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Professional Tool & Equipment News

The Independent Tool Authority



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200+ PRODUCTS
IN EIGHT CATEGORIES



WHICH BI-DIRECTIONAL SCANNER IS RIGHT FOR YOU?

FULL SYSTEM • FULL COVERAGE • OE-LEVEL



~~X-431 PAD II AE~~



~~X-431 Throttle~~



~~X-431 Torque~~

Cars & Trucks
Full Function
Auto Detect VIN
ADAS Calibration
WiFi Software Update
Multi Special Functions
VW & AUDI Guided Functions
ECU Coding & Reprogramming

Advanced Android System
Quad-core Processor
10.1 HD IPS screen
12000mAh long-lasting battery
IP65 Waterproof & Dustproof
64GB Storage
Charging Stand (Optional)
Support Battery Module, Videoscope, Sensor

Cars & Trucks
Full Function
Auto Detect VIN
ADAS Calibration
WiFi Software Update
Multi Special Functions
VW & AUDI Guided Functions
ECU Coding & Reprogramming

Advanced Android System
8-core Processor
10.1 HD IPS screen
Charging Stand
IP65 Waterproof & Dustproof
QC 3.0 Quick Charge Technology
13MP Front & 8MP Rear Camera
64GB + 128GB (extendable) Storage
Support Battery Module, Videoscope, Sensor

Full Function
I/M Readiness
Auto Detect VIN
WiFi Software Update
Multi Special Functions
VW & AUDI Guided Functions
ECU Coding & Reprogramming

Advanced Android System
Quad-core Processor
10.1 HD IPS screen
OBD I Kits
32GB Storage

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ENHANCED SPRAYING UNIFORMITY AND ATOMIZATION

The **SATAjet X 5500 Spray Gun** from **SATA Spray Equipment**



gives painters the choice between two distinct spray fan shapes "I" and "O" in both HVLP (high volume low pressure) and RP (reduced pressure) application technologies.

The "O" nozzles have an oval-shaped spray fan pattern with a larger dry zone, and a wet core to accommodate increased application speed. The "I" nozzles have a parallel spray fan pattern with a minimal dry zone and a dryer center, which is ideal for painters preferring a reduced application speed.

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50-SECOND SET TIME

The **SEM Products Dual-Mix Quick Set 50 – Clear** is a transparent, two-component urethane adhesive designed for plastic repair and general bonding for virtually any substrate. Dual-Mix Quick Set 50 – Clear is for technicians seeking increased versatility, speed, and convenience when mounting emblems and trim components, or completing tab repairs and other general-purpose bonding. It offers transparent color, a 45-second working time, and fast cure that is ready to sand in five minutes, according to the company. In addition, all Dual-Mix Quick Set adhesives offer an expanded range of suitable substrates, including glass, concrete, and wood.

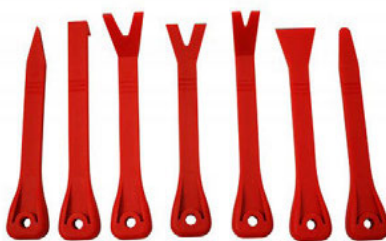
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FOR PRYING, SCRAPING, AND FASTENER REMOVING

The **CTA 7-pc Plastic Pry Bar Set**, No. 5170, is designed for prying, scraping, fastener removing, and more. Each pry bar is 7" long and has a hang hole. The plastic design prevents scratching or marring of sensitive surfaces.

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QUICK-CHANGE PLUG-IN HEATING ELEMENTS

The **Master Appliance Master D-Series Heat Gun** features an upgraded long-life universal motor and an increased high 27 cfm and 3,400 fpm airflow. The heat gun is designed to be versatile for use in many applications, including to bend plastics, cure adhesives, dry parts, heat parts, shrink tubing (as well as packaging), strip paint, and more. The series features die-cast aluminum housing for reliability, performance, and reparability. It also features fixed air intake for temperature consistency, quick-change plug-in heating elements, and a complete offering of repair part kits for quick, easy service.

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PORTABLE WITH BUILT-IN COMPRESSOR

The **H&S Autoshot Nitro-Weld Plastic Welder**, No. UNI-8100,

is designed to be an all-in-one solution for plastic repair needs in the shop with hot staple, hot iron, and plastic welding capabilities equipped. The system features a built-in air compressor and contaminate-free nitrogen hot iron/staple capabilities when reflowing or stapling, making it ideal for professionals. The built-in compressor eliminates hoses and noisy shop bleed air, while allowing the system to be completely portable. The system also offers digital control with two torches for both air welding and hot staple/reflow functions. It runs on 115V and features an easy-to-use interface panel, alarm indicator for low/no gas pressure, adjustable settings, power settings for both hot staple and hot melt/reflow, visual indicator nitrogen alert, and hot air mode for gas conservation.

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LOW-PROFILE AND WATERPROOF

The **3M Automotive Precision Poly Tape** is designed to help users tape with ease, precision, and accuracy. The tape features a unique polyethylene formula that is low-profile, durable, waterproof, and highly conformable. With long-lasting UV resistance, it can stay outside for a full week before risk of adhesive transfer, the company says. The pliable backing gives the user control and maneuverability around curves and body lines, while the indicator lines show when it's stretched too far. A clean, straight tear helps reduce slivering and leaves a professional edge without the need for razor blades or tools.

