorescence-enhancing glasses and lanyard

TR-LF500CS



AC LEAK DETECTION

CLIPLIGHT



450plus Advanced Blue LED Inspection Light for Leak Detection

- Rechargeable AC/DC power
- Powerful single blue LED
- Various beam capabilities
- Robust aluminum construction
- UV Enhancing glasses included

CL-450DCPLUS



VIEW

UV Phazer Black Cordless

- Powerful True UV 810 LED, 11X brighter than before.
- Adjustable lens focus
- 3 AAA batteries = 2 hours of output
- Includes UV enhancing glasses

UV-413075



**UV Glasses
UV-471112**

VIEW



Multi-Purpose Dye

- Pinpoint leaks in engine oil, transmission, hydraulic, power steering, gasoline & diesel fuel systems
- Services 6 vehicles
- 6 bottles, 1oz/30mL

UV-B483206



Spotgun Jr. A/C Dye "Single Shot" Cartridges

Includes 6 dye cartridges for 6 applications. SAE-J2297 certified and OEM approved. Complete with service stickers.

UV-399006A



A/C Deluxe Recharge & Sealant Kit

- 2 emzone 12A Refrigerants
- 1 emzone 12A Stop Leak
- 1 Deluxe Recharge Hose (Brass)
- A/C Retrofit Conversion Fitting
- A/C Refrigerant Oil Tester

EM-45883



Emzone A/C Recharge Kit

Includes:

- 2 emzone 12A Refrigerants
- 1 Recharge Hose with Gauge
- A/C Retrofit Conversion Fitting
- A/C Refrigerant Oil Tester

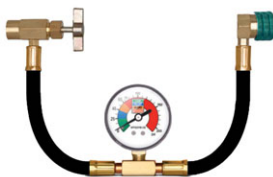
EM-45885



1234YF Replacement A/C Cool Refrigerant

SIZE 170g/6oz

EM-45830



1/2" Valve Recharge Hose with Gauge 13" / 33 cm

EM-45753

Bulk hose

EM-45763

Package hose



1/2" Tap Recharge Hose with Pressure Gauge

Includes R134a quick connect.

Bulk: **EM-45714** Hang Pack: **EM-45715**

emzone

12A Refrigerant Easy Fill

All-in-One product for refilling A/C system. Recharge hose with trigger and gauge offers a fast and easy recharge solution.

Size: 284g/10oz

EM-45850



12A A/C Cool Refrigerant

SIZE 170g/6oz

EM-45851



12A A/C Stop Leak

SIZE 114g/4oz

EM-45856



cps

1 Quart Vacuum Pump Oil

CPS-VPOQ12

ROBINAIR



Premium High Vacuum Pump Oil

- 1 Quart **ROB-13203**
- 1 U.S. Gallon **ROB-13204**



Mastercool
"World Class Quality"

Thermal Imaging Camera

- Pinpoints cold and heat signatures with imaging and temperature readings (-20C to 350C).
- Includes case, 32 GB micro SD card, CD, USB cord.

MC-52325



AC, OIL & DYES



**eBoost Universal
PAG Oil** with A/C dye.
16 oz/355 mL
UV-488016P

Spotgun 8oz./240ml A/C Cartridge

Up to 64 applications, SAE-J2297
certified & OEM approved. Includes
service stickers.

UV-499108A



**PAG Oil
(125 viscosity)**
Meets GM
spec. 9985752
UV-488125P



**PAG Oil
(46 viscosity)**
8 oz. / 240 mL
UV-488046P



SpotGun Jr. A/C ExtendDye "Multi-Shot" Cartridges

Serves up to 40 vehicles.
4 x 1oz/30mL

UV-399020A



B



C



TRACERLINE®

- A. TR-TP9760-8 (1) BigEZ™ 8oz. R-134A/PAG dye cartridge
B. TR-TP9770-8 (1) 8oz. BigEZ™ universal A/Cdye cartridge
C. TR-TP-9762-0108 (1) BigEZ™ 8oz. PAG Oil - viscosity 100



6pc. Aluminum Disconnect Set

For Spring Lock Couplings on Ford And Chrysler
Air Conditioning Lines And On Fuel Line Quick
Connect Couplings, Size 5/16" to 7/8"

LIS-35800



6 Pc. Angled Discon- nect Tool Set

Includes same as above set
made of fuels and solvent
resistance plastic

LIS-39400



**Pro-Grade
A/C
Compressor
Clutch
Tool Kit.**



Removes and installs most A/C
compressor clutches. Comes
complete with universal spanner
wrench and instruction manual.

CPS-CTK1300A



Pro-Series Universal Ratchet Tube Bender Set

With 7 molded plastic mandrels with range of
1/4" to 7/8" (6-22mm). Metal ratcheting system
includes tube cutter & reaming plus deburring
tools.

CPS-TB250



Tube Cutters



A



B

**A - Mini Tube Cutter (1/8" to 5/8")
CPS-TC127**

B - Premium H.D. Tube Cutters

- **CPS-TC274 (1/8" to 1-1/8")**
- **CPS-TC312 (1/4" to 1-5/8")**



PVC Tube Cutter

With range of 1/4" to 2 5/8".

CPS-TCPVC



**2-In-1 Ratcheting pipe/tube cutter
with OD range 1/4" to 1 1/8"**

Quick release handle to convert to compact
cutter

PER-W705

AC SERVICE / FLARING TOOLS



Metric Bubble Flaring Tool Set

Flares without removing brake lines from vehicle. Includes adapters for 4.75, 6, 8 and 10mm tubing.

MC-71100



Universal Hydraulic Flaring Tool Set.

Re-Designed Yolk and Pump Assembly. With GM fuel line adapters and improved hydraulics.

MC-72475-PRC



3/16" and 1/4" Low Profile Flaring Tool Kit

Creates single and double flares, depth stop ensures proper tubing length

LIS-33260



"Hydra-Flare"

Air-operated push connect, 45 degree and double flaring set. Includes 3/16" to 1/2" flare dies and adapters and 1/4", 5/16" and 3/8" push connect bits.

MC-72300



Master-Hydraulic Flaring Tool Set

Re-Designed Yolk and Pump Assembly Complete with GM fuel line and transmission cooling line adapters

MC-72485-PRC



Combination Flaring Tool for SAE & Metric Double Flaring Plus I.S.O. (Bubble) Flares

On a handy organizer case. Works on aluminum, copper & soft steel tubing.

LIS-56150



Manually Operated A/C Hose

Crimper features dies that snap into place without pins or screws. Includes die sets for #6, #8, #10 & #12.

MC-71550



Double Flaring Tool

Precisely flares tubing up to 0.040 wall thickness to SAE 45 degree flares.

Range: 3/16" to 1/2" (7 sizes).

GW-41860



Hydra-Krimp

lightweight hand held hydraulic A/C hose fitting press for barbed and beaded fittings.

MC-71500-A



Bubble Flaring Tool

Precisely flares tubing up to 0.040 wall thickness to Metric 45 degree flares. For sizes: 4.7, 6, 8 and 10mm.

GW-41870



4 Piece Low Profile Jiffy-Tite Disconnect Set

Low profile design quickly and easily disengages the line from Jiffy-tite quick-connect fittings without removal of the clip.

Includes 3/8", 1/2", 5/8" - 30%, and 5/8" -39%.

LIS-22990



Set of 4 Coolant Hose Disconnect Tools

Features 40 degree offset design for jobs up against the firewall or in tight spaces.

CAL-244TNZ

COOLING SYSTEM



6 Piece A/C and Fuel Line Disconnect tool set.
(5/16 to 7/8")
LIS-37000



Cooling System Pressure Tester
Comes with 4 cooling system adapters that cover most domestic and asian vehicles. The two foot hose has a push button pressure relief valve and features quick-connect operation.
MV-4530



Airlift
Eliminate airlocks in vehicle cooling systems and refills in seconds.
UV-550000



18Pc Master A/C & Fuel Line Disconnect Tool Kit plus Ford tranny line disconnect tool.
LIS-39900

Cooling System Air Evac Kit
Combines a universal adapter with a compressed air operated Venturi vacuum. Slim design for tight areas.
MV-4535



Airlift II
Eliminate airlocks in vehicle cooling systems and refills in seconds. Works on all cooling systems with "Fits-All" cone adapter.
UV-550500



Airlift II Heavy Duty OEM Approved by International Truck

- Remove airlocks in HD cooling systems in trucks and buses
 - Creates a vacuum in the coolant system refilling the entire system in seconds, including heater core, EGR coolers, intercoolers and aftercoolers
- UV-550500HD**



15 Pc. Master Disconnect Set
works on fuel, transmission, oil cooler and A/C lines.
AST-78930



Toyota A/C Disconnects
Set of 2 for different coupling sizes. Removes A/C spring lock coupling for 2000 and up Toyotas.
CTA-3456

Silverline Elite Test Kit
Capable of producing either vacuum or pressure with equal precision & convenience.
MV-8500

Universal Cooling System Retrofit Kit



Connect Mityvac's universal cooling system adapter to most standard cooling system testers - transforming your dedicated pump into a versatile tool. Multiple fittings allow for interchange between Mityvac's universal adapter and user's standard adapter.
MV-4521



Universal Radiator Adapter Works on more than 90% of cars and light trucks.
MV-4506



Cooling System Pressure Test Kit



Kit includes the Selectline hand pressure pump with 4 test adapters and 2 dual function cap test adapters.
MV-4560



Combustion Leak Tester
Includes Dual-Chamber tester & Tester fluid (16oz./480ml).
UV-560000
Replacement test fluid for above (16oz./480ml). **UV-560500**

COOLING SYSTEM

cps

14 Piece Radiator Test Kit



Includes tester, temperature gauge and an assortment of anodized aluminum adapters to cover most passenger cars.

CPS-TLRAD

9CIRCLE



Cooling System Vacuum Purge and Refill Kit

Eliminate airlocks created while refilling coolant and checks for leaks. Supplied with universal adapter kit.

NCC-70120

PT
Performance Tool

Universal Cooling System Pressure Test Kit

Includes 12 of the most popular adapters and a quality hand pump

PER-W89733



mityvac



Cooling System Flusher

- Stepped up flushing nozzle fits hoses from 3/4" to 2"
- 3/4" swivel inlet for connection to standard garden hose
- 1/4" air-nipple included for shop air connection
- Adjustable air & water flow
- 85-150 psi working pressure

MV-4570

Spray Washer & Cooling System Flusher

Same features as MV-4570 plus spray washer nozzle to effectively clean and wash various surfaces without damaging them

MV-7270

Astro



Universal Radiator Pressure Tester and Vacuum Type Cooling System Kit

- Allows easy testing for leakage in radiator system and quick change of coolant
- Unit is suitable for domestic and import vehicles
- colour coded suitable test cap makes it easy to choose the suitable test cap for the job.
- Special design of vacuume purge & refill tool connection fits nearly all type of radiator openings

AST-78585

Stant

Testers and Adapters

Cadillac, Corvette, Ford Crown Victoria, V8 Mustangs, Taurus, V8 Thunderbirds, F-Series pickups, etc.

ST-TA26



Threaded Cap Testing Adapter for '99 and up GM cooling systems with threaded filler neck, such as Avalanche, Silverado, Tahoe, etc.

ST-TA32



For late model Acura Integra, Honda Accord and Civics, Toyota Corolla, 4 cyl Camry, 4 Runner, etc.

ST-TA25



For '92 & newer Volkswagen cooling systems with threaded filler neck.

ST-TA28



Truck Adapter Kit

for vehicles with 2 11/16" O.D. "B" size large diameter filler neck.

ST-A450



Threaded Cooling System Adapter (64 x 3 size)

ST-12042

Volvo Truck



BMW Threaded Cooling System Adapter

ST-12030

Cooling System and Radiator Cap Pressure Tester

(up to 30 PSI) with deluxe carrying case.

ST-270

Adapters sold separately.



FUEL INJECTION

OTC



This Canister Fuel Injection Cleaner connects directly to shop air, and when used with recommended solvent (below), will clean injectors more effectively than aerosols.

OTC-7448A



OTC

This high performance **Fuel Injector** cleaning fluid restores injector pattern, helps prevent recurring problems and reduces intake and exhaust port deposits. Use full strength - no mixing. Case of twelve 16 oz. cans.

OTC-7000A

Lisle

Fuel Filter Wrench for RAM EcoDiesel

Fuel filter wrench for the 2014-current RAM 1500 EcoDiesel

LIS-61150



Line Sockets, 19MM & 22MM

Designed to replace fuel line fittings on cummins ISB and ISX engines

LIS-12320



PT
Performance Tool



Fuel Line Clip Removal Pliers

- Works on VW and Audi fuel lines with plastic snap-together connectors
- Mercedes M-Class fuel filters
- Ford, Mazda, Fiat, GM and BMW's with gas powered engines

PER-W83115

OTC



Fuel Injector Puller

Attach to any Slide Hammer with 5/8"-18 thread, to remove fuel injector from most 1.5L, 1.7L, and 2.7L Ecoboost engines. Also works on 2012 and later 2.0L Duratec and 2.0L GTDI.

OTC-6999

Compression Tester Set

Tests all domestic and foreign cars and light trucks with gasoline engines, including mini engines. Also includes a separate, very handy small engine tester.

STR-TU30A



AUTO-FORCE
TOOLS FOR PROFESSIONALS

Diesel Compression Test Set

Includes fittings for popular European makes and glow plug testing for GM 4.3, 5.7, 6.2 and Ford/Navistar 6.9 and 7.3L diesels.

AF-9470



PT
Performance Tool



33 Point Injector Pump Socket

- 33 point serrated socket for Mercedes Benz injection pump repair
- For installing and removing the pressure valve holder on the MRSF-ERE injection pumps
- Mercedes diesel engines 601, 602, 603, 605, 606, 615, 616, 617, 1982 and up
- 1/2 inch drive, with an overall length of 2.18 "

PER-W80601

Lisle



GM-Injection Pump Gauge

Kit for late model direct injection engines 2.5L 4cylinder, 3.6L VVT, 5.3L and 6.2L V8's, etc. Allows correct installation of high-pressure fuel pumps by ensuring the fuel pump camshaft lobe is on the base circle

LIS-70080

AUTO-FORCE
TOOLS FOR PROFESSIONALS

Master Fuel Injection Diagnostic Set

Made in USA



For domestic and import vehicles. Features dual scale gauges with rubber protectors.

AF-9419



Fuel Injection Canister Cleaner Assembly.

AF-9480

Also available, combo-pack of Diagnostic Set AF-9419 and Cleaner AF-9480.
AF-9490



Update Set for AF-9419 shown above to cover virtually any application.

AF-9420

FUEL INJECTION



Injector Bore Cleaning Brush

For ford Late Model Vehicle Equipped with 1.5, 1.6, 2.0, and 2.7 Ecoboost engines and 2.0 duratec 3.5 and 3.5L GTDI

OTC-6877



Professional Compression Test Kit

Kit Complete with case, 0-300 PSI shock resistant gauge and full range of adapters.

MV-5530



Power Steering Tester

Tests for defects in power steering pumps, gears and lines. Supplied with 13 adapters. Gauge reads 0-2,000 PSI and 0-140 BAR.

SG-34650



Fuel Injection Pressure Test Kit

(0-100psi) includes adapter for domestic vehicles equipped with test ports on the fuel rail.

MV-5515



Digital Compression Test Kit

Comprehensive gas engine compression test kit features an electronic tester that memorizes the peak compression value for each cylinder.

MV-5532



12mm & 16mm Compression Test Adapter for Ford Triton Engines

- Use 16mm-1.50 male on 3 valve Triton engines 2004 - 2008 5.4L Ford F-150 and 2005 4.6L Ford Mustang.
- 12mm-1.25 male for use beginning with 2009 Triton 4.6L, 5.4L and 6.8L engines.

SG-34020



HD Turbo Air System Test Kit

With Smoke Adapter. Includes 4 pairs of stepped adapters that fit most turbo systems on light trucks and class 7 & 8 semis.

LIS-69930



VW/AUDI Fuel Injector Service Kit

For direct injection FSI SYSTEMS. Installs/removes high pressure injectors and installs combustion chamber seal.

Mini slide-hammer included

CTA-8877



Deep Well Test Adapter

Designed for compression testing gasoline engines with deep spark plug wells. Adapter extends 8" beyond the installation surface and services both 14mm and 18mm threads.

MV-MVA5511



Automatic Transmission and Engine Oil Pressure Tester

With 2 Gauges in molded plastic case. Adapters provide coverage of most domestic and imported cars and light trucks.

SG-34580



IPR Socket for Ford 6.0L and International Diesel

Used to remove and replace the injector pressure regulator (IPR) on Ford 6.0L, International and other diesel engines.

LIS-68210

ENGINE TOOLS - MECHANICAL



NOx & Soot Sensor Socket Set

Designed for easy access on NOx and soot sensors. Includes 24mm & 30mm offset sockets with 1/2" drive. Works on 2014-current RAM 3.0L EcoDiesel V6 engines found in Jeep Grand Cherokee and Dodge RAM 1500 trucks.

LIS-12290

Oxygen Sensor Socket

7/8" opening - 3/8" Dr.

LIS-12100



Oxygen Sensor Thread Chaser

18mm x 1.5 size can also be used to clean same sized spark plug threads.

LIS-12230



Dual Drive Oxygen Sensor Wrench

Use with a breaker bar to loosen stubborn O2 sensors

LIS-12390



7 Piece Sensor & Sending Unit Socket Set.

AST-7801



VOLVO Cam/Crank Alignment Kit

For S40, S70, S90, 850 and 960 series vehicles. Used to align the cam and crankshafts thus allowing correct installation of camshafts with the cam cover.

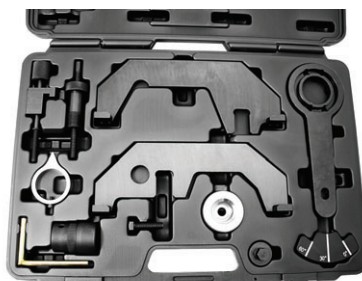
CTA-2863



BMW Fan Clutch Wrench

Set for 323 i, 325 i, 328 i and 330 i, can also be used on some VW and Audi A6 vehicles. One wrench removes lock nuts on the thermo-viscous fan, the other holds water pump pulley while loosening the radiator fan.

CTA-A886L



BMW Timing Tool Kit

To align and lock camshaft in TDC position when adjusting or checking timing or replacing camshaft or timing chain on N62, N62 TU and N73 engines

CTA-2888



BMW Flywheel Mount - T60

15 1/2" long, with proper clearance to service dual mass flywheel mount bolts found on E39 V8 4.0 and 4.4L with manual transmissions.

CTA-3759



7 Piece Sensor Socket Set in plastic storage case. Includes sockets for pressure/vacuum switch, oil pressure sending unit, oxygen sensor, etc.

OTC-4673



Piston Ring Compressor Set

Plier plus 6 sizes of bands gives a range of 2 7/8" to 4 3/8".

PER-W89410



Ford/Lincoln Camshaft Alignment Tool

Ensures camshaft is in proper position during service, adapter plate is held in position with thumb screw works on 2.0, 2.3 and 3.5

Ecoboost, 2.0 Duratec and GDI engines

OTC-6671



Valve Spring Compressor

For Ford/Lincoln vehicles with 4.0L SOHC & 4.6L 2V engines (1998-2011)

OTC-6674



4 Pcs. VW/Audi Ignition Coil Puller Kit

For 2003+ 4.6 and 8 cylinder engines

CTA-7990

ENGINE TOOLS - MECHANICAL

GW GEARWRENCH®



Serpentine Belt Tool Set

Now with locking flex head ratchet wrench and 2 additional sockets.

GW-89000



16 Piece Serpentine Belt Service Tool Kit

Equipped with 2 extensions that bolt on to main wrench handle for hard to reach areas

PER-W89716



Ratcheting Serpentine Belt Tool

With freewheel position thus allowing max leverage. Includes 3/8" & 1/2" square drive sizes & 13-16mm, 18mm, 19mm hex sockets

LIS-59000



VW/AUDI-Timing Belt Wrench Set

6Pc set for locking pumps, cams and pulleys during belt adjusting or tensioning

CTA-2765



VW / AUDI-Camshaft Drive Belt, Pulley Puller Kit

Essential tools when replacing timing belts on 5 and 6 spoke gears found on 4 and 6 cylinder TDI, plus V6 and V8 engines. Low profile design provides accessibility and accuracy.

CTA-2762



Adjustable Timing Belt Tensioner – VW / AUDI

4 cylinder engines up to 2.0L, tool allows the tensions to be applied directly to the idler roller even with limited access. Pins on the tool engage the offset centre hub of the timing belt tensioner pulley, allowing a wrench to be placed on the pulley lock nut.

CTA-2760



3 PC. VW / AUDI Head Bolt Wrench Set

1/2" Drive. Sizes : 10mm and 12mm in 12 points plus #9 RIBE /POLI-Drive.

CTA-9255



SUNEX™ TOOLS

Head Bolt Sockets for Japanese Cars

1/2" Drive
12 Point
4 1/2" Long

- 10mm 12 point for Honda **SX-210MZB**
- 12mm 12 point for Nissan **SX-212MZB**
- 14mm 12 point for Toyota **SX-214MZB**



VW and Audi Head Bolt Socket

1/2" Drive, 10mm, 6 point

VIM-V3452



Broken Spark Plug Remover for Ford Triton 3 valve. Set includes a unique porcelain pusher tool.

LIS-65600



GM Timing Tool Kit

For 2011 and up 1.4L ecotec engines

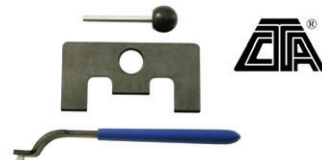
CTA-1046



Chevy Camshaft Locking Tool Kit

For 16v – 1.6 and 1.8L Engines.

CTA-4161



VW TDI Timing Belt Tool Kit for 1999 and up ALH Code Engines

Found in Golf, Jetta and Beetle

CTA-2775

GW GEARWRENCH®



5 Pc Magnetic Swivel Spark Plug

Socket set adds a 9/16" x 6" long swivel and a fixed 9/16" x 2 1/2" long to the above set.

GW-80601

TITAN



Honda/Acura Crankshaft Pulley

Extra deep 3/4" socket quickly unlocks truck air brakes. Also removes air brake booster for replacement. Use with 1/2" drive or 7/8" hex. Inside length is 4-1/2".

