

PTEN

PROFESSIONAL **TOOL & EQUIPMENT** NEWS

\$15.00 • July 2023
Volume 34, Number 6

ENDEAVOR
BUSINESS MEDIA



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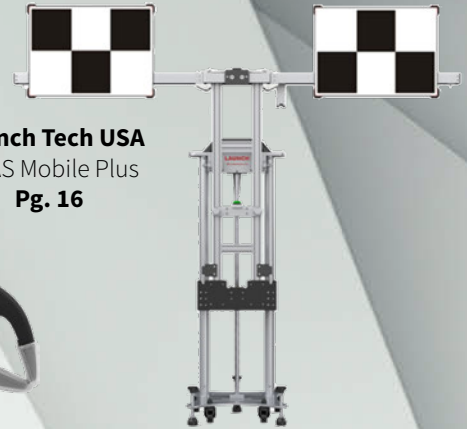
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2023 **PRODUCT SHOWCASE**

210+ **PRODUCTS**
IN EIGHT CATEGORIES



NEW

TAPS & DIES



PERFORMANCE DESIGNED
MAXIMUM LEVERAGE and CONTROL

ERGONOMIC GRIP
ULTIMATE USER COMFORT

HEX-LOK™ 2-IN-1 HANDLE

THE MOST VERSATILE THREADING SOLUTION

COMPATIBLE WITH



1" HEX DIES
FOR EXTERNAL THREADS



TAP COLLET
FOR INTERNAL THREADS



MILWAUKEE® Taps and Dies are precision machined for creating or repairing clean, accurate threads, and feature long-lasting laser etched markings. The HEX-LOK™ 2-in-1 Handle combines the benefit of both internal and external threading within one handle by its compatibility with both 1" Hex Dies and the MILWAUKEE® Tap Collet. The all-metal construction allows for tool-free hex die and tap collet changes and is optimized for maximum balance and control when threading. The MILWAUKEE® HEX-LOK™ 2-in-1 Handle is designed to be the most versatile threading solution in common metal applications, such as brass, aluminum, mild steel, and more. MILWAUKEE® Taps and Dies give users the ability to shop a wide range of products including plug taps, taper taps, hex dies, and threading accessories.



38 PC
Metric Tap and Die
PACKOUT™ Set
w/ HEX-LOK™
2-in-1 Handle
49-22-5603

Tap & Die Sizes:
M3-0.50 mm up to
M12-1.50 mm



38 PC
SAE Tap and Die
PACKOUT™ Set
w/ HEX-LOK™
2-in-1 Handle
49-22-5604

Tap & Dies Sizes:
4-40 NC up to
1/2"-20 NF



15 PC
SAE Tap and Die
Set w/ HEX-LOK™
2-in-1 Handle
49-22-5602

Tap & Die Sizes:
1/4"-20 NC up to
1/2"-13 NC
Drill Bits:
#7 up to 27/64"



17 PC
SAE
Tap and Die Set
49-22-5600

Tap & Die Sizes:
6-32 NC up to
1/4"-20 NC
Drill Bits:
#36 up to #7



17 PC
Metric
Tap and Die Set
49-22-5601

Tap & Die Sizes:
M3-0.50 mm up to
M7-1.00 mm
Drill Bits:
2.5 mm up to 15/64"

milwaukeetool.com

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A guide to faster repairs!



KAYLA NADLER
ASSOCIATE EDITOR
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Everybody loves a new tool. Whether it's a basic hand tool that offers a better grip or a high-tech scan tool that offers the latest protocols. As vehicles and technologies keep advancing at the fast pace they are going, keeping up to date on the latest tooling is not only imperative when it comes to completing the repair at hand but also doing so in a timely fashion.

We know you're busy and most likely short staffed, so rest assured we have you covered. Our annual July issue is special, it's our Product Showcase. It's packed full of recently released tools and equipment, sorted into eight categories.

Think of it as your guide to faster repairs. Having the right tools makes all the difference. Perhaps there's a tool that you didn't even know about! ☒

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PRODUCT

1000+ HOURS OF RUNTIME, EASY FIELD REPAIRABILITY

The **Master Proheat A-Series**

Heat Guns set a new standard for reliability and ease of field repairability. Engineered by the heat

tool experts at Master's headquarters in Racine, Wisconsin USA, the Proheat heat guns are designed to stand up to the test of heavy day-to-day use. This new optimized design features improved motor life to 1000+ hours of runtime, an easy to replace plug-in heating element and cordset, and a new user-friendly trigger switch. Master offers a full selection of replacement parts that can be easily swapped by the user in the field or send the heat gun into Master's repair department to be refurbished like new.

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MASTER
HEAT TOOLS

Master Appliance
800-558-9413
masterappliance.com

SPONSORED



ABLE TO SAVE AND RECALL FAVORITE WELD SETTINGS

The **Miller Electric Dynasty 300 Multiprocess Wireless Foot Control Complete** features AC/DC TIG, pulsed TIG, stick, air carbon arc, MIG, and flux-cored processes. With its intuitive interface LCD display, weld operators can quickly and easily adjust parameters. The welder has the ability to save and recall favorite weld settings, and offers locks and limits to provide control of the weld parameter ranges minimizing deviations from the welding procedure specifications (WPS). For portability and reliability, the inverter power supply allows for any single-phase input voltage hookup (208–600V) with no manual linking. It also includes a USB port to easily update software, a high-frequency arc starter for non-contact arc initiation, and an on-demand cooling system.

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EASY TO IDENTIFY

The **Polyvance Plastic Welding Rod Assortment with Organizer Case (Tier 3)**, No. 5003-05, includes less-often-used, but important-to-have plastic welding rods. The organizer case is labeled in order to make it easier to identify the plastic welding rods and more convenient when it's time to reorder. This case includes 15 pieces of R08-01-XX-NT - PPE+PS (1/8" diameter, black), 10 pieces of R15-01-XX-BK - PA+PPE (GTX) (1/8" diameter, black), 10 pieces of R15-04-XX-BK - PA+PPE (GTX) (3/8" X 1/16", black), 10 pieces of R18-02-XX-BK - PP+GF15 (3/16" diameter, black), 10 pieces of R18-04-XX-BK - PP+GF15 (3/8" X 1/16", black), 15 pieces of R21-04-XX-BK - PA+GF15 (Nylon) (3/8" X 1/16", black), 15 pieces of R22-01-XX-BK - PPX (PPE+PP+GF30) (1/8" diameter, black).

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FEATURES A PULLING FORCE OF 3,579 LBS

The **Marson BT-8 Battery-Powered Rivet Nut Installation Tool** from **Howmet Fastening Systems** is designed to deliver reliable pull-force for high-volume assembly applications. Engineered for versatility and extensive use, the tool is lightweight, has an ergonomic grip and built-in LED, offers ideal balance, and has a recharge time of approximately 45 minutes. The tool has a stroke length of 0.25" and a pulling force of 3,579 lbs. The BT-8 kit includes one tool with battery, battery charger, and carrying case.

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IDEAL FOR ALL PAINT TYPES

The **Wizards Products Select Pro System Line** is designed for the professional body shop. The line is ideal for all paint types and clears, fresh or aged, and is easy to clean up. The Extra Cut rubbing compound is Wizards most aggressive compound. It removes P1200 and finer sandscratches. The Cut and Polish machine polish removes compound swirl marks and produces a high gloss finish while the Ultra Fine machine finish removes fine swirls and shows quality gloss on black.

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AUTEL MAXISYS

BRING YOUR BAY

TO THE MAX

ADAS BAY MAX LIFT



Designed specially for ADAS calibration, while providing safer and more efficient mechanical repair and wheel alignment in a single standard bay space.



ALL SYSTEMS
ADAS CALIBRATION

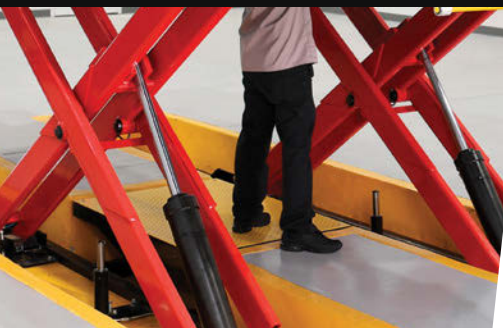


MECHANICAL
REPAIR



WHEEL
ALIGNMENT

TURN A SINGLE BAY INTO A MAXIMIZED PROFIT CENTER



PREMIUM LIFT FEATURES

The innovative table riser, rolling jacking beams, stainless steel radius plates, runway air inflation, and LED undercarriage lighting are all standard.



DRIVE ON/OFF AND IN ANY DIRECTION

Front and rear open runways paired with the unique flush-mount H shape configuration increases floor space, allowing for all systems ADAS calibration.



IA900 + MSULTRA

A single system complete diagnostics, alignment, and ADAS workflow. One Maximized Bay.

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AUTEL ACADEMY TECHNICAL TRAINING

Visit autel.com/us/academy and register today for our onsite 2-day hands on ADAS Calibration Course.

AUTEL®

AUTEL.COM | FOLLOW US @AUTELTOOLS

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PRODUCT

LITHIUM-POWERED, PORTABLE WELDER

The **Vanair EPEQ WELDER140** is a portable 140A, CC stick welder that offers the flexibility of a lithium-powered battery with hot start for easier welding, which is capable of welding 12-15 electrodes at full charge. It has two charge modes: 1.5 hour fast charge and 3-4 hours standard charge. The entire lightweight, 34 lb welder and cables can be carried for light and fast repair jobs in the field.

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Vanair Manufacturing
1-800-526-8817
vanair.com

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OFFERS UP TO 9-TONS OF FORCE

The new **H&S Autoshot UNI-6800 SPR-Pro Self-Piercing Riveter System** is a powerful handheld, cordless self-piercing riveter with 9-tons of pressure that is user adjustable down to four. This unit sets self-piercing, solid, and blind rivets with an LCD display to confirm actual rivet pressure as well as battery cycles and life. The SPR-Pro comes with exclusive "click-in" solid post dies (i.e. no threads) designed for high pressure setting without breakage. System includes a larger 5" extension arm as standard (required for Ford F-150 bedside), a 16-pc punch and die kit, two Makita style batteries, a charger, and a 300-pc assorted rivet kit in an ABS carrying case with high-density foam component cut-outs. Optional blind rivet adapter with four collet sizes.

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H&S Autoshot
980-500-1015
hsautoshot.com

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STURDY BASE FOR HANDSFREE USE

The **Solder-It Butane Blow Torch Kit with 2 Nozzles**, No. PT-620CR, has an adjustable airflow that produces a soft and solid flame. The torch features a base designed for handsfree use. Included with the torch are a webbed and pinpoint flame nozzle to allow users to handle various projects. At its mid-setting, the torch is designed to deliver 45 minutes of continuous burn time on a full tank. With a water-resistant Piezo electronic ignition system, this tool is designed to be operational for outdoor use.

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COMES IN TWO SIZES

The **Portasol-Patch** from **Portasol** is an instant, multi-purpose repair patch available in two sizes: 3" by 6" and 6" by 9". It's easy to use, is self-adhesive, and is a long-lasting solution for a wide variety of applications, including automotive repairs from bumpers, radiators, exhaust leaks, fuel tanks and lines, headlights, and more. The Portasol-Patch is a durable fiberglass-reinforced polyester that can be sanded, grinded, drilled, tapped, and painted. It's waterproof, weather-proof, rot, rust, fire and impact-proof, while also being chemical and temperature resistant from -40 to 392 degrees F. The non-toxic patch will work on almost any hard surface and will not shrink or expand during application, or when cured.

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BONDS TO MOST SURFACES

The **RapidFix Extreme Bond Molding Tape** is an acrylic dual-sided tape system. The durable tape bonds to most surfaces and can withstand extreme temperature fluctuations and weathering. Automotive uses include attaching trim, window muntin bars, body side moldings, rocker panels, emblems, and cladding. The tape's strong adhesive can also be used to pull dents, patch holes, and make minor automotive repairs.

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AVAILABLE IN 110V AND 220V

The **Killer Tools Deluxe Steel Dent Puller with Ergonomically Designed Seated Cart**, Nos. ART38Special-110DX and ART38Special-220DX, are designed to put the technician in the ideal position to repair the majority of dents. The deluxe unit adds two seat level storage trays, lever pulling, and weld key pulling capabilities to the company's original steel dent pullers. The deluxe dent pullers are available in 110V and 220V, and come with a voltage conversion kit to fit the requirements of the user. Complete with steel electrode dent puller, seated cart, two storage trays, lever puller + electrodes, slide hammer + electrodes, shrinking/wiggle wire electrode, wiggle wire, key weld electrode, weld keys and key bar, and pulling claw. Made in the U.S.A. **Circle 13 on card or click "PTEN e-inquiry" on VehicleServicePros.com**

CLOSELY MIMICS NATURAL SUNLIGHT

The **NextLED Professional LED Color Matching Light**, No. NT-2040B-3, is ideal for color matching and spotting body flaws. With a CRI rating of 96+, it closely mimics natural sunlight, allowing users to precisely match paint colors and assisting in finding paint flaws before and after painting. It features three different color temperatures: 2700k, 4500k, and 6500k. Additionally, a mounting charging station, a hanging hook, and a built-in magnet are included.



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CORDLESS GRINDING TOOL

Mirka's versatile **ANGOS ARG-B-200** is ideal for grinding and sanding metal, cleaning after welding, surface conditioning, cutting and deburring, and paint removal. Fit it with abrasive brushes, quick lock discs, hard metal burrs, or cut-off wheels to work in places where bigger tools can't reach. The ergonomic design balances the tool, and the variable speed control gives users optimal control while working.

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Mirka USA
800-843-3904
mirka.com/en-US/mirka-angos/

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STICK/TIG PLASMA CUTTER

The **Forney Flex 30 Plasma ST** provides the ability to plasma cut, stick weld, and DC TIG weld up to 3/8" thick material - all with one machine! The powerful Flex 30 features dual-voltage input power (120V/240V), inverter technology, and is generator-friendly. It's ideal for use on mild steel, stainless steel, aluminum, and copper. This machine is great for DIY projects, farm and ranch, maintenance and repair, and light industrial work.

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Forney Industries
1-800-521-6038
forneyind.com

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FAST-DRYING AND PAINTABLE

The **Bulldog Multi-Bond Adhesive** from **Klean-Strip** is a multi-surface adhesive that provides a strong, flexible bond for various jobs around the shop. Bulldog's precision applicator lays down professional grade adhesive that grips, creating a permanent bond on virtually any surface. Bulldog can be used for repairs including attaching accessories, seam sealing, and minor crack repair on metal, fiberglass, and plastic surfaces. The adhesive is fast drying and paintable. It doesn't contain solvents and is non-flammable.

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FEATURED
PRODUCT

BATTERY POWERED SPOT REPAIR TOOLS

Mirka Spot Repair Sanders are small, ergonomic, and ideal for professionals who appreciate high-quality and low maintenance. These sanders are ideal for denibbing and fine finishing applications and are available in both random orbital (AROS150-B featuring 5mm orbit) and orbital (AOS130-B featuring 3mm orbit). The 10.8V Li-ion battery lasts up to 16 hours, with two batteries there is no downtime. Use with Mirka Iridium SR Spot Repair Discs, available in 3, 5 and 7 micron.

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MIRKA

Mirka USA
800-843-3904
mirka.com/en-US/iridium-sr/

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AVAILABLE IN 18" AND 13" SIZES



The Milwaukee Tool M12 FUEL Bandfiles, Nos. 2482-20 and 2483-20, are available in both 18" and 13" sizes, and are designed to deliver fast spot removal. The bandfiles feature two speed adjustment settings (high 3,600 sfm and low 1,800 sfm), a lock-on button, a variable speed trigger, forward and reverse functionality, and are resistant to belt slip. Both are also equipped with a 360-degree tool-free arm rotation to improve access in hard-to-reach applications. When equipped with an M12 Redlithium XC 4.0 battery, users can remove up to 50 spot welds using the 18" bandfile and up to 40 spot welds with the 13" bandfile on a single charge.

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HAS A DUTY CYCLE OF 175 AT 30 PERCENT

The **Lincoln Electric POWER MIG 211i MIG Welder** is a 200A machine ideal for MIG, flux-cored, and spool gun welding. The unit weighs 41 lbs and is portable thanks to its sleek design with multiple lift points and inverter technology. With its seven-segment display and basic knob controls, users can weld quickly in a simple three-step process: Select welding process, select wire diameter, and select material thickness. The machine then takes it from there, automatically providing the optimal voltage and wire feed speed settings. The POWER MIG 211i has a duty cycle of 175 at 30 percent and can operate on 120V or 230V input voltage. Various accessories included.

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DOUBLE-STITCHED SEAMS

The **MIG Welding Gloves** from **Mac Tools** feature double-stitched seam for additional strength and a reinforced palm pattern. Made with premium leather, the gloves provide increased dexterity. The MIG Welding Gloves also have a ribbed sure-fit cuff and are available in sizes from medium to XXL.

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PRODUCT

ALLOWS QUICK AND EASY BELT CHANGES

The **AIRCAT .6 HP 1/2" x 18" Composite Belt Sander**, No. 6325, at 1.8 lbs provides a high quality, low weight, and durable design. The powerful .6hp motor eliminates stalls, and the self-locking arm allows for quick and easy belt changes. A built-in air regulator allows for speed adjustments and the quick-release locking lever allows user to rotate the sanding arm 360 degrees. At 18,000 rpm, this tool makes quick work of any job.

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AIRCAT

PNEUMATIC TOOLS®

AIRCAT by Florida Pneumatic
561-744-9500
aircat.com

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EQUIPPED WITH BOTH COLD AND HOT GLUE PULLING OPTIONS

The **Dent Fix Equipment GLUEMAX Glue Repair Station**, No. DF-GM/DXE, is a pulling station equipped with both cold and hot glue pulling options to repair damage in automotive steel and aluminum panels while preserving OEM coatings and interior integrity. The station can be used for application from heavy duty glue GPR pulls to cosmetic PDR corrections. With an enclosed and lock-able cart, the GLUEMAX Glue Repair Station protects its tools from the shop environment.