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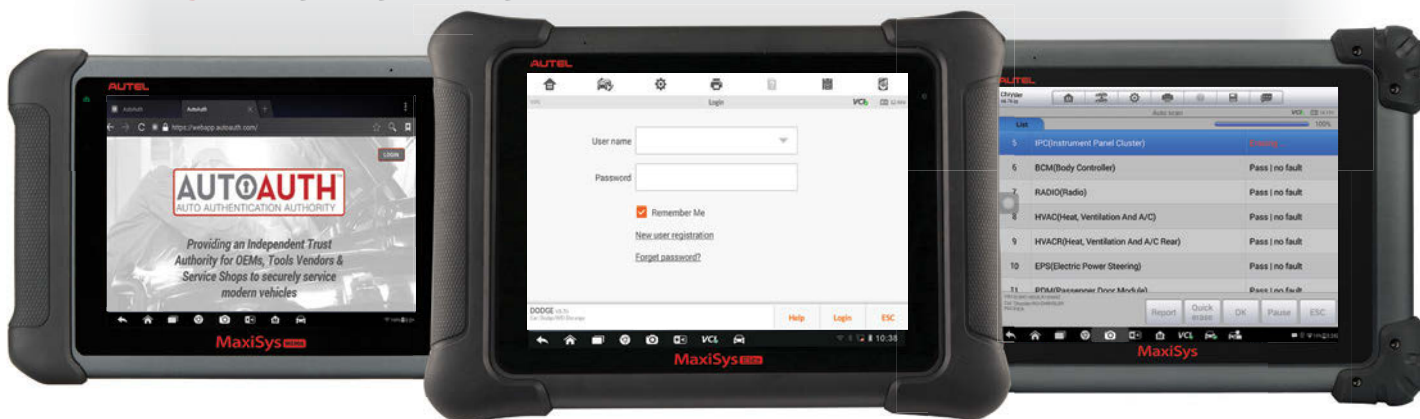
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3 EASY STEPS - ACCOUNT ACTIVATION & ACCESS



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STEP **AUTHORIZED OEM ACCESS
ACCOUNT REGISTRATION**
Validate Individual User
and Workshop Accounts

2
STEP **CONFIRM COMPATIBLE
DIAGNOSTIC PLATFORM**
Approved Credentials Auto
Stored in MaxiSYS Software

3
STEP **IMMEDIATE AUTHORIZED
SECURE GATEWAY ACCESS**
Management of Account Use
For Vehicle Communication



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BODY SHOP



MACHINED HAMMER HEADS

The **K-Tool International 7-pc Body and Fender Hammer Set**, No. KT170511, is designed for pounding auto sheet metal before finishing. The set can be used on both flat and curved surfaces. The body and fender hammer set features red fiberglass handles with comfort grips and machined hammer heads. The set includes a bumping hammer, pick hammer, chisel end hammer, heel dolly, shrinking dolly, double end dolly, and a curve dolly. The set comes in a convenient carry and storage case.

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PRESET PARAMETERS AND STABLE ARC

The **Miller Electric Syncrowave 300 TIG Welder** is designed to increase productivity for welders by utilizing preset parameters and delivering a stable arc. Equipped with AC/DC TIG, DC pulsed TIG, and DC stick capabilities, the welder is ideal for general fabrication TIG applications. The Syncrowave 300 is capable of welding materials up to 3/8" thick with an output rating of 300A and 22V, at a 30 percent duty cycle. The welder weighs 178 lbs and features a simple setup and intuitive interface designed with the user in mind. In addition, its Pro-Set technology helps eliminate the guesswork when setting TIG welding parameters.

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TEMPERATURE SETTINGS UP TO 1,300 DEGREES F

The **Steinel HG Roof Welder** is a compact and user-friendly automatic welding machine. It is designed to produce sealed surfaces and has a 2,000W output, high pressing force, and welding width of up to 1.6". The HG Roof Welder is powered by the Steinel HG 2620 E, which boasts a 10,000-hour brushless motor life and variable temperature settings up to 1,300 degrees F. The welding machine weighs 31 lbs.

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UTILIZES SLIDE HAMMERS OR OPTIONAL ELECTRO-PULLER

The **Spanesi PULL UP Repair System** utilizes various size suction cups and glue to restore the shape of damaged steel and aluminum panels. Repairs are performed by the use of slide hammers or an optional electro-puller tool. The repair system is designed to eliminate burn-through, and repair times, parts, and materials are all decreased. The PULL UP Repair System is available in two packages: standard and full. Each package is designed to meet the requirements of automotive repair professionals.

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HEATS LARGE FASTENERS AND COMPONENTS

The **Induction Innovations Mini-Ductor**

Venom HP is the fourth generation of the Mini-Ductor handheld induction heater. The Mini-Ductor Venom HP offers more power than any other Mini-Ductor available, making the Venom HP the highest-powered Mini-Ductor. From a 120V/15A line, with a heavy duty 18A cord, the Venom HP allows users to heat larger metal fasteners and components fast. The Mini-Ductor product line releases metal from corrosion or thread lock compounds in a matter of seconds and without the collateral damage of an open flame, the company says. Applications include: bearings, graphics, exhaust manifold bolts, lug nuts, O2 sensors, U-bolts, fuel tank straps, and more.