TTN-51700

ENGINE TOOLS - MECHANICAL



14MM Flex 12 Point Spark Plug Socket - 3/8" Drive
LIS-63080



Toyota/Lexus Harmonic Damper Pulley Holding Tool

Tool used to hold crankshaft while tightening the crank bolt on 3.0, 3.3 V6 and 4.7 V8 engines.
CTA-2237



Flex 1/4" Drive, Glow Plug Sockets For Most Diesel Powered Passenger Vehicles
Contains: 8, 9, 10, 12 AND 14 MM sizes
NCC-50800



Transmission Dipstick
For Chrysler Crossfire and 2003 to current Dodge Sprinter vans.
OTC-7445



Transmission Dipstick for Chrysler, Dodge, Jeep and VW
With NAGI, 42 RLE, CV transmissions and 62 TE transaxle.
(Dipsticks were not installed by the vehicle manufacturers.)
OTC-7446



5 Pc Triangle Bolt Socket Set
Fits fittings found on VW/Audi tdi engines, Bosch injectors, injection pumps etc. 1/2" drive on socket rail
CTA-1088



14MM x 12PT Spark Plug Socket
For BMW 3.5L engines as well as newer Subaru, Ford 4.6 and 5.4L V8'S. Thin wall socket in 3/8" drive, 2 1/2" overall length.
CTA-2376



Universal Fan Clutch Wrench Set
Unique hooked design will hold bolted on water pump pulleys. Double-side spanner works on many GM, Jeep and Dodge applications. Double-ended turning wrench built for 36mm and 47/48mm applications.
LIS-43600



Pneumatic Operated Fan Clutch Wrench Set (requires zip gun).
7 Sizes- 7/8", 1 7/8", 2", 32, 36, 40, 47 mm.
LIS-43300



Telescoping Hood Prop for cars and trucks. Extends from 18 1/2" to 46 3/4".
LIS-45900



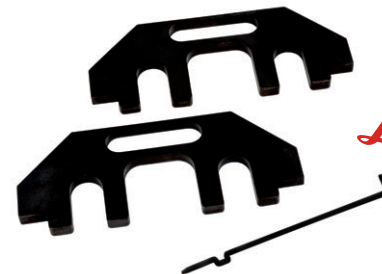
HD Thermostat Seal Installer
For most CAT, Cummins and Detroit Diesel engines (class 7 and 8 trucks)
LIS-35650



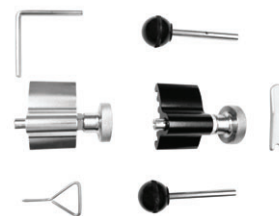
13 Pc., Master Ford Timing Kit
Ford 1990+ 1.4L, 1.5L, 1.6L, 2.0L, 2.3L & 2.5L - EcoBoost, Duratec (Flex Fuel) & GTDI engines.
CTA-2221



Ford - 2.0, 2.3 and 2.5L, 4V Cam Tool Set
Includes alignment bar and pins.
OTC-6486 A



Ford Timing Chain Service Tool
With Tensioner For 2007-2016 Non-Turbo 3.5L And 2009 and Newer 3.7L Engines
LIS-37200



VW and Audi Timing Tool Kit
For VAG 2.0L TDI PO DOHC engines on A4, A6, Jetta, Golf, etc.
CTA-2777



VW and Audi 2.0L Turbo Timing Kit (2009 and up vehicles)
CTA-2889



5 PC Budd Wheel Socket Set

Contains 33MM, 35MM, 38MM, 41MM and 1 1/2" sizes in 1" drive.

PER-W89315



6 Pc Spindle Nut Socket Set

For various 2 and 4 wheel drive light truck applications.

PER-W89319



9 Pin Axle Hub Nut Socket

For GM 2011 vehicles with 11 1/2" rear axles, 1/2" drive.

PER-W83006



Carrying case included.

5 Piece Front End Service Set

For removal of most types of pitman arms, tie rods and ball joints found on cars and light trucks.

PER-W89303



GM ECOTEC water pump sprocket holder.

LIS-13800

GM Axle Nut Socket

For 2003 and up Chevy Topkick/Kodiak etc. 1 1/8" size.

OTC-7217



Super Duty Pitman Arm Puller

For 2005 and up F250-F350 Fords. Allows Pitman Arm Removal from steering gear while gear is still in. The vehicle (3-1/4" Max. Jaw spread)

OTC-6497

Locknut socket for Ford F-250 to F450

super duty Pickups with 10 1/2" rear axles made in 2003 to current

OTC-6601



Ford Transit Rear Hub Nut Socket for 2014 and up vehicles.

CTA-1083



Conical Style Pitman Arm Puller

is designed for strength and stability that is required to pull stubborn Pitman Arms on larger domestic cars and light trucks.

OTC-8150



GM Torsion Bar Unloader

For 2011 and newer full size GM Pickups. Required for serving torsion arm and front suspension.

AST-78823



Tie Rod Wrench

For adjusting tie rods size 10mm-18mm on vehicles with rack and pinion steering

KAS-615



5 PC Front End Service Set with Case.

OTC-6295

All items in above set are available separately.

1. Tie Rod Remover/Pitman Arm Puller. **OTC-6296**
2. Tie Rod Remover/Ball Joint Separator. **OTC-7503**
3. Pitman Arm Puller. **OTC-7314A**
4. Ball Joint Separator. **OTC-6297**
5. Tie Rod Remover. **OTC-7315A**



Axle Hub Bridge Nut Socket for GM

Removes and installs the hub bearing retaining nut found on 2 and 4 wheel drive Cheyenne, Silverado, Escalade, Sierra and Avalanche trucks.

LIS-31550



UNDER CAR



SPECIALTY TOOLS Ford Axle Shaft Seal Installers



- Works on 1998-2004 Ford F250, F350, F450 and F550 4X4's having the vacuum-operated front axle.

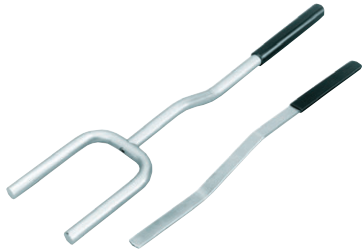
OTC-6695

- Works on 2005-newer Ford F-250, F-350, 4X4's having the vacuum-operated front axle.

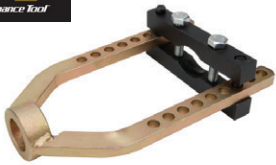
OTC-6697

- Works on 2005-newer Ford F-450, F-550, 4X4's having the vacuum-operated front axle.

OTC-6698



2 PC Truck Clutch Adjustment Set OTC-5035



CV Joint Removal Tool

Used for quick separation of CV joint from the axle without removing the drive shaft.

PER-W83028

Adjustable Bearing Race and Seal Driver

Body made of sturdy aluminium construction, and equipped with a steel capped striker shaft handle
Range: .708" to 3.543"
CAL-506



Wheel Bearing & Hub Master Kit

- Master kit services rear wheel hub & bearing on German vehicles, plus front wheel hub & bearing on US, Asian & German vehicles.
- Includes all necessary adapter shoes, installer adapters, adapter sleeves, support disc, spacers, etc.
- Packed in a blow mold case

CTA-8650M



Blind Hole Bearing Puller Set with 4 collets, 7/16" to 1 1/4", plus a 2 1/2 lbs slide hammer.

OTC-4581



Water Pump Pulley Remover

Installer for FORD 2.5 and 3.0L Duratec engines

OTC-7483A



Master Pneumatic Bearing Race and Seal Driver Set

- 11 drivers to fit cars and trucks up to 1 ton
- Includes 2 handles, one for hammering and one for use with air hammer

LIS-12800



Universal Outside Thread Chaser with SAE Die Set. OTC-7402



Master Front Wheel Drive Bearing Adapter Kit

Replace wheel bearings without the need for alignment after by keeping the strut assembly and steering knuckle in place during service.

AST-78825



Hub Clamp Expander

Allows easy removal/installation of struts and ball joints. Works on hubs with and without centralized slot

PBT-70970



Ball Joint Press Separator

Separates lower control Arm ball joint from the steering knuckle on a variety of Ford/Lincoln vehicles

OTC-6655



5 Piece, Tie Rod and Pitman Arm Adjusting Wrenches - 1/2" drive AST-7802



8 Pcs TAP Socket Set

Ideal for use in areas where T-Handles will not fit.

LIS-70500



Larger Size Add-On Tap Sockets

5/8", 11/16", 3/4".

LIS-70940

Updated!



Large Inner Tie Rod Tool

Works on inner tie rods with inaccessible wrench flats on many trucks and SUVs. Includes 1-7/16", 33.6mm, 38.4mm, 40mm crow foot for GM and 42mm, to fit many Toyota, Nissan, Ford, Lincoln, Mercury and Chevrolet truck and SUV applications. Also fits some Cadillac Escalade, Hummer H2, Honda Passport and Jeep Liberty applications.

LIS-54500



Inner Tie Rod Tool

- Use to easily turn inner tie rod ends that are smooth or have flats.

- Use on inner tie rods with a 1-3/16" and 1-5/16" hex

PER-W83027



UPDATED Master Inner Tie Rod Tool Set

Now with longer main socket and addition of 38.4mm, 40mm and 42mm crows feet.

LIS-58100



Very Popular Inner Tie Rod Tool

Now supplied with an additional crow foot, 1 1/2" size for Chev. Colorado, GMC Canyon, etc. Allows the removal & installation of the inner tie rod without removing rack.

LIS-45750



Chain Breaker Kit

To break, press and rivet most #25 - #35 and #428 - #630 standard and O-Ring roller chains.

PER-W89100



13.4" Chain Drive Extension

Enables easier works in confined spaces such as water pump, power steering, generator, A/C compressor, transmissions and starter fasteners. Provided with square drive adapters in 1/4" and 3/8". Chain driven mechanism. Max torque: 53 ft lbs

NCC-81240



Tie Rod End Pliers

Steel C-clamp locking pliers provide a quick temporary steering repair for vehicles with outer tie rod end ball and socket separation

STK-71465



- **Ball Joint Separator** is 16" long with 15/16" fork spread.

OTC-6535

- **Pitman Arm Wedge** has a length of 11" & 1-1/8" fork spread.

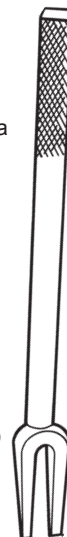
OTC-6531

- **Separator Tool** for shock absorber links & tie rods is 16" long and has a 11/16" fork spread.

OTC-6534

- **Separator Tool** acts as a tie rod separator on medium & HD trucks as well as a Pitman arm wedge for light trucks. 11" lng with fork spread of 1-7/16".

OTC-6533



5 Piece Separator Set



For use on most types of tie rods, ball joints and pitman arms.

PER-W89310



5 Piece Pickle Fork Ball Joint Separator Set

- Open Size - 11/16", 15/16", 1-1/6", 1-7/16", 1-5/8"

- Depth - 2-3/4", 3", 2-7/8", 2-3/8" and 3-1/8"

AST-78807

UNDER CAR



7 pc Stepped Fork Set

Includes 11/16", 15/16", 1 1/8", 1 7/16" and 1 5/8" plus air hammer use and manual drivers.

Packed in blow molded case.

SX-9834



Master-Ball Joint Service Kit

for most domestic vehicles press-fit ball joints.

AST-7897



Ball Joint Service Tool with

4 Wheel Drive Adapters.

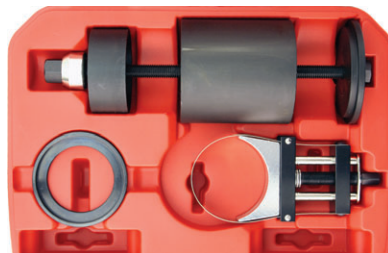
AST-7865

Master Ball Joint Adapter Set.



Works on most GM Ford and Dodge 2WD and 4WD pick-ups, vans and SUV's through 1997. Also includes live center forcing screw plug.

AST-7868



BMW Swing Arm Sleeve Tool Kit

To service 2005 and up 330 Xi, E90, E91 and E92 3-Series vehicles. Eliminates need to remove the swing arm when removing or replacing bushings, aluminum adapter. Prevents damage to sleeves.

CTA-4080



Small U-Joint Puller

For 1" - 1.25" bearing cups found on passenger vehicles and light duty trucks and agricultural equipment (smaller than tiger 10102 - 10104)

LIS-42890



Economically Priced "The Strutter 2" MacPherson Strut Coil Spring Tool

SG-63000



Honda/Acura Front Lower Control Arm Hydro-Bushing Remover/Replacer (larger sizes)

Found on '09 and up Civics and '08 to '12 Accords, Honda Odyssey '05 to 2010 plus Acura TL '04 - '08

NCC-11012



Mercedes-Benz Rear Axle Bushing Remover/Installer of Metallic

bushings, features a pressure piece that provides correct positioning of replacement bushing

CTA-8690



Charged Air Cooler Tester

For locating air leaks in systems used on class 7 and 8 truck engines. Has a 0-60psi pressure gauge, regulator & relief valve and two safety cables.

OTC-5039



3 Piece Rear Axle Bearing Adapter Set

Used with your slide hammer to service most domestic cars.

OTC-7494A



Ball Joint Service Tool Set can press in or out most sizes of press-fit ball joints.

OTC-7249

UNDER CAR

9CIRCLE



Universal Adjustable Pulley Holding Kit

Wrench has a range of 25-100mm wide. Includes 7, 10, 14 and 16 mm step pins
NCC-42121

Lisle



DEF Disconnect Set

For 2012 and newer Ford Power Stroke and Dodge Diesel Engines.

LIS-37450

Lisle



Ford Transmission Oil Cooler Line Disconnect Set

3/8" For 2003 and later Ford V8 Explorer, 2004 and later Ford F150 and Cadillac CS. 1/2" for Ford Super Duty Trucks, F250, F350 and F450.
LIS-39960

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



Steering Wheel Holder and Pedal Depressor

Holds steering wheel, brake, accelerator or clutch pedal in desired position. Eliminates need for 2nd tech to do one job.

SG-66400

Lisle

Mechanic's Stethoscope

Quickly pinpoints the source of noises in engines, transmissions, differentials and bearings.

LIS-52500



Lisle

Stethoscope Kit

Dual purpose set detects both mechanical and air induced sounds.

LIS-52750



Lisle

6.6L Duramax

Flywheel Locking Tool Kit

For engines that have Allison automatic transmissions. Lets you lock the flywheel at the transmission instead of removing the starter for water pump replacement.

LIS-22100



Transmission Oil Cooler Disconnect for Ford

For 3/8" and 1/2 size, aluminum construction
LIS-39220



Harmonic Balancer Installer Kit With 13 Adapters.

installs balancers or drive pulleys that are pressed on the crankshaft. includes 5 long adapters for use on Dodge HEMI, Ford 3.5 and 4.0 liters engines etc.

LIS-53790

PT
Performance Tool



Harmonic Balancer Service Kit

Automotive and light truck applications.

PER-W89711

Ratchet Master



4 Piece Quick Release Pliers Set

Removes push lock fitting connections. Includes small vertical and small angle 1/8" to 3/8" and large vertical and angle 3/8" to 3/4".

RAM-QRP4S

Lisle



Harmonic Damper Pulley Puller

Popular Lisle 49500 now improved with an additional rod that expand GM coverage, plus jaws are held in place with a clevis pin
LIS-51450



Solid Rubber Wheel Chock

- All weather construction, rubber traction pad
 - Oil resistant non-slip surface
 - Wheel contact area: 7 1/2" x 3 28/32"
 - Chock height: 5 7/8"
 - Weighs 4 lbs
- PER-W41001**

TIGER TOOL

Severe Heavy Duty U-Joint Service Kit



**3 Piece Kit For Dana/Spicer
SPL 350 and Meritor RPL 35
Series Drivelines**

TGT-20160

Bearing Cup Installer

TGT-10218

This tool utilizes predetermined "Installed Heights" for correct bearing cup installation.

**Brake
Clevis Pin
Press**

TGT-10501



Ken-Tool®



Guide Pin / Pin Boot Service Tool Kit

Bendix # K029107

KT-80002



ADB22X

Air Disc Brake Tool Kits

These kits provide specialized tools for the replacement of Bendix® air disc brake tappet and boot assemblies, tappet inner seals, and guide pins and boots.

No. 80000 ADB22X Complete Kit (Bendix # K029164)

Includes both sets shown at left.

KT-80000



Tappet & Boot Replacement Tool Kit

Bendix # K028829

KT-80001

TIGER TOOL

Heavy Duty



Hydraulic Wheel Stud Service Kit

Remove or install seized wheel studs on most disc and drum applications.

Requires hydraulic pump.

TGT-10616

TIGER TOOL

Heavy Duty



H.D. Universal Hub Puller

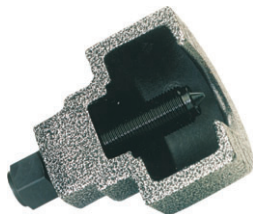
Removes seized hubs including Conmet Preset, Dana-Spicer LMS and Meritor unitized. Optional adapters required.

Supplied with 2 x 22mm stud adapters.

TGT-10903

TRUCK & TRAILER SERVICE

TIGER TOOL HEAVY DUTY



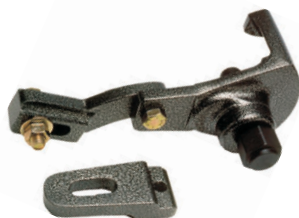
Manual-Type Slack Adjuster Puller fits virtually all manual slack adjusters.
TGT-10406



Slack Adjuster Puller for Rockwell self-adjusting units.
TGT-10407



Slack Adjuster Puller for Gunite, Brunner and Bendix self adjusting units.
TGT-10409



Multi-Adjustable Slack Adjuster Puller for Haldex units. Accommodates left offset, right offset and standard elongated arm designs from either side.
TGT-10410



Wheel Stud Service Kit
Complete with 10 Ton Ram. For use with any 10,000 PSI hydraulic power source (pump).
TGT-10608



3 Piece Tie Rod End Remover Set
3/4", 7/8" & 20mm Services intermediate, heavy duty and European trucks.
TGT-10310



Brake Anchor Pin Press
For 16 1/2" S-Cam trailer & tractor "Q" brake systems.
TGT-16002



"Sheppard M110" Gearbox Pitman Arm Remover
Can be used with 3/4" impact guns.
TGT-10389



Heavy Duty Truck Pitman Arm Puller
Can be used with 3/4" impact guns. For "Sheppard M100" style pitman arms.
TGT-10385



Axle Shaft Puller

For HD and medium duty, Eaton and Rockwell drive axles. Comes with most common 5/8" x 18 adapters. (Other sized adapters optional.)
TGT-11001



Heavy Duty King Pin Press

- Handles 7/8" to 2-5/32" size straight and tapered king pins
- At only 30 lbs. in weight, unit generates 46,000 lbs of force with a single 1 1/4" forcing screw to **remove pins in minutes with relative ease by one technician**
- Features anti-torque arms to prevent twisting of main body while applying extreme force via an impact gun
- Unit is supplied with 3 tie rod end removers and a handy organizing case.
TGT-90150

The Must Have Tools When Servicing Heavy Duty Trucks!



H.D. Universal Joint Puller used with 1" dr. impact gun. Fits virtually all class 7 & 8 H.D. truck & machinery drive lines, without damaging bearing cups, yokes, joints, etc.
TGT-10102



Yoke Puller for H.D. truck application with carrying case. Works on full and half round yokes found on Spicer, Spicer & Meritor and Meritor (Rockwell). Use with 1/2" impact wrench.
TGT-10803

HOSE CLAMP & TIRE SERVICE

Astro



7 Piece Hose Clamp Plier Set in carrying case.

AST-9406



Clic & Clic-R Clamp pliers

Double-sided tool to remove and install clamps without damage, so they can be re-used.

LIS-55230

Cal-Van TOOLS



Hose Clamp Pliers

- Special tip designed to grip almost any hose clamp from any direction
- 11" overall length

CAL-59



Lisle

Long Reach Hose Clamp Pliers

Overall length of 17" provides extra long reach. Cross-cut tip design grips most hose clamps from multiple angles. Ratcheting lock mechanism holds the clamp in an open position for hands-free use. Dual material grips for comfort.

LIS-17000



Lisle

35° Bend, Long Reach Hose Clamp Plier

LIS-17370

9CIRCLE



Hose Removal Pliers

With jaw for 3/16", 1/4" and 3/8" tubes and lines. Special locking design enhances secure gripping for ease of disconnect.

NCC-41171

Astro

Hose Clamp Plier

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



AST-9409A



0-160PSI Dual head chuck Truck tire gauge, reads 2lbs. increments.

MIL-S-976



Straight Foot Dual Head Chuck for inner style duals, 10-160PSI in 2 lbs. increments, 13" long.

MIL-S-986



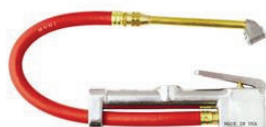
Dual Head Straight Foot Truck Gauge.

MIL-S-929



Inflator Gauge with dual head straight foot chuck.

MIL-S-516



Window Inflator Gauge with dual head chuck (full swivel). 15" hose.

MIL-S-506

MILTON



Passenger Car Tire Gauge

5-50psi in 1lb increments.

MIL-S-921



Dual Chuck Truck Tire Gauge

20-120 PSI in 2 lbs. increments.

MIL-S-927



Dual Head - Straight foot air chuck, 1/4" female NPT.

Max 150PSI **MIL-S-693**



Dual Head Air Chuck

1/4" NPT, Max 150 PSI.

MIL-S-690

Dial Type Tire Gauges

0-160 PSI
5 lb increments

MIL-S-936

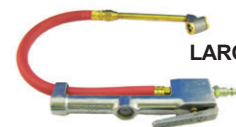


0-60 PSI
2 lb increments

MIL-S-932



- Internal diaphragm construction for greater durability
- 45 Degree chuck
- Deflator valve
- S-936 has a 12" hose
- Dial reads in PSI & kPa
- Durable rubber boot



LARGE BORE CHUCK

Heavy Duty Inflator with Dual Foot Large Bore Chuck

-10 to 160 PSI -15" hose

MIL-08-A1-506

EXTENDED REACH



Dual-Head Air Chuck, 12 1/4" long.

Max pressure: 150 PSI, 1/4" F. NPT.