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NOW HAVE SPECIFIC COLOR CASES

The updated **Tool Aid Body Hammer Repair Kits**, Nos. 89450 and 89470, now have specific color cases for less chance of cross contamination. The hammers and dollies are the same, but it is now easier to categorize with the colored storage cases. Additionally, the hammers and dollies within the 9-pc Aluminum Body Repair Kit, No.89450, were red but are now metallic. Red bands have been added to the hammer and spoon handles, and red stickers have been applied to the dollies. The hammers and dollies within the 9-pc Body Repair Kit, No. 89470, were blue but are now black. Blue bands and stickers have been added as well, similar to 89450.

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FEATURED PRODUCT

SLEEK AND LIGHTWEIGHT

The **Dynabrade Renny Doyle Series DB8 Geared Dual Action Polisher** is the new premier polisher for the detailing market. It's a collaboration of Dynabrade and Renny Doyle, a master level detailer, known as the official Detailer of Air Force One. The result is a polisher that has been innovatively designed and ergonomically engineered to deliver stability and comfort for the operator, as well as best-in-class in performance. Sleek and lightweight, this tool is precision balanced for superior control, delivering high-quality show-room finishes every time.

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Dynabrade
800-828-7333
dynabrade.com

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SPR-Pro™ Self Piercing Riveter



- ✓ Rivets panels adjustable pressure setting 4-9 tons with LCD display for data log
- ✓ Self-piercing, flow-form & solid rivets/flattening, hole punching & extraction
- ✓ Optional blind rivet adaptor and small & large extension arms



Watch Video

HSAUTOSHOT.COM



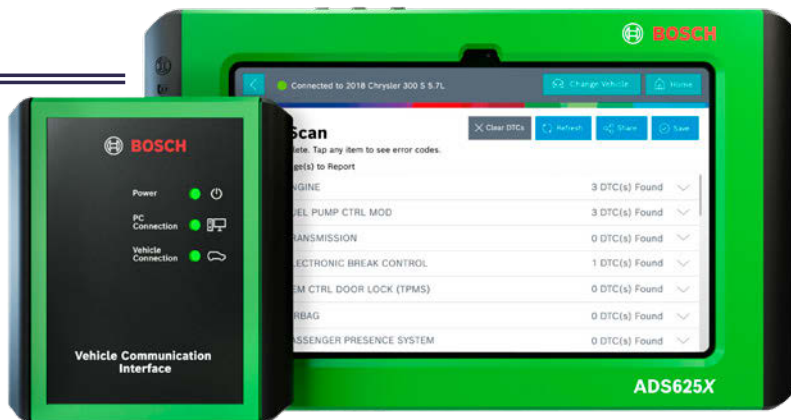
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OFFERS FAST ALL-SYSTEM SCANS, INDUSTRY-LEADING VEHICLE COVERAGE

The **Bosch ADS 625X Diagnostic Tool** is a next-generation scan tool with flexible software subscriptions, OEM-approved secure vehicle access, and leading OE-level vehicle coverage for domestic, Asian, and European vehicles as far back as 1976. The ADS 625X supports complete diagnostic solutions like Auto ID, read/clear DTCs and DTC types from all controllers, data PIDS, bidirectional controls, calibrations, resets, and relearns. The ADS 625X comes with a free one-year software subscription with upgrade options, built-in Wi-Fi, weeks of battery life, and all-system DTC scans with the fastest times. Its interface features standardized navigation and consistent information flow across every make and model for a streamlined and easy-to-use experience.



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BOSCH

Bosch
855-267-2483
boschdiagnostics.com

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PRODUCES SMOKE WITHOUT HEAT

The **MotorVac Technologies CoolSmoke Multi-Pressure Diagnostic System** is designed to assist with all types of automotive repairs, including wind/water, vacuum, exhaust, and EVAP system leaks down to 0.5 psi. The high-pressure setting allows up to 60 psi for work on diesel applications and other systems that require increased pressures for proper testing. The patented MotorVac CoolSmoke technology produces smoke without heat, making it safe and reliable. The MotorVac CoolSmoke MP delivers in quality and leak detection, with both smoke and UV dye. It's all in one, easy-to-use leak detection diagnostic system.

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LATEST UPDATE TO THE G-SCAN SCAN TOOL DATABASE

The latest **G-scan Software Update** from **CAS** has three dozen different car lines being added or updated to the G-scan scan tool database, including the majority of 2022 models for Chrysler/Jeep/Dodge. The software also includes a large amount of new Volkswagen, Audi, and Subaru coverage, as well as 30+ other car lines. Expansion areas include diagnostics, maintenance functions, and ADAS calibrations. Customers under a current subscription are able to update their G-scan immediately to take advantage of all the latest additions and enhancements.

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INCREASED COVERAGE FOR OFF-HIGHWAY CONSTRUCTION VEHICLES

Noregon's latest JPRO Professional 2023 v1 Update includes a significant increase in coverage for off-highway construction vehicles and equipment. Users will also receive coverage for many popular models of equipment from major OEs such as Caterpillar, John Deere, and Komatsu. Additionally, the latest update provides increased support for the growing alternative fuel market as well as enhanced support and bidirectional coverage for many vehicle systems, including ADAS, engine/aftertreatment, brakes, and more. Customers with an active JPRO subscription can update via a prompt in the software or from the company's website.

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BOSCH


QUICK INSPECTION OF DIFFICULT-TO-ACCESS COMPONENTS

The **GEDORE Micro Borescope**, No. KL-0880-10, is designed to enable quick inspection of difficult-to-access components. It is intended for use on professional damage analysis on engines, transmissions, and intake systems. The Micro Borescope allows photo and video documentation with data and time stamps, as well as direct playback of photos and videos. It can be connected to a smartphone, tablet, and/or laptop.

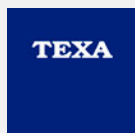
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DIGITAL INNOVATION

TEXA RCCS3 provides digital innovation by combining laser accurate ADAS calibration with OE specified digital target representation. The TEXA IDC5 software delivers the newest OEM targets for every manufacturer, for display on the RCCS3 75" HD screen for optimal display and target proportion ratio. The target size is never deformed and the digital targets save physical shop space as well as future investment cost. The RCCS3 provides precise measurement and ADAS target placement, by use of the Bluetooth laser distance measurement, to confirm accurate centering and squaring of the calibration frame to the vehicle.

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TEXA USA
855-200-8392
texausa.com

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INCLUDES ADDITIONAL OBD-II RELEARNS

The **Bartec Tech550Pro** improves on the design of the company's Tech450Pro and is a cabled version of the Tech600Pro. The Tech550Pro features Bartec's graphical user interface through the use of a wired OBD connection. It includes additional OBD-II relearns, VINDicate, and RITE-SYNC. It's also designed to provide faster TPMS service, flexibility in TPMS service and use, and greater coverage of TPMS sensor solutions. The Tech550Pro has Bluetooth capability, enabling it to work on Rite-Sensor Blue sensors, and offers Wi-Fi connectivity, allowing for fast and direct updates from Bartec.

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LIVE DIAGNOSTICS ASSISTANCE

The **Opus IVS CarDAQ-Pro** is an all-in-one Pass-Thru device for multiple vehicle brands. Users can either use their own OEM subscriptions to employ CarDAQ-Pro as a J2534 Pass-Thru device or they can use it like a RAP Kit and have Opus do the programming for them. The device offers access to live diagnostics assistance, including non-programming requirements through IVS 360 Support. Additional features include Dolp, Can FD, and Toolbox3 for OEM application descriptions, video tutorials, and the latest J2534 news, as well as access to OEM key codes, PIN numbers, and immobilizer reset information to enable locksmith and vehicle security for multiple brands in-house.

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TAKES THE GUESSWORK OUT OF MAKING CAR KEYS

The **XToolUSA Nitrous Key Making System** contains everything a shop needs to immediately begin making car keys. The system is powered by the Triton PLUS key cutting machine and the AutoProPAD G2 car key programmer, both ensuring dependability and reliability. In addition to the hardware, the system includes all of the keys and remotes for the most common vehicle types shops are likely to encounter on the road, in a compact and convenient package. With free online trainings, year/make/model lookup at nitrouskeys.com, and U.S.-based technical and warranty support, the Nitrous Key Making System may introduce a new revenue stream to a shop's bottom line.

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OPERATES WITH TOUCHSCREEN CONTROL

The **CJ4R Scan Tool** from **Injectronic** is used by technicians for its roughness, ease of use, affordable updates, and lab scope combination, now innovated and enhanced with remote functionality and a 7" touchscreen LCD color display. The CJ4R is mainly used as a first option for automotive diagnostics, and now by adding the color display,

more information and parameters can be analyzed, along with additional features for easy operation. The oscilloscope now includes more waveform analysis and offset manipulation. The CJ4R, in its original configuration, utilizes a durable monochrome display, but now with the CJ4Shark android device, it can operate as a complete touchscreen control without losing functionality.

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Injectronic
915-208-5451
injectronic.com

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FEATURES A FULLY DETACHED FOUR-CHANNEL SCOPE

The new **ZEUS+** diagnostic tool from **Snap-on** is an advanced information-driven scan and scope device, offering the onboard storage, processing, and communications capabilities that professional technicians need to get them through each step, from start to finish. Driven by Fast-Track Intelligent Diagnostics, ZEUS+ provides the information needed to diagnose, repair, and manage any issue. With its robust design, ZEUS+ offers an intuitive user experience, advanced hardware, and communication tools that let technicians stay connected with online resources and customers alike. ZEUS+ simplifies the workflow and increases efficiency by providing maximum functionality in a single diagnostic platform.

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Snap-on
800-424-7226
snap-on.com/diagnostics

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CHECKS FOR VOLTAGE DROP ON CIRCUITS

The **Lisle Corporation Digital Test Light with Load Tester**, No. 28800, is a 3V to 30V DC dual polarity digital test light that can also apply load to get an instant voltage drop reading. The light works as a regular test light, but when the button on the tool is pushed it applies an 800mA load at 12V DC to easily check for voltage drop on circuits. It includes a 48" cord with a heavy duty alligator clamp for secure connections. Not computer safe with load applied and not for use on airbags, the company notes.

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INCLUDES AN IA900WA FRAME, ULTRAADAS TABLET, TARGETS, AND PATTERNS

The **Autel IA900AST Wheel Alignment and ADAS Calibration Package** includes an IA900WA frame, ULTRAADAS tablet, targets, and patterns to calibrate camera, radar, LIDAR, and NV systems. The ULTRAADAS comes with alignment/ADAS software providing illustrated alignment instructions, live readings, required tools, and more. Now available is the Autel ADAS Bay Max 14K Lift, a 14k-lb capacity scissor lift designed to give more usable floor space and perform ADAS calibrations within the bay space.

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USES SHOP AIR

The **Flo-Dynamics EV Battery Pack Leak Tester**, No. LPLT-100, is a multi-purpose, low-pressure leak tester designed to test the battery chamber/compartments in electric vehicles. It uses shop air and removes oil, particles, and moisture to ensure a safe condition when testing the vehicle's battery chamber. Its flow meter and gauge verifies if the vessel has been compromised and the patent-pending high-voltage glove adapter allows technicians to check their gloves before each use. If the gloves have a hole, the test will quickly inform them. The LPLT-100 is OE approved.

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DEALER LEVEL DIAGNOSTICS

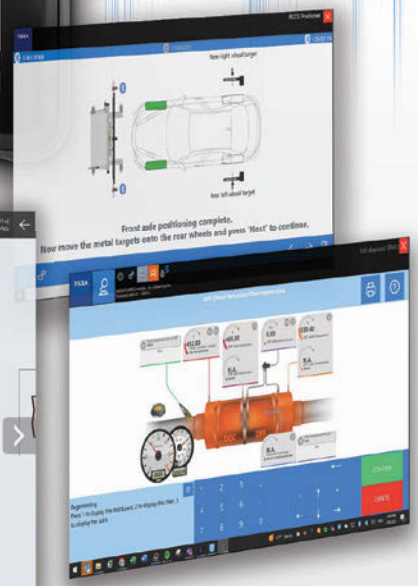
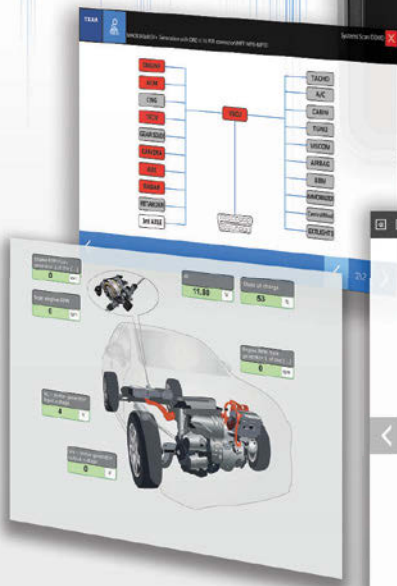
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ADVANCED COVERAGE & REPAIR SOLUTIONS

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Multi-Touch 13" Screen
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Windows 10 Open OS
512gb SSD HD - 16gb RAM



- Interactive Maintenance Guides
- Component Replacement Guides
- Technical Information & Bulletins
- Interactive Wiring Diagrams
- Visual Live Data Dashboards
- System Diagnostic Reports
- Accurate ADAS Calibration
- Technician Remote Assist



RP1210, CanFD, DoIP, K-L,
J2534, J1708, J1850, J1939
Ethernet, WiFi, Bluetooth, USB

TEXA **TXT** MULTIHUB MULTI-ENVIRONMENT COVERAGE DIAGNOSTICS FOR PROFESSIONAL TECHNICIANS

Single diagnostic interface able to scan cars, trucks, motorcycles, ATVs/UTVs, agricultural, construction and marine, while automatically using multiple protocol and connection options.



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WWW.TEXAUSA.COM

MADE IN ITALY / OEM PARTNER





WORKS AS A FULL DPF SERVICE TOOL

The **CanDo HD Code Pro** is a mid-line code scanner that will diagnose light to heavy duty commercial vehicles without breaking the bank. The HD Code Pro is slotted between the company's HD Code II and their professional line scan tools, such as the HD Pro III. It's an ideal triage tool for reading and clearing codes and performing quick and easy DPF resets and regens - but even more, with the HD Code Pro, now users can also perform SCR, ash and soot level resets, along with service maintenance resets.

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CanDo International Inc.
909-226-3611
candointl.com

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INCLUDES NEW WIRE-TO-WIRE FEATURE

The latest **Mitchell 1 ProDemand Advanced Interactive Wiring Diagrams Update** now includes a wire-to-wire feature, saving technicians time as they navigate electrical issues on today's vehicles. Previously, technicians often had to jump from a wire in one diagram to the related content for a component in a separate diagram to get the full picture of a circuit. With the new wire-to-wire feature, ProDemand takes technicians to the specific wire in a companion diagram with the trace already highlighted. The history navigation arrows can easily take them back to where they started with the original trace highlighted.

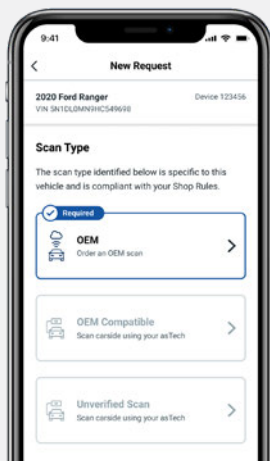
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IDENTIFIES THE MOST ACCURATE AND COST-EFFECTIVE SCAN

The patented and proprietary **asTech Rules Engine** uses data from tens of thousands of scans to compare the effectiveness of aftermarket vs OEM scan tools. It can identify when an aftermarket scan will perform identically to an OEM scan for a specific vehicle and deems them an "asTech OEM-Compatible scan." With the asTech Rules Engine, when users select an OEM-Compatible scan, they'll get an OEM quality scan at aftermarket speed and cost.

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asTech Driven by Repairify
888-486-1166
asTech.com

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OFFERS BLUETOOTH AND WI-FI CONNECTIVITY

The **USB-Link 3** from **NEXIQ Technologies** is a VCI that has the ability for OEM dealers and large and small fleet repair technicians to seamlessly connect to a vehicle via USB cable, Bluetooth, and Wi-Fi using a PC, tablet, or smartphone. With cyber security in mind, the device employs secure boot and signed firmware to ensure only NEXIQ Technologies' firmware can run on USB-Link 3. Additionally, it can function on Windows (PC), Android, and iOS platforms as well as supports up to three simultaneous channels of CAN FD and DoIP protocols while providing the compatibility for a wide range of OEM diagnostics software.

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DETECTS LEAKS, CRACKS, AND DEFECTS

The **Maxxeon LumaStik Combo UV and White Beam Inspection Light** is designed for a wide range of applications. Its UV light emits 395nm and is ideal for detecting leaks, cracks, and defects. The white beam light is ideal for general inspection purposes. Features integrated magnets for added versatility and is made from high-impact plastic and aluminum. On high it can emit 800 lm, with a run-time of 2-1/2 hours, and 150 lm on low, with a run-time of 8 hours. The spotlight emits 150 lm and has a run-time of 8 hours.

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BOSCH

MEASURES VOLTAGE, MICROAMPS, RESISTANCE, AND MORE

The **UEi Test Instruments Wireless TRMS Clamp Meter with 3-Phase and Imbalance Motor Tests**, No. DL599, measures capacitance, voltage, microamps, circuit continuity, resistance, and temperature via K-Type thermocouples. It can test 3-Phase motor rotation, unbalanced load, mini-splits, circuits in Molex plugs, and diode malfunctions. The DL599 features auto volts and amp selection, a built-in magnet with hanging strap, auto/manual ranging, input jack lock, test lead storage, an over molded grip, auto calibration, auto power off, and a low battery indicator. Includes free app, silicone test leads, back probe leads, alligator clips, two thermocouples, four batteries, a pouch, and a manual.

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INCLUDES ID MATCH FUNCTIONALITY

The **ATEQ TPMS Tools VT67 TPMS and Tire Management Diagnostic Tablet** is Android-based and has a large screen, expansive memory, and a built-in camera, making it easy for users to store and manage essential customer data. The VT67 is equipped to handle features such as compatibility with the company's upcoming TPMS Cloud platform, BLE sensor scanning, and secure gateway. Similar to all ATEQ tools, the VT67 offers 100 percent OE sensor coverage as well as coverage for 20+ aftermarket sensor brands. It also includes ID match functionality, built-in email, Wi-Fi/real-time updating, and more.