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FEATURED PRODUCT



Induction Innovations
877-688-9633
theinductor.com

AVAILABLE IN STRAIGHT OR CURVED BLADE STYLES

The **Mayhew Tools 4-pc Dominator Pro Pry Bar Sets**, Nos. 14064 and 14065, are available in straight or curved blade styles. Each set includes an 8", 12", 25", and 36" length pry bar, ideal for any lifting or prying applications. The various length and blade styles make it easy to access hard-to-reach areas. The pry bars feature a tri-lobular handle design for a natural and comfortable grip, patented linear ribs around the handle neck to ensure maximum transfer of torque, patented axial ribs for a slip-free grip, and a black oxide finish for durability and to prevent corrosion. In addition, the tools have a hardened and tempered alloy steel shaft from the handle to the capped end for high-performance and durability when striking tool ends. Made in the U.S.A.

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DELIVERS UP TO 3,000 STROKES PER MINUTE

The **Makita Recipro Saw**, No. JR3051T, features a 12A motor that delivers up to 3,000 strokes per minute. The longer 1-3/16" stroke provides a faster cutting performance. Its large, two-finger variable speed trigger provides the correct amount of power for a variety of applications and is designed for convenience. The tool-less blade change allows quick blade installation and removal. A soft-grip handle and the well-balanced ergonomic design provides comfort and reduces operator fatigue. The JR3051T also features a pivoting fixed shoe and an on-board tool hook that secures the tool when not in use.

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ABLE TO CUT PLASTIC, LEATHER, WIRE, AND MORE

The **Dent Fix Equipment Heavy Duty Scissors with Cable Cutter and Micro Teeth**, No. DF-HDSC1, are ideal for cutting plastic, rubber, leather, cloth, gaskets, wire, and other automotive materials. The scissors are equipped with a serrated edge comprised of micro teeth that allows for a precise cut. Cut through a wide variety of automotive materials from as thin as a tissue to thicker jobs like rubber and leather. A U-shaped cable cutter notch on the blade seats the wire or cable for a clean cut.

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Dent Fix Equipment
310-349-1940
dentfix.com

PRECISION FLOW VALVES

The **Polyvance Nitrogen Plastic Welders 8000 Series** feature patent-pending technology created by Polyvance to make the welders easier to maintain and use. All welders offer automatic low-flow power cutoff protection, precision flow valves to allow the user to adjust the flow to suit the thickness of the plastic, and a direct-reading flow gauge for repeatable performance. The 8000 series welders also feature a quick-change hose and wiring assembly, which makes it easy to replace a damaged hose or torch handle, reducing downtime and increasing productivity. Each welder comes with unlimited access to Polyvance's online video training library, the Polyvance mobile app, and telephone technical support.

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FULL CONTROL OF OUTPUT AT THE ARC

The **Lincoln Electric Dual Maverick 200/200X Welder/Generator** features two welders powered by one diesel engine with dual welding outputs, allowing two or more welders to work at the same time in structural, pipeline, and maintenance and repair applications. It has an intuitive interface with two bright and clear 4.3" IP67-rated color LCD screens for ease of use, and provides maintenance reminders to help keep the machine running at peak performance. The Dual Maverick 200/200X utilizes CrossLinc technology to offer full control of output at the arc without cables, reducing trips to the power source. The technology is also designed to help improve consistency in weld quality.

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DIAGNOSTICS

WIRELESS ALL-IN-ONE TRUCK DIAGNOSTIC SCANNER

The **FCAR F7SN Truck TabPro** is a wireless all-in-one truck diagnostic solution, covering most light duty, medium duty, and heavy duty truck and off-road equipment with additional domestic passenger vehicle coverage. Features include all preloaded software that never expires, diagnostic functions, testing and calibration functions, and OEM-level bidirectional functionality. It also features remote print, customized data export, and a vehicle health report. The F7SN is designed for truck or equipment daily repair or maintenance needs with fast scan, easy use, and affordable cost.

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FEATURED PRODUCT

SERVICE INFORMATION SYSTEM

The **Mitchell 1 ProDemand** provides complete OEM repair, estimating, and maintenance information, and real-world industry knowledge in a single lookup, to help automotive technicians

repair vehicles more efficiently. The company's search engine, 1Search Plus, presents the information needed in a user-friendly graphical layout for diagnosis and repair. Key features include expert-based Real Fixes, ADAS quick reference, scalable color wiring diagrams, the latest TSBs, common repair procedures, Top 10 Repairs dashboard, and integrated estimating with the Mitchell 1 Manager SE shop management system.

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FEATURED PRODUCT

FOLDABLE LIGHTWEIGHT ALUMINUM FRAME

The **Autel MaxiSYS ADAS MA600** calibration frame quickly folds and disassembles for transport, to calibrate in many locations. Designed to support adapting repair businesses, the MA600 helps shops affordably target a new revenue stream of ADAS Calibration, the company says. The MA600 provides accurate calibration procedures for camera-based systems with accessories and oversized AVM patterns available to purchase separately. The step-by-step tutorial graphics and five line laser leveling process offer quick and efficient vehicle centering and squaring to calibration frame procedure. Compatible tablet with ADAS software is required.

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AUTEL

Autel
855-288-3587
autel.com

FEATURES AN IMPROVED CHARGING ALGORITHM

The **Bartec USA TPMS Software Release 62** adds coverage for Rite-Sensor and model year 2020 vehicles. It also offers an increase in OBD-II capabilities and an improved charging algorithm to increase the number of sensor activations between tool charges, as well as a utility to make setting up Wi-Fi connections faster. In addition, Release 62 has added Tire Fill Alert (TFA) coverage for Nissan and Infiniti.