MIL-S-690-12



Dual-Head Straight Foot Air Chuck, 12 3/4" long. Max pressure: 150 PSI, 1/4"

Female NPT. **MIL-S-693-12**

HOSE CLAMP & TIRE SERVICE

9CIRCLE



Multi-Directional Hose Clamp Pliers. Great for AUDI & VW fuel line, tank ventilation line clamps and for general rad hose clamps. Features intersected slots and 16 MM wide grip capacity.
NCC-71180

MILTON

Inflator Gauge with 15' hose.

For newer steel belted sidewall tires, keeps the technician out of harms way while inflating tires.

MIL-98-A1-501



MILTON



Valve Insertion Tool

Installation / removal of "snap in" type tubeless tire valves.

MIL-S-449



Valve Core Tool

For removal and insertion of valve cores. One end for larger bore valve cores and one end for standard valve cores.

• Overall length: 5" • Handle length: 3"
MIL-S-444

TITAN



20 Pc Hose Clamp Assortment

TTN-45207

Set includes:

- (4) 2"
- (4) 1"
- (2) 1-1/4"
- (2) 1-3/4"
- (2) 2-1/2"
- (2) 3"
- (2) 3-1/2"

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



Tire Inflator with Nylon Pop-Up Gauge 10 to 120 PSI reading, 12" hose with dual head chuck.
SG-65100

Tire Inflator with Window Gauge.

10-120 ft lbs
1/4" FNPT
SG-65120



Tire Inflator with Dial Gauge

6" Dual head chuck.
13" long hose with 360 swivel.
SG-65110



Truck Tire Inflator with Dial Gauge.

Extra long reach 14" dual head chuck.
SG-65130



Astro

3.5" Digital Tire Inflator 21" Hose

- Easy change chuck system
- Displays KGF, BAR, PSI, KPA
- Works on a nitrogen system

AST-3018



TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



Tire Tread Depth Gauge

- Use to detect unusual tire wear patterns
- Sliding gauge measures in inches and millimeters

SG-65140



Digital Tire Inflator

Back-lit blue LCD display with 0-150 psi range. Features built in bleed button to lower pressure

PER-M525



Compact Tire Inflator

Plugs into 12V accessory outlet. 10' power cord, 18" hose length, large and easy to read pressure gauge.

PER-60399

Digital Tire Tread Depth Gauge

MIL-EX448DIG



Tire Tread Depth Gauge

MIL-S-448



Lisle



Valve Core Torque Tool

is set at 4 in/lbs. thus properly removes and installs valve cores eliminating leaks that can cause low tire pressure and possible TPMS alerts.

LIS-18810

OTC



Tire Valve Stem Punch Kit with 5" and 8" adapters for cars or trucks.

OTC-5747

Lisle



Tire Deflator Set for TPMS valve stems, for quick evacuation of air from tire without removing the valve core.

LIS-19860



Rust Hog Hub Cleaning Tool

Blasts away rust and debris in seconds! Eliminates risk of improper torque, balancing issues and wheels off. Compatible with all 1/2" Dr Impacts – air and electric.

KT-30167



Pack of 5 Rust Hog Replacement Pads

KT-30168



HD Universal Wheel Weight Hammer

For installing/removing clip-on style wheel weights on light and medium duty trucks. Ideal for 17", 19.5" and 22.5" diameter wheels.

KT-35359



Wheel Cover Puller/Replacer.

KT-31568



Wheel Weight Tool

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

LIS-68130



Clip-on Wheel Weight Wool

GW-3358



Double End Truck Wrenches

Use on trucks, buses, farm and off-road vehicles. Great for on-the-road service. 16" (41cm) long and forged from 1" alloy steel for long lasting strength.

- TR1 1-1/8" with 13/16" square x 1-1/2" **KT-32501**

- TR9 1-1/4" x 1-1/16" **KT-32509**



Tire Bead Seaters

One Piece Rubber Tube Construction

For Truck Applications

- For 22 1/2" to 24 1/2" rim sizes.

KT-31439



ValveCapper - 2 Tools in 1

Cap and core remover makes it easier to check the inside dual tire.

KT-29999



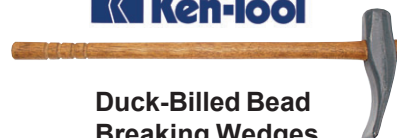
Tire Service Hammer Ergonomic Rubber Grip Indestructible Handles

- 5 Lbs head weight, 20" handle **OTC-5789ID-520**



3 Piece 1/2" Dr Bust-A-Bolt

- More than double the torque of a standard ratchet with no additional effort
- Kit includes a 10" long reversible ratchet with quick release, 11.5" long ratchet extension with adjustable handle and 10" long 105-degree L-handle. **KTA-A4103PR**



Duck-Billed Bead Breaking Wedges

KT-T11E (30" wood handle)

KT-35129 Wood replacement handle for KT-T11E.



KT-35429

Fiberglass handle for KT-35429
KT-35229



36" Tubeless Truck Tire Iron

With straight tip.

KT-34747



37" Tubeless Truck Tire Mount/ Demount Iron

For standard truck tires. (34645)

KT-T45A



Curved Tire Mount/Demount Spoons

- 24" Long for passenger cars and light trucks. (T20)

KT-32120

- 30" long for heavy trucks and tractors, buses, etc. (T20A)

KT-33220



24" Straight Tire Mount/ Demount Spoon

Mount or demount passenger car, motorcycle, ATV and light truck tires.

KT-32119



T23 Truck Lock Ring Remover

Designed to remove most truck lock rings. A must-have for anyone mounting and demounting multi-piece rims. Use in pairs.

KT-32123

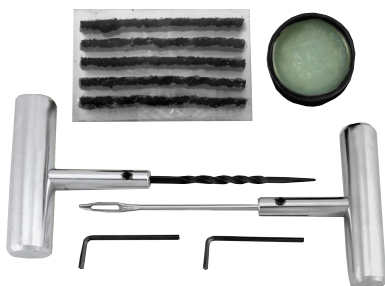


Truck Tire Inflator Kit

Use a truck's on-board air supply to inflate tires in remote situations

- 3/8" ID x 50ft Flexzilla air hose
- Glad-hand attachment
- 30° Dual air chuck

LG-HGH2FZ



45 Piece Tire Repair Kit

Set includes a heavy duty steel T-handle insert tool, heavy duty steel T-handle spiral probe reamer, 2 replacement tool 3mm Allen wrenches, lubricant and 40 pieces of 4" tire repair string (tire plug).

AST-7445



Wheel Arm

The Omega Wheel Arm is a revolutionary new way to reduce injury and fatigue while increasing shop efficiency. It attaches easily and unobtrusively to the vast majority of automotive post lifts available on the market today and helps to prevent the need for bending over repeatedly with heavy tires and rims while performing service on a vehicle. 2 pairs per set.

OM-92100

With FREE Magnetic Tool Trays



5 US Gallon Tire Bead Seater.

Inflator works on tires up to 24.5". Heavy duty ball valve on both air inlet and exhaust port.

PER-W10012



Plastic Tire/Tube Test Tank.

31" X 12" X 12"

LIS-19822



Straight Hose Clamp Plier for flat ear style clamps. Tips trap and hold clamp plus swivel for easy access.

GW-3976D



Hose Pinchers - Two per Set

Quick and easy way to pinch off vacuum lines, fuel lines, etc. without damaging the line.

LIS-22850



Air Tank, 11 U.S. Gallon Capacity

Operating pressure range: 85 - 125psi

PER-W10011



Stand-Alone TPMS Tool with Bluetooth OBD II

Combines sensor activation and diagnostic capability with a wireless OBD II module for TPMS sensor registration.

Unit allows for cloning of universal sensors, key FOB signal test. 3 years of software updates included.

OTC-3838

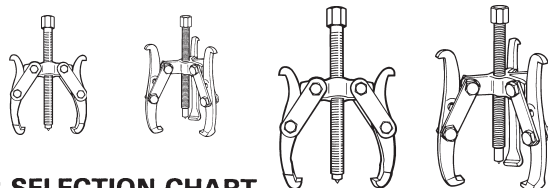


Detecto Mist Air Leak Locator

One quart.
KT-35805
\$15.95

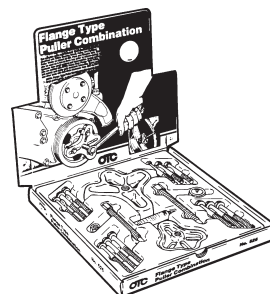


PULLERS

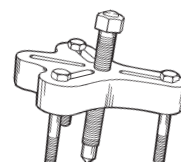


GEAR PULLER SELECTION CHART

MAX. Reach Spread		JAW Thickness Width		Capacity, Style and Weight	ORDER #
2 1/8"	3 1/4"	9/64"	1/4"	1-Ton, 2-Jaw, 5 oz.	OTC-1020
2 1/8"	3 1/4"	9/64"	1/4"	1-Ton, 3-Jaw, 8 oz.	OTC-1021
3 3/8"	4"	Upper 3/16" Lower 1/8"	Upper 1/4" Lower 1/2"	2-ton, 2-Jaw, 14 oz. (Reversible Jaws)	OTC-1022
3 3/8"	4 3/4"	Upper 3/16" Lower 1/8"	Upper 1/4" Lower 1/2"	2-ton, 2/3-Jaw, 1 lb., 5 oz. (Reversible Jaws)	OTC-1023
3 1/4"	6"	Upper 5/16" Lower 1/4"	Upper 3/8" Lower 3/4"	5-Ton, 2-Jaw, 1 lb., 12 oz. (Reversible Jaws)	OTC-1024
3 1/4"	7"	Upper 5/16" Lower 1/4"	Upper 3/8" Lower 3/4"	5-Ton, 2/3-Jaw, 2 lbs., 12 oz. (Reversible Jaws)	OTC-1026
5 1/2"	6"	Upper 5/16" Lower 1/4"	Upper 3/8" Lower 3/4"	5-Ton, Long 2-Jaw, 2 lbs. (Reversible Jaws)	OTC-1025
5 1/2"	7"	Upper 5/16" Lower 1/4"	Upper 3/8" Lower 3/4"	5-Ton, Long 2/3-Jaw, 3 lbs., 10 oz. (Rev. Jaws)	OTC-1027
5"	9"	Upper 5/16" Lower 11/32"	Upper 1" Lower 1"	7-Ton, 2-Jaw, 4 lbs., 8 oz. (Reversible Jaws)	OTC-1035
5"	10 1/2"	Upper 5/16" Lower 11/32"	Upper 1" Lower 1"	7-Ton, 2/3-Jaw, 6 lbs., 2 oz. (Rev. Jaws)	OTC-1037
8 3/4"	9 1/2"	11/32"	1"	7-Ton, Long 2-Jaw, 5 lbs., 6 oz.	OTC-1036
8 3/4"	11"	11/32"	1"	7-Ton, Long 2/3-Jaw, 8 lbs., 2 oz.	OTC-1038
11"	12 1/2"	9/16"	1"	13-Ton, 2-Jaw, 10 lbs., 13 oz.	OTC-1039
11"	14"	9/16"	1"	13-Ton, 2/3-Jaw, 16 lbs., 4 oz.	OTC-1041



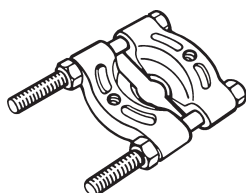
Kit consists of Flange Type Puller & Smaller Puller for steering wheel, pulley and flywheel applications.
OTC-525



Flange Type Puller for harmonic balancers, timing gears & many other applications.
OTC-518



Large Gear and Pulley Puller
The puller will spread from 2" to 7-3/4".
OTC-522



Bearing Pulling Attachments

- 2" spread **OTC-1122**
- 4-5/8" spread **OTC-1123**
- 5-3/4" spread **OTC-1124**
- 8-5/8" spread **OTC-1130**



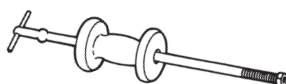
Harmonic Balancer Puller

designed for removing damper pulleys in tight engine compartments without removing the radiator.

OTC-6669



Front Hub Puller



5 pound Slide Hammer Puller
OTC-1155

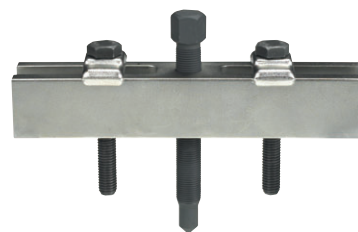
10 pound Slide Hammer Puller
OTC-7703

OTC-7208A

Heavy-Duty Gear Puller

Will remove gears 2" to 7-1/4" in diameter, including most cam gears. Rated at 8 tons, this puller is stout enough for almost any H.D. application, M12x1.75" threaded bolts.

OTC-6614



Push Pullers

- 8" reach **OTC-927**
- 11" reach **OTC-938**



Nine Way Slide Hammer (5 lb.) Puller Set Comes with case.
OTC-4579

WHEEL TIRE & UNDERCAR

9CIRCLE

**Threaded Wheel Hangers
Used when Performing Disc
Brake and Tire Service (2 Pcs)**



12MM X 1.5MM

Covers most German Vehicles along with Mini and some Volvos.

NCC-96053



14MM X 1.5MM

For larger diameter wheel holes found on GM, Ford, Chrysler & some foreign brands

NCC-96054



14MM X 1.25MM

Used for a wide range of BMW and Mini cars and SUV'S

NCC-96055

**Mercedes
Benz
Wheel
Service Set**



For 2007 and up CL, GLK, ML & S-series vehicles. Includes 14mm x 1.5mm wheel hanger and 17mm, 6 sided wheel nut socket.

NCC-91331



**CV Joint
Rethreading Kit**

Includes 20mm x 1.25, 20mm x 1.50, 22mm x 1.0, 22mm x 1.50, 24mm x 1.5, 24mm x 2.0, 3/4"NF and 13/16" NF

NCC-91300



STORM
The Value Line From

Digital Tire Tread Depth Gauge

- Sufficient range to measure large application tires • Wide base for stability
- Hold button for reading in difficult to use areas
- Fractional reading down to 64ths of an inch

STO-3S402



Nut Buddy Wheel Nut Remover

- Loosens the most stubborn wheel nuts
- Use on commercial or agricultural wheels
- Gear ratio: 58:1
- Rated output torque: 2,950 ft-lbs
- (2) sockets include: 1-1/2" (38mm) and 1-5/16" (33mm)

AME-67300

OTC



Universal Hub Puller HD with Plate

Takes care of frozen hubs, Axle Shafts and other Tough pulling Applications, 1" DR

OTC-6574



Bolt Circle Gauge

Measures #4, 5, 6 & 8 bolt patterns on wheels and hubs, in inches & mm.

OTC-5759



Wheel Stud Pilot Pin Set

Includes pairs with 12mm x 1.25, 12mm x 1.5, 14mm x 1.25 & 14mm x 1.5 threads.

LIS-14150

Lisle

OTC

**Easy Lever
Wheel Dollies**



Capable of toting 300 lbs.

A - For 24" to 36" diameter tires.

OTC-5095A

B - For H.D. tires 36-48" diameter.

OTC-5096A

Tweel Handler

Truck Single Tire-and-Wheel Assembly Handler.

Built-in ratcheting jack with 14" of vertical travel. U-shaped chassis allows unhindered access.

CHT-TW20000

OSOL
WHEELHANDLERS



TITAN

**180°
Tubing
Bender**



180° Tubing Bender

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

TTN-11489

Lisle



New Wheel Stud Installer can be used with ratchet or impact gun to pull the new stud securely in place.

Available For:

Most automotive & light duty truck wheel studs.

LIS-22800

Most truck wheel studs to 22mm (7/8").

LIS-28950

Note: Worn out bearing is not warranted.



46MM Front Wheel Bearing Retaining Nut Socket

For BMW E24, E28, E32 and E34
Also fits Audi and VW type 2 rear axle shaft nuts. 1/2" Drive.

CTA-A433



Truck Wheel Bearing Locknut

Sockets are made of high-strength steel. 3/4" Dr. Not for use on impact guns.

2-1/4"	6 pt	OTC-1920
*2-3/8"	6 pt	OTC-1936
2-1/2"	6 pt	OTC-1921
2-9/16"	6 pt	OTC-1904
*2-9/16"	6 pt	OTC-1928
2-5/8"	6 pt	OTC-1922
2-3/4"	6 pt	OTC-1923
2-7/8"	6 pt	OTC-1932
3-1/4"	6 pt	OTC-1908
3-1/4"	8 pt	OTC-1909
3-1/2"	6 pt	OTC-1910
3-3/4"	8 pt	OTC-1925
3-13/16"	8 pt	OTC-1927
3-7/8"	8 pt	OTC-1913
4"	6 pt	OTC-1914
4-1/8"	6 pt	OTC-1915

* rounded corners



Tubular Spanner Wrench

For GMC 5200/7200 lb axles. 2 5/8" OD, 3/4" Dr.

OTC-1929



CV Boot Clamp Pliers for ear-type clamps.
LIS-30800



Offset Clamp Pliers

- Crimps ear-type in hard-to-reach areas
- Pliers work from the side, head is turned 90° unlike traditional tools that work from the end

LIS-30600



Dual Wheel Separator Kit

Makes removing stuck or frozen dual steel wheels quick and easy. Ideal for use on nearly any truck, bus, van or trailer that has dual steel wheels.

- Innovative "one-piece" pusher won't fall apart during use
- Pusher is ball bearing-driven for near-zero turning resistance
- Includes 2 pullers to cover large truck, trailer and smaller light truck dual wheel applications.

KT-34549



Slide Hammer Puller Set

With flat and recessed hub pullers.

PER-W89725



Universal Hub Shocker Wheel Bearing Hub Removal Tool

- Safely remove all frozen hubs instantly
- Universal fit mounts to all axle bolted hubs - 5, 6, & 8 lug hubs
- Ideal for Dodge and other HD trucks
- Use with 5 lb. hammer

LTI-830A



VibroShock Impact Tool Kit

Removes frozen or rusted screws, nuts, bolts or plugs without damage, 8mm - 14mm sockets included.

CTA-1000



Dual/Single Wheel Separator

Outer drive hook has two grooves for 16" - 17" wheels and 19.5" to 24.5" wheels.

OTC-5693



Deluxe Hubcap and Wheel Lock Removal Kit

Now includes the LT-4200A Dual Sided Twist Socket Lugnut Remover
LTI-4000



Lug Nut Ripper II

Doesn't drill out whole lug nut, just the threads, allowing easy replacement of lug nut/stud with threads now removed
LTI-1350



EZ RED
The Leader in Specialty Tools



Laser Alignment Tool Kit for Truck Trailer Axles and Wheels

Simple 2 step instructions for fast and precise axle and wheel alignment. Includes:

- 4 magnetic self-centering lasers
- 32"/10m measuring tape
- 2 magnetic 5th wheel pin-adapters
- Durable storage/travel case

EZ-EZLINE

Audi/VW 5 Series Wheel Lock Kit



A 20 pieces factory duplicate master wheel lock key set for the removal of 2006-present Audi factory wheel lug nut locks. Identical to factory set – uses same factory part numbers. Can not be used with impact gun.

AFL-AUDIVW5



Works on
Mushroomed
or Damaged
Hex Nuts!

2 Piece 1/2" Drive Double end damaged wheel lock & lug nut removal twist socket set.

3/4" (19mm) & 13/16" (21mm)
7/8" (22mm) & 15/16" (24mm)

AST-7402

TURBOSOCKET

Made in U.S.A.



2 Piece Wheel Flip Socket Removal Set

Includes: 3/4" - 19mm, 13/16" - 21mm, 7/8" - 22mm, 15/16" - 24mm and punch. 1/2" Drive.

AF-920



BMW 2nd generation, 20 pc, Wheel Lock Kit

Factory reproduced master wheel lock key set for the removal of all 2nd generation 2011-present BMW factory wheel lug nut locks. Identical to factory set – uses same factory part numbers.

NOTE: Same as Mercedes "B" Wheel lock master key set. Covers 20 Mercedes Benz/BMW master wheel lock keys. Can not be used with impact gun.

AFL-BMW2



5 Piece Impact Socket Set - Chrome Protective Plastic Sleeves and Shallow Broach

- Includes internal plastic inserts that prevent scratching of wheels and decorative lug nuts.
- Sizes: 17mm, 19mm, 21mm, 13/16", 7/8"

AST-7835



7 Piece Impact Socket Set

With plastic sleeves and shallow broach to protect wheels and decorative lug nuts. Metric sizes: 17, 19 and 21mm. SAE sizes: 13/16" 7/8", 1", 1 1/6".

AST-7870



Mercedes Lugnut Socket

For 2009 and up with 17MM lug bolts "flower design". 1/2" drive, with protective sleeve.

CTA-4218

Mercedes Wheel Lock Kit



A 30 pieces kit that works on 2006 – present MERCEDES factory wheel lug nut locks. Factory duplicate – uses same factory part numbers. NOTE: Covers 30 of the 60 Mercedes factory master wheel lock keys. Cannot be used with impact gun.

AFL-MER2



Mercedes Front Axle Nut E24

Long torx socket for 4matic C, E & S class models. 1/2" drive

CTA-4219

BRAKE SERVICE TOOLS

STORM



MOT Compliant!

0-1" Digital Indicator

Lock plier and flex arm.

STO-3D106



Digital Wheels on Drum Gauge

- Range 0-18" (0 to 457mm)
- Graduations: .001" (.01mm)
- Pointed anvils and offset arms to clear most axle hardware

STO-3B631



Electronic Digital Brake Drum Gauge

Range: 4" to 20" (100 to 500mm)

STO-3B531



Digital Wheels on Rotor Gauge

- Measure rotors without removing the wheel
- Interchangeable anvil for 2 points or 1 point and 1 flat

STO-3M336



Extended Reach Digital Rotor Gauge

- 6" jaw depth to reach across the largest rotors
- 5.5" range to fit all applications
- Swappable anvil allows a selection of 2 points or 1 point/ 1 flat

STO-3M431

Heavy Duty Hub Drum & Rotor Puller Kit



Use with 1 1/4" socket or 32mm wrench

AST-78830

mityvac



FREE
MVA-6851
with
purchase
of
MV-6840

Professional Hydraulic Brake and Clutch Bleeding System

- Large 5 liter fluid capacity
- Includes 7 master cylinder adapters to connect to most American, Asian, European cars and light trucks
- Pressure gauge on dispenser to control system pressure

MV-6840



Professional Grade Brake and Clutch Bleeder.

Using shop air, you can bleed up to 2 quarts per minute. Includes refill kit.

MV-6830



Silverline Elite Test Kit

Capable of producing either vacuum or pressure with equal precision & ease.