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ENHANCED 23MY COVERAGE

The **AutoEnginuity Giotto Version 21.0** for the Windows platform offers enhanced 23MY coverage and improved general support. Other highlights include new enhanced domestic support for Chrysler, GM, and VAG coverage. Examples include added Global-B support for MY22.5 GMC Sierra and Chevrolet Silverado trucks, added module address detection specific for Jeep Wagoneer and Grand Cherokee L models, and added basic settings and output tests for Audi e-Tron vehicles.

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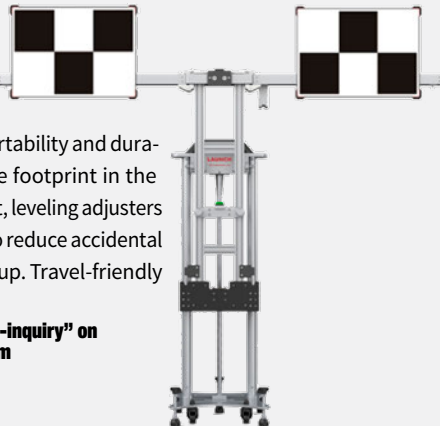


LIGHTWEIGHT, PORTABLE ADAS SOLUTION

Experience mobility and efficiency with the **Launch Tech ADAS Mobile Plus**. It's the lightest, most portable ADAS solution anywhere. Key features of the product include a lighter yet stronger design by nearly 50 percent with the ease of constant transport

in mind for the ultimate solution in portability and durability, the smallest calibration frame footprint in the industry to aid in storage and transport, leveling adjusters independent from the caster wheels to reduce accidental shifting after placement, and fast setup. Travel-friendly protective case included.

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THE COMPLETE REPAIR SOLUTION

The **asTech All-in-One** is one of the most comprehensive and powerful tablet-based repair devices available to the automotive repair market. The asTech All-In-One is capable of performing both remote OEM and asTech OEM-Compatible diagnostic scans,

as well as ADAS calibrations and programming. It features the broadest capabilities of any asTech device and the most comprehensive OEM vehicle coverage with support for DOIP, CAN-FD, K-Line, and secure gateway protocols.

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 **asTech**
Driven by Repairify™

asTech Driven by Repairify
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BENDS UP TO 180 DEGREES

The **Fluke 5.5mm Scope with 0.7m Articulating Camera Probe** is compatible with the Fluke DS703 FC Video Borescope. The high-definition camera head provides ideal resolution at 1280 x 720 (720p), and the articulating head can bend up to 180 degrees, which makes inspections in tough-to-reach areas easier. With a 5.5mm diameter, the camera probe is designed to pass through spark plug and injector ports with ease. Ideal for a complete valve inspection. Includes a carrying case.

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INCLUDES THREE ADAPTERS

The **Electronic Specialties Super Relay Buddy Pro Kit**, No. 195, includes the Super Relay Buddy tester, plus three different adapters to increase test coverage to ten different 12V relays. The Super Relay Buddy incorporates a full 7A load into the automated test sequence, making it capable of finding more heat/load caused failing relays. It also has a third test result (green for good, red for fail, and yellow for caution). To test, simply remove the relay from the vehicle, plug it into the relay buddy, and then press the "test" button until the test cycle is completed.

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INCLUDES 32 NEW BRANDS

The **Cojali Jaltest Software 23.1 Update** offers new coverage and improvements across multi-brand diagnostics for commercial vehicles, agricultural equipment, OHW equipment, material handling equipment, and vessels. This new version includes 32 new brands, 574 new models, 2,598 new systems, 1,820 new systems with technical information, 831 new systems with wiring diagrams, and more. Additionally, some added overall improvements include ordering the measurement display by the user, displaying the support information of a system display in an action, and improved parameter confirmation with more limits, conditions, and exceptions.

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BATTERY CHARGER/MAINTAINER



1012EVO



Engine start auto detection

ECU re-flash



100Amps (CCCV) Constant Current Constant Voltage

ARGOS cloud based system for data collection



12V charger / maintainer applicable for all industry standards

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DIAGNOSTIC RESULTS IN 30 SECONDS

Snap-on has redesigned and upgraded its SOLUS platform to be the ultimate scan tool for everyday maintenance and repairs.

The new **SOLUS+**, with exclusive SureTrack verified repair information and comprehensive coverage for 49 domestic, Asian, and European vehicles, and nine domestic motorcycles, provides all the sophisticated features that technicians need to handle a broad range of diagnostics without the complex functions that they don't. With

super-fast boot up, it's ready to use in just two seconds and diagnostic results are available in as little as 30 seconds. Features include detailed trouble code definitions, live data, functional tests, relearns, and adaptations.



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Snap-on
800-424-7226
snap-on.com/diagnostics

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1,000V AC/DC VOLTAGE AND 10A AC/DC CURRENT

The Lang Tools CAT IV General Purpose and Hybrid Multimeter, No. 13811, is a handheld professional multimeter that can measure up to 1,000V AC/DC voltage and 10A AC/DC current. It can also measure resistance, diode, continuity, and mx-Pulse/duty cycle. The multimeter features auto ranging, data hold, and is CAT III 1000V and CAT IV 600V rated. The multimeter includes test leads, batteries, a temperature probe, and a manual.

It can also measure resistance, diode, continuity, and mx-Pulse/duty cycle. The multimeter features auto ranging, data hold, and is CAT III 1000V and CAT IV 600V rated. The multimeter includes test leads, batteries, a temperature probe, and a manual.



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1012EVO 100A CHARGER/MAINTAINER

The **E-XTEQ 1012EVO Battery Charger and Maintainer** is an automatic 12V charger with quick diagnostic for Flooded, AGM, Li-ion, EFB, Deep Cycle, and more chemistries. It provides up to 100A with real constant current constant voltage (CCCV) for ECU re-flash. Other notable features include an intuitive 4.3" LED touchscreen display with built-in Smart Logic Diagnostic, an engine start auto detection, a self-protected reverse polarity indicator, and has a cloud-based user interface (OPTIMUS/ARGOS) for data collection and tool updates. The 1012EVO is built to last in a workshop environment with its aluminum body and anti-scratch mounting magnets with rubber coding and shock proof silicon shell.

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E-XTEQ
734-431-4523
e-xteq.com

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MEASURES CURRENT AND PULSE WIDTH MODULATION

The **Power Probe PPTAMP and PPTPWM Adapters** are designed to cut diagnostic times and increase diagnostic accuracy. The PPTAMP allows any Power Probe circuit tester to read current. When a component powers up, users can monitor its current to determine the health of that component up to 20A and as low as one milliamp. The PPTPWM allows any Power Probe circuit tester to use pulse width modulation, a feature used to control new vehicle components with an adjustable duty cycle.

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FEATURES A REFRESHED LOOK AND NEW CAPABILITIES

The **Klein Tools Updated Digital Multimeter Lineup**, Nos. MM325, MM420, MM450, and MM720, features a refreshed look and new capabilities. New capabilities include a more rugged industrial design with lead-alert protection and green LEDs to avoid blowing fuses on MM325, MM420, and MM450 models. They also feature a larger display, making it easier to read. The MM450 and MM720 employ a large, reverse-contrast display with an auto-optical sensor adjustment. All units come equipped with an easy-access fuse for quick changes, TRMS for improved accuracy on MM420, MM450, and MM720 models, and improved temperature accuracy. The MM450 has the same features as larger meters but with a slimmer profile.

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IDEAL FOR LOW-RESISTANCE TESTING

The **MT03A Milliohm and Motor Tester** from **Pico Technology** offers resistance testing of all windings on a three-phase motor in under a minute, producing highly accurate results that can automatically compensate for temperature using the included sensor, says the company. It's designed to meet the needs of technicians in a wide range of industries, including automotive, off-highway, heavy duty, rail, mining, and more. With its earth-bond testing in compliance with UN ECE R100 regulations and a minimum test current of 200 mA, the MT03A has widespread applications, including fuel pumps, air-conditioning motors, regeneration pumps, blower motors, camshaft controls, EGR valves, turbo actuators, and more.

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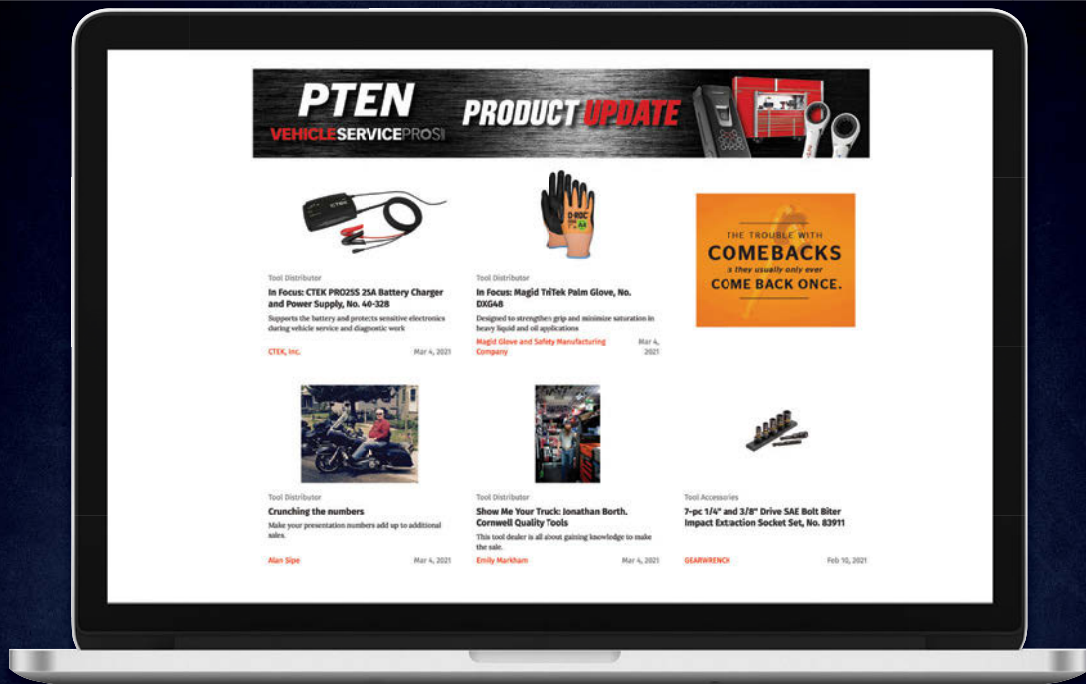


USES ANY SMARTPHONE

The **TOPDON TopScan** is a pocket-sized tool designed to turn any smartphone into a professional-grade scanner. TopScan is capable of reading and clearing fault codes for over 60 different vehicle makes across American, Asian, and European vehicles as well as offers advanced diagnostics and bidirectional control through the user's phone. With TopScan, users can access eight maintenance services, AutoVIN technology, vehicle performance testing, and a repair data library. Additionally, it offers Bluetooth connectivity and multilingual support, includes feedback functions, and can test emissions easily with a one-click I/M ready button that generates a testing report.

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MULTI-ENVIRONMENT ADVANCED DIAGNOSTICS

TEXA provides a diagnostic platform capable of scanning passenger cars, heavy duty vehicles, motorcycles, ATVs/UTVs, boats, agricultural, and construction vehicles by operating with all of the TEXA IDC5 licenses, to provide a versatile modular diagnostic environment. TEXA IDC5 software easily adapts to any vehicle connection to confirm vehicle system issues and provides advanced diagnostics.

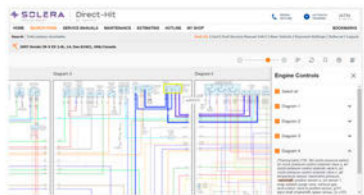
Today's repair specialists must be capable of working on a range of complex vehicle systems while using different diagnostic protocols and connection modes.

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TEXA USA
855-200-8392
texausa.com

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INCLUDES ENHANCED COLOR WIRING DIAGRAMS FEATURES

The **Identifix Direct-Hit Auto Repair Software Update** includes intuitive color wiring features to bring an easier and more convenient experience to the technician-built vehicle repair database. Direct-Hit subscribers can now view multiple wiring diagrams side-by-side and all at once, creating the ability to trace wires across multiple diagrams and identify all interacting wires throughout the related circuits simply by hovering or clicking a component. Technicians can also print multiple diagrams at once. Other enhanced features include updated navigation, ability to drag, move, and zoom display features for enhanced interaction, and one-click access to open diagrams in full-screen view on a new browser tab.

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HAS ONBOARD MICRO AIR COMPRESSOR

The **Smoke Pro Air** from **Redline Detection** comes with its own onboard micro air compressor, eliminating the need to connect to air lines or inert gas. By eliminating the need for shop air or inert gas tanks, technicians can quickly diagnose, locate, and repair leaks anywhere, anytime. Smoke Pro Air improves the accuracy of repairs and eliminates comebacks by verifying that difficult-to-find component leaks are repaired accurately the first time, the company says.

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SIMULATES ABS, LAMBDA, EGR, AND KNOCK SENSORS



The **Prologics Sensor Simulator** is designed to simulate and actuate an output signal from automotive sensors incorporating frequency, voltage, and test sequences. The Sensor Simulator lets the technician know if the faulty operation is a defective sensor, an issue with the ECM / ECU, or a defect in the wiring. It can simulate ABS sensors, lambda sensors, EGR, CKP, MAP, knock sensors, and more. The tool saves technicians time by eliminating the problem quickly.

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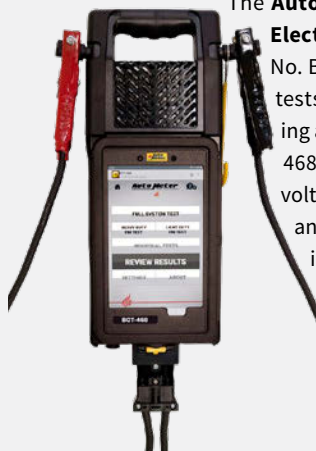


WATERPROOF PROBE HEAD AND TUBE

The **Vividia CX-6010M Flexible Smartphone Joystick Articulating Inspection Camera Borescope** from **Oasis Scientific** features a 6mm diameter and 1m long flexible probe, which is covered with a metal-mesh tube for durability and is waterproof IP67, along with a 4.5" LCD monitor. The CX-6010M has bright LEDs, a joystick pivoting 6mm (0.236") probe camera, and it can be used to look into dark places as a diagnostic inspection camera. The camera head can be steered with the joystick 360 degrees in all directions and all angles. The monitor has a microSD card installed for pictures and videos. Additionally, the Vividia CX-6010M borescope can lock and unlock the articulation angle by a simple trigger and is rechargeable via included USB-C cable.

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TEST BATTERIES AND STARTING/CHARGING SYSTEMS



The **AutoMeter Heavy Duty Truck Electrical System Load Tester**, No. BCT-468, performs true load tests on batteries, as well as starting and charging systems. The BCT-468 performs automated load based voltage drop testing on cables, liftgates, stinger cords, and magnetic circuits. It tests both 12V and 24V starting and charging systems, along with flooded, thin plate pure lead, and AGM batteries. Intuitive user-guided step-by-step screens allow for fast and easy operation. The load tester is Wi-Fi enabled for automatic real-time data collection and alerts.

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AutoMeter Products
866-248-6356
autometer.com

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FEATURES 'EASY KEY' FUNCTIONALITY

The **Curien RGTB 'Run'n Gun' Tablet Kit** includes a compact 6" screen that is protected by Corning Gorilla glass, a BT5.0 antenna, and a waterproof, shock-proof, and dust-proof outer body that is built for shop life meeting or exceeding IP68/IP69K/MIL-STD-810G standards. It also has a 5180 mAh battery that can last all day. Featured in the RGTB kit is a USB-C charging and data interface, dedicated "easy key" functionality for quick access to the Curien mobile application, and a 3.5mm headphone jack for headphones and the FM radio functionality.

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SIMULATES TRAILER BRAKE AND LIGHT LOADS

The **Innovative Products of America Electric Brake Force Meter with Dynamic Load Simulation and Circuit Testing**, No. 9107B, is an all-in-one tester that can verify if a vehicle's trailering circuits are properly functioning. IPA's patented technology simulates trailer light and electric brake loads to test modern vehicles with integrated trailer brake controllers. It can quickly troubleshoot truck-side tow circuits (e.g. tail lights, turn signals, 12V+, reverse, and ground condition) and verify trailer brake output gain. The 25' cable allows one-man, in-cab testing. The 9107B supersedes the 9107A with updates for the latest model year vehicles. Comes in soft nylon case.

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FOR MORE INFORMATION ON THESE PRODUCTS, CLICK ON "PTEN E-INQUIRY" at VehicleServicePros.com OR CIRCLE THE NUMBER ON THE CARD.

POWER PROBE®



The **Power Probe 3 Master Combo Kit** combines the Power Probe 3 with the ECT3000 Short/Open Finder and various accessories to provide the ultimate combination of diagnostic and circuit testing capabilities.



The **Power Probe 4 Master Combo Kit** combines the Power Probe 4 with the ECT3000 Short/Open Finder and various accessories to provide the ultimate combination of diagnostic and circuit testing capabilities.

#PPKIT03S

#PPKIT04



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QUICKLY UNCOVERS ANY VEHICLE ALIGNMENT ISSUES

A one-stop solution for ADAS calibration, the **John Bean Tru-Point** uses highly accurate advanced camera technology, targets, and top-of-the-line software to quickly uncover any vehicle alignment issues, allowing users to perform an accurate ADAS calibration.

A recent software update available includes new procedures, features, and improvements. Notable features include initial remote scanner vendor integration, target subscription expiration message on the home page, activation on first boot and network connection, ability to send messages and promotions to the home page, add pointer target measurements to manual mode, and customer information is now available on the menu after selecting a vehicle.

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John Bean

John Bean
800-362-4618
johnbean.com

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FEATURES A 3-1/2" LCD SCREEN

The **Mac Tools Advanced Code Reader**, No. ET1400, features a 3-1/2" LCD screen, allowing users to analyze real-time graph data in the palm of their hand. It offers access to 10 OBD-II modes functionality, supports DTC lookup, records and plays back data, and prints data via PC. The ET1400 provides vehicle coverage of up to 33 domestic, Asian, and European makes and models. Additionally, it has interface language options for English, Spanish, and French, and reads and erases codes as well as views live data of ABS, SRS, and automatic transmission systems.