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THE ALL NEW POWER PROBE OBD-II BREAKOUT BOX #PPECB

The Power Probe OBD-II Breakout Box is a CAN Bus circuit tester that plugs directly into the Vehicle's Data Link Connector (DLC). This tool is perfect for diagnosing those pesky, hard to diagnose CAN systems and will test for any abnormalities such as shoring and reverse polarity at the DLC pins before a Diagnostic Scan Tool is plugged in preventing damage to diagnostic equipment. The Breakout Box provides live display of present communicating signals without having to use a Digital Multimeter.

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FEATURES:

- Compatible with 12V and 24V systems
- Works inline with vehicles DLC and scan tool
- Displays live Voltage readings when testing pins
- Provides quick access to all 16 pin terminals during vehicle diagnosis and repair
- Monitors vehicle's voltage during module programming with a low voltage alarm



FOR MORE INFORMATION VISIT
www.powerprobetek.com

 Power Probe Tek

DIAGNOSTICS

FEATURED PRODUCT



COMPATIBLE WITH WINDOWS 7, 8, AND 10

The **DG Technologies d-briDGe PRO** is a J2534 diagnostic and reprogramming Pass-Thru interface tool. The tool features compatibility with J2534-1 and J2534-2, four high speed CAN channels, the J2534 adapter validation tool, OBD-II diagnostic software, and USB connections. The d-briDGe PRO is made in the U.S.A.

and is compatible with Windows 7, 8, and 10. The tool includes a two-year warranty with registration.

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DG TECHNOLOGIES
Vehicle Network Solutions

DG Technologies
248-888-2000
dgtech.com



EXPANDED PORSCHE AND AUDI/VW SUPPORT

The **AutoEnginuity Giotto Version 17.3** introduces expanded Porsche and Audi/VW enhanced support. Included in this release are additional Drive Links, model coverage, and added VIN pulling for the pre-OBD-II vehicles (except the 993 and first generation Cayenne). It also includes added sensors and some basic actuations support for 911 (991) '12-'19, Boxster and Cayman (981 and 982) '12-'18, and Panamera (G1) '10-'16; DTC retrieval and clearing for new UDS-based systems found on the Panamera (G2) and third generation Cayenne (9YA); Window Normalization test for the driver and passenger door modules; and Drive Link system test for some CAN TP2.0 systems.

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INCLUDES OEM SERVICE PROCEDURES

The **Mac Tools Repair Source Diagnostics** is software on the ET7200 and ET6250 diagnostic tools included in the purchase price of the tool. This software includes diagnostic coverage updates, software updates, and Repair Source. Repair Source offers vehicle service and repair information, including OEM service procedures for A/C and heater, engine, airbag, brake bleed, steering, suspension, starter, alternator, and timing belt; DTC troubleshooting (test conditions and diagrams and supporting tests); OE wiring diagrams; component location diagrams; computer relearn procedures, and more.

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FEATURED PRODUCT

INCLUDES TWO YEARS OF MOTOR'S FLEETCROSS SERVICE

The **CanDo International HD Pro III** covers

Class 4 to 8 commercial vehicles and off-highway machinery, such as mining and farming equipment. The HD Pro III is a wired Android tablet that is budget-friendly. It performs bidirectional controls and change/set parameters, diagnoses hydraulic systems, and performs VGT calibrations as well as DPF reset/regeneration. The tool comes with two years of Motor's FleetCross Service, a repair information system accessible from within the HD Pro III. Two years of software updates and all cables and connectors are also included.

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CanDo

CanDo International
909-226-3611
candointl.com

PROFIT UP

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PROGRAMMING
TO THE LIST
OF SERVICE
OFFERED AT
YOUR SHOP



Professional OE-Level Diagnostic Tool



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COST DOWN

COMPATIBLE WITH ALL MAJOR OEM SOFTWARE

The **Cojali USA Jaltest DATA-LINK** features rugged edges, technology capable of supporting four CAN channels, fast speeds, and ID 40 compliance, making it water- and dust-resistant, ideal for the shop environment. Like any RP1210, it is designed to work with OEM software solutions and provides a basic software that will read codes, clear codes, read measurements, and ECM data for all makes and all models at no extra cost and no renewal fee. The DATA-LINK also offers the option of upgrading to Jaltest INFO online. Kit includes carrying case, Jaltest DATA-LINK, nine-pin connector, OBD connector, six to nine pin adapter, and all makes software.

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Cojali USA
800-975-1865
cojaliusa.com



FEATURED PRODUCT



FEATURES 12 FUNCTIONAL MODULES

The **ThinkTool** from **Thinkcar** is a modular design tool for automotive diagnosis and detection. It consists of a host machine and 12 functional modules. The host machine can be used alone or with any of the additional modules. Combined with any of the functional modules, ThinkTool is able to complete a wide variety of diagnostic scenarios. ThinkTool has support for more than 160 vehicle brands, with the most comprehensive and professional diagnostic functions. The 12 functional modules include a printer, printing paper, the base, working light, videoscope, thermal imager, battery tester, ThinkDiag box, TPMS, scope box, sensor detection, and projector.

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OFFERS NINE RESET FUNCTIONS

The **Matco Tools Maximus Lite Diagnostic Scan Tool**, No. MDMAXLITE, is an Android-based code reader that features full coverage ABS, airbag, engine, and transmission codes, live data, and graphing in a basic mode. In addition, it offers nine reset functions: oil reset, EPB, battery, injector relearn, DPF, SAS, IMMO, brake bleed, and TPMS relearn database. The scan tool is easy to navigate with both a 5" touchscreen and thumb pad navigation. Wi-Fi enabled, it allows for one-click automatic updates, as well as provides automatic health reports with an email feature and MAXVIN for quick vehicle identification. Add individual makes (all module) enhanced coverage with pay-by-month subscriptions..