MV-8500

OTC



Brake Drum and Rotor Puller

Spread to 12-3/4" and 5" of reach

OTC-6980

mityvac



1.2L Reservoir Vacuum Brake Bleeder

One person can perform quick, clean, vacuum brake and clutch bleeding.

MV-6870



Pro-Grade Brake & Clutch Bleeding Kit

Complete with clamp-on auto-refill kit that mounts on top of master cylinder & automatically maintains the proper level of new brake fluid as you vacuum bleed the system.

MV-6835



Automotive Tune-up & Brake Bleeding Kit

- Performs vacuum related engine performance diagnostics and tune-ups, brake bleeding, fluid transfer, evacuation and sampling
- Includes everything needed for 1 person brake bleeding

MV-8000

OTC



Heavy Duty Brake Drum and Rotor Puller

For 1 Ton pickups, school buses, etc.

Spread to 17.5" and maximum reach 12.25"

OTC-6979

BRAKE SERVICE TOOLS

OTC



Brake Line Bending Pliers

With specialty jaws that run perpendicular to pliers jaws thus allowing 360 degree bends in brake lines. Dual slotted for 3/16" and 1/4" diameter tubes. 10" long.

OTC-6719BP



Magnetic Brake Line Bending jaw set to fit on 10" flat jaw locking pliers

OTC-6719-3

Astro

Combo Kit



18pc Brake Caliper Wind Back Tool Set & 8pc Professional Brake Tool Set
AST-78619

GW GEARWRENCH



Colour Coded Brake Lining Thickness Gauge (SAE & METRIC)

GW-3962

MILTON



The Brake Releaser!

MIL-2810A-KIT



Lisle



3/16" Tubing Bender Pliers

Bends 3/16" brake lines without kinking or flattening, especially in tight spots.

LIS-44150

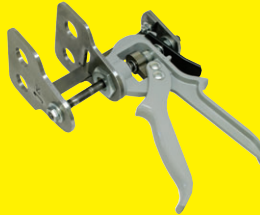
Also Available:

1/4" size Tubing bender pliers.

LIS-44070

Lisle

Quick Quad Pad Spreader



Quick way to spread brake pads and compress disc brake pistons for pad replacement on single, double or quad piston calipers. Can be used while caliper is on the vehicle or hanging free.

LIS-29100

Dual Piston Brake Pad Spreader



Compresses dual brake pistons simultaneously.

LIS-25750

Disc Brake Pad Spreader

For most domestic and import cars and light trucks.

LIS-24400



2 Pin Caliper Tool

- Use to spin piston back into the cylinder of the brake caliper.
- Works well on vehicles with self-adjusting parking brakes

PER-W80627

PT Performance Tool



Designed to dissolve ice crystals in air brakes found on semi-trailer, flatbeds, etc.

VW/AUDI Brake Release

ATA



With special bends that allow separation of brake servo push rod from brake pedal

CTA-1437

Truck Brake Spring Tool

- Easily connects rear drum brake return spring
- Slotted ends on tool always hold spring at correct work angle
- Fast - Easy - Safe

LTJ-890



Lisle



Parking Brake Cable Remover

Tool can be used when cable is still attached to parking brake assembly. Ends of tool are angled to allow easier access. Allows technician to remove parking brake cable by compressing the spring. Especially used on Ford T-Series, Expeditions< Excursions< etc.

LIS-40750



OTC

Disc Brake Caliper Tool Kit.

OTC-7317A

Astro



8 Piece Pro Grade Brake Service Tool Kit.
AST-7848

18 Piece Brake Caliper Wind Back Tool Set



- Provides both left-handed and right-handed thrust bolt assemblies
- Prevents damaging pistons and seals
- Updated adaptor set applicable for a wide variety of vehicles
- Includes holder, right main body, left main body and 15 adapters

AST-78618

BRAKE SERVICE TOOLS



6' x 1-3/4"
1/8" thick



Drum Silencer Band

Ammco style for use with truck drums
6' x 1-3/4" x 1/8" thick.

BDT-80B



Brake Drum Disc Silencer

Fits any ventilated rotor.

BDT-69



BDT - Carbide Inserts for Brake Lathes.

- For Ammco - **BDT-062-10**
Pack of 10
- For FMC use **BDT-407-10**
Pack of 10
- For KWIKWAY OEM 109-1092-23 bits.
BDT-802-10



Pro-Cut Style Cutting Bits for On-The-Car Brake Lathes

Positive rake bits. 10 packs.

BDT-069-10



Heavy Truck 7/16" Haldex Automatic Slack Adjuster Wrench - 6 Point - Extra Long

For brake adjustment on heavy-duty trucks equipped with Haldex slack adjusters. Has extra long handle which provides comfort while overcoming the anti-reverse mechanism.

KAS-7578



Extra Long Heavy Truck 9/16" Bendix Automatic Slack Adjuster Wrench

For brake service & slack adjuster installation on heavy-duty trucks equipped with Bendix.

KAS-8569



Automatic Slack Adjuster Release Tool and Wrench

KAS-4651



Heavy Duty Brake Spring Tool

Removes & installs larger brake return springs. Works on brakes with or without an anchor pin

LIS-44800



Brake Spring Tool

LIS-45100



Import Car Brake Clip Tool

LIS-48400



Brake Caliper Brush

Great for cleaning mounting surfaces

LIS-13410



Push & Turn - Double Ended Tool

used to remove & install both small & large car drum brake retaining springs.

GW-2774D



6" Locking Brake Hose Clamp Plier.

Made of chrome-plated steel.

MV-7605



Manual Slack Adjuster Puller

OTC-5055



Automatic Slack Adjuster Puller

For use on Rockwell, Haldex, Gunite and bendix Auto adjusters



Truck Brake Cage Bolt Socket

Extra deep 3/4" socket quickly unlocks truck air brakes. Also removes air brake booster for replacement. Use with 1/2" drive or 7/8" hex. Inside length is 4-1/2".

LIS-49000



Extra Deep 1-1/16" Socket (1/2"Dr)

Work on 30/36 spring brakes on 2016-2017 freightliner dump trucks, also works on other 1-1/16" deep applications.

LIS-49040

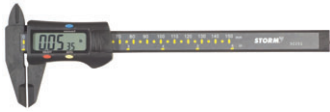


Drum Brake Hold Down Spring Washer Pliers

Unique offset design enables easy access to washers located behind wheel hubs in some Toyotas, Chryslers, etc.

NCC-30581

MEASURING TOOLS



Carbon Fiber Digital Caliper
Gauge Range: 0 - 6" (0-150mm)
STO-3C351



0 to 6" Dial Caliper W/Case.
.100" per revolution (metal body).
STO-3C101

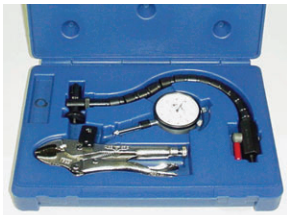


Angle Finder with Magnetic Base



Accurate to 1/2 degree
Uses: measure front ends, roof pitches, check drive shaft angle, leveling in tight spaces, pipe bending, etc.

CN-6494A



Ball Joint / Disc Rotor Runout Gauge sets come in inch or metric:

- Inch **CN-6450**
- Metric **CN-6451**

6" Extension **CN-4369**



Dial Indicator Set (economy model) comes complete with locking pliers and flex arm. (.001" graduations).
STO-3D103



Electronic Digital Caliper.
0 to 6" or 150mm (metal body), includes protective case.
STO-3C301



Digital Indicator Set 0-1 Inch (0-25mm)
• On/off magnetic base
• Digital display
• Reads in inch, metric and fractional inch
STO-3D105



Electronic Digital Caliper

- Push button SAE/Metric conversion
 - Measure inside, outside, depth, step
 - Ground and lapped measuring surfaces
 - Auto off function to conserve battery life
- STO-3C312**

Digital Depth Gauge

- Easy to read
 - 16" range with .0005" accuracy
 - Interchangeable rods for depth needed
 - Inch/Metric with the push of a button
- STO-3M746**



Digital Tire Tread Depth Gauge

- Sufficient range to measure large application tires • Wide base for stability
 - Hold button for reading in difficult to use areas
 - Fractional reading down to 64ths of an inch
- STO-3S402**



P1000 Series Inch/Metric Reading in Rubber Cushion Case

- 3M / 10' length, 1/2" wide
LUF-PHV1023CME
- 5M / 16' length, 3/4" wide
LUF-PHV1035CME
- 8M / 26' length, 1" wide
LUF-PHV1048CME



Chrome Case Colour Tape Measure

- 6M / 20' long
 - 1" wide blade
 - Positive toggle lock to hold blade securely at any length
- LUF-Y46CME**



9" Torpedo Level - 4 Piece Set with carpenter pencils & sharpener.
AFH-L003305



Professional Series Lever Grease Gun 7,000 PSI Max Pressure.
LIN-1013



Heavy Duty Lever Grease Gun.
LIN-1142

Heavy Duty Pistol Grip Grease Gun
18" whip hose.
LIN-1133 \$53.75



Heavy Duty Pistol Grip Grease Gun with 18" whip hose & rigid 6" tip.
LIN-1134

Heavy Duty Lever Grease Gun



With 18" whip hose and coupler.
Flip-over follower set for cartridge use
LIN-1147



18 fl. oz. Suction Gun.
LIN-615



Oil Filter Pliers

• 9" long - capacity 1 3/4" to 3 1/2"
CH-209

• 12" long - capacity: 2 3/4" to 4 1/4".
CH-212

• 15" long - capacity: 2 1/2" to 5 1/2".
CH-215

Fully Automatic Pneumatic Grease Gun

Features variable speed trigger, plate steel barrel with flip-over follower for bulk or cartridge, comfortable grip handle and comes complete with 30" high pressure hose.

LIN-1162



40:1 Pump Ratio

FREE LIN-1871
Li-Ion Battery with purchase of **LIN-1884**



20V Li-Ion PowerLuber Grease Gun Kit

- Includes 2 batteries, charger and case
- High-Torque powerhead delivers grease at up to 10,000 psi
- Multi-function LCD display shows grease output, battery level, blocked fitting and loss of prime
- 36" Flex hose

LIN-1884B



20V Li-Ion Battery
LIN-1871

Available separately:
• Charger **LIN-1870**



12V Li-Ion 2 Battery PowerLuber Kit

- Built-in LED work light
- 30" High-pressure hose
- Delivers grease at up to 8,000 psi

LIN-1264



18V Ni-Cad Battery
LIN-1801

FREE LIN-1871
Li-Ion Battery with purchase of **LIN-1888**



20V Li-Ion 2 Battery PowerLuber Kit

- Built-in LED work light
- High-torque motor delivers grease at up to 10,000 psi
- Battery fuel gauge
- Includes 2 extra grease couplers (5852)
- 48" HD high capacity hose with coupler
- Output: 3.5 oz/min in Low setting
10.0 oz/min in High setting

LIN-1888B



12V Li-Ion Cordless Grease Gun Kit

Includes 1 battery, charger and 36" hose.
16oz bulk capacity or 14oz. cartridge.

MW-2446-21XC

Also Available:

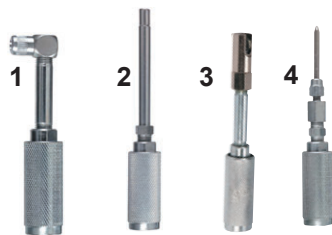
18v Li-Ion cordless Grease Gun Kit with 2 Compact 1.5 Ah Batteries

Includes multi-voltage charger, 48" whip hose.
MW-2646-22CT



20V Cordless Grease Gun Kit

- 30" Flexible hose
 - Lightweight at 7.2 lbs
 - 14 oz Grease canister capacity
 - Max working pressure: 6,250 psi
- IR-LUB5130-K12**



Lube Adapters with Quick-Connect Couplers

1. Press-on 90 degree adapter solves problems of contacting "inaccessible" grease fittings.

LIN-5859

2. Straight extension ideal for recessed fittings and U-joints.

LIN-5855

3. Slide-On right angle grease fitting.

LIN-5884

4. 3" Needle Nozzle with extension & locking sleeve.

LIN-82784

Needle Nozzles



• 3" Long **LIN-5803**

• 6" Long **LIN-5806**



7 Piece Lube Accessory Kit

with storage case

PER-W50049



PLEWS

3 Pc. Plastic Funnel Assortment 4", 6" and 8" in diameter

PL-75-075



Standard Grease Coupler with built-in ball check & hardened steel jaws.

For use on hand grease gun. (Max 6000PSI)

LIN-5852



Special Access - 90° Grease Coupler.

LIN-5883



Heavy Duty Hydraulic Coupler

max. operating pressure of 7500 psi.

LIN-5845



High Pressure Universal Swivel

(max 7500 psi).

1/2"-27 x 1/4 N.P.T.

LIN-81387



LIN-740

High Pressure Grease Control Valve

7500 psi max.



Flex Line Quick-Connect Grease Injection Tool.

LIN-5807



Whip Hoses with Coil Spring

to prevent accidental kinking that could lead to hose ruptures.

• 12" - **LIN-5812**

• 18" - **LIN-5818**

30" Whip Hose with Spring Guard

LIN-1230



• 12" Whip Hose

LIN 75912CL

• 18" Whip Hose

LIN-75918CL



7 Piece Lube Accessory Kit

All feature a quick-connect coupler with case.

LIN-58000



Heavy Duty Fluid Control Valve

- With 12" flexible hose
- Great for motor oil, gear oil, transmission fluid and antifreeze.

LIN-776



10" Hose for Control Handle

With Non-Drip nozzle 1/2" x 1/4" NPT (M)

LIN-82258



Air Blow Gun

- Handy thumb-button design provides ease of operation
- Brass stem and synthetic packaging for service life
- Addition of air nipple permits quick connect or disconnect
- Inlet 1/4" NPT (F) : Outlet 7.64" diameter

LIN-840



Water Bibcock

- For attaching water service hose
- 1/4" NPT (F) inlet
- Thumb-action trigger
- Built-in strainer filters out contaminants

LIN-846



18" Whip Hose

- Attached to PowerLuber with 7/16" UNEF fitting, 1/8" NPT (M) outlet
- Working pressure: 7500psi (517 bar)

LIN-1218

LUBE OIL & DEF SERVICE

LINCOLN



PowerLock Coupler

- Lever-activated for quick and easy attachment and release from fitting.
- It's reverse jaw design holds the fitting securely for single-handed operation.
- Works with all grease gun types including PowerLubers, manual and pneumatic.

LIN-5900

LINCOLN



12V DC Fuel Transfer Pump

- Great for diesel, kerosene or mineral spirits from mobile and stationary tanks.
- Self-priming, cast-iron pump
- Insulated, weatherproof design
- Flow Rate: 15 gal/min (57 l/min)
- Pump inlet/outlet: 1" (25.4mm) NPT
- Hose: 13' x 3/4" ID (4m x 19mm ID)

LIN-1550

LINCOLN



PMV Grease Pump 120 lbs.

Heavy Duty
2-1/2" 50:1
Air operated double-acting grease pump ensures dependable, high-output grease delivery. Drum not included.

LIN-6917

Mini Grease Gun

- Heavy duty, lightweight and easy to handle
- Holds 3 ounces of lubricant
- One hand Operation

AST-101

Astro



Lever Action Barrel Pump

Great for automotive, agricultural and industrial applications. Fits 16 - 55 gallon drums.

LIN-1340



OTC

"DEF" Refractometer

Measures the diesel exhaust fluid concentration. For SCR-Equipped engines.

OTC-5025

Mechanical Lube Meter

- Has 10 liter dial total in 1/10 liter graduation
- Has 1/2" NPT inlet/outlet & comes with 10" flex extension.
- Ideal for oils, antifreeze or ATF.

LIN-899



- Output per minute: 80 cubic inch
- Max Pressure (PSI): 7,500
- Height 43 1/8". Base 17" x 17"
- Drum not included

LIN-917



Air Operated Grease Pump for 120 lbs. (54kg) drums

Universal Bearing Packer

Cone diameter is 4 1/2".

LIS-65250



Lisle



Bearing Packer - flushes out old grease and repacks.

LIS-34550

PT Performance Tool



DEF Rotary Barrel Pump

Ideal for Diesel Exhaust Fluid. Can be used on 5 - 55 Gallon pails/drums. Made of polypropylene body and PTFE vanes to resist harsh chemicals

PER-W54285

Stainless Steel Lift Action Multi-Fluid Pump

- Use with ATF, Power Steering fluid, windshield washer, Acetone thinners, solvents
- DEF compatible
- 20 oz/stroke
- Fits most 15, 30 and 55 gallon drums (plastic and steel)

LIN-1390



LUBE & OIL SERVICE



8 U.S. Gallon
polyethylene oil
lift drain.
LIS-11102

Lisle



18 US Gallon
Oil Drain with
quick release
height adjustment.
LIS-17432

Lisle



60 Quart Truck Drain with Lid

- Heavy duty, low profile truck drain for large capacity crank cases or radiator systems
 - Cover and curved side design help keep oil from spilling during movement
 - Convenient handles and pour spout facilitate oil evacuation
 - Optional 19332 pump kit
- LIS-19202**

No Splatter Pads
Great for Eliminating Oil
Splatter!



15" Round Pad
Fits all standard oil lift
drain funnels and oil
pans.
LIS-38750



22" Square Pad Protects floors
and work area from messy oil splatter.
LIS-38780

Lisle



Fluid Transfer / Extractor Pump
Set. Works for transferring or siphoning
all types of automotive fluids. 1.1 liter
capacity cylinder body.
LIS-17282

LINCOLN



LIN-3601

Get a **FREE**
LIN-1142
with the
purchase
of a
LIN-3601.

Pressurized 18 Gallon Tank Waste Oil Drain.

Uses shop air. All steel
construction. 14"
telescoping bowl with
height range of 45" to
72". Ideal for motor oil,
transmission and
power steering fluid.

LINCOLN

20 US Gallon Capacity Pro Series

Used oil drain with air
assist.
Telescopes 44" to
72".
Protected sight gauge
for easy fluid level
monitoring.

LIN-3614



LINCOLN



17 Gallon (65L) Truck Drain

- Lightweight high-impact polypropylene
 - Easily positioned under high-clearance vehicles for capturing used fluids including motor oil, coolant and transmission fluid.
 - With Electric Pump
- LIN-3669**

Also Available:

- Basic Model: Can be used with optional diaphragm pump (LIN-4100)
- LIN-3665**

PT
Performance Tool



6' Long "Shaker Hose"

Transfer fluids simply by shaking hose
up and down to start
PER-W54154

mityvac



1.5 L Fluid Extractor / Dispenser

- Rubber adapter connector for use with MityVac ATF refill adapters.
- Suitable for a variety of fluid exchange applications in automotive, industrial, heavy duty and marine uses.

MV-MVA6852



Fluid Extractor

Simple syringe-type action with 7oz (200cc)
capacity. Ideal for evacuating or topping off
master cylinders, small reservoirs.

MV-MVA6851



GRACO

Oil King
20 Gallon
Capacity

Deluxe used oil receiver.
GO-238-866

LUBE & OIL

mitivac®



**7.3 Liter
Manual Pump
Style Fluid
Evacuator**
MV-7400



**8.8 Liter
Reservoir
Evacuator &
Dispenser**
MV-7201



**8.8 L
Air Operated
Fluid
Evacuator**
Includes Brake Bleeding
Kit
MV-7300

Fluid Dispensing System

5 Liter Reservoir

- Designed for topping-off fluid reservoirs including master cylinders, gear boxes, transmissions, power steering reservoirs, etc.
- 5" long hose with dispensing wand & flow control valve make it ideal for accessing hard-to-reach reservoirs and fill plugs.

MV-6400



ATF Refill System



For sealed automatic transmissions. Includes 10 adapters for Ford, Toyota, BMW, Honda, Nissan, VW, Audi, Mercedes and Volvo transmissions.

• 5 L Reservoir **MV-6410**

• 9.5L Reservoir **MV-6412**

Lisle®



10" Tall Translucent Right Angle Funnel

- With a 6-3/4" offset for hard-to-reach applications.
- Useful for adding brake fluid to master cylinders on mini-vans, adding gear lube to differentials, filling the DEF reservoir on GM Duramax diesels as well as other applications.
- Funnel mouth is 3.5" OD & the spout is 7" OD

LIS-17232



14 pc. Multi Application Oil Funnel Kit

Eliminates spills when refilling crankcases, especially those with baffle valve covers.

1.6 quart capacity.

LIS-19912



Plastic Oil Drain Plug Set

Includes offset Ford wrench to keep technicians hands away from hot fluids and 1 each BMW and VW group plastic plug bits.

LIS-51150



DEF Filler Funnel Kit

Has a special threaded connector that fits all standard DEF systems. Features shutoff valve to prevent spillage.

CTA-7220

CTA®



8 pc. Oil drain Plug kit

For removing plastic oil and radiator drain plugs found on late model domestic and import passenger vehicles.

CTA-1320

9CIRCLE



Anti-Spill Coolant Refilling Funnel

Has special design that prevents leaks when disconnecting funnel from radiator adapter.

NCC-72711

LINCOLN



Lever Action DEF Transfer Pump

Self Priming. Supplied with 6' non-kink hose, 45 degree 3/4" diameter nozzle and adjustable pick up tube that fits a variety of containers

LIN-1392

**PT
Performance Tool**



**2.5 US
Gallon
Plastic
Fluid Filler**

Tough polyethylene is impervious to oil, gasoline and antifreeze. Automotive finish safe.

PER-W54273



6 Qt. Oil Dispenser

Flexible 8" pouring spout enables easy transfer of liquids.

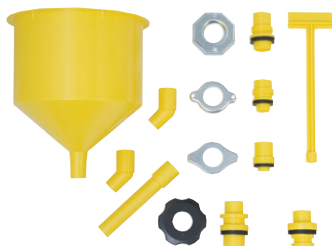
LIS-19732



8 Quart Dispenser with Spout Lid and Cap

Keep out contaminants. Flexible removable 8" pouring spout.

LIS-19702



Upgraded Spill Free Funnel Kit

Now includes 45 degree elbow, 5" extension and new E Adapter.

LIS-24680

Threaded Oil Transmission Funnel Hands free filling on threaded valve cover openings.

LIS-19802



Oil Funnel for 2015 and up Popular Volkswagen/Audi Vehicles

- Funnel fits to oil filter neck.
- No unsafe spills on engine or floor.
- Transparent tube displays oil flow.
- Hands-free working.
- Will also work on some BMW and Mercedes Benz vehicles.