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FEATURED
PRODUCT

ENABLES HANDSFREE OPERATION

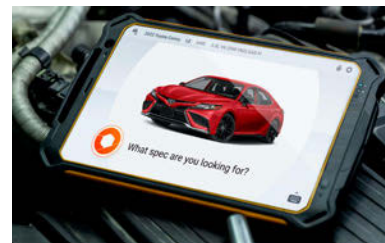
The **Tool Aid Clamp Probe Set**, No. 21200, was originally designed to allow a lone technician to test for voltage drop on top battery posts, but its handsfree operation eliminates the need to pull someone from a bay just to "hold that there." The probe, under spring tension, adjusts in height within the housing, and rotates 360 degrees so users can test where they need to. The probes accept a standard 4mm banana plug so technicians can use their existing equipment.

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TOOL AID
TOOLS FOR THE PROFESSIONAL

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OFFERS A HANDSFREE DATA LOOKUP EXPERIENCE

Ortho is a voice assistant purpose-built to drive efficiency in auto repair. Ortho is a fast and convenient way to access trusted repair and maintenance data. Powered by MOTOR's OEM database and housed inside a rugged tablet, Ortho offers a handsfree, fast data lookup experience. By simply saying "Hey Ortho" and asking a question, technicians get access to hundreds of specs (e.g., torques, measurements), fluid details (e.g., capacities, types), diagrams (e.g., mounting points), and maintenance intervals, all specific to the vehicle in the bay. Ortho includes a free trial and offers flexible subscription or monthly pricing models for individuals and shops.

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THUMB-OPERATED RELIEF VALVE

The **Performance Tool Radiator Pressure Test Kit**, No. W89746, is designed to test pressurized cooling systems up to 30 psi on vehicles to help detect internal and external leaks. The gauge offers psi and bar measurements. The kit includes a hand pump with a 35-psi gauge, a thumb-operated relief valve, and quick-connect adapters.

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TPMS DIAGNOSTIC AND PROGRAMMING TOOL KIT

Diagnose and program import and domestic tire pressure monitoring systems with the new **Ranger TruSensor TS58R Universal TPMS Kit**. Offering 98 percent global vehicle coverage, the kit includes a portable

TS58R tool with color touchscreen, four metal stem sensors, four snap-in rubber sensors, USB interface cable, OBD-II cable, and power cord, all packaged in a durable, padded carrying case. TruSensor TS58R can test tire pressure, temperature, and battery life; read and clear TPMS diagnostic trouble codes; reset warning lights; and accurately diagnose car key remotes and fobs. It supports all 315 and 433 MHz aftermarket and OEM sensors.

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BendPak
800-253-2363
bendpak.com

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ON-BOARD STORAGE FOR UP TO 30 IMAGES

The **K-Tool International Video Inspection Borescope**, No. KTIXD3K, is designed to give the user lighted and color visual access into the interior motors, electric components, and hard-to-see areas. It features on-board storage for up to 30 images and a 180-image rotation. The tool is powered by four AA batteries and features a 2.5" LCD screen, 46" probe length, and a fixed 8.5mm forward view imager. Includes a mirror and a magnet/hook.

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OFFERS PASS/FAIL INDICATION

The **Proflex+ Pro MX-700T Smoke Monster Leak Locator** is a two-in-one machine for EVAP and turbo, or for needing higher air pressure. The MX-700T offers a LCD screen and LED flow meter to provide exact/precise readings, a built-in air compressor for portability, an air leak decay test as well as visual and audio warnings and detections to indicate whether the vehicle passes or fails testing. Additionally, it features CeramiHeat technology, manual/automatic modes, a pressure type selector, and is compatible for use with mineral/baby oil and dye. The unit comes with an accessory case with all the required parts.

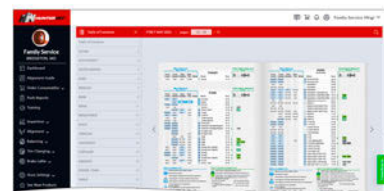
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FEATURES A LARGE 3.5" TOUCHSCREEN

The **FLIR E8 Pro Edition** from **Teledyne FLIR** offers a large 3.5" touchscreen with FLIR Ignite Cloud connectivity within the same pistol-grip form factor as legacy E8 series thermal cameras. Through the touchscreen, users can share captured images with clients over Wi-Fi, including with on-screen annotations to highlight findings. Images can then be loaded straight to the FLIR Ignite Cloud for improved efficiency. The FLIR E8 Pro offers crisp thermal and visual detail, includes a built-in LED lamp to capture critical details in low-light scenarios, and is built to handle the harshest environments. It also offers up to four hours of continuous operation on one battery.

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GUIDES SHOPS ON ELECTRONIC RESETS

The **Hunter Engineering 1708-T Online Alignment Guide** is now available online via the HunterNet 2 portal. Updated twice yearly, the guide has long been a staple of point-of-sale counters, serving as the go-to source for service advisors quoting work, the company says. The comprehensive document guides shops on vehicle suspension adjustments as well as any electronic resets or ADAS calibrations required after wheel alignment, thus adding a large revenue opportunity. The online version is intuitive and easy to use, with a linked table of contents, quick search capability and full-screen display. Shops can now always have the latest version online, with no reordering of printed copies necessary.

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BOSCH


DETECTS INTERMITTENT OPEN-CIRCUIT AND SHORT-CIRCUIT FAULTS

The **PhysiCAN SnS GRIP Tester** from **Sital Technology** is a portable USB board that is based on the company's patented Safe and Secure (SnS) technology for CAN bus data buses. By means of enhanced physical layer monitoring, Sital's SnS continuous fault monitoring enables the detection and location of intermittent open-circuit and short-circuit faults in cables, connectors, bus terminators, and connected ECUs. The PhysiCAN comes with an app, and a graphical user interface (GUI) tool, for real-time CAN bus physical layer fault monitoring and cybersecurity. The app uses the PhysiCAN SnS GRIP to detect and locate intermittent or continuous electrical faults and indicate its findings as notifications on a diagram of the monitored CAN bus's topology.

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FEATURES A 12" TOUCHSCREEN

The **Thinkcar Platinum S12** includes features such as dynamic ADAS calibration, multimeter, oscilloscope, TPMS communication, 12" touchscreen, and guided diagnostic processes for select vehicles at no extra charge. The Android-based scan tool is also compatible with Thinkcar static calibration systems and includes step-by-step instructions with illustrations. It supports CAN FD and offers 34 maintenance functions, auto VIN scan, topology mapping, and bidirectional communication. Includes THINKDIAG 3 VCI and two years of software updates.

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QUICKLY LOCATES AND REPAIRS LOW AND HIGH PRESSURE LEAKS

The **Mastercool Dual EVAP/High Pressure Diagnostic Smoke Machine**, No. 43065, finds difficult-to-diagnose automotive leaks.

Mobile repairs are now possible as this unit includes an internal compressor which allows use without the need of shop air. This specifically engineered unit allows today's technician to quickly and efficiently locate and repair the complete spectrum of EVAP, turbo, heavy duty truck (with accessory kit), and much more. This kit comes



complete with all the adapters for EVAP low pressure testing and universal high pressure testing capabilities. Mastercool now offers the professional technician the capability of complete automotive smoke detection testing in a single unit.

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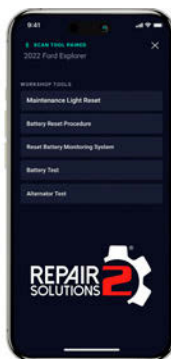
SPONSORED

ABLE TO SELECT LEVEL OF COVERAGE

The **Matco Tools Maximus Flex Pro Diagnostic Scan Tool** is an Android-based tablet with 10.1" high resolution touchscreen that is designed to be flexible to meet the needs and budget of any automotive technician.

Users can choose the level of coverage that works for them, from fully-loaded coverage, monthly subscriptions, or as an enhanced code reader with maintenance resets. Additionally, the scan tool offers remote diagnostics, vehicle maintenance history records, and a built-in VCI that supports CAN, CANFD, DoIP and more automotive communication protocols with an optional DoIP cable. It also fully supports the security gateway module with access to select 2018 and newer FCA U.S. vehicles with Auto Auth subscription (purchased separately) and includes a rugged case.

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INCLUDES EXPANDED MODEL YEAR COVERAGE

The **Innova Electronics OBD2 Scanner Tools and Dongles Software Update** includes coverage and support for vehicles through model year 2022, added functionality, and enhanced RepairSolutions2 app features. Expanded tool functions include more active test and special function capabilities, such as battery reset, battery initialization, and battery and alternator test and maintenance light reset supporting popular vehicle makes, including GM, Chrysler, Ford, Honda, Hyundai, and Nissan. The update also brings several enhancements and new features for compatible dongle tools, including maintenance and oil light reset, battery reset procedures, battery initialization for compat-

ible BMW, Ford, and Volvo vehicles, as well as the ability to perform battery and alternator tests.

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CATEGORY SPONSOR

A TOOL FOR EVERY ANGLE

The **OTC Angled Wire Stripping Tool**, No. 5950D, is a versatile handheld tool designed for stripping wires in tight spaces, up against bulkheads, and in other hard-to-reach areas. Its angled head with stripping dies provides the user with an optimal angle for precise and easy stripping of wires. The tool is made of high-quality materials, making it durable and reliable for use in a wide range of applications. With its compact size, ergonomic design, and comfortable grip, the 5950D is easy to use, even for extended periods, making it an ideal tool for electricians and technicians who require a go-to wire stripping tool.

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OTC
800-533-6127
otctools.com

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FOR WORK IN CONFINED SPACES

The **Wera Tools 2-pc Zyklop Mini 1 Bit Ratchet 1/4\"/>**

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EXTENDED 11\"/>

The **Matco Tools 8-pc Long Reach Pliers Set - Blue**, No. LRP8SETB, is designed to enhance the ability to reach the job at hand and access cramped, confined areas with an extended 11\"/>

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HAS A 5,000 LB IMPACT STRIKING FORCE

The **Spring Tools 4-pc Heavy Duty Mechanics Set**, No. HD1015, is designed for mechanical and metalworking applications. The set includes a 7/16\"/>

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FOR MORE INFORMATION ON THESE PRODUCTS, CLICK ON "PTEN E-INQUIRY" at VehicleServicePros.com OR CIRCLE THE NUMBER ON THE CARD.



USEFUL FOR SMALL PARTS IN BLIND SPOTS

The **Performance Tool Flexible Magnetic Pickup Tool**, No. W83191, is a rigid, yet flexible pickup tool that bends to any position and stays in place. The tool is useful for small parts in blind spots and hard-to-reach places. The flexible aluminum neck with knurled aluminum handle measures 24", and the 1.5 lb capacity magnetic head is 5/16" in diameter.

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OVER 200 INSULATED TOOLS

Professionals trust their tools. This trust is vital when performing electrical repairs such as handling electrical installations or working on EV cars. **KNIPEX** offers over 200 **Insulated Hand Tools** for all application needs. The insulation on the tools provides safety when handling electrical installations, but the mechanical properties of the basic tool, such as cutting performance, precision, and stability remain the other key factor for

the reliable function of insulated tools. KNIPEX's insulated tools not only meet statutory requirements but also offer the greatest possible safety, reliability, and performance.

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LTI Tools

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Nuts, Bolts, Fasteners, Fittings, or Sensors**



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FEATURED
PRODUCT

FEATURES A 3-DEGREE SWEEP

ARES Professional 120-Tooth Ratchets need just 3-degrees of sweep for ratcheting action, making them ideal for close quarters work in tight spots. Made of chrome vanadium steel with a mirror polish finish and featuring a professional gear-to-gear pawl structure for increased durability, the ratchet set is built to last. The thumb switch on the back of each ratchet head allows for easy direction change while the contour forged handle makes these ratchets comfortable in the hand, reducing hand tension during use. Each ratchet is made to meet or exceed ANSI and ASME performance standards.

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ARES

ARES Tool
206-825-6703
arestool.com

SPONSORED

FEATURES A 2" JAW OPENING

The **Channellock 10" WIDEAZZ Adjustable Wrench**, No. 10WCB, features a wide 2" jaw opening to support large sized nuts and bolts. The combination of a smart and comfortable tapered handle design with Code Blue grips, a four-thread knurl, and minimal head width improves performance in confined spaces. Additionally, the tool offers laser engraved measurement scales, is made from rugged chrome vanadium steel, and has a chrome finish for rust prevention. The Channellock adjustable wrenches are made in Spain.

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ERGONOMIC, TWO-COMPONENT HANDLES FOR SECURE GRIP

The **Mueller-Kueps Mini Pry Bar Set**, No. 276 100, is a universal use set ideal for any application that requires lifting or prying. The pry bars have a black oxide finish to help protect the tools against corrosion, are made from hardened and tempered steel to provide maximum durability, and feature a six-sided shaft for strength. With an ergonomic, two-component handle, the pry bars offer a comfortable and secure grip through all applications. The set includes two different tip widths and an angled design to give the user maximum leverage and options.

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OFFERS A QUICK-RELEASE MECHANISM

The **Snap-on Stubby Ratchet Line-up** now offers a quick-release mechanism to its 1/4" and 3/8" drive Dual 90 Technology stubby handle ratchets. With the quick-release mechanism, technicians to have a positive locking feature that holds sockets securely in place but easily decouples with a push of a button, even if oily from use and when working in tight places, the rugged reverse lever makes for a smooth change of direction.

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TESTED TO 10,000 VAC

The **Cementex Automotive Electric Service Tool Kit**, No. ITS-12B-AES, is an ideal base of insulated tools for use with hybrid and electric vehicles (EVs) as well as troubleshooting and repair to EV charging stations. Stored in a standard toolbox, this tool kit includes double-insulated diagonal cut, needle nose, slip joint, crimping, and water pump pliers, as well as a variety of double-insulated cushion grip screwdrivers. Cementex double-insulated tools are made in the U.S.A., tested to 10,000 VAC, rated for 1,000 VAC/1,500 VDC when working on energized parts, and marked with the (double-triangle) international safety symbol. These tool combinations can be customized to fit a customer's needs.

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DOUBLE-DIPPED HANDLES FOR COMFORT

The **OEMTOOLS 2-pc Hose Clamp Pliers**, No. 25198, are designed to remove flat-typed hose clamps in hard-to-reach areas. This plier set includes flat band hose clamp pliers and angled hose clamp pliers with handles double dipped for a comfortable grip. The pliers are made to service most ring-type or flat band hose clamps and the jaws swivel to access hoses in any position. A ratchet locking mechanism will hold the clamps open.

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HEAD FLEXES THROUGH 180 DEGREES

The **90-Tooth 12-Point GearBox Double Flex Ratcheting Wrenches** from **GEARWRENCH** deliver a 4-degree swing arch for improved access. With a longer, wider beam, the wrenches offer improved reach, leverage, and comfort. The head flexes through 180 degrees for adjustable access angles. Additionally, the ratcheting wrenches feature off-corner loading that reduces fastener rounding, large color markings for easy size identification, and full polish chrome. Available in two sets: 6-pc metric and 4-pc SAE.

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FEATURED
PRODUCT

CAN BE POWERED WITH AN IMPACT WRENCH

The **Ascot Supply Wheel Stud Service Kit** is designed to work on most hubs for installation and removal and all sizes of studs.

Installation is done by pushing on the head, eliminating the need for threaded adapters. No need to remove the hub from the vehicle. The service kit reduces the number of adapters required as well as damage to the studs, hubs, and bearings. Users can remove and install 10 studs in just 10-15 minutes, according to the company. The service kit can be powered with an impact wrench, no hydraulic power source required.

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ASCOT
Supply Corporation

Ascot Supply Corporation
ascotsupply.com

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WORKS IN TIGHT SPOTS

The **Lisle Corporation Electrical Disconnect Pliers**, No. 37960, are designed to easily remove locking push tab style electrical connectors found on mass air flow sensors, fuel injectors, ignition coils, and other applications.



Simply use the hook on the end of the pliers to pull the tab out to unlock and then use the point to engage the tab. Squeeze the tabs together and lift to separate the connector from the sensor without damage. The pliers allow technicians to use the tool with one hand, and to work on sensors in tight spots. The tool measures 8" in length and has dual durometer grips for comfort.

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REMOVES LARGE INTERNAL RETAINING RINGS

The **Lang Tools 26" Internal Retaining Ring Pliers with Interchangeable Tip**, No. 1489, are heavy duty pliers used to remove and install the large internal retaining ring in transmission cases. Its 26" handles provide the leverage needed to compress large retaining rings. Ideal for GM 5L40, 5L50, 6L50, 6L80, and 6L90 transmissions. The pliers weigh 3.85 lbs and include straight .120" diameter tips (No. 8600).

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INDUCTOR[®] Max



GRAPHICS



AUTO GLASS



FASTENERS

Release all types of adhesives bonded to the metal without the collateral damage of open flame with the **Inductor Max Kit**. The kit is completely portable with the induction inverter mounted in a carry case. It offers audible and visual power indicators.



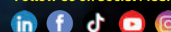
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FEATURED
PRODUCT

HAS 10 ADJUSTABLE POSITIONS

The **KNIPEX 4" Pliers Wrench XS**, No. 86 04 100, is a compact tool at just 4", with a jaw capacity of 3/4". Designed with smooth jaws that will not mar surfaces, the Pliers Wrench XS is ideal for gripping, holding, pressing, and bending applications. With one-handed adjustment, users can quickly and easily slide through 10 adjustment positions to find the right fit on the workpiece. Its texturized handles and compact design and slim head allow easy access to confined areas such as for under the dashboard, under seats, and more.

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KNIPEX
847-398-8520
knipex-tools.com

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SOFT RUBBER COATED HANDLES

The **SP Tools USA 6-pc Premium Plier/Cutter Set with EVA Foam**, No. SP32916, contains six commonly-used pliers, including 10" quick-snap, 8" combination, 6" and 7" HD diagonal cutters, 8" HD long nose, and 8" bent nose precision pliers. The set features soft rubber coated handles for limited slippage, multi-positioned channels for more gripping power, and is made from chrome vanadium electric steel that has been forged and multi-stage oil-hardened. The quick-snap pliers also offer "self-gripping" teeth to prevent slippage. The set comes in a custom-cut foam insert carrying case for easy organization and mobility.