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EXTENSIVE ADAS DATABASE

The **CAS Gscan-3 Scan Tool** multi-line, Android-based tablet scanner has coverage for domestic, Asian, European, and commercial truck lines. Hyundai/KIA OEM software, along with J-2534 reprogramming make this general-purpose scan tool a cost-effective alternative to purchasing the Hyundai/KIA factory tools, the company says. In addition, it offers an extensive ADAS database of calibration procedures. According to the company, over 20,000 tracked and proven calibrations have been performed with the Gscan software. Reporting capabilities include Bluetooth and Wi-Fi communications to both portable and fixed location printers, as well as direct to vehicle owner email.

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OEMTools.com,
a division of CAS
508-238-5855
oemtools.com

Why Do Repair Shops Rely on **DrivePro ES**?

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DIAGNOSTICS



TECHNICAL SPECIFICATIONS FOR VEHICLE REPAIRS

Topdon ArtiPAD PRO Quick-Fix powered by MOTOR features technical specifications for vehicle repairs and software for wiring diagrams, chassis diagrams, wheel alignment procedures, and brake repair information and instructions. Quick-Fix includes maintenance schedules that allow technicians to estimate maintenance and service schedules, as well as expenses with repair time estimates for labor operations. Quick-Fix service procedures provide standard OEM maintenance and repair information that lets the technician complete the repair with step-by-step instructions and access the data via an app within the ArtiPAD interface. Illustrations in the software educate technicians on part locations, electrical problems, and troubleshoot the repair.

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FEATURED PRODUCT

RATES VIBRATION SEVERITY WITH ADVANCED COLOR CODING

The **Automotive Test Solutions iVA Intelligent**

Vibration Analyzer uses Quad Vibration Technology (QVT) to locate and identify the vibration, then rates the vibration severity with advanced color coding with yellow, orange, and red. The graphs and charts are easily accessible at any time. The iVA can locate multiple vehicle vibrations simultaneously and connects to most vehicles in under five minutes, the company says. The kit comes with an intelligent vibration analyzer, four smart vibration sensors, one iVA microphone, four iVA microphone clamps, four iVA stereo jack cables, an iVA DLC cable, four iVA c-clamps, an iVA USB cable, an iVA USB software card, an iVA tape measure, and iVA pressure-sensitive tape.

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ATS
AUTOMOTIVE
Test Solutions

Automotive Test Solutions
505-265-5077
automotivetestsolutions.com

OFFERS ADVANCED IMMO FEATURES

The **Autel MaxiIM IM608 Key Programming**

Diagnostic Tool is an advanced IMMO and key programming Android-based tablet with advanced vehicle diagnostics and service functions. The IM608 includes the expert-level XP400 key and chip programmer, and the MaxiFlash J2534 Pass-Thru programming device provides the tablet with advanced IMMO features including Mercedes IMMO add key, all keys lost, and key learning; BMW key learning; ECU adaptation; and key learning, Transponder add key, all keys lost for select Volkswagen and Audi models.

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AUTEL

Autel
855-288-3587
autel.com

FEATURED PRODUCT

ABLE TO VIEW HARD-TO-REACH AREAS

The **Launch Tech USA Videoscope 800** is designed for viewing and capturing hollow spaces and hard-to-reach areas in all types of vehicles. The videoscope features a mega-pixel lens, 2.7" TFT display, and a lens tube of 1m in length and 5.5mm in width. It allows the user to inspect the internal components of an engine for carbon deposits, wear and tear, and to pinpoint sources of unwanted noise. It also helps identify corrosion and confirms component failure without taking apart the entire engine block.

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COMPACT, HIGH-RESOLUTION, MULTIPLE-ASPECT CAMERA

The **Cal-Van Tools Wi-Fi Borescope**, No. 84, features a high-resolution, multiple aspect camera (1920×1080, 1280×720, and 640×480) with adjustable LED lighting. It uses an independent Wi-Fi signal with an approximate range of 30' and easy-to-install app to connect to both Android and IOS devices. The borescope has the ability to capture images and video that can be stored and shared with customers. The lens and cable are IP67 certified, and the cable is 58" long to allow access into hard-to-view areas. The borescope comes with a mirror, magnet, and a hook.

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FEATURED PRODUCT



OFFERS FULL DIAGNOSTIC BIDIRECTIONAL CAPABILITIES

The **XToolUSA Nitro GT Scan Tool** features full OEM level diagnostic bidirectional capabilities along with the ability to code modules, ECMs, and perform relearn procedures. It is ideal for independent shops that service all makes and models of cars as well as for dealership used car lots and collision centers. It is a fast, stable platform with professional data output for shops that service everything and desire additional programming keys and FOBs for customers, the company says.