NCC-62730



7 Piece, Offset Filter Wrench Set

- Set includes 24mm, 25mm, 27-29mm, 32mm and 36mm sizes all in 6PT 3/8" drive.
- For use on hard to get to oil filter housing and fuel filter housings.

LIS-40600



4.5 U.S. Gallon Oval Drain Pans (polyethylene material)

New drain pan design provides 60% larger catch area for easier fluid draining

- Black for oil
- Green for antifreeze

LIS-17972

LIS-17982



Transmission Drain Funnel 22" X 23"

LIS-17892



30 Quart Multi-Drain Pan

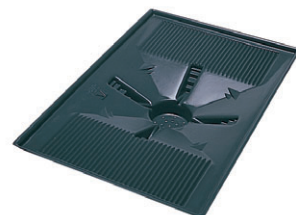
LIS-17922



1.6 Qt. Plastic Funnel with Lid and Spout Cap

Has removable 9" flex spout and narrow design for hard-to-reach applications. 4" opening for the lid creates a lip to prevent excess fluid from dripping out of the top when laid down after use.

LIS-19832



Super Duty Transmission Drain Funnel (24" X 36")

LIS-17902



Holds 8 Quarts

Catch-All Drip Pan

Dimensions: 24" x 36" x 1 1/2" Ideal for use on showroom floors, garages, carports or under equipment.

LIS-17922



Truck & Trailer Wheel Pan for catching oil from wheel hubs.

LIS-19852



25 Ton Capacity High Speed Heavy Duty/ Automotive

OIL FILTER CRUSHER
Up to 6" Diameter and 15" in Length. Powered by 230V. Single Phase 2HP Electric/Hydraulic pump. Shipped assembled.

OTC-1896



13 Pc Pro-Grade Oil Filter Wrench Set. To service most German cars plus GM, Ford, Toyota/Lexus, Mazda etc.

NCC-62607

OIL SERVICE TOOLS

GW GEARWRENCH



6 Pc Oil Canister Set

Includes 24, 27, 29, 32, 36 and 38mm. These sizes can be used for GM, Saturn, VW, Volvo, Ford trucks, Cadillac, BMW and Dodge.
GW-41890

Lisle

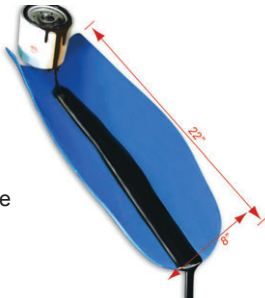


Heavy Duty End Cap Filter Wrench for Toyota. 64/65mm 14 Flutes
LIS-61600

9CIRCLE

22" x 8" Large Size Flex-Funnel

Ideal when servicing trucks and other large applications
NCC-65067



Flex-Funnel - 6.7" X 14.6"

Useful tool when draining/refilling fluids in a vehicle. Mouldable to any shape, can handle temperatures to 105 Celsius.

NCC-65066



ATA

Heavy Duty Oil Filter Wrench

For Toyota/Lexus 6 and 8 cylinder vehicles. Forged and machined from 6140 steel. 64mm x 14 flute.

CTA-2475C

PBT
Look for the PBT logo on the underside



Toyota/Lexus Oil Filter Wrench Kit - 3 Piece

For 4 and 6/8 cylinder vehicles.

PBT-71115A

UPDATED: Individual wrenches now require a 24mm wrench instead of a 3/8" Dr ratchet.

PBT-71110A (4 Cyl)

PBT-71113A (6/8 Cyl)

ATA



Cummins Oil Filter Plug

2013-2018 Dodge RAM 6.7L Cummins Diesel 2500/3500 Heavy Duty models. Prevents spillage when removing filter.

CTA-4334



Oil Drain Plug Wrench

For common plugs found on VW, Audi and Porsche vehicles. 19mm 6pt box end and 165mm XZN 12pt at the other end.

CTA-8764



Crankcase and Transmission Drain Plug Wrench

For many German passenger vehicles. Features 17mm 6pt box-end wrench and a 14mm Hex male at the other end.

CTA-8762

9CIRCLE

2 Pc Toyota/Lexus Cartridge Oil Filter Wrench Set

• For 4, 6 and 8 Cylinder Engines
NCC-61603

Also available separately:

• For 4 cylinder Toyota/Scion
NCC-61640

• For 6 and 8 cylinder engines
NCC-61601

74.2 X 14 Flutes 3/8" Drive Oil Filter Wrench

For use on Mazda / Audi / VW gas, plus V6 and V8 Mercedes Benz, Ford Focus '04 to '06

NCC-61660

88.8 X 15 Flutes 3/8" Drive Oil Filter Wrench

For V6 powered Hyundai/KIA
NCC-61630

86.6 mm x 16 Flutes 3/8" Drive Oil Filter Wrench

• For BMW 3.0L twin turbo engine (5.0 cm deep)

NCC-61651

• For Volvo passenger vehicles (7.4 cm deep)
NCC-61650

90.2 mm x 15 Flutes 3/8" Drive

For current Land Rover / Range Rover
NCC-61605

84.4 mm x 14 Flutes 3/8" Drive

Cartridge Oil Filter Wrench for Diesel Powered Mercedes-Benz / Dodge Sprinter vans and Jeep 3.0 diesel V6 Cherokees 2007 and up.

NCC-61604

OIL FILTER WRENCHES & MISC SERVICE TOOLS



Swivel Grip Oil Filter Wrench

- 2 7/8 - 3 1/4 **LIS-53700**
- 3 1/2 - 3 7/8 **LIS-53500**
- 4 1/8 - 4 1/2 **LIS-53250**
- 4 5/16 - 4 3/4 Cummins-Detroit **LIS-54200**
- 4 3/4 - 5 3/16 John Deere **LIS-53200**
- 5 1/4 - 5 3/4 Caterpillar **LIS-54300**



180° Adjustable Tension Swivel Gripper No Slip Filter Wrench

- Extra Small (2.375 - 2.625") **LIS-57010**
- Small (2.875-3.25") **LIS-57020**
- Standard (3.5 - 3.875") **LIS-57030**
- Large (4.125 - 4.5") **LIS-57040**

Low Profile Oil/Fuel Filter Canister Sockets:



- **Oil/Fuel Filter Socket** for fleetguard and some K&N filters **LIS-13280** (25mm)
- **Oil/Fuel Filter Socket** for 2010-2018 6.7L Dodge cummins **LIS-13290** (28mm)
- **Oil Filter Socket** for 2.2 L Ecotec GM engines. Low Profile 1 1/4" with 3/8" dr. Not for use with impact guns. **LIS-14700** (32mm)
- **Oil/Fuel Filter Socket** for 6.0L Ford Diesel powered pickups. 36mm low profile 3/8" drive. **LIS-14500** (36mm)



Oil Filter Wrenches for Working in Tight Spots.

- 1/2 - 3 1/8" **LIS-63600**
- 1/8 - 3 7/8" **LIS-63250**



Oil Pressure Switch

Socket. 1 1/16" opening
LIS-13250



Oil Pressure Switch Socket

1 13/16" opening with partial hex design (3/8"Dr.) for 2015-2017 Ford an Lincoln vehicles with 4 and 6 cylinder engines
LIS-13900

Universal 3-Jaw Oil Filter wrench used with 3/8" ratchet.
GW-3288D



"PROSWIVOIL" Filter Wrenches specially designed to fit today's car & truck filters.

- **GW-3941** (64-76mm)
- **GW-3942** (73-83mm)
- **GW-3943** (89-99mm)
- **GW-3944** (96-111mm)



Narrow Band Heavy Duty Truck Oil Filter Wrenches.
1/2" Dr. x 1 1/2" Wide Band.

- **GW-2320D** 3 3/4" to 4 1/2"
- **GW-2321** 4 1/2" to 5 1/4"
- **GW-2322D** 5 1/4" to 5 3/4"



Heavy Duty Truck Oil Filter Wrenches.
1/2" Dr. x 3" Wide Band.

- **GW-2320W** 4 1/8" to 4 1/2"
- **GW-2321W** 4 3/8" to 5 1/4"
- **GW-2322W** 4 3/4" to 5 1/2"



Heavy Duty Strap Oil Filter Wrench can handle truck & tractor filters to 9". Buckle has 3/8" dr. on one side and 1/2" on the other.
GW-3529D



Oil Drain Plug Repair Kits



Includes tap for creating enlarged threads, new plugs with enlarged sizes and washers.

- 13mm X 1.25 Pitch for Nissan, Scion, Toyota, Lexus **NCC-60611**
- 15mm X 1.5 pitch for Audi/VW, Ford, Honda/ Acura, MB, etc. **NCC-60614**
- 18mm X 1.5 pitch for Dodge, Hino Truck, also for repairs to O2 sensors **NCC-60616**



Nylon Drain Plug and Tool Set for 2010 and Newer Volkswagen /Audi Vehicles

These drain plugs should be replaced after every oil change.

NCC-60680



Oil and Grease Seal Puller.

LIS-56750



Heavy Duty Strap Filter Wrench

Use with 1/2" Dr to remove or install filters and other objects up to 6 1/2" in diameter.

3 5/8" long yoke.

LIS-60200



Transmission Oil Cooler Line Scissors 3/8" x 1/2"

Use 3/8" size for 2003-2010 Ford V8 Explorer, 2004 and later Ford F150 and Cadillac CS. Use 1/2" size for Ford Super Duty Trucks, F250, F350 and F450.

LIS-39660

GW GEARWRENCH



7 Piece Hammer and Dolly Set.

Consists of

- Cross Faced Shrinking Hammer
- Smooth Faced Cross Chisel
- Smooth Faced Bumping with Square and Round Face Hammer
- Wedge, Toe, Heel and a General Purpose Dolly.

GW-82302

Astro



5 Piece Fastener and Molding Removing Kit

Made of tough plastic that will not scratch paint, chrome and leather.

AST-4505

TITAN



4 pc H.V.L.P. Colour-Coded Triple Set-Up Spray Gun Kit with Case

Green Gun - 1.0 mm nozzle set for lighter materials and touch up work
Red Gun - 1.4 mm nozzle set for lighter materials
Blue Gun - 1.7 mm nozzle set for heavier materials

Locking pressure regulator with gauge Bonus aluminium storage/carry case

All Guns:

- Spun aluminium paint cups
- Die cast aluminium body
- 2-Step trigger control
- Non-bleeder type, gravity feed external mix
- Stainless steel nozzless
- Adjustable spray width, air inlet and fluid outlet

TTN-19221

TITAN



7 Pc Autobody Hammer Set

- Heat-treated, dropped forged steel dollies and hammers
- Fiberglass hammer handles with non-slip grip
- Includes: bumping hammer, pick & finish hammer, reverse curve hammer, utility dolly, double end dolly, shrinking dolly, curve dolly, form-fitted mold case

TTN-15084

TITAN



6 Pc Multi Wedge Trim Panel Tool

Shaped for many different applications such as removing dashboards, air vents, door panels & locks, electronic seat controls, seat levers, center consoles, gear shifter & more.

TTN-15048

Astro



4 Piece Upholstery Tool Set

Full polish chrome plated shanks.

Set includes: 9-1/4" bent handle door panel remover, 9-1/2" plastic fastener remover, 10" door upholstery remover, 20-3/4" long door panel tool.

AST-9589

PT
Performance Tool

4-in-1 Quick-Change Hammer

With varying degrees of hardness. Features shock absorbing fiberglass handle with non-slip rubber grip.

PER-M7215



BODY & SHOP TOOLS



Double-Ended Plastic Clip Remover
Has thin tips and a 3-1/2" grip. Overall 8" long.
LIS-35460



Door Upholstery Remover
LIS-35400

Plastic Fastener Remover

Quickly removes plastic hold-down fasteners on weather stripping, radiator shrouds, fender linings, air dams and other plastic or rubber parts.

LIS-35260



BODY REPAIR KITS

- Custom fitted, rugged blow molded storage case
- Sets are portable for easy usage in shop or on the road
- Designed for pushing, spreading and pressing of vehicle body panels as well as various component parts
- Available in 4 and 10 ton models

4 Ton-OM-50040

10 Ton-OM-50100



10 lbs. Slugger Set in Cardboard Box
SG-80000

Trim Clip Assortments for German Car Brands



Audi 160 Pc Trim Clip Assortment
PER-W5256



VW 255 Pc Trim Clip Assortment
PER-W5249

BMW 290 Pc Trim Clip Assortment
PER-W5248



Mercedes 270 Pc Trim Clip Assortment
PER-W5257

TITAN



407pc SAE O-Ring Assortment

Contains the 32 most popular sizes of SAE o-rings. Constructed of Buna-N BG715 (Nitrile 70 Shore) rubber. Convenient re-sealable plastic case.

TTN-45202



419pc Metric O-Ring Assortment

Contains the 32 most popular sizes of metric o-rings. Constructed of Buna-N BG715 (Nitrile 70 Shore) rubber. Convenient re-sealable plastic case

TTN-45203

350 Pc GM Trim Clip Assortment

Includes clips, retainers and fasteners plus application chart inside the lid.
PER-W5240



415 Pc Ford Trim Clip Assortment
Includes clips, retainers and fasteners plus application chart.
PER-W5241

215 Pc Chrysler Trim Clip Assortment

Includes clips, retainers and fasteners plus application chart.
PER-W5242



340 Pc Toyota & Lexus

Auto Body Retainers, Fasteners and Clip Assortment.
PER-W5243



418 Pc Honda

Auto Body Retainers, Fasteners and Clip Assortment.
PER-W5244



TITAN



225pc SAE O-Ring Assortment
TTN-45225

BODY & SHOP TOOLS

STECK



The Original Heavy Duty Seambuster to separate Spot Welded or Bonded Panels

STK-20015

Push Pin Pliers for Plastic Panel Fasteners, Spring Action



Straight Push Pin Pliers

LIS-42050



Push Pin Plier with 30 Degree Angled Tip

LIS-42060



Push Pin Plier with 80 Degree Angled Tip

LIS-42070



Window Holder

Holds door glass while working on windows regulator. Works on all cars and trucks with a top door frame.

LIS-63900



Mirror Removal Wrench

Easily removes mirrors held on by spring cups, insert tool tip under the mirror and push tool towards the glass and down to release mirror from bracket. Coating on bend helps protect the windshield.

LIS-60400

9CIRCLE



Wiper Arm Puller Set

For a wide range of applications with 4 extractors and an adjustable puller.

NCC-83170



Clip-Style Light Cover Removal Set

For front and tail light covers with plastic probes to avoid scraping covers. Not for use on screw type covers.

NCC-86601

ARSLAN
AUTOMOTIVE



Rustproofing Gun has a 1 liter capacity cup. For best results operate at 30-35PSI.

AR-20-HSD73K

Repair Kit for 20-HSD73Gun.
AR-HSD73RPK



High Speed Steel

1/2" hole size, self-starting drill bit for undercoating.

1/4" shank size.

UB-10310

3" Extension for UB-10310.

UB-10492

ARSLAN
AUTOMOTIVE



"Kant Slip" Friction Jack

For aligning fenders, doors, hoods & trunks. Push-pull-brace-align has a 4' steel rod, 3 long wearing cams.

AR-55-KSI

OTC



3 Pc Push Pin/Body Clip Pliers Set

Allows the removal of plastic body fasteners and clips faster in nearly any location. With a unique design that lifts the centre pin and pulls body clip without damaging anchors.

Includes straight, 45 and 90 degree pliers.

OTC-2497

MOTOR
GUARD



"Dust Doctor" Sanding Block Cleaning Pads

Uses microfiber technology for instant unloading of abrasive sheets and discs.

MG-DD-2 (Package of 2)

OTC



Aluminum Door Skin - Flange Tool Set

For removal and installation of door skins on late model Ford F-series pick-ups and Econoline vans

OTC-2545

ARSLAN
AUTOMOTIVE



Sandblast Hood with Hard Hat

Includes:

- Hood
- Lens
- Hard Hat

AR-72-20000

Full Face Mask

Clear lens.

AR-72-498



BODY & SHOP TOOLS



45 Piece Threaded Insert Rivet Kit

Used to insert fasteners into thin metal, plastic or fiberglass. Includes 4 sizes of threaded mandrels and nosepieces & comes with 10 of each size aluminum threaded rivet nuts.

PER-W2006

Pro-Series Hand Riveter

Made of precision die cast aluminum alloy body. 1/8", 3/32", 5/32" and 3/16".

PER-W2009



Rivet Tool for plastic rivets. All metal construction.
SG-19400

Super Duty 1/4" Cap Riveters with Rivet Stem Catching Bottle.



• 5-3/4" Nose Reach.

SG-19830

• 2-1/4" Nose Reach.

SG-19800



1/4" Heavy Duty Hand Riveter

• Extra long handle provides excellent leverage

• Includes 5 nosepieces: 1/8", 5/32", 3/16", 7/32", 1/4"

• Tool length: 20 3/4"

• Weighs 5lbs

• Includes plastic container for spent mandrels

AST-1426



Air Riveter
AST-PR-14



Heavy Duty 120V Solder Gun Kit.
WEL-D650PK



Dual Heat (260/200W) 115V.
Professional Soldering Kit.
WEL-D550PK

Bulb for D550PK and 8200PK
WEL-7333



Portasol
Self-igniting
Cordless Sol-
dering Kit.

Uses butane lighter
fuel.

WEL-P2KC

Butane Refill. 70ml.
WEL-WB1C



13" Heavy Duty Riveter With 5
Nose pieces up to 1/4" Size.

Ergonomic grip, core collection bottle for
safety/ease of disposal

AST-1423



3/8" XL Rivet Nut Drill Adapter Kit

- Easily convert cordless or corded drills into power rivet nut setters
- Use 12V and up cordless drills for aluminium and steel rivet nuts, or 18V+ for larger sizes like M10 & 3/8" and/or stainless (Drills must feature torque limiting clutch)
- Includes 8 mandrels and nosepieces in Metric and SAE: M5, M6, M8, M10, 10-24", 1/4-20", 5/16-18", 3/8-16"

AST-ADN38



Magna
Stitcher

Plastic Repair System

Complete with 400 assorted stakes
Unit works by welding a rigid stainless
steel stake into the plastic resulting in a
permanent repair of the crack.

MG-MS-2500



Plastic Repair Attachment Kit for your Stud Welder

Works by welding a rigid steel stake into
plastic surface that results in a permanet
repair of cracks.

MG-MS-1-KIT



Magna-Spot Entry Plus Kit combines
Series 1000 stud gun with a H.D. Magna slide
hammer, an electrode and 500pcs. of 2.0mm
draw pins in a storage container. Features the
exclusive Magna Pin system.

MG-JO1050

HEAT GUNS & WELDING

TITAN



Heat Gun

- 12.5 Amps 120 V
- Dual temperature setting
- Durable ABS body
- 3 Position rocker switch: off, high & low

TTN-22400

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS



Heat Gun

- 2 heat selections
(750 / 1000 F)

SG-87250

PT
Performance Tool



Wood And Leather Electric Burning/Engraving Kit With 20+ Pieces

- Cutting And Carving Tips
- Dual power 15 and 30W levels

PER-W2001

Firepower



Medium Duty Oxy-Acetylene Welding and Cutting Outfit

Includes 20' x 3/16" "RM" grade hose. Featuring G-Series regulators with Heavy Duty in-line stainless tubes for better visibility. Ergonomic, textured, precision contoured handle. Goggles and striker included.

FP-0384-2540



OxyFuel 350 Heavy Duty Oxy-Acetylene Outfit

Includes 350-series regulators and cutting handle and attachment, dual R-grade 12.5' hoses, No. 2 welding nozzle, No.1 cutting tip, striker and protective eye wear. With optional tips you can cut to 6" and weld to 1/2".

FP-0384-2682

Cone & Chisel Chipping Hammer



FP-1423-0086

TOOL AID®
PROFESSIONAL AUTOMOTIVE TOOLS



3/8" Rotary Spot Weld Cutter SG-18000

Replacement Blades, 3 in a pack.
SG-18025



Made
In
U.S.A.

Rota Broach Cutter Kit

Includes 7 sizes of hole cutters 5/16" to 3/4", arbor and 2 extra pilots

BLR-11090

Weller



Portasol Self-Igniting Cordless Soldering and Heat Tool Kit

Uses butane, 2 hours between refills. Stainless steel fuel tank.

WEL-PSI100K

Replacement Tips for D550



WEL-7135W

WEL-7250N



WEL-7250W

Tradeflame

Butane-Powered Glue Gun

- Compact and light weight
- Folding Stand
- Precise temperature control
- 2-3 hours run time on full
- Comes with 10 glue sticks and blow molded case

TDF-211734



WELDING / PLASMA CUTTING

**THERMAL
DYNAMICS**
AN ESAB BRAND



Cutmaster 40

Automatic voltage Input detective from 110-240V.
40% Duty Cycle

FP-1-4000-1

Firepower



10-140 AMPS
15% Duty
Cycle

MST 140i

3 in 1 - MIG, STICK and TIG welding. At only 33 lbs, it is light and portable. 115V input makes it ideal for on-site & portable welding applications and DIY.

FP-1444-0870

Firepower



MST 180i

MIG, STICK & TIG welding. Delivers 10 to 180 Amps welding output from 230V (1ph) input. 2.5 to 16.5 M/minute wire feed speed.

FP-1444-0871



ESAB

Rebel EMP 235ic (115/230v)

Industrial, multi-process package

- Excellent performance on MIG, TIG and STICK
- Run solid wire up to .045 in. (1.2mm) and cored wire up to .052 in. (1.4mm), plus stick electrodes up to 5/32 in. (4.0mm) and TIG rods up to 3/16 in. (5.0mm)

ESB-EMP235ic

TITAN



30 Amp Plasma Cutter

- Powerful and reliable IGBT inverter technology delivers 30 Amps at a 35% duty cycle.
- Dual voltage-sensing technology 115V or 230V
- Cuts mild steel, stainless, brass, aluminum and other conductive materials
- Rated 1/4" clean cut on mild steel with 1/2" rough sever
- Low frequency, pilot arc system for instant starts and ease of use when cutting rusty material
- Lightweight and portable

TTN-41200



PT
Performance Tool

3" Mini Bench Grinder

- Allows for excellent maneuverability
- Precision speed control from 0 to 10,000 RPM
- 10 Grinding stones

PER-W50003

**SUNEX™
TOOLS**

Bench Grinder with Light



- 6" (1/2 HP - 3.5amp motor)

SX-5001A

- 8" (3/4HP - 5amp motor)

SX-5002A



Mini-Ductor 12V

Generates invisible heat via induction from any 12 volt battery pack or vehicle battery, making it completely portable for use outside of the shop.