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REVERSIBLE RATCHET WITH QUICK RELEASE

The **Titan Professional Tools 19-pc 3/8" Drive 6-Point Metric VDE Insulated Socket Set**, No. 68100, features a fully insulated 3/8" drive reversible ratchet with quick release. The set components carry GS/VDE certification and are tested and certified to 1000 VAC. Included in the set are 6-point sockets (6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, and 20mm) and three extensions. Manufactured in Taiwan to the DIN standard and individually certified to EN 60900, the set is PAH-free and comes in a durable storage case.

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NEW MEDIUM AND LONG-LENGTH SOCKET BITS

The **Mayhew Tools Socket Bit Line Expansion** includes the addition of new medium and long-length socket bits, sold individually and as sets. The extended length of the medium and long socket bits makes these tools ideal for a wide array of applications where longer reach into deeply recessed fasteners or high-performance torque in tight spaces is needed. The medium socket bit assemblies have an overall length of 5.75" and the long socket bit assemblies have an overall length of 7". Available in a wide variety of fastener styles and sizes, each socket is chrome-plated and the bit is made with S2 tool steel that has been heat treated to provide added durability.

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SPRING-LOADED DESIGN

The **VIM Tools 6-PC 3/8" Drive Ratcheting Flare Nut Wrench Set**, No. RFW100, includes a 10mm, 12mm, 13mm, 14mm, 17mm, and 19mm flare nut wrench head. Due to their shape and spring-loaded design, the set is compatible with both metric and standard sizes. The heads lock into the open position and snap closed once the user places it onto a fastener. Additionally, the heads have a closed end where the lips of the wrench overlap, allowing the head to fit against all sides of a fastener and hold tension.

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TORQUE ACCURACY OF ± 4 PERCENT

The **CTA Manufacturing Torque Limiting Ratchet Wrench**, No. 8930, has a 25.81 ft-lb pre-set to allow technicians to easily torque down the cartridge-style oil filter housing caps, found in many Asian and domestic vehicles. The 8930 features a blue comfort grip handle to easily identify over the previous version, the 8940, which has a red handle. The 8930 measures 11-1/2" in length, has a 3/8" drive, and an accuracy of ± 4 percent.

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FEATURED PRODUCT

EASILY REMOVES BROKEN TAPS AND SAVES THE THREADS

Remove broken taps without drilling, lasers, scrapped parts, or repair inserts – and save the threads! The **Walton Tap Extractor's** hardened steel fingers fit in the flutes of a broken tap to back it out simply and safely.

Available in every tap size – both inch and metric – as handy sets or individual pieces. Tap Extensions are also available to extend the reach of regular-length taps for deep holes and awkward locations. Proudly made in the USA.

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WALTON COMPANY



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Italian design. European quality.

C19/C20

CANTILEVER TOOLBOX

The **Beta Tools** C19 and C20 cantilever toolboxes feature sturdy sheet metal construction for a lifetime of professional use. A hole through both lids accepts a padlock for security. Unlike a plastic box, the lock doesn't go through a fragile plastic hasp that can be easily broken off.

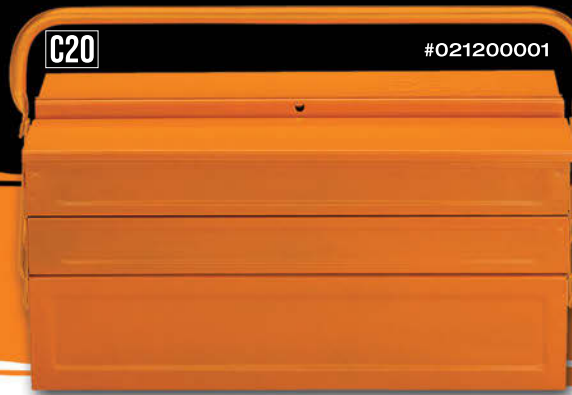
Lift the top tray to expand the box and gain access to the lower compartments. The cantilever design arranges your tools for easy access and quick tool organization.



*TOOLS NOT INCLUDED



18" long x 8" wide x 6" high (10" with handle up)



18" long x 8" wide x 8" high (12" with handle up)

betatoolsusa.com

1.717.449.5044

Beta Tools USA is a subsidiary of BETA UTENSILI S.P.A. Sovico (MB) - Italy

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FEATURED
PRODUCT

HAS AN ACCURACY OF ± 4 PERCENT

The **Ascot Supply 3/4" Drive 600 ft-lbs Split Beam Torque Wrench** has an accuracy of ± 4 percent and features a non-coil spring mechanism, eliminating the need to return to zero after use which results in longer tool life. Its toothed hinge cover contains a lock function, which can prevent the setting from being changed accidentally. It also features a knob-type torque that allows for a faster and more energy efficient adjustment as well as a TPR cushion handle that provides comfort, easy control, and oil resistance. Equipped with a loud click sound and strong impulse when required torque is reached. It is packaged in a durable blow molded case.

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Ascot Supply Corporation
ascotsupply.com

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FEATURES A SPRING RATCHET LOCKING MECHANISM

The **Platinum Tech 2-pc Combination Internal and External Snap Ring Pliers Set**, No. PLT-99911, features a spring ratchet locking mechanism that securely holds against snap ring tension, a thumb release that allows for smooth and controlled tension release, and a cushion grip for comfort. The internal ring size ranges from 3-1/16" and 6-1/4" (78mm - 159mm), and the external ring size ranges from 3-1/2" and 6-1/2" (89mm - 165mm). The tip sizes are .120", 0 degrees, 45 degrees, and 90 degrees, and are replaceable. Made in the U.S.A.

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COMES WITH A LOCKABLE CASE

The **Dynamic Tools 28-pc Insulated Tool Set**, No. D113000, includes a 1/2" drive ratchet with a selection of extensions and six-point metric sockets. It also contains open-ended metric wrenches, slotted screwdrivers, Phillips screwdrivers, side-cutting pliers, lineman's pliers, and long-nose pliers. Each tool has been tested to 10,000 AC and is VDE certified to 1,000 VAC in compliance with IEC 60900. For secure storage, the set comes with a lockable case. The case has two foam organizers with labeled cutouts for easy tool identification, compliance with 5S work environments, and added safeguarding against foreign object damage (FOD).

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INCLUDES FLEXIBLE AND EXTENDABLE ALUMINUM INSPECTION LIGHT

The **ATD Tools 5-pc Telescope Tool Kit**, No. ATD-319, includes two inspection mirrors with LEDs, one inspection light, and two magnetic pick-up tools. The rectangular lighted inspection mirror extends to 34.25" while the round inspection mirror extends to 28.5". The flexible and extendable aluminum inspection light offers three LEDs and has a 5 lb magnetic pick-up function. It can extend up to 22.25". The magnetic pick-up tool with a contoured grip extends to 30" and picks up items up to 15 lbs. The smaller magnetic pick-up tool extends to 25.4" and picks up items up to 1 lb.

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STRAIGHTENS TUBING UP TO 3/8"

The **AGS EZ Fit Adjustable Tubing Straightener** is designed to straighten tubing including NiCopp, copper, aluminum, stainless steel, and plastics up to 3/8" in diameter. It can be used by hand or in a vice. It also has a wheel, allowing users to run it along a workbench or floor surface. Constructed of a corrosion-resistant plated steel body and eight stainless-steel rollers with nylon bearings to ensure smooth tube rolling. The adjustable open side entrance allows users to straighten lines that are already flared. Simply open the jaws, insert the line, use the hand lever to adjust to the tube diameter, and squeeze the handle.

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STAMPED SOCKET SIZES

The **Milwaukee Tool 47-pc 1/2" Drive Ratchet and Socket Set with PACKOUT Low-Profile Organizer**, No. 48-22-9487, features a 90-tooth ratchet that has 4-degrees of arc swing and a slim profile for working in tighter spaces. It also has a flush directional lever. The sockets have Four Flat sides to prevent rolling and sizes are stamped into each socket for easy-to-read visibility. The organizer offers a clear top for easy identification of contents, is IP65 rated, and is built from impact-resistant materials for durability on and off the jobsite.

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DESIGNED TO REDUCE FATIGUE

The **Vessel Ball Grip Ratchet Screwdriver with 10-pc Bit Set and Bit Belt**, No. 2200MBH120K01, features a bit size of 1-3/16" and offers a smooth operation with its 36-teeth gear design. The ratchet mechanism has forward, reverse, and stationary positions on the dial. The Ball Grip ratchet style is designed to reduce fatigue when using to insert a lot of screws. The kit includes a SL#6, T10, T15, T20, T25, T30, SQ2, PH1, PH2, and PH3 bit. The ratchet screwdriver can also be used as a stubby screwdriver and the impact torsion bits can be used with power tools.

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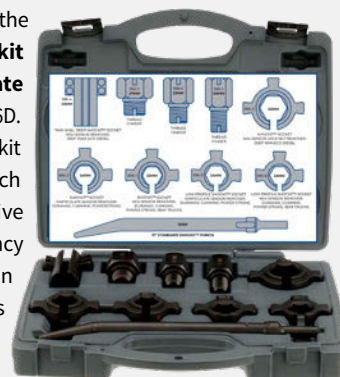
FEATURED PRODUCT

USE THE FORCE AND VIBRATION OF AN AIR HAMMER

Elevate productivity with the **LTI Tools by Milton Shockit Diesel NOx and Particulate Sensor Removal Kit**, No. LT996D.

Powered by an air hammer, this kit tackles stubborn, rusted sensors in hard-to-reach areas, saving hours of extra work. Its innovative design prevents thread damage, enhancing efficiency and minimizing errors. This versatile tool works on a wide range of vehicles, boosting effectiveness across tasks.

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LTI Tools by Milton

855-464-6458

promaxxtool.com

SPONSORED



INSULATED UP TO 1,000V

The **GEDORE VDE Tool Assortment Hybrid**, No. 2979063, is a comprehensive kit for repair and maintenance work on all hybrid and electric vehicles. All tools are insulated up to 1,000V according to EN 60900/IEC 60900 (up to AC 1,000V and DC 1,500V). The tools also comply with the Equipment and Product Safety Act (GSPG) according to the testing and certification office. The kit includes 3/8" VDE screwdriver bit sockets, cable cutters, various pliers, and more.

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EXTENDED BULB GRIPPERS

The **Cal-Van Tools Light Bulb Pliers**, No. 47, are designed to fit most mini and small automotive bulbs. Due to the bulbs' fragile nature, the pliers are outfitted with rubber-coated tips to make removal or installation more gentle. With their extended bulb grippers, these pliers are designed to help users get into hard-to-reach areas. The plier's extended reach is intended for the reach of recessed, corroded, or broken bulbs. As well as this, the tool features cushioned grips.

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ERGONOMICALLY DESIGNED

The **SureWerx MEGAComfort Safety and Occupational Insoles** are ergonomically designed by a doctor, using a patented combination of high-density dual layer memory foam. These insoles have been field tested to reduce pain and fatigue while also increasing balance. Featured in the insoles are shock absorption designed to be used in industrial footwear. Additionally, they can be used in steel toe footwear and are ideal for stationary, mobile, and outdoor work. The individual sizes of each insole eliminate the need for cutting and trimming to make them fit shoes or boots.

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EMITS UP TO 1,100 LM

The **Ledlenser P7R SE (Special Edition) Flashlight** takes the company's P7R Flashlight and gives it more illumination power (1,100 lm), a further beam distance (200m), and a longer run-time (40 hours). It still features the Ledlenser Advanced Focus System, allowing users to quickly focus the light beam as a spot or flood, without losing quality of light. With its floating charge system, the P7R SE charges back up quickly in its wall-mounted charging cradle and has the ability to also use alkaline batteries when no power source is available. The flashlight also features a pocket clip, a temperature control, and an end cap switch for easy use.

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RUGGED AND VERSATILE HANDSFREE WORKLIGHT

The **NextLED Rechargeable Neck Work Light**, No. NT-6633, is a rugged and versatile handsfree worklight. Its flexible gooseneck design and magnetic base allow for easy positioning. The rechargeable light comes with a type-C cable for quick charging and can withstand splashing water and drops up to 6'. The adjustable brightness with memory and COB LED provides 15 to 150 lm of light.

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TILTS 135 DEGREES FOR PRECISE LIGHT CONTROL

The **NEBO 2-pk MYCRO 250 Rechargeable Headlamp** offers convenience and adaptability in a compact design. The headlamp effortlessly converts into a cap light, emits three light modes, and tilts 135 degrees to allow precision light control. The MYCRO 250 utilizes the company's patent-pending Smart Power Control (SPC) technology to ensure smooth light transitions while conserving battery life as well as Direct-to-Low Startup technology which adapts to the surroundings while optimizing energy consumption. The light emits up to 250 lm on high and charges via included USB cable.

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THREE-POSITION RATCHETING TEMPLES

The **Thraxus Elite Safety Eyewear from Radians** are available with or without IQuity, Radians' intelligent anti-scratch, anti-fog technology. The Elite eyewear are engineered with the same patented edge design and cyclonic venting of the original high-performance Thraxus safety glasses. To provide a custom fit on a variety of head shapes and sizes, Elite also features three-position ratcheting temples with a wire core that allows for more adjustability. A soft brow further boosts the comfort level. Thraxus Elite IQuity incorporates even more features to offer ANSI Z87.1+ high impact protection, D4 dust and D3 liquid splash protection, as well as X anti-fog performance.

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FEATURES A 130-DEGREE BEAM ANGLE

The **Maxxeon WorkStar LightVisor Rechargeable Headlight** features a 130-degree beam angle, illuminating the wearer's entire field of vision to ensure maximum visibility. Its handsfree design allows users to easily adjust the angle of the light. It offers two brightness levels: high and low. On high, the light emits 600 lm and has a run-time of 3 hours. On low, it emits 300 lm and has a run-time of 6-1/2 hours. Additionally, the headlight has a charge time of 4-1/2 hours, has an IP65 waterproof rating, is able to withstand shocks up to 6', and includes a USB-C charging cord.

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WICKS AWAY SWEAT

The **Red Kap Short Sleeve Two Tone Pro+ Work Shirt with OilBlok and MIMIX** features a back mesh flex panel and under-arm gussets to enhance appearance and improve mobility and breathability. The shirt is made from Ripstop fabric which is lightweight yet durable and offers color retention, plus soil release while wicking sweat away from the body. Additionally, the work shirt provides extra stretch and has covered snaps to prevent surface scratches. Available in black/hi-vis yellow, charcoal/fireball, and navy/teal.

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PALM COATING ADAPTS TO MOST ENVIRONMENTS

Magid VersaTek Work Gloves feature a palm coating engineered to read the environment and adapt to amplify the worker's grip when working in wet, dry, slick, abrasive, or oily conditions. Along with the intelligent coating technology, VersaTek gloves are also designed for maximum comfort and flexibility so workers can maintain natural hand movements and precision when handling small parts. VersaTek is available on select Magid AeroDex and DX+ Technology styles.

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IDEAL FOR INSPECTION WORK

The **Milwaukee Tool REDLITHIUM USB 400L Neck Light**, No. 2117-21, is ideal for delivering lighting for inspection work and general tasks. It adapts to users' lighting needs with 90 degrees of vertical rotation for complete lighting head adjustment and features a press-and-hold power button, delivering up to 400 lm of TRUEVIEW high-definition output and two-and-half hours of run-time on high. The neck light is IP54 rated, designed to survive most chemicals found in automotive body shops, and impact resistant for drops up to 6'.

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USES 90 CRI LED FOR LOW LIGHT CONDITIONS

The **Streamlight Stinger Color-Rite** is a rechargeable LED flashlight that uses a high color rendering index (90 CRI) LED for enhanced visualization under low light conditions, allowing users to see the color spectrum as they would in natural light such as to match and identify colors in auto applications. The compact light offers three variable lighting modes plus a strobe: high (500 lm, 17,500 candela, 265m beam distance); medium (275 lm, 9,000 candela, 190m beam distance), and low (140 lm, 4,500 candela, 134m beam distance). Run times range from five hours on the low setting to 1.5 hours on high. The light is anodized against corrosion and is IPX4 water-resistant.

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BEADED CUFF AND RAISED DIAMOND PATTERN

The **Atlantic Safety Products Outrageous Orange Powder-Free Orange Nitrile Disposable Gloves** are designed to offer barrier protection. The gloves provide 8 mils of thickness, a raised diamond pattern to help with grip in wet conditions, a beaded cuff for preventing roll downs, and are touchscreen compatible. The gloves are also non-sterile and are not made from natural rubber latex.

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FOG AND UV PROTECTED

The **Brass Knuckle Slingshot Safety Glasses**, No. BKFLEX-4050AFP, feature BK-Anti-Fog+ technology for fog protection and elimination of 99.99 percent of damaging UV rays. The safety glasses have shatterproof lenses, extra-chunky molded nosepieces for added comfort, earpieces that fit snugly at the ears without putting the squeeze on temples, and are lightweight to prevent nose divots and keep the glasses in place.

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PRODUCT

READY FOR DEMANDING ENVIRONMENTS

Maneuver with greater mobility, powered by a series of new Ingersoll Rand cordless tools ready for the most demanding industrial and automotive environments. Engineered to conquer a range of applications, the **Ingersoll Rand IQV20 Cordless Compact Impact Wrenches** deliver maximum versatility, impressive power,

and cordless freedom in a compact form factor that boosts productivity all on the same IQV20 battery system for added convenience.

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Ingersoll Rand
800-483-4981
irtools.com

SPONSORED

MAXIMUM TORQUE OF 35 FT-LBS

The **Milwaukee Tool M12 FUEL 3/8" Extended Reach High Speed Ratchet** is able to fit into tight spaces while delivering up to 35 ft-lbs of maximum torque. Featuring a long reach and small head size, users can complete critical applications around automobiles and heavy duty equipment. The extended neck design provides more reach and its compact head profile and recessed forward-reverse shift knob reduces the width, providing access at 0.76". The high speed ratchet delivers 450 rpm, weighs just over 2 lbs, and is also available in 1/4".

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CUSTOM FIT TO PROTECT AGAINST DAMAGE

The **Boots-R-Us Protective Cover for Milwaukee Tool M18 1/2" Impact Wrench - 2767**, No. JB-62B, offers protection against damage, while also protecting the serial number that may be needed in case of product warranty issues. The boot is custom fit and built to last. Available in red, blue, and black. Made in the U.S.A.