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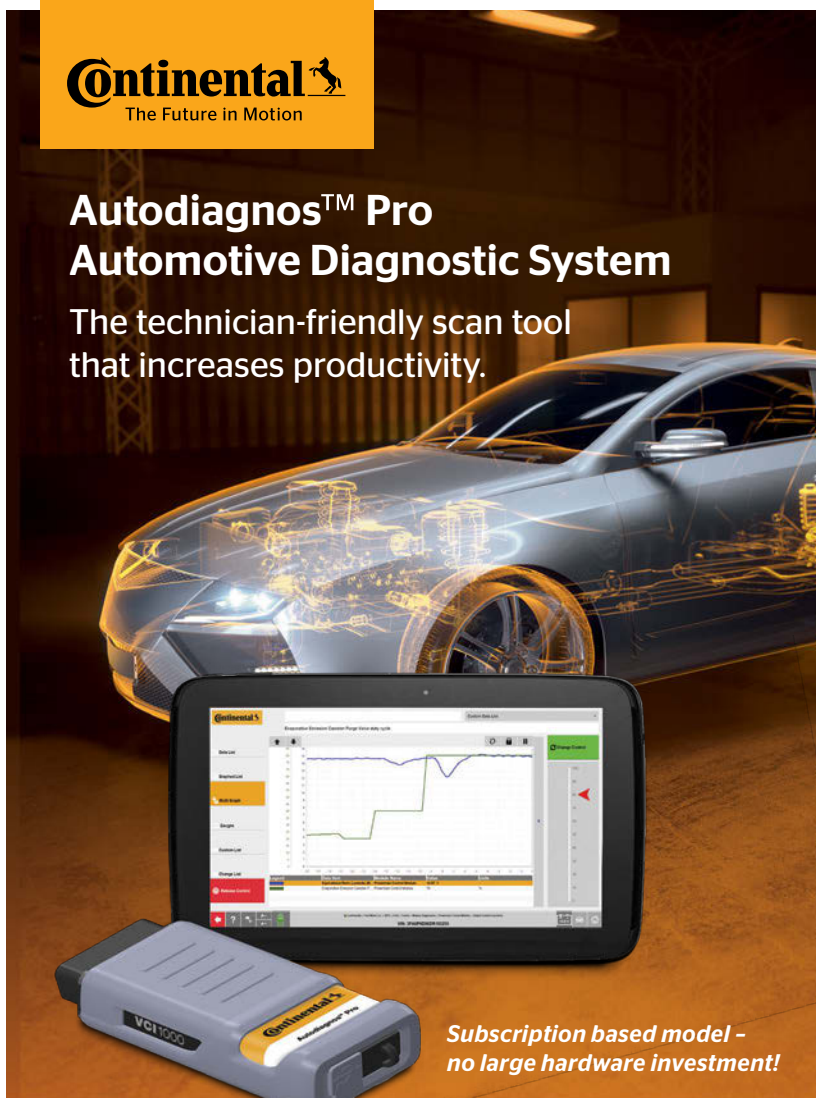
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Autodiagnos™ Pro Automotive Diagnostic System

The technician-friendly scan tool that increases productivity.



*Subscription based model -
no large hardware investment!*

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- Accurate data in list, graph and gauge formats
- Based on OEM platform used in dealerships worldwide
- USA designed, developed, manufactured and supported

Learn more: www.AutodiagnosPro.com

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DIAGNOSTICS



ADDITIONAL HARDWARE FOR EXPANDED FUNCTIONALITY

The **Injectronic CJ7S Diagnostic Kit** is designed to assist technicians with all automotive diagnostic scenarios by offering modules for scanners, oscilloscopes, battery testers, and extended interconnects. The CJ7S is an easy-to-operate, portable device that accepts additional hardware to expand its functionality. By allowing technicians to acquire modules, they don't have to continuously buy scanners that may duplicate or overlap in coverage, the company says. With the CJ7S, technicians are able to communicate with the vehicles in scan mode, capture signals from sensors and actuators in oscilloscope mode, and test batteries with conductance technology. It also features Wi-Fi and Bluetooth communication with Android devices.

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FEATURED PRODUCT

MOUNTS ON WHEELS TO MOVE EASILY AROUND SHOP

The **TEXA Radar Camera Calibration System (RCCS2)** has a robust main support with electrically powered height adjustment and a practical knob to tilt the unit with respect to the vehicle. The horizontal bar is equipped with two distance meters and a sliding reflector plate with a central laser. An additional laser at the top of the structure locates the center of the vehicle simply pointing at its front badge. These combined technologies allow the system to be easily aligned by one operator. After positioning the unit, all calibrations can be performed simply following the step-by-step procedures of the TEXA software.



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TEXA

TEXA USA

855-200-8392

texausa.com

OFFERS 360-DEGREE ARTICULATION WITH JOYSTICK

The **Oasis Scientific Vividia ME-610 Joystick**

Articulation Borescope is designed for automotive

and industrial inspection and diagnostics. The tool offers a 1m long, 6mm diameter probe with 360-degree all-way articulation controlled by a joystick. The camera is equipped with a sapphire protective lens that is impact-, fall-, and scratch-resistant.

The probe is made from titanium alloy with high wear resistance.

The camera probe and insertion tube is waterproof IP67 rated.

Vividia ME-610 provides high quality clear images with high illuminance LED lights. The resolution is 1280 x 720. With 8GB mini SD card installed on monitor, the user can take pictures and record videos.



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Oasis Scientific, Inc.

Oasis Scientific Inc.

864-469-0919

oasisscientific.com



GENERATES VEHICLE-SPECIFIC INSPECTION REPORTS

The **Innova RepairSolutions2 App** is a cloud-based platform that allows users to get vehicle-specific inspection reports to find the problem and fix the problem efficiently with fixes, guided diagnostics, and troubleshooting information that have been compiled, verified, and confirmed for accuracy by Innova's nationwide team of ASE certified technicians. The in-app feature called LifeTime Link makes it easy to accurately identify the parts needed for the job, and connects customers with their preferred auto parts distributors to automate the parts purchasing process. The app is a free subscription available to download from the iTunes App Store and Google Play Store.