- 12V / 70Amp / 840 Watt
- 3 basic work coils
- Includes manual and case

IND-MD-500



Mini-Ductor II Magnetic Induction Heater Kit - 120V

Faster, safer and more precise than torches.

The flameless solution to releasing hardware or other metallic components from corrosion and thread lock compounds without the collateral damage normally associated with torches.

- Ergonomic housing with slip resistant handle
- Super bright LED mounted at the end to illuminate the work load
- Operates on 120V / 1000 watts of power
- Uses high frequency magnetic fields to heat metal and only metal, induction heat
- Kit includes the Mini-Ductor II heat tool, a U-form coil (23" insulated wire), nut coil and one Bearing Buddy (magnetic rope) coil for various size applications

IND-MD-700



8 Piece Essential Coil Kit

For up to 1" nuts and bolts. Packed in space saving tube.

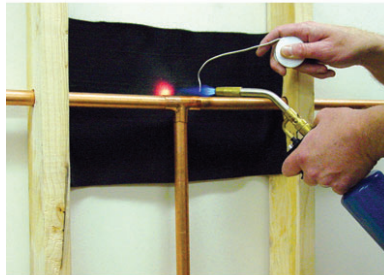
IND-MD99-660



Mini-Ductor Coil Kit

Kit enables the user to heat and release siezed nuts and bolts up to 1 1/2" dia. and other metallic hardware from corrosion and / or thread lock compounds.

IND-MD99-650



Pyro Torch Shield

10" x 18"

Protects surfaces from sparks or open flame from gas torches.

AFK-70440



Magnetic Soldering Clamp

Offers an extra pair of hands when soldering!

LIS-55000



12/24V Antizap Surge Protector Saves Vehicles Electronics During Welding

GDL-32030

TITAN

Solar Powered Welding Helmet

- Lens size 3.86" x 2.17"
- Ultra high performance filters protect against UV & IR
- Automatically changes from a light to a dark state when arc is struck
- Variable shades from DIN 9 to DIN 13

TTN-41267



Solar Powered Welding Helmet

- Ultra high performance filters protect against UV & IR
- 3.86" x 2.17" viewing area
- Variable shades from DIN 9 to DIN 13
- Special turnover headband mechanism allows for greater comfort, reduces fatigue
- Complies with DIN, ISO, EN safety standards and ANSI Z87.1-2003
- Utilizes high performance solar cells with 2 built-in 3V lithium batteries

TTN-41279



Wide-View Solar Powered Welding Helmet

- Ultra high performance filters protect against UV & IR
- Automatically changes from a light to a dark state when arc is struck
- Lens size .3.86" x 2.17"
- Variable shades from DIN 9 to DIN 13

TTN-41266



Solar Powered Auto Darkening Welding Helmet

TTN-41260

ABRASIVES

Abrasives and Cutting Tools



**Aluminum
Oxide
Vitrified
Bond
Wheels for
Steel**

General Purpose Wheels Med. Grit (A46) for Bench Grinders

- 6" x 3/4" x 1" - 4,100 RPM.
AF-A675M
- 6" x 1" x 1" - 4,100 RPM
AF-A610M
- 8" x 1" x 1" - 3,600 RPM
AF-A810M



Crimped Wire Wheels Medium Grit (.014 diameter) for Bench Grinders.

- 6" x 7/8" - 6,000 RPM
GEM-101-F2M
- 8" x 7/8" - 4,500 RPM
GEM-101-G2M

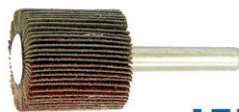
Other sizes and grits available.



Standard Face Knot Wheels 8,500 RPM - Unthreaded for use with Angle and Bench Grinders.

- 6" x 1/2" Face Width (.20 Dia.)
GEM-8006-1
- 8" x 1/2" Face Width (.20 Dia.)
GEM-8008-1

Abrasives and Cutting Tools



1/4" Mandrel Mounted Flapwheels - 1" Wide x 80 Grit

- 1" Diameter, 30,000 RPM, box of 10.
AF-560123
- 2" Diameter, 25,000 RPM, box of 10.
AF-560223



3" Diameter Knot Brushes Radial Style - 25,000 RPM

- Steel **AF-553742**
- Stainless Steel **AF-553792**



2 x 1/4" Shaft Mounted Crimped Radial End Brush **AF-553733**



Power Abrasive Depressed Centre Grinding Wheels General Purpose - 1/4" Wide 4-1/2" x 7/8" Centre, 13,300RPM **AF-716**



1/4" Shank Wire Brushes



1" Knot-Type
Wire End Brush
Max: 20,000 RPM
GW-2312DD \$17.75



2 1/2" Wide Cup
Wire Brush
Max: 5,000 RPM
GW-2314D



6 Pack Replacement Eraser Pads **IR-324-700-6**



5 Piece Long Double Cut Carbide Burr Set

- An extra-long 4.5" in length for hard to reach use
- 1/4" shank
- Should not exceed max 20,000RPM
AST-2185



8 Piece Double Cut Carbide Rotary Burr Set With 1/4" shank. **AST-2181**



- 3" Disc Holder **SG-94530**
- 2" Disc Holder **SG-94520**

ABRASIVES

ARSLAN



Gravity Sandblast Gun has an 18 oz. hopper capacity. 1/4" NPT air inlet, 7/32 nozzle. 7CFM @ 90PSI.

AR-52-H120G

ARSLAN

Deluxe Pressure Sandblasting Outfit



100lb. capacity complete with 8' hose and large automatic valve, water filter, hood, hardhat. Air consumption 18CFM.

AR-52-G800



Portable Abrasive Blaster



90 PSI operating pressure. Minimum air requirement of 3.5CFM at 50 PSI.

PER-M549

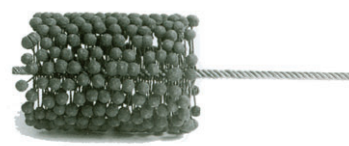
All Flex-Hone Sizes and Grits Available.

180 Grit



Flex-Hones for Brake Cylinders, Hydraulics, Valve Guides, etc...

Item #	Size	Price
BRM-BC8M18	8 mm	
BRM-BC95M18	9.5 mm	
BRM-BC10M18	10 mm	
BRM-BC14M18	14 mm	
BRM-BC18M18	18 mm	
BRM-BC3418	3/4"	
BRM-BC7818	7/8"	
BRM-BC10018	1"	
BRM-BC11418	1-1/4"	
BRM-BC11218	1-1/2"	
BRM-BC20018	2"	
BRM-BC21218	2-1/2"	
BRM-BC23418	2-3/4"	
BRM-BC30018	3"	



120 Grit

Heavy Duty Flex-Hones for Block Cylinders or Liners.

- 3" to 4-1/2" are 13-1/2" long
- 5" and up are 17-1/2" long.

Item #	Size	Price
BRM-GBD30012	3"	
BRM-GBD31412	3-1/4"	
BRM-GBD31212	3-1/2"	
BRM-GBD33412	3-3/4"	
BRM-GBD40012	4"	
BRM-GBD41412	4-1/4"	
BRM-GBD41212	4-1/2"	
BRM-GBD50012	5"	
BRM-GBD60012	6"	
BRM-GBD70012	7"	
BRM-GBD80012	8"	



2-1/2" Brake Rotor Hone

120 grit flexible ball stones

PER-W80629



Industrial Quality Parts Wash Brush

- Heavy duty construction
- Non-slip grip
- Guaranteed not to mushroom
- Penetrating tip

Flow thru model with straight handle
Supplied with a 2' tube designed to fit
0.500 to 0.600 O.D. parts washer nozzles.

BRM-PWA





BRITEPREP™ Surface Conditioning Discs

2" Diameter-pack of 50

Extra Coarse

GTX-25120803

Medium

GTX-25120903

Fine

GTX-25120923

3" Diameter-pack of 25

Extra Coarse

GTX-25130803

Medium

GTX-25130903



Resin Fibre Aluminum Oxide Discs

2" Diameter-pack of 50

36 Grit

GTX-21220305

60 Grit

GTX-21220505

80 Grit

GTX-21220605

3" Diameter-pack of 25

36 Grit

GTX-21230305

60 Grit

GTX-21230505

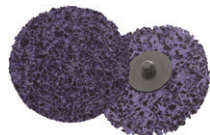


STRIP AWAY® Discs, pack of 10

2" Diameter-18,000 rpm max

Black-General purpose

GTX-53209



Purple-Extra fast cutting

GTX-56209

3" Diameter-7800 rpm max

Black-General purpose

GTX-53211

Purple-Extra fast cutting

GTX-56211

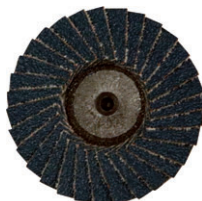
Zirconia Flap Wheels

For use with below R-type holders, pack of 10

2"-40 Grit **GTX-22520305**

2"-80 Grit **GTX-22520605**

3"-80 Grit **GTX-22530605**



Rapid Change Holders Type R plastic roll-on locking style

For 2" discs

GTX-70020003

For 3" Discs

GTX-70030001

6"x9" Hand Pads, pack of 20

Premium **GTX-23812**

Ultra fine **GTX-23813**

Industrial **GTX-23814**

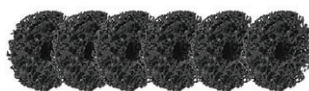


Hub Buddy XL Impact-Rated Lug/Disc Surface Cleaner

- Removes rust, corrosion and other build-up from wheel studs, drums and tire rims

- Includes: 1 Hub Buddy XL attachment and 1 cleaning disc.

AME-37330



6-Pc 2" Cleaning Discs for Model #37330 Hub Buddy XL

AME-37335



Quick Change Wheel Stud Cleaner Kit

- Comes with 1/2" drive adapter and 6 brushes
- Brush sizes includes:
12mm(7/16"), 13mm(1/2")
14mm(9/16"), 16mm(5/8") and
22mm(7/8")



CAL-16



Wheel Hub Grinder Type 1, 60mm Internal

- Special grinder cleans wheel and hub contacts surfaces
- Includes (1) 6.3" (160mm) disc



MKP-433502/M



3-pc Replacement Discs for #433 502/M

MKP-433501

Wheel Hub Grinder Type 1, 75mm Internal

- For cleaning the wheel centering device and the attachment face between the wheel and the hub
- 1/2" drive
- Optimized for use with an impact wrench
- Max. speed : 500rpm



MKP-433500



Inner Rim Cleaner

- To be used only on the inside of an aluminum rim with an enlarged diameter of 3" (75mm)

MKP-433507

ABRASIVES

3M



SURFACE CONDITIONING PRODUCTS

Scotch-Brite Surface Conditioning Discs are ideal for cleaning light oxidation & removing gasketing residue in various automotive applications.

2" SCREW ON TYPE - 10 / Pk.

TM-5527 Medium

TM-5528 Coarse

3" SCREW ON TYPE - 10 / Pk.

TM-5531 Medium

TM-5532 Coarse



Bristle Discs are safer & more cost effective. Ideal for removal of gaskets, residual adhesives, rust debris, surface contaminants and form in place compounds.

2" Diameter

• **50 Grit** - Green **TM-18730**

• **80 Grit** - Yellow **TM-18732**

3" Diameter

• **50 Grit** - Green **TM-18734**

• **80 Grit** - Yellow **TM-18736**

• **120 Grit** - White **TM-18737**

• Pack of 3 (one of each above)

TM-3-187



Screw on Disc Holders for above listed surface conditioning and bristle discs.

TM-5539 2" Disc HolderSale

TM-5540 3" Disc HolderSale



36 Grit Green Corps Fibre Discs.

• 3" Diam. **TM-1407**



**Wheel Hub
Resurfacing
Kit** with 5
sanding pads
OTC-8342

OTC

Also Available, Package of 10 pads.
OTC-552948



**Twist-To-Lock
Disc Holders
1/4" Mandrel**



- 2" **SRK-13012**
- 3" **SRK-13013**
- 4" **SRK-343T**



**Surface
Conditioning
Discs with Quick
Change Threads**

Made In USA

2" Diameter - Packs of 25

- Fine (blue)
- Medium (Burgundy)
- Coarse (Brown)

**SRK-624TE
SRK-622TE
SRK-13062**

3" Diameter - Packs of 25

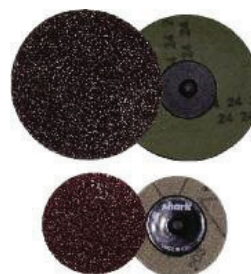
- Fine (blue)
- Medium (Burgundy)
- Coarse (Brown)

**SRK-634TE
SRK-632TE
SRK-630TE**

4" Diameter - Packs of 25

- Medium (Burgundy)
- Coarse (Brown)

**SRK-642TBE
SRK-640TBE**



**Aluminum Oxide
Grinding Discs**

For use with quick
change backing pads.
Laminated for long life.

Made In USA

2" Diameter

- **SRK-13227** (36 Grit) 25/pack
- **SRK-13228** (50 Grit) 25/pack

3" Diameter

- **SRK-13235** (36 Grit) 25/pack
- **SRK-3350GT** (50 Grit) 25/pack



**Made In USA
3" Aluminum Oxide
Resin Bonded Cut-Off
Wheels for steel.**

- Pack of 10
- Pack of 50
- Pack of 100

**SRK-25-10
SRK-25-50
SRK-13215**

ABRASIVES

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



9" Sanding Block

Uses standard 9" x 11" sandpaper cut in thirds. Use with wet or dry sandpaper on flat or curved surfaces.

SG-89810



Boot and Shoe Brush

Made of wood blocks heavy duty steel frame, and heavy poly bristles can be screwed down to any surface

PER-W9451



14" Wood Handle Bench Brush

Has 7" long clearing portion.

PER-W1232



3 Pc Wire Brush Set

Stainless, Galvanized & Brass

PER-W4990

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



Grime Scrub Brush

- Gentle and effective cleaning action.
- Special row of still bristles cleans under fingernails.

SG-17050

Astro



20 Piece Wire Brush Set

Set includes 1 piece brush each in stainless steel, brass and nylon in the following sizes: 1/4", 3/8", 1/2", 5/8", 3/4" and 1". Ideal for auto-repair, polishing, cleaning, etc.

AST-9020

ARSLAN



9" Sanding Block with Clips.

AR-23-8337

Adjustable Sanding Pen

Replaces folded sandpaper. Comes with extra long-lasting refill cartridge inside handle.

AR-25-3437



Astro



"Smart Eraser" Pad

For removing pinstripes, decals, adhesives and double faced tape. (Max. 4,000rpm), 3 1/2".

AST-400E

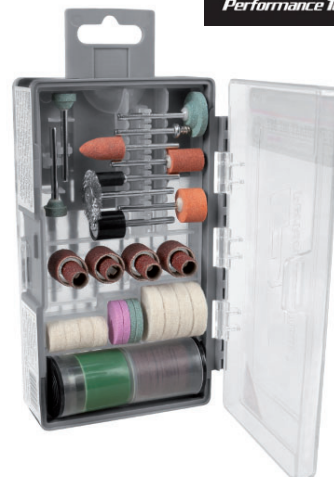
Also available, Smart Eraser 6 pack.
AST-400E6



Aluminum Polishing Kit

With 1/2" shank for use with air drill. Includes white, brown and black emery polishing compounds. Can also be used on brass and copper.

PER-W50090



89 Pc Rotary Bit Set

Everything you need to cut, grind, sand, polish, sharpen and clean.

PER-W9042

TOOL AID
PROFESSIONAL AUTOMOTIVE TOOLS



Arbor for Cut-Off Wheels

With 1/4" & 3/8" center holes.

SG-94950

Astro



Arbor for Smart Eraser Pad

AST-400E-AR

CUTTING DRILLING & EXTRACTING



75 Piece SAE & Metric Self Aligning Tap and Die Drive Set

- 17 SAE alignment dies
- 16 SAE alignment taps with No. 4 to 1/2" thread pitches
- 17 Metric alignment dies
- 16 Metric alignment taps with 3mm to 12mm thread pitches
- Drive tool Set
- All in 5 compact cases

HAN-4935355



29 Piece Cobalt Drill Bit Set Range: 1/16" to 1/2"

- M35 Steel **HAN-3018002**
- M42 Steel **HAN-3018002B**



10 Pc Left-Hand Spiral Extractor & Drill Bit Set

- Designed to remove broken studs, bolts, socket, screws and fittings.
 - Extractors: EX-1, EX-2, EX-3, EX-4, EX-5
 - Drill Bits: 5/64", 7/64", 5/32", 1/4", 19/64"
- HAN-11119**

IRWIN. HANSON.

Cobalt HSS Fractional Straight Shank Jobber Length Drill Bits 135° Point



Item #	Size	Overall Length
3016004	1/16"	1-7/8"
3016005	5/64"	2"
3016006	3/32"	2-1/4"
3016007	7/64"	2-5/8"
3016008	1/8"	2-3/4"
3016009	9/64"	2-7/8"
3016010	5/32"	2"
3016011	11/64"	3-1/4"
3016012	3/16"	3-1/2"
3016013	13/64"	3-5/8"
3016014	7/32"	3-3/4"
3016015	15/64"	3-7/8"
3016016	1/4"	4"
3016017	17/64"	4-1/8"
3016018	9/32"	4-1/4"
3016019	19/64"	4-3/8"
3016020	5/16"	4-1/2"
3016021	21/64"	4-5/8"
3016022	11/32"	4-3/4"
3016023	23/64"	4-7/8"
3016024	3/8"	5"
3016125	25/64"	5-1/8"
3016126	13/32"	5-1/4"
3016127	27/64"	5-3/8"
3016128	7/16"	5-1/2"
3016129	29/64"	5-5/8"
3016130	15/32"	5-3/4"
3016131ZR	31/64"	5-7/8"
3016132	1/2"	6"



2-Piece Adjustable Tap Socket Set in 3/8" Drive

Consists of smaller unit for #6 to 1/4" taps and a second/ larger for 1/4" to 1/2" taps

HAN-3095001

Please see page 36 for lisle tap socket sets.

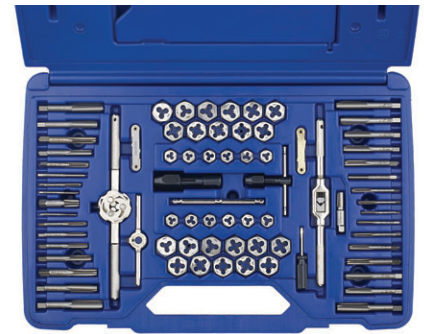


41 Piece Tap & Die /Fractional Set

HAN-24606

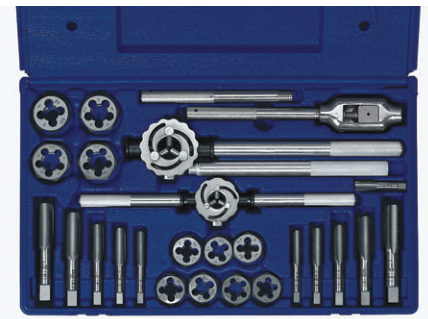
41 Piece Metric Tap & Hex Die Set

HAN-26317



76 Piece Machine Screw/ Fractional/Metric Tap & Hex Die Set

HAN-26376



25 Piece Metric Tap & Hex Die Set

HAN-97311

25 Piece Fractional Tap & Hex Die Set

HAN-97094

CUTTING & DRILL SHARPENERS



Folding Utility Knife

Compact, rugged design
quick-change button for
easy blade change

HAN-2089100



5 Piece Bi-Metal Blue Blade Utility Blades

Welded Bi-Metal for Sharp
edge and flexible body .
Stay sharper 3X longer than
traditional carbon blades.

HAN-2084100



Folding Pocket Utility Knife

- Quick change blade requires no tools
- Folding lock for safety
- Easy carry belt clip
- 5 extra blades in handy dispenser

TTN-11015

(Red)

TTN-11018

(Blue)



Left-Hand Drill Bit Sharpening

Optional chuck accessory for use with
DD500X and DD750X.

Range: 3/32" to 1/2"
DRD-DA02105PF



Knife and Tool Sharpener

Using flexible abrasive belts, this sharpener is able to sharpen
virtually any shape of knife blade including curved knives, tanto
blades, fillet knives, serrated knives, gut hooks and more.
This sharpener is also able to sharpen other common tools
including scissors, axes and hatchets, mower blades, garden
shears, shovels and most any tool with a blade. Features quick
lock belt tensioner.

DRD-WSKTS



HT50

Highest

Tension Hacksaw

- Unique I-Beam construction allows blade to
tension up to 50,000 psi for fast straight cuts
- Store up to 5 - 12" hacksaw blades in the I-Beam
- Accepts any LENOX reciprocating saw blade to
be used as a jab saw
- Rubberized handles
- Includes one 12" (300mm) 24 TPI hacksaw blade

LNX-12132-HT50



10" - 12" Adjustable Hacksaw Frame

Accommodates 10" to 12" blades.

LNX-1805723

12" x 1/2"

Bi-Metal

Hacksaw Blades

24 TPI

- 10 Pack **LNX-20145-V224HE**



METALMAX

Alternative to Abrasive Cut-Off
Wheels with Breakthrough
Diamond Technology for
Extreme Durability



Product Number	Price	Thickness	Arbor	Power	Tool Type
LNX-1972920	\$25.95	4"	.050"	5/8"	Angle Grinder
*optional arbor adjustment :					
LNX-1972921	\$26.95	1 1/4"	.050"	7/8"	Angle Grinder



**Pro Heavy Duty
Hacksaw Features Die
Cast Aluminium handle**

PER-W732



CUTTING DRILLING & EXTRACTING



Drilling Guide System for perfectly centered holes in broken studs. Includes rail, 1/16", 3/32", 1/8" 5/32", drilling guides and 6, 8, 10, 12mm bushings for common stud sizes.

OTC-6982DGS



3 Piece Self Starting Step Drill Bit Set

Includes #1, #2, #3

UB-10502ZR



Hex Head Screw Extractor Sets

- 25 Piece 1/8" to 7/8"

HAN-53227

- 10 Piece 1/8" to 13/32"

HAN-53226

- 15 Piece 1/8" to 9/16"

HAN-53228



Bolt Extractor Sets

- 13 Piece Set. 3/8" Drive.