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DESIGNED TO GRIP STRIPPED, FROZEN, AND DAMAGED SCREWS

The **GEARWRENCH Bolt Biter Screw Extractors** are designed to grip stripped, frozen, and damaged screws. The extractors use patented tapered sides to sit easily and safely into damaged screws, providing powerful and consistent extraction. The bidirectional design makes it easy to remove fasteners from the extractor after use and allows for fasteners to be retightened. The extractors are made from high-strength steel, have a black oxide coating for corrosion resistance, and have high-visibility laser markings for easy size identification. They are compatible with fastener sizes ≤ 1/4" to 5/8" and M5 to M16. Available in a 4-pc set, No. 84787, or a 10-pc set, No. 84786 (includes five sizes of extraction drill bits for removal needs).

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HEAT-TREATED FOR STRENGTH AND DURABILITY

The **ATD Tools 14-pc 3/4" Drive 6-Point SAE Deep Impact Socket Set**, No. 64114, is heat treated for strength and durability. Manufactured using chrome molybdenum alloy steel, the set meets or exceeds ANSI specifications.

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PINLESS CLUTCH MECHANISM

The **AME International Air Power Buddy (APB) Premium 1" Air Impact Wrench**, No. 79730, has a 1" drive, a 6" extended anvil, and a free speed of 5,000 rpm. The maximum reverse torque for this wrench is 2,000 ft-lbs and the working torque is between 1,800 to 2,000 ft-lbs. It is equipped with a pinless mechanism, swoop-back side handle for mobility and balance, three power settings for forward and reverse movement, and weighs 26.7 lbs.

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SIZES RANGE FROM 1/16" TO 1/2"

The **Cornwell Quality Tools TEMPEST Drill Bits** are designed to easily drill complete holes or enlarge existing holes through hardened steel, stainless steel, aluminum, and grade 8 bolts. Due to their serrated cutting/step drill edge geometry, the bits run cooler with less friction. Additionally, while their stepped tip prevents the bit from walking on rounded surfaces, their three shank design eliminates slippage. Sizes range from 1/16" to 1/2". They are made from heat treated M2 high-speed steel and are made in the U.S.A.

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MAXIMUM SPEED OF 8500 RPM

The **Martins Industries Impulse 1/2" LW Impact Wrench**, No. MX-LW1, is designed with a lightweight composite body, weighing only 5.2 lbs and produces 944 ft-lbs of torque with a maximum speed of 8,500 rpm. Equipped with a twin-hammer mechanism and with the four-position power regulator, users can seamlessly switch between power modes and adjust torque output for each task. With its ergonomic handle, the impact wrench lets users change direction with a simple forward/reverse push button for maximum control and performance.

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AVAILABLE IN THREE COLORS

The **Matco Tools 16V Cordless Infinium 3/8" Sealed Head Ratchet Kits** feature a fully sealed ratchet head to protect inner components from dust and debris, increasing tool durability to extend the life of the ratchet. A complete game changer, the one hand forward and reverse selector, located on the bottom of the tool head, makes directional changes easier when in tight spaces or if the user is backed into a tricky situation. The sealed head also prevents torque loss due to head spread, sustaining tool power and efficiency. It also features a high-power, trigger-activated LED to illuminate the work area as well as a durable aluminum and glass-filled nylon housing construction. Available in burgundy, green, and orange. Kits include tool, two batteries, charger, and nylon carry case.

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Matco Tools
866-BUY-TOOL
matcotools.com

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DELIVERS 600 FT-LBS OF MAXIMUM FASTENING TORQUE

The **DeWalt 20V Max XR 1/2" Mid-Range Impact Wrench with Hog Ring Anvil**, No. DCF891B, delivers 600 ft-lbs of maximum fastening torque and 800 ft-lbs of maximum breakaway torque. Designed to help prevent overtightening in forward, and run-off in reverse, the wrench integrates a Precision Wrench setting to help optimize user control. Users can utilize the updated four-mode push button switch to easily transition speeds when needed. The impact wrench weighs less than 4 lbs (tool only), making it ideal for applications where high torque is needed in compact spaces. It also offers an on-tool LED worklight.

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REMOVES DAMAGED AND FROZEN FASTENERS

The **ARES Tool 18-pc Combo Turbo Socket Set**, No. 29022, comes with 16 1/4" drive turbo sockets with SAE and metric size markings, a 1/4" drive hex adapter, a knockout pin, and a storage case. Socket sizes include 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, and 10mm. Made of premium hardened steel, the impact grade turbo sockets feature a helical teeth design that offers a secure grip and reduces slippage when removing damaged, tapered, rounded, or frozen fasteners. The set is ideal for automotive repair involving rusted and damaged fasteners, and small engine care.

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CATEGORY SPONSOR

STAY COOL ANYWHERE

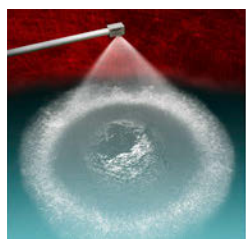
Cooler by **Cool Boss** is a three-in-one portable air conditioner designed to keep individuals cool and comfortable wherever work – or life – takes them, from the shop to the shore. Cooler combines an air conditioner, ice chest, and Bluetooth player in one conveniently portable package. The Cooler CL-240 is equipped with dual high-speed fans and multidirectional air flow nozzles to provide ice-chilled air wherever it's needed. It's ideal for mobile service operations, outdoor repair bays, and shops where the HVAC system doesn't quite cut it. Cooler creates a personal oasis anywhere with tunes, refreshments, and chilled air.

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Cool Boss
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coolboss.com/cooler

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FOR COOLING AND WASHING

The **Exair 1/2 NPT HollowStream Cone Liquid Atomizing Spray Nozzle** provides a hollow cone spray pattern for pressurized liquids and is ideal for cooling, cleaning, rinsing, and dust suppression applications. The tangential flow design is vaneless, with wide open internal features to resist clogging. The liquid nozzle produces a uniform distribution of liquid in a ring pattern with medium to large droplets. Its right-angle design is compact and can fit in small areas. Additionally, the nozzle has a liquid operating pressure of up to 250 psi, is made from type 303 stainless-steel for durability and corrosion resistance, is CE compliant, and is available in a variety of flow rates.

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EQUIPPED WITH TWO PUMPS AND TWO ELECTRIC MOTORS

The **Single and Two-Stage Duplex Air Compressors** from **Jenny Products** are each equipped with two pumps and two electric motors, which can be operated separately or at the same time. This allows the second pump to serve as a back-up or complement the first pump in order to accommodate greater air flow needs. The duplex compressors are powered by industrial-duty electric motors and come with ASME-certified air tanks. Single-stage models are available with 60- and 80-gallon tanks and provide 19.6 to 55.6 cfm at 125 psi. Two-stage models are offered with 120- and 240-gallon capacities and produce 36.6 to 214 cfm at 175 psi.

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STORES 48 1/4" HEX DRIVE BITS

The **Snap-on Flexible Magnetic Bit Holder**, No. FLEXBITHLDR, is designed to maximize storage on flat or curved metallic surfaces. The non-marring silicone polymer bit holder has neodymium magnets on both the front and back and holds up to 48 1/4" hex drive bits, ensuring easy access to frequently used tools and helping maintain an organized workspace. The integrated pull tab allows for easy removal and is a convenient way to carry the bit holder anywhere in the shop. The design and magnetic strength are ideal for any toolbox, workstation, or cart (bits not included).

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520 LB CASTER CAPACITY

The **Homak Manufacturing 43" Big Dawg 6-Drawer Service Cart** features a 25" deep design with six drawers. The lockable top till includes a power strip for storing valuables or electronics. Drawers are secured by a lift latch feature to prevent them from accidentally opening. Each drawer is fully extendable, can hold up to 100 lbs, and is lined with non-slip PVC foam. The service cart also offers a UV protective high-gloss finish and chrome casters. The caster capacity of 520 lbs keeps all tools convenient and portable.

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FEATURED PRODUCT

HOLDS SHALLOW, SEMI-DEEP, AND DEEP SOCKETS

The **Hansen Global 3 Row Socket Tray** holds shallow, semi-deep, and deep sockets all on one tray and is constructed of tough ABS plastic to resist oil and grease. Posts are beefed-up to hold sockets more securely and are pad-printed with socket size for easy identification and to immediately identify any missing sockets. Trays are available individually in 1/2" SAE (No. 12013), 1/2" Metric (No. 12023), 3/8" SAE (No. 38013), 3/8" Metric (No. 38023), 1/4" SAE (No. 14013), 1/4" Metric (No. 14023), or in a four-pack (No. 92003) that includes 3/8" and 1/4" trays. Six-pack (No. 92013) is also available to include one of each socket tray. Made in the USA.

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Hansen Global Inc.
877-793-5213
hansenglobalinc.com

SPONSORED

FEATURES A DOUBLE PUMP DESIGN

The **Ascot Supply 4-Ton Floor Jack** features a double pump design for quick lifting and improved efficiency. Its heavy steel construction ensures maximum durability and longevity. It also has a foot pedal for handsfree positioning. With a lift range between 4-3/8" and 20-1/4", it's ideal for many vehicle types. Includes a one-year limited warranty.

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HAS 18 LOCKING HEIGHT POSITIONS

The **Tuxedo Distributors iDEAL FP14KAC-X 14,000 lbs Four-Post Commercial Alignment Lift** is designed for cars, SUVs, and trucks. Safety features include both narrow and wide runway mounting positions, an extended rise height, and a hydraulic/mechanical cable lift system with slack cable safety devices. It also offers 18 locking height positions, full-width rear wheel slip plates, two turntable positions with spacer covers, a single-point pneumatic lock release, and includes self-chocking ramps and wheel stops. The lift has an overall length of 252-1/2" (with ramp), overall width of 142" (with power unit), and an overall height of 92-1/2".

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DIAMETER OPTIONS RANGING FROM 12' TO 30'

The **Big Ass Fans Powerfoil X4** is engineered to improve indoor air quality and occupant comfort. Purpose built to provide maximum airflow in even the toughest conditions, the Powerfoil X4 raises the bar on comfort, safety, and quality for industrial fans. It features a full-fan IP56 rating for use in harsh environments, a redesigned airfoil system, and diameter options ranging from 12' to 30'.

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BIG ASS FANS®

Big Ass Fans
877-244-3267
bigassfans.com

SPONSORED



PROVIDES VENTILATION TO WHERE IT'S NEEDED

The **COExhaust Sliding Suction Rails** are designed to easily provide the required ventilation to the spot where it is needed. The rails can be equipped with reels or simply a hanging hose. The rail system utilizes a 5" or 6" diameter rail profile, depending on required air volume, and is manufactured of extruded aluminum, making it seamless and one piece. No bolting together or sealing of the rail is required. The rail incorporates opposing rubber lips which seal under the negative pressure and only open as the trolley passes through and spreads them, allowing them to reseal behind the trolley.

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EXTRA WIDE BASE FOR STABILITY

The **ATD Tools 1/2-Ton Hydraulic Telescope Transmission Jack**, No. 7429, features an extra wide base for stability. It has a capacity of 1,000 lbs and rises to a maximum height of 74.8". Its adjustable saddle tilts in both directions and when expanded it has an area of 13.58" by 13.78". The transmission jack also features a chrome-plated ram for smooth operation and a welded hydraulic pump for durability. It meets or exceeds ASME/PASE 2019 standards.

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PNEUMATICALLY POWERED WITH FOOT PEDAL CONTROLS

The **Tire Mechanics Resource Air Operated Tire Spreader** is designed to provide a stable platform to complete all types of tire repair work, including tire inspection, cutting, buffing, cleaning, patching, and more. With fully adjustable clamping arms, the tire spreader is built to handle a variety of tires. Pneumatically powered operation with foot pedal controls, the tire spreader will hold the bead and sidewalls during inspection and/or repairs. The Air Operated Tire Spreader is adjustable in five stages with a maximum enlargement of 13.8", and includes an adjustable light and attached tool pan.

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1-1/2" GROUND CLEARANCE

The **Heavy Duty Creeper with Adjustable Headrest, Tool Tray, and Magnetic Light**, No. 1010931, from **LDS Industries** is designed for rugged shop and service center low-working height applications. With an envelope welded 1" tubular steel frame, the creeper has a capacity of 500 lbs. It features a 20" extra-wide bed with a contoured and three-position adjustable headrest, as well as a parts tray that can be positioned on either side of the creeper. It has a 1-1/2" ground clearance, an LED with magnetic holder, and six 3" industrial non-marking, oil-resistant casters. The creeper measures 44" in length, 20" in width, and 5" in height. It weighs 30 lbs. Also available without light and tool tray (No. 1010903) and with just the tool tray (No. 1010930).

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FEATURED
PRODUCT

GIVES TECHS A MORE HANDS-ON APPROACH

The new center-clamp **Maverick Tire Changer** from **Hunter Engineering** allows technicians to take charge of tire changing by combining low-speed precision control with faster, fully variable operation. Fully designed and built in the U.S., the simple, four-joystick layout provides ideal tactile feedback for precision placement of the rollers and mount/demount head. It also includes a telescopic chassis and automatic tool head articulation to match rim diameter from 10" to 34". The leverless head utilizes a tool and hook mechanism for maximum wheel protection, while the exclusive InflationStation feature allows technicians to multitask by providing walkaway inflation.

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BACKED BY AN AUTO-ENGAGE CLUTCH

The **JET Tools JLA Compact Lever Hoist Series** includes three models: 0.75-ton, 1.5-ton, and 3-ton. All feature a compact design, allowing users to get into tight areas. With safety at the forefront, the hoists are backed by an auto-engage clutch that allows for easy load chain adjustment while protecting against accidental freewheeling under load. Each model also offers a fused brake for low maintenance safety, Zinc-plated Grade 100 load chain, cast steel latches, a western-style double pawl system for added safety, and a short handle to get into tight areas.

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FEATURES A QUICK-ACCESS DOOR

Milwaukee Tool's PACKOUT Storage Cabinet, No. 48-22-844, features secure hang and stack functionality with modularity on the top, bottom, and on back of the toolbox. This allows the storage cabinet to hang on any wall-mounted PACKOUT Plate and stack with any other PACKOUT solutions. The cabinet features a quick-access door that lets techs grab tools and other work site needs. It's constructed with impact-resistant polymers to withstand the harsh demands of a work site or shop. The cabinet measures 14.5" long by 14.7" tall, weighs 16 lbs empty, and has a 50 lb weight capacity.

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CAPTURES MATERIALS DOWN TO 0.3 MICRONS

The **Dynabrade Mega-Raptor Vac** is a multi-industry clean air solution with fully integrated features designed to improve an operator's working conditions as well as extend vacuum longevity. Its large 20-gal collection capacity extends time between bag changes, enhancing overall operator productivity and is optimal for a two-operator workstation. Single and dual operator settings assure ample lift and flow performance per operator. Designed only for dry operation, the vacuums offer two-stage filtration that captures materials down to 0.3 microns. It also features built-in overload protection that will shut down the system and a reduced air flow indicator that prompts filter, hose, or bag maintenance.

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OFFERS UP TO 360 DEGREES OF LIGHTING

The **STKR TRiLIGHT ShopLight V2** combines the features of a shop light with the benefits of a drop light. It quickly transforms from a 360-degree 5,000 true lumen drop light into an omni-directional shop light, and any light pattern in-between. The three aluminum LED heads function as a heat sink, ensuring the LEDs always operate at the lowest temperature possible. The base includes a hook to hang the shop light from the hood of a car. The TRiLIGHT ShopLight V2 can be utilized as a handheld inspection light, propped up on the LED heads as a free-standing light, or hung for handsfree use.

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HAS AN OIL-FREE PUMP

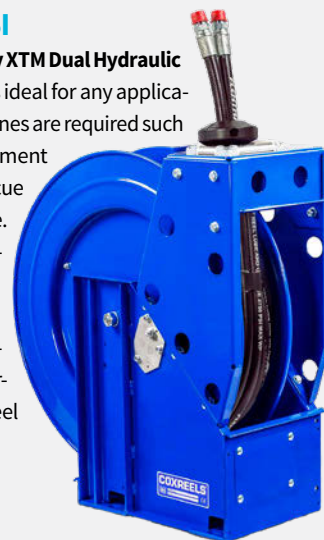
The **Forney Industries Fornair 4.5 CRM Air Compressor**, No. 555, is built to last with its 4-gallon steel tank for durability and lower rpm output for longer motor and pump life. The air compressor features a built-in moisture separator and an oil-free pump for maintenance free operation. It provides optimal psi (120 maximum psi) to operate pneumatic tools and has large gauges for easy monitoring of tank and line pressure. It also offers an auto on/off option, two built-in 1/4" air outlet quick connects, and includes a wheel kit and luggage handle. **Circle 169 on card or click "PTEN e-inquiry" on VehicleServicePros.com**

★ ★ ★ ★ ★
**FEATURED
PRODUCT**
★ ★ ★ ★ ★

RATED TO 2,500 PSI

The **Coxreels Extreme Duty XTM Dual Hydraulic Reel**, No. XTM-DMP-450, is ideal for any application where dual hydraulic lines are required such as remote hydraulic equipment or accessories, including rescue tools, motors, saws, and more. Coxreels' single-sided, dual-bodied hydraulic swivel is featured on this reel allowing for the inlet connections to both be on the same side of the reel. The hose included on the with-hose models is a twin-line fully bonded hose for smooth performance and handling. The Extreme Duty XTM Reel is rated to 2,500 psi and U.S.A. made.

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FEATURED
PRODUCT

PROVIDES ANTI-FATIGUE CUSHION AND SUPPORT

The **WeatherTech ComfortMat Connect** is ideal for those who work on their feet all day. This extendable, interlocking mat provides anti-fatigue cushion and support that lasts all day. It comes in middle, end, and corner pieces so workers can shape it to their space. The SnapLink system makes it easy to lay it out in a line, around corners, or encircle

objects like workbenches and machines. Plus, it features beveled outer edges for safety, along with a textured surface and underside for traction under worker's feet and on the floor.

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WeatherTech®

WeatherTech
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AVAILABLE IN VARIOUS COLORS

The **Cornwell Quality Tools ARCA Tool Storage** lineup consists of a 57" 8-Drawer Double Bank Roller Cabinet and a 79" 13-Drawer Triple Bank Roller Cabinet, along with canopies and lockers. The ARCA tool storage features dual roll cage construction, Accuride drawer slides, a lock mechanism, 6" by 2" glass-reinforced casters, and a textured mid-gloss finish. The drawer slides operate well under load and reduce drawer droop when the drawer is at full extension. Latching also works well even if the box is on an uneven floor. Available in various colors: ignition orange, lightning yellow, torch blue, vapor, smoke, storm, and shadow.