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HEAVY DUTY DIAGNOSTIC SOLUTION

The **Bosch ESI [truck] Scan Tool**,

No. 3824A, offers a solution to independent repair shops and fleets seeking a single scan tool for all their heavy duty and medium duty trucks, covering all major heavy duty truck and medium duty truck engine, transmission, and brake system combinations with diagnostics and embedded repair information. Heavy duty diagnostics coverage includes Freightliner, International, Kenworth, Mack, Volvo, Peterbilt, Sterling, and Western Star. Medium duty coverage includes Sprinter Van, Isuzu, GM, and Ford. Engine coverage includes Caterpillar, Cummins, Detroit Diesel-MBE, Deutz, MTU, Navistar, PACCAR, Perkins, and Volvo, and includes medium and light duty software. It can also be used for a wide range of off-highway vehicles (agriculture, construction, and others) with the addition of the 3824CBL-UPG Off-Highway Upgrade Kit.

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esi-truck.com



GLOBAL OBD-II VEHICLE COVERAGE

The **Zurich ZR-PRO Professional OBD-II Scanner** is designed to offer sophisticated diagnostics in an easy-to-use, affordable tablet. The ZR-PRO offers Bluetooth connectivity to the vehicle and a fully functioning Android tablet that includes a high-resolution camera. Other notable features include global OBD-II vehicle coverage with most U.S., Asian, and European vehicles built after 1996; full health system reporting and live graphing; Auto VIN scan; bidirectional controls; OEM special functions, including battery reset procedures, electronic brake caliper release, key fob relearns and more; and built-in DTC code search. The tool is Wi-Fi enabled, with an 8" IPS touchscreen display and convenient web browser that allows users to download third-party apps. The scanner comes in an impact-resistant case.

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PROVIDES PASS/FAIL RESULTS ON 12V BATTERIES

The **Electric Motion PDT Heartbeat 1001** parasitic drain tester is an automotive diagnostic tool for 12V battery systems commonly used on cars and trucks to give a conclusive pass/fail result. It features special software and a battery interface designed to allow for testing 100 percent of the vehicle by never breaking contact with the current, so testing goes uninterrupted. The tool also features audible alerts that will assist the technician in diagnosis and repair. With minimal technical ability needed, the tool can save time and money by taking the guesswork out of parasitic drains, the company says.

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OFFERS REMOTE SERVICES

The **DrivePro ES** from **Opus | IVS** is designed to give technicians the confidence to repair complex vehicles safely and fast with licensed OE diagnostic software, remote programming, and calibration, while being connected to live repair guidance from OE master technicians. DrivePro ES is equipped with licensed OE diagnostic software to identify the root causes of issues for all major domestic, Asian, and European vehicle brands. The built-in remote assist program (RAP) offers hassle-free remote assisted flash programming to eliminate the uncertainty of programming complex vehicles by oneself. According to the company, the rugged tablet is easy to use and more affordable than buying software directly from OEMs.

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877-945-6442
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FEATURED PRODUCT

DESIGNED WITH A NEW CONNECTION INTERFACE

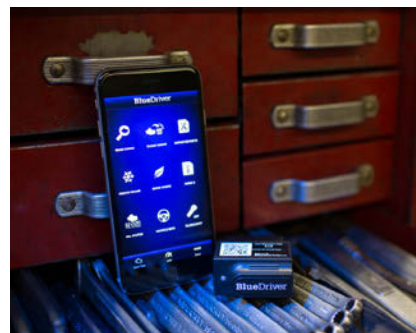
Pico Technology's PicoScope, Nos. 4425A and 4425A, diagnostic oscilloscopes provide an efficient, non-invasive method to accurately identify a wide range of vehicle faults, the company says. The two- and four-channel models deliver the same performance and analytic capabilities as their predecessors while introducing the potential for a new generation of intelligent accessories and usability enhancements. Designed with a new connection interface, the PicoBNC+, these scopes take an active role in powering and automating accessory configuration to help service professionals avoid errors and become productive faster.



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Pico Technology
800-591-2796
picotech.com



MOBILE OS DIAGNOSTICS SOLUTION

The **BlueDriver Professional Scan Tool** is designed to turn Android and iOS devices into an OBD-II scan tool. The BlueDriver reads and clears codes such as check engine codes, ABS, airbag, climate control, transmission, and more. It then provides test results, like misfire counts, for on-board diagnostic system monitors. BlueDriver features diagnostics on more than 20 makes and repair reports powered by Identifix to help quickly pinpoint possible causes.

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PROVIDES SUGGESTED PROBLEMS AND SOLUTIONS

The **Ansed Diagnostic Solutions Exhaust Gas Diagnostic Kit with AUTOplus5 5-Gas Analyzer** features software that interprets the exhaust gases and its interactions to provide a top-down list of suggested problems and solutions in order of probability. The 5-Gas Analyzer is handheld, uses a rechargeable battery, and is fully portable with all readings live. It is self-calibrating with no cal-gas required. Additionally, a dyno is not required for NOx testing; simply plug it in and go. The kit includes LIVE Graphing Software to connect the analyzer to view gas exhaust readings in real time via Bluetooth or USB cable. An optional high-speed printer is available separately or can be included in the kit.

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FEATURED PRODUCT

DESIGNED TO ACTIVATE, READ, AND SERVICE ALL MAJOR OEM SENSOR BRANDS

The **ATEQ TPMS Tools VT37** is ideal for DIYers, technicians, and front counter workers. The tool is designed to activate, read, and service all major OEM and aftermarket sensor brands. Quarterly updates allow for the newest TPMS sensors to be added to the tool effortlessly, the company says. Its compact size makes it easy to store, whether it's stored in a glove compartment or toolbox.