Range: 1/4" to 3/4"

HAN-54113

4 Piece Straight Flute Extractor Set

Includes ST-2 – ST-5
HAN-53625



5 Piece Straight Flute Extractor Set

Includes ST-1 – ST-5
HAN-53635

6 Piece Straight Flute Extractor Set

Includes ST-1 – ST-6
HAN-53645



3 Pc Titanium Coated Self Starting Step Drill Bit Set

Includes: #1 (1/8" to 1/2"), #2 (3/16" to 1/2"), #3 (1/4" to 3/4")

UB-15502



4 Piece HSS Step Drill Set

Includes #1, #2, #4 & #21 bits.

UB-10225

No. 5M 13 Hole 5mm to 35mm

UB-11105ZR



1T Titanium Coated 1/8" to 1/2" 13 Hole Self Starting Drill Bit UB-15101ZR



20 9/16" to 1" Hole Enlarging Step Drill Bit 1/2" Shank UB-10220



5 Piece Lugnut Specialty Set

Range: 3/4" - 1" in 1/2" Drive.

HAN-54125



5 Piece Sprial Flute Screw Extractor Set

Sizes, 1, 2, 3, 4, 5

HAN-53535



UniBit HSS Fractional Step Drill Bits

Part#	Description	Holes	Special
UB-10231	1/8"-1/2"1/32"Steps	13	
UB-10233	1/4"-3/4"1/16"Steps	9	
UB-10492	3" Ext - 10310		
UB-10310	1/2" Single Hole	1	
UB-10312ZR	3/8" Single Hole	1	

CUTTING DRILLING & EXTRACTING

OTC



Professional Mechanics Collet

A variety of collets are included for common applications, ranging from 6mm to 10mm in size to grasp and remove a number of broken bolts or studs.

OTC-6982PMC

TITAN

3 Piece Damaged Screw Removal Set



- For Phillips, Slotted, Torx and Robertson screws
- Hardened steel bits for secure bite on fasteners
- 1/4" hex shank fits drills, sockets, screwdrivers
- Sizes #1, #2 and #3 screw removers

TTN-11214

TITAN

3/8" Stud Extractor



Fits 1/4" to 1/2" (6-12mm) studs. Ideal for removing stripped, rusted, broken or smooth studs.

Impact gun compatible.

TTN-16023

PT
Performance Tool



3/8" Drive Stud Extractor

For studs ranging 1/4" to 1/2" (6-12mm). Designed to fit into small hard to reach areas.

PER-W83203



Chain Breaker Kit

To break, press and rivet most #25 - #35 and #428 - #630 standard and O-Ring roller chains.

PER-W89100

GW GEARWRENCH



8 Piece Stud Removal Kit in SAE and Metric. Includes 1/4", 5/16", 6mm, 8mm in 3/8" drive plus 7/16", 3/8", 10mm, 12mm in 1/2" drive.

GW-41760D

9CIRCLE



15 pc Screw Extractor Set

With 3 - 14mm Metric and 1/8" to 1/2" SAE sizes.

NCC-90372



8 Pc Torx Extractor Set

S2 Steel material works on female Torx, Torx Plus, Hex, etc. Sizes 3-12mm

NCC-90373

KASTAR
Hand Tools



40 Piece SAE and Metric Thread Restorer Kit

KAS-972

KASTAR
Hand Tools



11 Pc.

Gasket Hole Punch Set

Range 1/4" to 1".

KAS-950

TITAN



Rect Mag Tray

Magnetic Parts Tray (8-7/8" x 2-1/2")

TTN-11195

TITAN



The Rope

3/16" x 50' Rope

TTN-32029

TITAN



Slim Breakaway Knife

TTN-32006

LENOX

IRWIN
TOOLS



17 Piece Contractor's Speed Slot Hole Saw Kit

- Up to 2X life in metal cutting
- Range: 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4"
- Includes Snap-Back 2L (1/2" shank) and Standard 1L (1/2" shank) arbors and 3 pilot bits

LNX-308201200G

CUTTING TOOLS



10" Multi-Purpose Offset Shears

- Stainless steel serrated blade
- Ideal for cutting sheet metal, plastic and leather
- Ergonomic handle • Adjustable range blade

PRI-36-482

8" Multi-Function Scissors

- Stainless steel serrated blade
- Ideal for cutting sheet metal, plastic and leather
- Features a box cutter, wire cutter, nut cutter and jar opener



PRI-36-481



8" Multi-Purpose Straight Shears

- Stainless steel serrated blade
- Ideal for cutting sheet metal and leather
- Lightweight and durable anti-slip handles for a comfortable grip

PRI-36-480



EDGE MULTI 16-in-1 Multi Tool

- USB rechargeable light
- Cutting: Knife, fish scaler and hook remover with 2" rule, wire cutter, saw
- Tools: Phillips screwdriver, large and small slotted screwdrivers, standard pliers, flat nose pliers
- Outdoor tools: Bottle opener, can opener
- Charging lead and nylon pouch included

PRI-36-180



Snap-Off Knife Replacement Blades

- Ultra sharp edge • Black carbon steel
- Carrying case included

Available in:

- 18mm Snap-Off Knife - 10 Pack

PRI-36-218

- 18mm Snap-Off Knife - 50 Pack

PRI-36-219

- 25mm Snap-Off Knife - 10 Pack

PRI-36-220



EDGE GRIP Folding Pocket Knife

- 420 stainless steel blade
- Liner lock • Ergonomic handle
- Thumb Groove for easy opening
- Easy carry pocket clip • Lightweight

PRI-36-511



EDGE MINI Folding Pocket Knife

- 420 stainless steel blade
- Liner lock
- Thumb Groove for easy opening
- Easy carry pocket clip • Lightweight

PRI-36-510



EDGE UTILITY Folding Utility Knife

- SK5 steel blade • Liner lock
- Quick release blade change, one blade included
- Easy carry pocket clip • Lightweight

PRI-36-230

25mm Ultra Sharp Snap-Off Knife with Grip



General purpose professional grade utility knife.

- Designed for heavy duty usage
- Anti slip ABS body with rubber grip handle
- Smooth ratchet wheel lock
- Comes with Primegrip ultra sharp carbon steel blade

PRI-36-202



18mm Ultra Sharp Snap-Off Knife with Grip



General purpose professional grade utility knife.

- Designed for heavy duty usage
- Anti slip ABS body with rubber grip handle
- Smooth ratchet wheel lock
- Comes with Primegrip ultra sharp carbon steel blade

PRI-36-201

18mm Ultra Sharp Snap-Off Knife



General purpose professional grade utility knife.

- Designed for heavy duty usage
- Anti slip ABS body
- Smooth ratchet wheel lock
- Comes with Primegrip ultra sharp carbon steel blade

PRI-36-200



SHOP EQUIPMENT

SUNEX^{HD} - SHOP PRESS LINE



20 to 100 Tons

20 Ton	<ul style="list-style-type: none"> • Manual bottle jack • Air/hydraulic pump 	SX-5720 SX-5720AH
30 Ton	<ul style="list-style-type: none"> • Manual pump 	SX-5730
40 Ton	<ul style="list-style-type: none"> • Air/hydraulic pump 	SX-5740AH
50 Ton	<ul style="list-style-type: none"> • Air/hydraulic pump 	SX-5750AH
100 Ton	<ul style="list-style-type: none"> • Air/hydraulic pump 	SX-57100AH

*Freight Extra on all shop presses

HEIN-WERNER
AUTOMOTIVE



Shop Presses

- Industrial quality made for heavy duty applications
- Multi-position bed for work height adjustment
- Available in air electric or hand operated pumps
- Available in single and double acting models
- Available in 25, 55 and 100 ton models

25 Ton Capacity Shop Press
Maximum work area of 30" x 46".

OTC



Comes with hydraulic hand pump, gauge and 6' hose. Ideal for work on rear axle bearings, piston pins, etc.
OTC-1833

55 Ton and 100 Ton Shop Presses also available.

Branick
INDUSTRIES, Inc.



Made in USA

Strut Spring Compressor



MOPAR
APPROVED



APPROVED
TOOLS & EQUIPMENT



Whether long, short, narrow or angled, the 7600 will get it done!

- Handles Jeep Cherokee Trailhawk, Ford F-150, GM Pickups/SUV's and Toyota RAV-4 without the need for additional adapters.
- Opened-up front for easier access and added longer handles for extra torque.
- Optional benchmount or mobile cart available.

BRA-7600



OTC

Improved!



Strut Tamer II Extreme

With forged locking jaws, large pads and offsets to clamp. Locking trunions for optimal stability.

OTC-6637-ST

Also available without stand.
OTC-6637



Made in
USA

V - Block Pairs for Hydraulic Presses

- | | |
|----------------------|-----------------|
| • 20 ton, 9" long | OTC-1890 |
| • 25 ton, 11.5" long | OTC-1891 |
| • 55 ton, 14" long | OTC-1892 |

LIFTING EQUIPMENT



Service Jacks

- Heavy gauge construction with rugged u-joined release valve
- Metered release system allows for precise load control
- After the first pump reaches the lifting point, the jack continues with extraordinary speed lifting speeds to raise the load to the desired height
- Rolled side frame adds strength/rigidity to reduce twisting

3-1/2 Ton - OM-27035

Min height - 4" Max height - 21-5/8"



10 TON CAPACITY

Service Jacks

- Dual piston action provides speed to contact & power to lift
- Sealed hydraulic unit keeps dirt, moisture & grime out
- Heavy duty cast lift arm for added strength
- Air version uses standard shop air of 110 to 175 psi

Available in:

10 Ton - HW-93660

Min height - 6-3/4" Max height - 25-1/2"

10 Ton w/AIR - HW-93662

Min height - 6-3/4" Max height - 25-1/2"



Low profile

Service Jack 2 Ton

- Extra long low side frames designed for long reach under the car chassis
- Wide stance and low center of gravity provides optimum stability under load stress
- Universal joint release mechanism provides precision control of load descent in any handle position

Min - 4" Max height - 21-5/8"

OM-29023B



Service Jacks, Long Chasis, Limited Life Time Warranty

Available in:

- 5 ton (shown), lift range 6" to 22", 5 1/8" saddle diameter, overall reach 47"

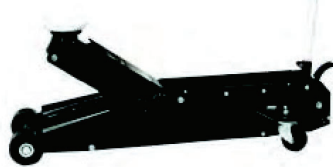
OTC-HDJ5

- 10 ton, lift range 6" to 22", 6" saddle diameter, overall reach 51"

OTC-HDJ10



MAGIC LIFT LONG CHASSIS SERVICE JACKS



Service Jacks

- Heavy gauge, steel frame helps prevent distortion and twisting

Available in:

5 Ton - OM-25057

Min height - 6-1/2" Max height - 22-1/4"

10Ton - OM-25107

Min height - 6-7/8" Max height - 27"



2 & 3 TON CAPACITY



Service Jacks

- Proven design with solid reputation for quality
- Sealed hydraulic to ensure long service life
- Heavy duty cast lift arm for added strength

Available in:

2 Ton - HW-93642

Min height - 4-1/2" Max height - 20-1/4"

3Ton - HW-93652

Min height - 5" Max height - 23-1/2"



4 TON CAPACITY



Service Jacks

- Dual piston action provides speed to contact & power to lift
- Sealed hydraulic unit keeps dirt, moisture & grime out
- Heavy duty cast lift arm for added strength
- Air version uses standard shop air of 110 to 175 psi

Available in:

4 Ton - HW-93657

Min height - 5" Max height - 25-3/4"

4 Ton w/AIR - HW-93667

Min height - 5" Max height - 25-3/4"



Hand operated



Hand Operated Bottle Jacks

- Machined and polished cylinders with die-cut threads
- Overload protection built in as a standard
- Patented by-pass mechanism in all Omega bottle jacks

Available in capacities from 2 to 50 ton:

12 Ton - OM-10125B

Min height - 9-1/2" Max height - 18-5/8"

12 Ton - OM-10129B

Min height - 6" Max height - 10-5/8"

20 Ton - OM-10205B

Min height - 9-1/2" Max height - 18-5/8"

20 Ton - OM-10209B

Min height - 6-1/2" Max height - 11-1/4"



Air operated



Air Operated Bottle Jacks

- All air operated bottle jacks have chrome plated ram for durability
- Effortless air motor operation reduces operator fatigue
- Patented by-pass mechanism in all Omega bottle jacks
- 18126C has external retraction springs

Available in capacities from 12 to 100 ton:

12 Ton - OM-18124C

Min height - 9-1/2" Max height - 18-1/2"

12 Ton - OM-18126C

Min height - 9-5/8" Max height - 18-7/8"

20 Ton - OM-18204C

Min height - 9-3/4" Max height - 18-3/4"

20 Ton - OM-18209C

Min height - 8-1/8" Max height - 15-1/2"



FAST LIFT SERVICE JACK



Fast Lift Service Jack

- Heavy duty, steel construction for long term durability
- Bypass device prevents over pumping
- Built-in internal safety valve ensures safe operation
- Reliable U-joint type release

3-1/2 Ton - BLK-B6350

Min - 4" Max height - 21-5/8"

SHOP EQUIPMENT

AIR OPERATED AXLE JACKS



Air Operated Axle Jacks

- Large wheels for easy positioning and smooth motion
- Sturdy one piece handle assembly is standard
- User friendly, self-returning spring minimizes operators effort, greatly reducing fatigue
- In-line air filter traps contaminants and protects air motor for longer life
- Chrome plated rams

Available up to 100 ton:

22 Ton - OM-23226

Min height - 9.88" Max height - 21-3/4"

35/22 Ton - OM-23227C

Min height - 8-1/4" Max height - 19-5/8"



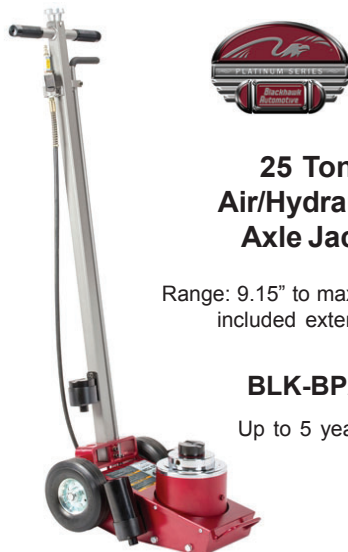
Made
in
USA



10 Ton Combo Air Lift & Support Stand

Range: 18 1/4" - 51 1/4"

OTC-1591B



25 Ton Air/Hydraulic Axle Jack

Range: 9.15" to max 22" using
included extension

BLK-BP225

Up to 5 year warranty



10 Ton Air Jack/Support Stand

- Sturdy one piece handle assembly is standard on all Omega truck jacks
 - Removable handle and 10 foot air hose for safe positioning and operation
- Min - 17-1/2" Max height - 51"

OM-34100



Body Repair Kits

- Custom fitted, rugged blow molded storage case
- Sets are portable for easy in shop or on the road
- Designed for pushing, spreading and pressing of vehicle body panels as well as various component parts

Available in 4 and 10 ton models:

4 Ton - OM-50040

Min height - 10-3/4" Max height - 15-5/8"

10 Ton - OM-50100

Min height - 13-3/4" Max height - 19-3/4"



Air Operated Service Jacks

High speed Air Turbo Motor is equipped to raise the load to the desired height efficiently, effortlessly and safety

Available in:

5 Ton - OM-22051C

Min height - 7" Max height - 27"

10 Ton - OM-22101C

Min height - 7" Max height - 27"

*Freight extra on the above jacks

20 Ton - OM-22201

Min height - 7-1/2" Max height - 26"



Lifetime
Warranty

10 Ton Vehicle Lift System (2PCs)

- For 7 and 8 H.D. tractors with Lifting range 0 - 24"
 - System requires 150 PSI air pressure.
- OTC-1520



30 Ton King Pin Pusher Set Complete with Hydraulics

Accommodates pins from 7/8"-2" and up to 11-1/4" in length

OTC-4240A

SHOP EQUIPMENT

Pairs Of Axle Stands



- 3-Ton-12" to 17 1/2" Range
OTC-S03
- 6-Ton-15 5/8" to 23 1/2" Range
OTC-S06

OTC



3.5 Ton Steel Service Jack

- Safely handles large SUVs and crossovers to 3/4-ton pick-ups
- Rolled edges add strength to resist twisting for larger loads.
- Lifting range 5.2" to 21.9".

OTC-LDJ35



Under Hoist Stands

- Heavy gauge steel frame helps prevent distortion/twisting
- Foot pedal on 31501 allows easy load movement

Available in:

3/4 Ton - OM-31500

Min height - 53-3/4"

Max height - 78-7/8"

3/4 Ton - OM-31501

Min height - 53-3/4"

Max height - 78-7/8"

*Freight extra on the above stands

Omega Lift Warranty

- For a period of one (1) year from date of purchase, SFC companies will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship under normal usage. This limited warranty is a consumer's exclusive remedy.
- Consult the full warranty statement found on the web at: www.omegalift.com



Pin Type Support Stands

- Sturdy, welded steel construction
- Heavy gauge, steel frame helps prevent twisting

Available in:

10 Ton - OM-32105B

Min height - 18-5/8"

Max height - 30-1/2"

10 Ton - OM-32107B

Min height - 28"

Max height - 47"

22 Ton - OM-32225B

Min height - 13-1/3"

Max height - 19-2/3"

**HEIN-WERNER
AUTOMOTIVE**



FORKLIFT STANDS

Forklift Stands

- Multi position ratchet bar provides strength and durability
- Sold and to be used only in pairs

Available in:

7 Ton - HW-93524F

Min height - 12-1/8"

Max height - 19"

25 Ton - HW-93526F

Min height - 16-1/4"

Max height - 25-3/4"

**HEIN-WERNER
AUTOMOTIVE**

Made in **USA**



Forklift Stands

- Multi position ratchet bar provides strength and durability
- Sold and to be used only in pairs

Available in:

3 Ton - HW-93503

Min height - 12-1/8"

Max height - 19"

6 Ton - HW-93506

Min height - 16-1/4"

Max height - 25-3/4"



20 TON TRUCK RAMPS



20 Ton Truck Ramps

- Designed specifically for heavy-duty tasks
- Large wheel designs for extra durability
- Non-skid rubber matting enhances operation safety
- Long retractable T-handle for easy positioning

OM-93200 - 13" wide - 274 lb/pr

OM-93201 - 18" wide - 338 lbs/pr

SHOP EQUIPMENT



Transmission Jacks

- Adjustable saddle for quick adjustment for most configurations
- Turbo air motor on the 41001C model
- Heavy duty casters
- Optional fuel tank adapter available - model 40080

Available in:

1/2 Ton - OM-41001C (Air)
Min height - 36" Max height - 73-1/8"

1/2 Ton - OM-41003 (Manual)
Min height - 37-3/4" Max height - 78-1/8"



1-Ton Capacity Heavy Duty Motor-Rotor Repair Stand

- 50:1 ratio gearbox
- Variety of uses

OTC-1735B



Pair of car dollies

- provides easy movement of FWD vehicles after removal of the drive train. 3600 Lbs capacity per pair

Features

- 5" polypropylene casters

OTC-1572



Fuel Tank Handler/Adapter,

Works with above transmission jacks for safe handling of fuel tanks up to 40 U.S. gallon capacity.

OTC-1758

Made in U.S.A



Trans Case Holding Fixture

This holding fixture has an adjustable design for adapting to multiple transmission case configurations and other components. Safety handles components up to 250 lbs and offers 360-degree rotation with positive stops at 90-degree increments.

OTC-7040



1 Ton capacity Air Operated 2 stage Transmission Jack

Range: 37" to 76".

Features reversible load fingers.

SX-7798



1 Ton Truck Transmission Jack

- Wishbone design made from heavy tubular steel frame
- Adjustable head for pan configurations
- Capable of lifting many brands of transmissions
- Proven, reliable design

HW-93718



Engine Stand

- Constructed of heavy gauge welded square tubular steel
- Casters evenly distribute the weight for ease of movement
- Worm gear assembly on 31256 take work out of rotating engine
- Optional 92510 drip tray available

Available in:

1250 lbs. - OM-31250 (manual)

1250 lbs. - OM-31256 (geared)



3 TON ENGINE STAND

3 Ton Engine Stand

- Complete clearance during 360° rotation
- Long handle provides easy rotation with 95:1 gearing
- Floor lock keeps stand from moving during repairs
- Universal adapter included for use with a wide variety of optional adapters

3 Ton - HW-93776



10 TON CAPACITY



- Adjustable lifting arm can be extended to desired position
- Heavy duty wide base for stability and strength
- Safety latch design, 6 auto lock positions to prevent unintentional load lowering
- Two front-swivel casters and two 12" diameter semi-pneumatic rear tires provide easy maneuvering

Available in:

10 Ton - HW-93690

Min height - 18-1/2" Max height - 50-1/2"

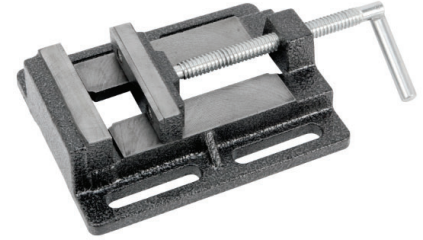
Hein Werner Warranty

- For a period of two (2) years from date of purchase, SFC companies will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship under normal usage. This limited warranty is a consumer's exclusive remedy.
- Consult the full warranty statement

SHOP EQUIPMENT



**Folding Floor
Cranes**
(Some Assembly
Required)



Air Hydraulic Pump 10K PSI

- Foot actuated design for easy control
- Efficiently operates many single acting cylinder jobs
- Reservoir made of durable lightweight corrosion free aluminium
- Operates on standard shop air 110 - 175 psi

OM-22903



Two-Stage, Hand Pump (300/10,000 PSI) for Single Acting Rams

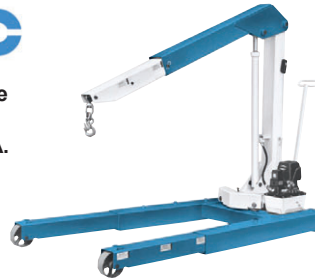
125 c.i. usable reservoir, 3/8" NPTF oil port.

Made in U.S.A

OTC-4016



Made
in
U.S.A.

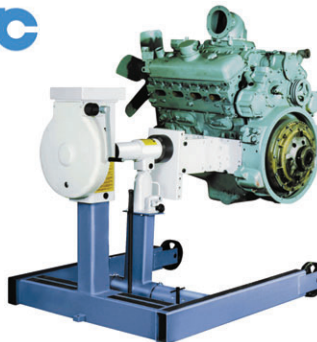


This **6000 lb. Capacity Crane** offers lateral boom movement and adjustable length legs.