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HOLDS UP TO 18 ONE-QUART BOTTLES

The **JohnDow Industries Oil Container Drainer**, No. JDI-CD21, allows technicians to safely and easily drain oil bottles before recycling by placing them upside down on the Oil Container Drainer pegs to drain excess oil. Since repair facilities must properly drain or remove oil to the extent where there are no visible signs of free-flowing oil remaining in the bottle, the Oil Container Drainer easily connects to a drum to provide a safe way to drain and dispose of excess oil from the containers. Notable features include heavy duty steel construction, capacity up to 18 one-quart bottles, easily secures on drums with 2" bung adapter, side support bars keep lid open at 45 degrees, and the lid is secure and is easy to lock.

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SERVICES TIRE RIMS FROM 10" TO 30" IN DIAMETER

The **Coats 90C Center Clamp Tire Changer** features a center locking-clamp design that is easy to use, fast, and helps prevent metal-to-metal contact with customer wheels. It also comes standard with a leverless duckhead mount/demount tool and auxiliary bead sealer. The leverless duckhead acts as a traditional helper device and eliminates traditional tire tools that can mar the surface due to application difficulty, the company says. The Coats Auxiliary Bead Sealer (ABS) is designed to tap into the tire changers surge tank, providing additional bead seating volume. The ABS also assists with sealing difficult applications. The 90C is capable of servicing tire rims from 10" to 30" in diameter.

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HAS SEVEN BALANCING MODES

The **Updated DB-70 Automatic Wheel Balancer** from Danmar offers digital sensor technology for reliable, consistent performance as well as seven balancing modes and the ability to handle wheels up to 28" in diameter. The DB-70 has a touch-pad panel that displays tire and wheel assembly graphics designed to simplify the process of entering wheel data. With the wheel on the balancer, the DB-70 automatically calculates the precise amount and location of weight needed for optimal balance in just seven seconds, says the company. For larger wheels, the DB-70 comes with a truck cone/space ring adapter set.

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HAS A LIFTING RANGE FROM 3" TO 21"

The **OTC 2-Ton Low Profile Long Reach Service Jack**, No. LDJ2, is ideal for general service and high-volume service shops looking to lift midsize cars, trucks, SUVs and compact cars and SUVs. Safety-tested design provides lifting with an extended reach to accommodate OE lifting points, and a low profile for vehicles with low-to-ground aerodynamic treatments. The LDJ2 has a lifting range from 3" to 21", a reach of 69", four casters (two front fixed, two rear swivel), a frame height of 2.75", and a 4" diameter round rubberized saddle. The handle measures 50" in length.

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FEATURED
PRODUCT

FEATURES A DUAL-CHAMBER DESIGN

The **Oni Tools Fuel System Priming Pump for Detroit Diesel S60 MBE 900 MBE 40000 DD13**

DD15, No. ONI581T, features a dual-chamber design, an ergonomic handle, a built-in temperature gauge, and a pressure gauge to provide an ideal user experience. Users can also pressurize the tank manually with the handle or with a compressor via the Schrader valve. This feature enables faster and more accurate pressurization to reach the exact psi levels required. Additionally, the priming pump has a specific fitment for priming, ensuring a tight and secure connection between the pump and the fluid source, as well as a pressure release valve for added safety.

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**ONI
TOOLS**



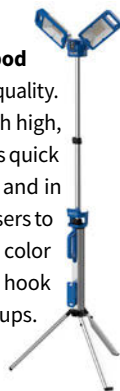
ONI Tools
844-664-8665
onitools.com

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ADJUSTS UP TO 75.5"

The **NextLED Ultimate Series NT-6926M Cordless Tripod Work Light** is designed to provide high performance and quality. The LED can illuminate up to 6,000 lm in brightness with high, medium, and low options. Its 8,000 mAh Li-ion battery is quick to recharge and continues to charge while plugged in and in use, eliminating downtime. The remote control allows users to conveniently adjust the brightness levels with two light color choices, while the detachable magnetic lamp head with hook design offers maximum flexibility for various lighting setups. The tripod can extend to 75.5".

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IN-DRAWER CHARGING SYSTEM

The **U.S. General Series 3 72" Roll Cabinet** from **Harbor Freight** features a 6,600 lb weight capacity and comes in eight colors, each with black trim. It has 14 drawers, including two double-width top drawers for storing larger tools. An in-drawer charging system provides five 120V outlets and two USB outlets to charge tools and batteries. Other drawer features include full-length latches, a single locking system, and 120 lb weight capacity for each pair of ball bearing slides. Four 6" casters, two fixed and two swivel-locking, allow the unit to be moved easily around a workspace. To minimize tool drawer movement, pre-cut nonslip drawer liners are included.

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RELIEVE LABOR HOUR DEMANDS

Innovation Award winning and patented **Shadow Tool Staging System's** space-saving design (36"W x 30"D) transforms for use into a large barrier-free tool wall.

This open tool access speeds repair by both reducing physical motions up to 66 percent and allowing visual cues for rapid tool selection/return, plus visual inventory control is constant which reduces tool loss. These are proven 5S Lean Manufacturing practices which Shadow now provides for high tool volume industries to use throughout their facility, helping to save 30 to 90 minutes/day/mechanic and increasing profits. Customizable/Power/Advanced Line-of-Site Computer Control Options/Two Models.

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Shadow Tool Company
844-742-3698
shadowstagingssystem.com

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COMPACT DESIGN AT 12" HIGH

The **Makita USA 40V Max XGT Cordless Work Light**, No. ML009G, delivers bright illumination, versatility, and convenience. The ML009G has three modes of operation that provide 10,000 lm on high, 4,000 lm on medium, and 2,000 lm on low. The ML009G offers up to 14 hours of continuous illumination with two 4.0Ah 40V Max XGT batteries on low. The worklight is dust and water-resistant (IP65 rated), and can be mounted on an optional tripod light stand individually or with two worklights. A convenient carrying handle folds down when needed.

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HOLDS BITS FIRMLY IN PLACE

The **Bit Buddy** from **Ernst Manufacturing** measures 8" in length and fits up to 30 bits. With rare-earth magnetics, the Bit Buddy holds strong whether on the side of a toolbox or upside down. Its taper lock system keeps bits firmly in place and releases them easily when needed. The bit organizer also has a specifically designed hole that fits one 3/8" drive chuck and offers three configuration options for long and short bits. Available in black/red and hi-vis/black color combinations.

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SOLVENT FREE, NATURAL-BASED CLEANER

MAGIC Hand Cleaner is a heavy duty, solvent free, natural-based cleaner designed to clean and protect industrial hands. A thick, concentrated formula fortified with natural walnut shell exfoliants and soothing emollients that leave hands feeling refreshed and clean. Available in 400mL, 2.5L, and 3.55L size containers with customized dispensing equipment.

Ideal item to stock on mobile tool trucks for auto professionals at body shops, quick lube stops, dealerships, and more. Zenex offers private label services on over 150 aerosol and 400 plus liquid, hand soap, and wet wipe products.

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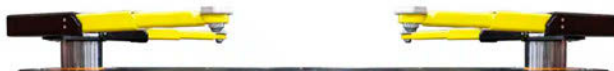
Zenex International
+1 440-232-4155
zenexint.com

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EXTRA-WIDE DRIVE-THROUGH CLEARANCE

The **Challenger Lifts EW1020 Wide Inground Lift** features a lifting capacity of 10,000 lbs and an extra-wide drive-through clearance for servicing wide-bodied and electric vehicles. The hydraulic inground lift comes standard with True three-stage front and rear arms and double-telescoping screw pads. Bench-mounted controls are optional. Each arm has a capacity of 2,500 lbs and each screw pad adjusts from 4" to 6.125". The EW1020 has a rise height of 78", an overall width of 118", and a drive-through clearance of 88".

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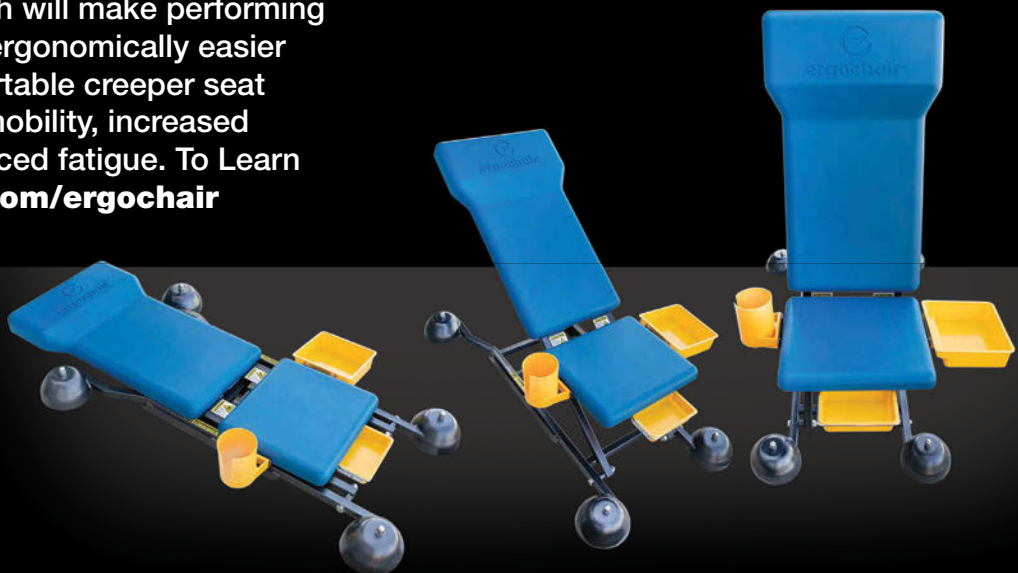
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FEATURED PRODUCT

NO AIR, HAND PUMPS, OR SPILLAGE

Macnaught's Battery Operated Oil Pump has changed how oils, coolants, and ATF are dispensed. The patented system utilizes an 18V battery to quickly and safely dispense hydraulic and engine oils

up to 140W / ISO6800. Designed

to dispense oil from five, 16, and 55 gallon containers. Delivers 40 gallons on a full charge at 1.5+ gpm and comes with a two year warranty. Made in Australia and globally tested under the harshest conditions. Ideal for garages, farm equipment, and mobile technicians.

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Macnaught USA

813-628-5506

macnaughtusa.com

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HOLDS TOOLS TO CURVED OR TILTED FERROUS SURFACES

The **EZRED MAGMAT Magnetic Flexible Tool Mat** is a multi-purpose tool organizer that holds parts and tools to any curved or tilted ferrous surface. Made of non-marring TPEE material, the tool mat will fold, bend, or roll any way needed while always returning to its original shape. Its strong neodymium magnets hold tools, hammers, wrenches, sockets, drill bits, nuts, bolts, and more. The MAGMAT also features a low profile with a large surface area. It measures less than 1/4" tall and is 8.75" in length and 5.5" in width.

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AVAILABLE IN FIVE, SEVEN, AND EIGHT DRAWER CONFIGURATIONS

The **RSC24 Mobile Roller Cab** from **Beta Tools** features a reinforced ABS worktop designed with eight holes for screwdrivers and is able to support top boxes. The Beta RSC24 evolved from the C24S toolbox, bringing racing character and high performance to the shop. It offers removable drawers, protective rubber mats, two swivel and two fixed casters, and a front centralized safety lock. Additionally, it has a 1,763 lb static load capacity and all drawers roll on ball-bearing slides. Available in different color combinations and in five, seven, and eight drawer configurations. Optional accessories include: perforated tool panel, computer bracket, document file holder, side mount folding shelf, paper roll holder, and a wooden worktop.

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INCLUDES REDESIGNED SOFTWARE INTERFACE

The **John Bean B2000P Wheel Balancer Update** includes a redesigned software user interface to improve functionality and performance. Enhancements to the B2000P interface include the automatic data entry feature that automatically detects all wheel dimensions, resulting in an automatic selection of the balancing mode, weight type and positions. Another key element is its laser 3D surface mapping, which utilizes a high-resolution camera and laser-based technology to provide sidewall analysis, as well as depth, wear, and tire surface abnormalities that are displayed in an easy-to-read format. Additionally, the optiLine software interface suggests the optimal location for each wheel in the set based on a pre-determined set of criteria.

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CAPABLE OF LIFTING UP TO 4,000 LBS

The **BendPak Mobi-EVS EV4000SL EV Battery and Powertrain Lift Table** is a push-around full-rise scissor lift table that is ideal for EV service and battery pack replacement. The 40" by 60" platform is capable of lifting up to 4,000 lbs. With a press of the button on the pendant control, the space-saving lift platform elevates to more than 6' in less than 20 seconds, the company says. Other notable features include full-length utility trays on both sides, a stowable tow bar, a heavy duty 12V DC power unit with deep cycle battery, an onboard battery charger, manual floor locks, and zero-throw casters. The lift also meets or exceeds the standards prescribed by ASME PASE 2019.

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FITS THE SHAPE AND POSITION OF ANY CAR

The **Plymovent Internal Grabber** is a universal, vehicle exhaust extraction nozzle designed to fit the shape and position of any car and pickup truck exhaust tailpipe. Due to the protruding beak and ergonomic body, the Internal Grabber nozzle is easy to attach to virtually any vehicle exhaust tailpipe. The Internal Grabber connects to standard horizontal discharges, dual tailpipes, and flush tailpipes that exit through the vehicle bumper. It's easy to attach and features an extendable nozzle skirt to dock close to body work, a 360-degree pivoting collar to accommodate a single tailpipe or dual tip tailpipe, dual exhaust capability, and a self-aligning squeeze grip for a smooth attachment to the tailpipe. It also has a built-in damper that opens/closes automatically, and is compatible with any hose brand.

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TRAY SECURES TO ANY STEEL SURFACE

The **Olsa Tools 27-pc 3/8" SAE Socket and Magnetic Socket Organizer Set**, No. 1436, enables technicians to store deep and shallow chrome sockets in a drawer or mounted to the side of their toolbox. With its ferrous magnetic base, the socket holder is able to keep the sockets in the tray and the tray secured to any steel surface. The 3/8" chrome sockets include SAE sizes in deep and shallow profiles from 1/4" to 1" with every 1/16th of an inch: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, and 1". The six-point sockets feature large, easy-to-read stamped markings for instant identification and are constructed from Cr-V steel for strength and durability.

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FEATURED PRODUCT

FAST AND EASY ADJUSTABLE PRESSURE CLEANING WANDS

The **Lisle Radiator Genie Water and Air Cleaning Wands**, Nos. 88500 and 88600, are designed for high efficiency cooling systems, all types of radiators, and other hard-to-reach places. Fast and easy adjustable pressure cleaning wands. Patented fan head, U.S. Patent 8,573,237, increases pressure and working width. Special sized tube to access confined areas. The Radiator Genie Industrial features a 50" XL wand for hard-to-reach places on large, industrial equipment. Interchangeable air fitting comes with M-style connector, but can be used with any style. Can be used on a variety of machines that operate in dirty outdoor environments.

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Lisle Corporation
712-542-5101
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DESIGNED TO CHEMICALLY LOOSEN THE BOND CAUSED BY RUST AND CORROSION

Cre-Oil Penetrating Oil is a powerful solution for breaking through rust and corrosion, allowing quick and easy disassembly of the parts being worked on. Its unique industrial-strength formula penetrates deeply through grease, oils, and debris to quickly reach the corroded threads and breaks free rusted parts. Additionally, it leaves a long-lasting protective film that prevents future rust and corrosion. Cre-Oil is ideal for use in automotive, industrial, farm, and marine applications. Cre-Oil's low odor properties make it a great choice to use in areas where an offensive odor cannot be tolerated.

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CRE-OIL™
PENETRATING OIL

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creoil.com

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FEATURES A 360 DEGREE FULL SWIVEL HEAD

The **SP Tools USA Compact COB LED Work Light**, No. SP81448, is ideal for any workspace with its 360 degree full swivel head and magnetic base. The high-powered 100 lm to 700 lm COB LED provides lighting in hard-to-reach areas, while its 360 degree full-swivel head allows users to direct the light exactly where they need it. The worklight offers three LED modes and has a maximum 14 hour run-time.

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FEATURED
PRODUCT

VERSATILE ALL-IN-ONE TOOL

The **Matco Tools MWLJUMP** is not only a portable jump starter but also has integrated 7W COB rechargeable work and UV lights. It can easily jump-start cars up to 12V with 3L gasoline and 2L diesel engines and a peak current of 500A. The work light has a 1W UV light and a strong magnetic base with a hook at the top and bottom and a 180-degree swiveling base. The LCD screen displays the power level, left working hours, voltage of the battery, and light modes. The MWLJUMP has IP54-rated protection against dust and water. The smart clamp with alligator cables provides protection against overcharge, over-current, short circuits, and more. Comes with SOS and alarm functions to indicate when to jumpstart the vehicle.

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Matco Tools
866-BUY-TOOL
matcotools.com

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FITS CUMMINS SEALS ON ISX, QSX, ISX15, AND ISX12 ENGINES

The **CTA Tools ISX Rear Camshaft Seal and Sleeve Remover and Installer Set**, No. 3895, is designed to easily install and remove crankshaft rear main seals and wear sleeves on a wide range of Cummins engines, including ISX, QSX, ISX15, and ISX12 models. Made from high-standard carbon steel. The tool uses the flywheel CAD screws and positions the rear seal properly when pulled flush to the flywheel housing. It also uses self-tapping screws to attach the tool to the seal. The forcing screw is then able to pull the tool and remove the seal.

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FOR CUMMINS, CAT, AND MACK ENGINES

The **Oni Tools Universal Cylinder Liner Puller Kit**, No. ONI300T, is designed to directly replace OEM part numbers PT-6400-C, M50010-B, 3376015, ZTSE2536, and PT-6410-5. The universal liner extractor set works on wet liners from 3-7/8" to 6-1/4" bore, up to 15" deep, with a minimum wall thickness of .148". It's used to safely and correctly remove the cylinder liners while avoiding damage to the cylinders block. The kit is made from a heavy duty steel structure, machined and finished with powder coating to resist corrosion and to ensure long-term and reliable performance.

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CHARGES BATTERY PACKS OF UP TO EIGHT BATTERIES AT ONCE

The **AutoMeter Fully Automatic Heavy Duty Smart Charger**, No. BPC-100, features a switching power supply design that allows for high-efficiency charging of a single battery, or battery packs of up to eight batteries at once without the need to separate the pack. With fast charge and full charge options, users can safely charge both standard/flooded and AGM batteries. The BPC-100 can accept input voltages ranging from 100V to 240V AC and has a charging output of up to 100A. The counter feature displaying the remaining charge time and automatic shut off facilitates optimal utilization of shop labor. It includes a carrying handle, two gauge cables with heavy duty clamps, and an audible charge completion alert.

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FEATURES A REMOVABLE TANK FOR TRANSPORT

The **Carlyle Tools ACM Series** is designed to efficiently recover, recycle, and recharge automotive A/C systems. The A/C machines are compatible with both electric and traditional engine-driven compressors. Built with a welded steel frame, the units' heavy duty construction is made to last. They also feature patented motor-controlled ball valves, a patented oilless compressor, and have a removable tank for transport. Available in three models.

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FOR MORE INFORMATION ON THESE PRODUCTS,
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EXTENDS LIFE OF A/C COMPONENTS

Liqui Moly's A/C System Cleaner is designed to improve the efficiency and lifespan of HVAC systems as well as to create a healthier environment inside the vehicle. The A/C System Cleaner solution is formulated to remove bacteria, mold, and other contaminants from the evaporator, its casing, and the A/C unit's ducting. The A/C System Cleaner helps restore the system to optimal performance, extending the life of the A/C components and reducing energy consumption.

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COMMONLY-USED HEATER HOSE FITTINGS

The **S.U.R.&R. Coolant Line Connector Repair Kit**, No. CLC50, is designed to make coolant line repairs simple by providing a convenient assortment of most commonly-used heater hose fittings to easily replace cracked or damaged OE connectors. The 75-pc kit includes 28 fittings plus seal clamps, retaining clips, and 360-degree seal clamp pliers. The easy-to-install fittings can be used for select EVAP repair applications and is ideal for common Chevrolet Cruze, Chevrolet Silverado, and Dodge Grand Caravan applications.

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FOR USE WITH AN AIR HAMMER

The **Lisle Corporation 10-pc Pneumatic Fan Clutch Wrench Set**, No. 43350, is designed to quickly remove and install the fan clutch when repairing the water pump or fan clutch. The set includes nine driving wrenches that fit Ford, GM, VW, BMW, Chrysler, and International. Driving wrench sizes include: 7/8", 32mm, 36mm, 40mm thin, 47mm, 1-7/8", 2", 52mm for 2019 and newer Duramax, and 2-1/8" for newer International. Use with an air hammer.

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HAS AN INTUITIVE, USER-FRIENDLY INTERFACE

The **E-XTEQ E-Maximus** is available in two options: a battery pack charger and a rescuer. Both are compatible with worldwide power circuits, have Wi-Fi connectivity for wireless updates, and job data transfers through Argo's cloud-based system and exportable service records. They each also provide an intuitive, user-friendly interface with an icon

driven menu and navigation knob for ease of use.

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DELIVERS 1,200 CRANKING AMPS

The **WeeGo 120 Jump Starter** delivers 1,200 cranking amps and features a bypass button that allows users to jump a completely dead battery. It's rated for all gas engines and diesel engines up to 15L. With the included 30" detachable clamps, users can access remote batteries and posts more easily. The WeeGo 120 can also detect low voltage and provide support to raise and maintain the voltage of a vehicle's 12V battery to a level safe for jump starting. It also doubles as a portable power source for recharging USB devices and 12V tools. The reinforced case is IP65 rated for water, dust, and dirt resistance.

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New Relay Buddy!

194 Super Relay Buddy®



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- Tests 7 different 12 volt relays
- More effective test finds intermittently bad relays

195 Super Relay Buddy® Pro Kit

- Kit includes adapters for expanded test coverage - 10 different 12V relays



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FEATURED
PRODUCT

VERSATILE KNOB CONTROLLED SHOP CHARGER

The **PRO-LOGIX 12V 40/15/5/225A Wheel Charger with PS Mode and Engine Start**, No. PL3740, from **Clore Automotive** is designed to deliver versatile service to today's busy shops, from battery charging and engine starting to power supply support for a variety of applications. With charge rates to 40A, the unit makes quick work of even the largest batteries, with specific settings for flooded and AGM/spiral wound batteries. The PL3740 features a knob control for easy operation, 225A engine start assistance, temperature compensation, a multi-phase charging process, and a Power Supply mode for diagnosis, repair, and maintenance applications.

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Clore Automotive

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KEEPS POWER STEERING SEALS SOFT AND PLIABLE

The **Bar's Leaks Power Steering Stop Leak Concentrate**, No.1630, is designed to stop leaks in seals and O-rings caused by normal power steering system wear and age. The non-corrosive, non-clogging, and non-foaming formula works on rack and pinion units, gear boxes, and pumps. It keeps power steering seals soft and pliable. It also works with all domestic, import, and heavy duty power steering fluids, including petroleum, mineral oil, synthetics, and ATF automatic transmission fluid. One bottle treats up to 3 qt of fluid.

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JUMP STARTS BOTH 12V GAS AND DIESEL ENGINES

The **SP Tools USA HD Diesel 1600A Jump Starter / Jump Box**, No. SP61073, is a compact, high-density jump starter designed to supply a lot of power in a short time to start both 12V gas or diesel engines up to 10L in capacity. The jump pack is equally suitable to jump-start motorcycles, ride-on mowers, cars, outboard motors, etc. While not being used as a jump starter, it can be used to power or charge low-voltage accessories and USB-compatible electronics. The storage case with EVA insert includes 14 interchangeable tips and cords to connect to most devices, extra heavy duty cable clamps, and chargers.

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SERVICES BOTH R-134A AND R-123YF

The **TEXA Konfort 780 Dual Gas Touch A/C Recovery Machine** is designed to allow users to alternate services on vehicles equipped with refrigerants R-134a and R-123yf, since it has two tanks and two separate circuits for recovery, recycling, and recharging. The service process is automated. Other notable features include airtight oil bottles, a scale locking/unlocking device, a refrigerant weight accuracy check system, and an automatic cleaning device for all the hydraulic ducts. The Konfort 780 Bi-Gas Touch also sports a 10" color multi-touchscreen display, Wi-Fi connectivity, and a Bluetooth module which allows users to connect the station with several accessories such as an A/C efficiency kit, built in thermal printer, dedicated phone app for remote access, and more.

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FOR TWO OR THREE-HOLE APPLICATIONS

The **Performance Tool Harmonic Balancer Puller**, No. 160, is designed to remove balancers, pulleys, and gears. It features four slots in the yoke, allowing for two or three-hole applications. The puller is constructed from drop forged heat-treated alloy steel for strength and durability. It bolts to the balancer with a center screw on the end of the crankshaft. Contains 10 bolts: two 3/8-16 by 4", two 5/16-20 by 3-3/18", three 3/8-24 by 2-1/4", and three 5/16-18 by 2-1/8".

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LIGHTWEIGHT AND PORTABLE

The **Vanair GoodallStart-All Jump-Pack 12/24V** is a dual-power, Li-ion jump-starter that features Goodall Protect-All Safety Technology. This safety technology is designed to make it easy to use with built-in protection for reverse polarity, low voltage, short circuit, overheat, over-discharge, over-voltage, and open clamps. The unit offers over 10,000A of starting power and 166,500 joules 5s of power, making it capable of jump-starting semi-trucks, motorhomes, coaches, and buses, as well as mining, agricultural, construction, and vocational equipment. It is a compact and lightweight unit, weighing 18.5 lbs, and offers a 12V and 24V starting solution in a single, hand carry unit. It can also recharge smartphones, tablets, and other USB devices.

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OFFERS A SMART CHARGING MODE

The **TOPDON TB6000PRO Battery Tester and Charger** combines two battery tools in one. It features a nine-step smart charging mode, which can display a pre- and post-report showing accurate data comparison. The expert mode function gives users the ability to adjust more values within its nine steps, including current, voltage, pulse current, duration, and customize different modes to their desired settings. With Bluetooth compatibility, users can monitor the status of a charge using an app. The TB6000PRO is compatible with all types of 6V and 12V lead-acid batteries and 12V lithium batteries, including LI, wet, gel, MF, CAL, EFB, and AGM.

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FEATURED PRODUCT

ONE KIT, 15 ENGINES, \$300 IN SAVINGS

Boost exhaust manifold bolt repair productivity with the **ProMAXX Tool by Milton PowerTech Set - Alpha**, No. PMXPWT200PRO.

One kit fixes 15 different Ford, Dodge, and GM gas engines with up to \$300 in savings. It includes a PowerDrive Adapter for drilling in tight spots, machine-shop grade drill bit tooling for Extractorless repairs, and a ProTap for thread restoration. With compact, precision guide plates, no spot is out of reach. Maximize efficiency and savings with PowerTech Set - Alpha.

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ProMAXX Tool by Milton

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promaxxtool.com

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GRIPS FILTER HOUSINGS SECURELY

The **ARES 8-pc 3/8" Drive Low Profile Fuel and Oil Filter Socket Set**, No. 14001, includes sockets in 24mm, 27mm, 28mm, 29mm, 30mm, 32mm, 36mm, and 38mm sizes, providing users with a set of sockets that replace both oil filter canisters and fuel filter canisters. Made of premium chrome vanadium steel with a black phosphate finish to prevent corrosion, these sockets feature a low profile design that provides an ideal range of coverage and access to oil or fuel canisters in hard-to-reach places. Each six-point socket grips filter housings securely, allowing users to quickly and efficiently remove and replace filters common to many major automotive makes and models. Includes a durable storage case.

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AVAILABLE IN THREE MODELS

The **Rotary R3AC Series A/C Recharging Machines** are designed to automatically service the refrigerant in vehicle air conditioning systems. The product line provides professionals with a quick, efficient, and cost-effective way to recover, recycle, and recharge R-134a and R-1234yf refrigerant gases. Powered by TEXA, the A/C machines are available in three models: single-gas R3AC50-A (R-134a compatible), single-gas R3AC60-YF (R-1234yf compatible), and dual-gas R3AC80-AYF (both R-134a and R-1234yf compatible). Each machine is Wi-Fi enabled, updates automatically, and can connect to peripheral devices, such as smartphones and printers. Remote monitoring is also available through a mobile app.

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UNDER VEHICLE, SUSPENSION & BRAKES

FEATURED
PRODUCT

EASY TO STEER AROUND THE SHOP

The **Electric Brake Bleeder** from **Car Certified Tools** is available with a 2.5 or a 4.0 gallon tank. It features an automatic low fluid level shut off to prevent air bubbles, instantly depressurizes when switched off, and has an adjustable pressure regulator from 0 to 50 psi. The Electric Brake Bleeder is easy to steer around the shop and comes with a 10' pressure hose. Only one man operation.

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CAR CERTIFIED TOOLS

Car Certified Tools
714-784-0911
carcertifiedtools.com

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FEATURED
PRODUCT

FEATURES AN ADAS SENSOR ALERT

The **John Bean V3300** is a worry-free wheel aligner that can be trusted for accuracy while saving users on time. Designed to guide technicians of multiple skill levels through an accurate alignment in less time, the V3300 reduces errors and will alert them when the vehicle includes ADAS features and will provide the right procedure for adjustments and target placement. Additionally, the V3300 advanced notification system monitors the entire alignment procedure, automatically correcting and compensating for simple issues ensuring that every alignment is completed correctly.

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John Bean

John Bean
800-362-4618
johnbean.com

SPONSORED

MEASURES INTERNAL AND EXTERNAL BRAKE PADS

The **Tool Aid In-Line Brake Pad Gauge**, No. 65300, provides an easy and compact way of taking brake pad readings during service. The in-line style allows the gauge to be used on many vehicles without removing the wheels, the straight probe makes it possible to take and maintain readings, even when vision is obscured, and it works on internal and external pads. The red, yellow, green metric gauge allows for quick go-no-go readings on the fly and is calibrated against a 6mm backing plate.

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IDEAL FOR BRAKES, EXHAUST, AND MORE

The **Mueller-Kueps Multi-Cleaner**, No. 460 300, is designed to easily clean brakes, exhaust, and more. With replaceable heads, the tool removes the need to buy multiple tools. The heads are easy to change out and the kit comes with two different sizes: a 40mm and a 50mm. A sturdy abrasive reduces the time spent cleaning, quickly removing rust, corrosion, and dirt without excessive material removal. The heads are in a trapezoidal shape for multiple cleaning options. Use the angled sides or the flat top. The universal cleaning tool also features a two-component handle to allow users to apply pressure without having the tool dig into their hand.

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FEATURES A MAXIMUM GLOVE OPENING OF 4.5"

The **Oni Tools Sheppard M110 Gear Box Pitman Arm Puller**, No. ONI349T, is designed to easily remove pitman arms on Sheppard M110 steering boxes with its high-strength steel casting design made for high capacity pulling. Featuring a maximum glove opening of 4.5", the pitman arm remover eliminates dangerous hammering or cutting torch methods, and can be used with up to a 3/4" air impact wrench, hand ratchet, or breaker bar. Engineered to fit for Volvo, Mack, Kenworth, Peterbilt, Freightliner, Mack, and other Class 6 to 8 transportation trucks and equipment.

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REPAIRS WHEEL STUDS SAFELY AND CHIP-FREE

The **GEDORE Thread Reset Tool**, No. 3435644, is designed to repair wheel studs safely and chip free. The tool can be used universally on wheel bolts with M12 x 1.5 and M14 x 1.5. According to the company, repairs are done in just 30 seconds and will not weaken the thread. The thread becomes chipless by rolling (forming, pressing, embossing) back to its original geometry. No material is removed and the strength of the wheel bolts are fully retained. Use with a standard hex socket with reversible ratchet.

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ELIMINATES BEARING AND HUB DAMAGE

The **OTC Hub Seal Puller Set**, No. 5085-S, is designed to eliminate bearing and hub damage that can occur when a punch and hammer is used to remove the seal. An extra long 28" handle provides leverage, and the unique pulling head design quickly and easily removes the seal in one piece. Removes hub seals on trailer and truck axles, including truck steering axles and includes a larger size replaceable head (No. 600053) for hub oil seal removal on seals with 4-5/8" I.D. and larger. The head screws onto the handle of the hub seal puller for more applications and leverage.

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FEATURED PRODUCT

UTILIZES COMPRESSED SHOP AIR

The **MV7135 Vacuum Brake Bleeder** from **Mityvac** is a compressed air-powered system designed for performing one-person vacuum brake and clutch bleeding. The tool utilizes compressed shop air to produce a vacuum for extracting and pressure for dispensing. Includes accessories for extracting used brake fluid while refilling with new. Used or new fluids are dispensed by switching from vacuum to pressure.

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Mityvac
314-679-4200
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SHOCKS TIE ROD ENDS LOOSE

The **ESCO Heavy Duty Tie Rod End Remover - Commercial Set**, No. 40315, comes with five individually marked tie rod end sockets that are designed to shock tie rod ends loose without damaging threaded areas, rubber seals, or oil nipples. Each socket is manufactured to withstand rigorous use in a professional environment and comes in a fitted case for easy storage. Each socket features a corrosion-resistant black oxide finish and can be used with up to a 1" impact tool. Set includes: 1/2"-20, 7/8"-14, 3/4"-16, M20 x 1.5, M16 x 1.5.

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PREVENTS DAMAGE TO THE STRUT

The **CTA Manufacturing Strut Lifter**, No. 8200, is used for the removal and installation of struts, drive shaft, control arms, and ball joint hub separation. It mounts onto a hydraulic transmission mount to service the strut safely and efficiently. The tool eliminates the need for this service to be performed by two people, as well as making the process safer. It features articulated depth and tilt. Built using polyoxymethylene (POM), the clamping jaws prevent damage to the strut.

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UNDER VEHICLE, SUSPENSION & BRAKES

FEATURED
PRODUCT

ENSURES A LEAK-PROOF SEAL

The **Car Certified Tools Master Brake Adapter Kit** is designed to match a specific manufacturer for easy installation and a leak-proof seal every time. Each adapter has 360-degree swivel nipple fittings which save wear and tear on the pressure hose and eliminates clearance issues. The kit fits all vehicle makes and models and works with other brake bleeders using its conversion adapters. The anodized aluminum caps are color coded for easy recognition. The kit also features expandable O-rings to ensure a leak-proof seal, standard brass fittings for compatibility with all styles of brake bleeders, and quick and easy installation.

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Car Certified Tools
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DESIGNED FOR BOTH ON- AND OFF-CAR CUTTING

The **ATD Tools Exhaust Pipe Cutter Pliers**, No. ATD-5721, are designed for both on- and off-car cutting. They are ideal for heavier walled exhaust pipes and have large diameter cutting wheels to cut deep into exhaust pipes. The Exhaust Pipe Cutter Pliers are able to cut pipe from 3/4" to 3-1/4" in diameter and feature a cushioned grip and non-slip handles. The tool will not cut a double-walled tube and will not leave burrs. A replacement cutting chain (No. PRT5721-01) is sold separately.

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WORKS WITH LEFT AND RIGHT SIDE CALIPERS

The **LTI Tools by Milton Bendix/Knorr-Bremse Air Disc Brake Pad Retainer Tool**, No. LT891, is designed to provide a safe and easy way to remove the pad retainer when servicing Bendix/Knorr-Bremse air disc brakes. The patent-pending tool works with left and right side calipers, and can work with or without the caliper shield. It features an easy grip handle and is heat treated for strength and durability.

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WORKS WITH STANDARD SHOP AIR

The **OEMTOOLS 2L Pneumatic Vacuum Brake Bleeder Tool with Automatic Refilling Bottle**, No. 22506, is designed to simplify brake service. The Brake Bleeder Kit accurately tests and services many different pressurized systems on a vehicle. It works with standard shop air and includes a 40" silicone bleed hose with a universal rubber adapter that is compatible with most standard and ABS brake systems, a 59" master cylinder evacuation hose for bleeding brakes in the master cylinder, and a transparent drain hose for visual inspection of fluid during bleeding. The kit easily bleeds brakes, tests automotive vacuum systems, and more.

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