- Hand pump
- Electric pump

OTC-1813

OTC-1814



Hollow Centre Hydraulic Rams

Available in:

- 17-1/2 Ton - 2" Stroke (Min. Height 5-1/2", Max Extended 7-1/2")

OTC-4120A

- 30 Ton - 2-1/2" Stroke (Min. Height 7-3/4", Max Extended 10-1/4")

OTC-4121A

- 50 Ton - 3" Stroke (Min. Height 10-1/4", Max Extended 13-1/4")

OTC-4122A

*Freight Extra



Pair of **4,000 Lb Capacity Lifting Brackets**, will take 1/2" diameter bolts.

OTC-7100



Engine Transverse Bar with Support Arm

- Support Arm provides three point support for off-center loads
- Includes 1/8" braided steel cables and 14" adjustable hooks

AST-5820



Mechanic's Vises

- Replaceable hardened steel jaws
- Fused steel handle bends before vise can be overstressed

PART # DESCRIPTION

- REC-6 6" Mechanics Vise
- REC-8 8" Mechanics Vise
- REC-T6D Jaw Plates & Screws For 6" Vise
- REC-T8D Jaw Plates & Screws For 8" Vise
- REC-T6SB Swivel Base For 6" Mechanics Vise

Add New Services • Increase Sales • Enhance Profits



TransTech IV + 2 in 1 ATF Exchange System

- Combines Both Inline & Dipstick capabilities allowing for the two most common methods of ATF exchange from a single machine.
- Inline Exchange - This conventional ATF exchange method provides an effective transmission flush by connecting directly to the transmission cooler lines. Includes foreign and domestic adapters.
- Dipstick Exchange - A convenient dipstick tube exchange for vehicles with difficult ATF cooler line access of corrosion

MOT-500-1125B

BraceVac II Fast and Efficient Brake Bleeding System

- Complete brake system flush in just 10 minutes
- Pressure and vacuum assist ensuring quick operation
- One man operation
- Adjustable pressure regulator controls operating pressure

MOT-500-8100



EVAP Leak Detection System

Ideal for forced
induction gas/
diesel engines

The Cool Smoke HP

Delivers dense smoke across it's entire operating range of 3-60psi. Features 3.5" digital colour LCD display, integrated software and bluetooth capability. Operates on 12V or 24V DC.

MOT-500-0150



Cool Smoke Fluid

200 mL
**MOT-
400-1054**

Universal ATF Protectant

10 Fl.oz.
(296mL)

MOT-400-1030AS



Diff-Vac 1000 Differential and Multi Fluid Exchange System

Air operated with 2 dedicated pumps to avoid cross contamination between used and new fluids. Extract or exchange differential, engine oil, transmission, power steering, coolant and transfer case fluids.

MOT-500-9025

SteerClean 1000 Fast and Efficient Power Steering Exchange Service

- Perform a simple, safe and complete flush and exchange in just minutes
- Efficient process results in a highly profit able, easy add-on service
- Unit services both pump reservoir and remote reservoir systems

MOT-500-7050

Includes 1 Free SCK1000
SteerClean 2-Step Kit!
MOT-400-1045



CoolantClean III Professional Coolant Exchange and Flush Service Center

- Complete coolant exchange in just minutes
- Operates in both static and dynamic mode
- On-board waste tank has a 28 quart capacity
- One Multi-Function Switch

MOT-500-5100P



Includes 1 Free CC2K
CoolantClean 2-Step Kit!
MOT-400-0138



SHOP EQUIPMENT



500 lbs Capacity Shop Stand

Adjustable height of 33" to 44" and width of 15" to 34".

PER-W54024



500 Lbs Capacity 24" x 25" x 31" Multi-Purpose Workbench Table

Top With printed grid, ruler and protractor. Complete with 4 bench dogs for odd shaped pieces. Assembly required.

PER-W54025

TITAN



32oz Spot Spray Non-Aerosol Sprayer

RED TTN-19419
BLUE TTN-19424

- 80-150psi operating pressure (max pressure 200psi)
- Not for use with paint products

REDLINE
DETECTION.COM



Smoke Pro Total-Tech

- OEM approved smoke agent
- Halogen Inspection Light
- EVAP Service Port Tool
- EVAP Schrader Valve Removal Tool
- Exhaust Cone Adapter
- Accessory Case & Training DVD
- Cap Plug Kit

RED-95-0003/C



Heavy Duty Smoke Machine

High pressure (up to 250 PSI) to detect leaks on large volume systems found in heavy duty trucks and turbocharged passenger vehicles. Test entire system from intake to exhaust in one 15 minute test.

BOS-HPT500



Medium and Heavy Duty Truck Accessory Kit for use with BOS-HPT500

Kit includes inspection light and adapters for cooling system, oxygen sensor port, pressure sensor port, power intake, plus block off coupler, etc.

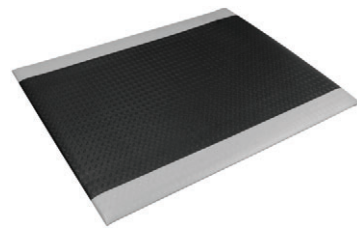
BOS-HPK200



8'x10' Tarp is Water, Mildew, and Tear Resistant

Double reinforced corners rope sewn along edges for added strength

PER-W6004



Heavy Duty Shop Mat, 47" X 35"

Suitable for use on tile, wood, marble and treated concrete surfaces. Made of closed cell vinyl for easy cleaning. Anti-fatigue to alleviate pressure on your feet and knees.

PER-W88983



Ratcheting cargo bar, adjustable from 40" - 70"

Features cushioned rubber end pads to guard against slipping and scratching.

PER-W1447



Adjustable Cable Tie Gun

3/32" to 3/16" capacity, up to 1/16" thick, flush cuts end of cable ties.

PER-W2919



L.E.D. Trailer Alignment Kit

Dual telescoping rods attach to your hitch and coupler. Yellow foam balls for day use, red flashing LED'S for the night.

PER-W1276



Moving Blankets

Available in two sizes:

- **PER-W6045 (80"x72")**
- **PER-W6044 (40"x72")**

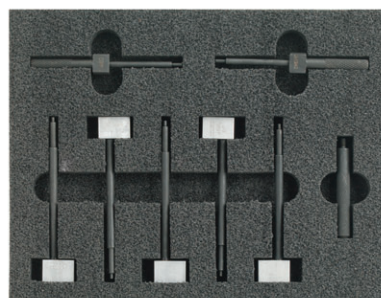
H.D. OTC SHOP EQUIPMENT



Made in Great Britain



Hydraulic Flow Meter, 50 GPM
OTC-4277



Detroit Diesel Injector Height Gauge Set

Used to set Injector Body Height to the injector follower for proper fuel injector timing. For Detroit Diesel two Cycle 71, two cycle 92, series 60 and DDEC IV Engines.
OTC- 5870



Diesel Engine Priming Pump

Provides pressurized diesel fuel to bleed the air from the system thus allowing for immediate proper fuel pressure

OTC-5869



Heavy Duty Engine Compression Gauge, reads to 1150 PSI
OTC-5872



Heavy Duty Power Steering Pump Analyzer

Measure both oil flow (1 to 10 gallons) & up to 3,000 PSI of pressure. Handles Eaton/Vickers, TRW, Ross and Shepard systems.

OTC-5079



Detroit Diesel Fuel System Test Gauge

Used to properly diagnose and repair Fuel Systems on DD 13 and DD 15 Engines. 0-160 PSI Gauge.

OTC- 5868



Hendrickson Rear Suspension Bushing Tool Kit with Air / Hydraulic Pump
OTC-4247



Hendrickson Adapter Kit for Front Suspensions
Add on Kit to OTC-4247
OTC-4250



CREEPERS & SEATS



Padded Creeper 36" x 17" X4"

With powder coated heavy duty tubular steel frame and 2 1/2" swivel casters.

PER-W85004



Plastic Low Profile Creepers

- Body fitting design, 7/8" clearance
- 38" length with 6 pop-in wheels

Red LIS-92102
Yellow LIS-93102
Blue LIS-94102

Padded Creeper with Adjustable Headrest

40" X 17" X 4" with 6 X 2 1/2" swivel casters.

PER-W85005



Large Wheel (4" Diameter) Plastic Creepers



Yellow LIS-93032 **Red** LIS-92032 **Blue** LIS-94032

Has the same body as Low Profile Creepers, but feature a 3 3/4" floor clearance for a smoother ride on cracked and uneven surfaces. Overall height 8 5/8".



40" Creeper with adjustable head rest and 6 x 2 1/2" casters.
SX-8505



SWIVEL TRACTOR SEAT

- Features air cylinder for easy height adjustment
- Max. 300 lbs capacity
- 5 x 3 1/2" casters
- Base can be used as tool tray
- 18" to 22" height range

SX-8514



New Colours! NEON!

Low Profile Plastic Creeper

- Body-fitting design
- 7/8" floor clearance
- Easy to clean surface

Orange LIS-93202
Pink LIS-93602
Green LIS-99102



Fold Up Creeper

- Padded vinyl creeper adds comfort and protection on the job.
 - Works great on off road situations.
 - Dimensions: 18"w x 24"h x 2.5"d
- LIS-95002**



40" Plastic Creeper with Dual Tool Trays

- Ergonomic lightweight HDPE body
- 350 lbs capacity
- 6 oil resistant 3" swivel casters
- Padded head rest
- Easy carry handle

OM-C-6040



2" Pop-In Wheel for Plastic Creepers

LIS-92132



Hanger For Lisle Plastic Creepers
24" wide rail can be mounted to tool box, bench or wall.
LIS-21350

TOOL STORAGE

3 Shelf Utility Cart W/Drawer

PER-W54006



Heavy Duty Adjustable Work Table with Drawer.

220lbs. capacity.
Telescopes from 34" to 47" in height, comes with four 2" castors.

SX-8019



Service Cart with Locking Top and Drawer.

-3" Deep Shelves
-350 lbs. Capacity.

SX-8013A (Red)
SX-8013ABL (Blue)



Your Choice



Pack of 4 16"X22" Trap Mats

Universal tool drawer liners
GW-83370



Made in USA



13 Slot Wrench Racks With Pre-Printed Sizes

- SAE & Metric
HAG-5300 Blue
- SAE Range: 1/4" to 15/16"
HAG-5301 Red
- Metric Range: 6 to 18mm
HAG-5302 Gray



Easy ID Socket Trays

1/4" Dr	SAE	26 slots	HAG-1401
1/4" Dr	Metric	38 slots	HAG-1402
3/8" Dr	SAE	24 slots	HAG-3801
3/8" Dr	Metric	30 slots	HAG-3802
1/2" Dr	SAE	28 slots	HAG-1201
1/2" Dr	Metric	34 slots	HAG-1202



2 Shelf Cart with Locking Drawer

Made of 16 gauge steel construction, 2 locking swivel wheels, 27" wide drawer. Some assembly required.

PER-W54004



15 Slot Wrench Racks

Individual magnet design holds wrenches securely at the centre of the wrench. Made of heavy duty anodized aluminum with magnetic end caps that adhere to steel surfaces.

- EZ-WR1500B (Blue)
- EZ-WR1500G (Green)
- EZ-WR1500 (Red)



18 Compartment Storage Bin

Can also be mounted to peg board. Bins are 4 1/8" wide, 7 1/2" deep.

PER-W5170



Tool Caddy

High impact plastic construction, firm grip handle prevents tray from accidentally rotating in your hand. Dimensions: 16" x 12".

AFH-T4802

Universal Wrench Rack

13 slot, comes with 2 sets of peel-off numbers. One Metric 6-20mm & one SAE 1/8" through 1"

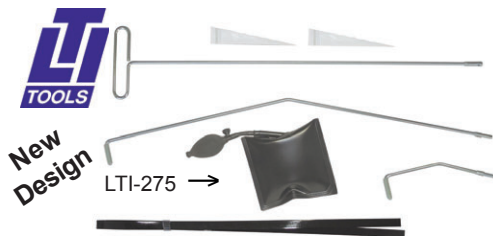
HAG-3500

Gray



Quality Made in USA socket clips (16) - 17" Bar.

- 1/4" **UL-25**
- 3/8" **UL-35**
- 1/2" **UL-50**
- All 3 UL-1730**



Quick Connect Lock Out Kit

Snap and lock design - will not come apart during use. Kit also includes Plastic Slip Jim, two Plastic Door Wedges & Inflate-A-Wedge.

LTI-146



Face Shield with Clear Lams

Ergonomic design for protection and comfort with ratcheting headgear mechanism

SP-UVXS8500



24" XL Kneeling Pad

Includes magnetic parts tray

GW-86996



12" X 20" Kneeling Mat 1" thick cushion, flame resistant PVC foam.

MV-5910



ShockLock Safety Strut Clamp

- Safety tool for failed gas struts
- Holds over 110 lbs for superior durability
- Adjustable for different size struts

SGT-SLHD



Supreme Master Automotive Lock Out Kit

18 piece kit is the ultimate product available to handle emergency lock out situations. Includes the Inflate-A-Wedge, a fully illustrated manual and a blow molded case.

LTI-1000



Uvex ExtremePro™

- MoistureWick™ brow absorbs and wicks away perspiration
- Uvextreme® Plus anti-fog
- FlexFit™ bendable temples
- Ratcheting temples Espresso Lens
- GripClick™ frame width adjustment ensures a comfortable fit
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards



• SP-SX0301XP Black & Gray/Espresso

SP-S505D Snap-Fit Neck Cord (Black)

Genesis®

- Wrap around lens provides uncompromised peripheral vision and protection
- Soft elastomer browguard diffuses and deflects impact Clear Lens
- Adjustable temple length and lens inclination
- Meets military V0 ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards
- Made in USA, mirror lenses made in China



SP-S3201 Black/Espresso

SP-S3202 Black/Amber



2" x 16' Black and Yellow Grip Tape

Textured anti-slip surface for added safety. HI-VIS safety pattern is great for areas that need added warnings about risks of slipping. Peel away backing and non-residue clean up. Cut to desired length.

PER-W514

Warning Triangle for Roadside Emergencies

Almost 3 lb weight for stability in windy conditions. Measures 17 1/2" wide and 17.2" tall.

PER-W1499



Honeywell

Complete Face Shield Clear Propionate Visor

Designed with a chemical splash drip edge to prevent fluids from splashing into the visor

SP-WP11340143



Lock De-Icer

- Heating pick that thaws locks in seconds
- Integrated LED for use in low light
- 2 AAA batteries (included)
- LED power indicator and keyring

PER-W9195

GW GEARWRENCH®

10 Pc. Tethering Kit

• Lets you create a tether point on up to 8 separate tools.

• Consists of 8-3 1/4" D-Ring web tethers, a 10 lb single carabiner lanyard and a 12' roll of self sealing tether tape.

GW-88701



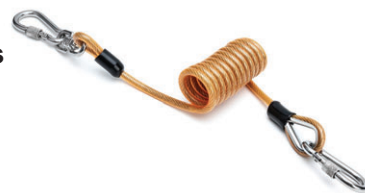
Coiled Cable Lanyards Available In

• 2 lb limit (19" to 51" length)

GW-88775

• 5 lb limit (19" to 59" length)

GW-88776



emzone

Blaze Pro Wasp and Hornet Defence

• Strong spray reaches up to 20' above ground

Size: 500g

EM-99803



emzone

Signal Air Horn

Ideal for:

- Industrial / Construction sites
- Sports events
- Boats & Watercraft
- Outdoor activities

Size: 156 g / 5.5 oz

EM-46400



NEW



Arm Glove Total Hand and Arm Burn Protection

Heat resistant Kevlar® protects hands and arms from hot surfaces. Enables work on hot engines and exhaust systems without waiting. Works on both right and left hands. The glove portion is coated with a vinyl tread for greater gripping power. Extends to 24". Washable.

LIS-21260



COMBAT Insect Repellent

• 30% DEET

Size: 200g / 7 oz

EM-90300



SUPRENO SE BLUE

Powder-Free Nitrile Examination gloves

Thickness (mils)

Cuff: 4.3

Palm: 5.5

Finger: 7.9

Item numbers :

Medium: **MIC-SU690M**

Large: **MIC-SU690L**

X-Large: **MIC-SU690XL**

(100 gloves per box)



Subject to availability

MIDNIGHT

Natural Powder-Free Nitrile Examination gloves

Thickness (mils)

Cuff: 3.1

Palm: 4.7

Finger: 5.5

Item numbers :

Medium: **MIC-MK296M**

Large: **MIC-MK296L**

X-Large: **MIC-MK296XL**

(100 gloves per box)



DIAMOND GRIP

Natural Powder-Free Latex Examination gloves

Thickness (mils)

Cuff: 5.1

Palm: 6.3

Finger: 9.1

Item numbers :

Medium: **MIC-MF300M**

Large: **MIC-MF300L**

X-Large: **MIC-MF300XL**

(100 gloves per box)



Subject to availability

SAFEGRIP

Blue Powder-Free Latex Examination Gloves

Thickness (mils)

Cuff: 7.9

Palm: 11.4

Finger: 16.5

Item numbers :

Medium: **MIC-SG375M**

Large: **MIC-SG375L**

X-Large: **MIC-SG375XL**

(50 gloves per box)



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CHEMICALS

Lubricants ♦ Cleaners ♦ Detailing ♦ Coatings



Automotive Products

Part Number	Description	Size
EM-45001	Heavy Duty Engine Shampoo	475 g / 16.7 oz
EM-45002	Penetrating Lubricant	400 g / 14 oz
EM-45004	Brake Cleaner (Non-Chlorinated)	390 g / 13.8 oz
EM-45046	BIG Can Brake Cleaner (Non-Chlorinated)	482 g / 17 oz
EM-45006	Heavy Duty Silicone	300 g / 10.6 oz
EM-45007	White Lithium Grease	400 g / 14 oz
EM-45008	Gravel Guard	446 g / 15.7 oz
EM-45009	Air Intake Carb and Choke Cleaner	418 g / 14.75 oz
EM-45021	Corrosion Inhibitor, Lubricant	400 g / 14 oz
EM-45024	Tech Lube	320 g / 11.25 oz
EM-45025	Pro-Tex No Drip Oil	400 g / 14 oz
EM-45028	Penetrating Foam	445 g / 15.7 oz
EM-44210	Odor Stop (Neutralizer) - Vanilla	156 g / 5.5 oz
EM-44211	Odor Stop (Neutralizer) - Fresh Linen	156 g / 5.5 oz
EM-44212	Odor Stop (Neutralizer) - Citrus Lime	156 g / 5.5 oz
EM-44213	Odor Stop (Neutralizer) - New Car	156 g / 5.5 oz



18.9 L Brake & Parts Cleaner Pail (Non-Chlorinated)

- Pail with pull-up spout
EM-44140
- Pail threaded for spigot
EM-44141
- Aeroflow spigot / tap
EM-32339



Appearance Products

Part Number	Description	Size
EM-44003	Glass Cleaner Ammonia Fortified	517 g / 18.2 oz
EM-44005	Glass Cleaner	517 g / 18.25 oz
EM-44016	Carpet & Upholstery Foam Cleaner	500 g / 18 oz
EM-44018	Tire Shine Foam	500 g / 18 oz
EM-44019	Ultimate Shine	400 g / 14 oz
EM-44033	Rim Protector	227 g / 8 oz
EM-44034	Rim Cleaner	650 ml / 22 fl oz
EM-44035	Bug & Tar Remover	487 g / 17.2 oz
EM-44038	Waterless Wash and Wax	496 g / 17.5 oz
EM-44039	Salt and Stain Remover	425 g / 15 oz
EM-44061	Leather Cleaner & Conditioner	375 ml / 12.7 fl oz



Air Duster

Ideal for:

- Dashboards
- Electronics
- Office equipment
- Hard to reach areas

EM-47020 284 g / 10 oz

Please note some Emzone products are sold by case quantity only. Please check with your Dealer.



**Heavy Duty
Pistol Grip
Grease Gun** with
18" whip hose &
rigid 6" tip.
LIN-1134



Heavy Duty Lever Grease Gun.
LIN-1142

**Fully
Automatic
Pneumatic
Grease Gun**

Features variable speed trigger, plate steel barrel with flip-over follower for bulk or cartridge, comfortable grip handle and comes complete with 30" high pressure hose.

LIN-1162



**40:1
Pump
Ratio**

FREE LIN-1871
Li-Ion Battery with
purchase of **LIN-1888**



20V Li-Ion 2 Battery PowerLuber Kit

- Built-in LED work light
 - High-torque motor delivers grease at up to 10,000 psi
 - Battery fuel gauge
 - Includes 2 extra grease couplers (5852)
 - 48" HD high capacity hose with coupler
- Output: 3.5 oz/min in Low setting
10.0 oz/min in High setting

LIN-1888B

LINCOLN



LIN-3601

**Get a FREE
LIN-1142
with the
purchase
of a
LIN-3601.**

**Pressurized 18
Gallon Tank
Waste Oil Drain.**

Uses shop air. All steel construction. 14" telescoping bowl with height range of 45" to 72". Ideal for motor oil, transmission and power steering fluid.

FREE LIN-1871
Li-Ion Battery with
purchase of **LIN-1884**



**20V Li-Ion PowerLuber Grease
Gun Kit**

- Includes 2 batteries, charger and case
- High-Torque powerhead delivers grease at up to 10,000 psi
- Multi-function LCD display shows grease output, battery level, blocked fitting and loss of prime
- 36" Flex hose

LIN-1884B



**8.8 L
Air Operated
Fluid
Evacuator**

Includes Brake Bleeding
Kit

MV-7300

**Air Hose Reels
Value Series**



- 50' H.D. rubber hose and ball stop
- Mounting base for easy attachment to ceiling, wall or work bench
- 3/8" air hose with 1/4" NPT fitting
LIN-83753
- 1/2" air hose with 1/2" NPT fitting
LIN-83754

mityvac®



**FREE
MVA-6851
with
purchase
of
MV-6840**

**Professional Hydraulic Brake
and Clutch Bleeding System**

- Large 5 liter fluid capacity
- Includes 7 master cylinder adapters to connect to most American, Asian, European cars and light trucks
- Pressure gauge on dispenser to control system pressure

MV-6840

mityvac®



**7.3 Liter
Manual Pump
Style Fluid
Evacuator**

MV-7400



**8.8 Liter
Reservoir
Evacuator &
Dispenser**

MV-7201