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ATEQ TPMS Tools
734-838-6119
ateq-tpms.com



TIP SIZE FITS MOST AUTOMOTIVE SNAP RING APPLICATIONS

The **Astro Pneumatic Tool 13" 4-pc Large Internal/External Snap Ring Pliers**, No. 94222, feature a 2.3mm tip size to fit most medium and large automotive snap ring applications. The 4-pc set includes external circlip straight nose pliers, external circlip 90-degree bent nose pliers, internal circlip straight nose pliers, and internal circlip 90-degree bent nose pliers. The pliers are made from hardened chrome vanadium with a black and polished finish and have dipped non-slip handles.

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INDUSTRIAL-GRADE

The **KT Pro 13-pc Combination Wrench Set SAE**, No. A1203SR, features industrial-grade tools designed to meet the needs of both professionals and do-it-yourselfers. The set is ideal for performing vehicle repairs and maintenance tasks. It is made to meet international standards for quality and safety. The set includes sizes: 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".

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DESIGNED FOR WHEEL LUGS ON TRUCKS AND BUSES

The **Central Tools Preset HD Tire Torque Wrench 475 ft-lb**, No. 96475, is designed for wheel lugs on many truck and bus applications. The torque wrench has both 3/4" and 1" square drives to accommodate various sockets. The wrench also reverses by flipping the tool over and inserting the square drive into the other side of the head. This eliminates extra components in the ratchet head and provides for the same accuracy in both right- and left-handed directions. A textured vinyl grip provides positive handling. The wrench is made in the U.S.A.

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FOUR SCREWDRIVER SIZES AND TWO NUT DRIVER SIZES

The **Tekton 6-in-1 Phillips/Slotted Driver**, No. DMS14001, features one compact and versatile tool that gives the user access to four screwdriver sizes and two nut driver sizes. The handle is durable and is resistant to extreme temperatures, high impacts, cracks, scratches, grease, and cleaners. The nut driver bit tube is chrome-plated steel and serves as both a double-ended nut driver and a screwdriver bit holder. The double-ended screwdriver bits have two sizes per bit with engraved size markings on each end. The tips are milled 21mm down the shank, allowing for clearance into tight spaces. The tool includes the 6-in-1 Driver handle, 1/4" by 5/16" nut driver bit tube, 1/4" shank Phillips/slotted bit (#1 by 3/16"), and 5/16" shank Phillips/slotted bit (#2 by 1/4").

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PVC-DIPPED, NO-SLIP GRIPS

The **Carlyle Tools Wire Stripping, Cutting, Crimping Pliers** are tough, versatile, and feature a 6-3/4" frame with PVC dipped non-slip grips. The pliers are manufactured from chrome vanadium steel (CR-V) and engineered with the professional tradesman in mind. The pliers jaws include induction hardened cutting surfaces and have the capability to strip and crimp both insulated and non-insulated wires between 10-20 AWG. The tool is also available in a 3-pc set with storage tray, which includes a 8-1/2" long nose and 7-1/4" pistol grip.

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REMOVES ROUNDED FASTENERS

The **Mac Tools Rounded Bolt Removal Technology** is designed to provide a solution for rounded out or compromised fasteners. This technology uses an anti-slip, dual directional design to allow technicians to remove normal fasteners without causing damage to the bolt, as well as remove severely compromised fasteners. This technology is currently available in hex, impact hex, and star bit sockets, with more varieties scheduled to launch in 2020.

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OFFERS A RANGE OF 50-250 FT-LBS OF TORQUE

SATA Tools' 1/2" Drive Electric Torque Wrench, No. ST96527SC, offers a range of 50-250 ft-lbs of torque and an accuracy of +/- 2 percent. The wrench comes with a storage case that allows for hassle-free transportation, features all-steel construction and a durable, comfort grip, and is backed by a lifetime warranty.

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REPAIR, BUILD, AND CREATE BATTERY TERMINAL CABLES

The **E-Z Red BCK18 Cable Cutter and Crimper Kit** comes with all the tools needed to repair, build, and create battery terminal cables - on or off the vehicle. This set of heavy duty tools can be used with a pneumatic driver or ratchet, as well as the included breaker bar. Strip the jackets with the precision stripper for a neat and secure connection.

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DESIGNED TO PROTECT IN HAZARDOUS WORK ENVIRONMENTS

The **Cementex Double-Insulated Torque Wrenches** feature two separate layers of insulation for twice the protection. The wrenches are made of materials calibrated according to ASME B107 standards (traceable to NIST), and manufactured according to ISO standards. The impact-resistant, flame-retardant insulation provides protection against flashover, shock, burns, and dropped tool shorts. Available options include standard, low profile, clockwise only, and short drive models, as well as a fixed head style. Three additional sizes have been added to the line, which now includes seven sizes.

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TORQUE HANDLE +/- 6 PERCENT ACCURACY

The **Wiha Tools 20-pc Insulated Master TorqueControl Set**, No. 28781, features 10,000V-tested and 1,000V-rated insulated tools. The set includes a 10-15 in-lbs TorqueControl handle, torque adjustment tool, PicoFinish SlimLine handle, SoftFinish SlimLine handle, SlimLine blade holder, and 15 SlimLine blades in a heavy duty canvas pouch. All tools have been individually tested for insulation integrity. The torque handle has a +/- 6 percent accuracy, is marked with a serial number, and includes a calibration certificate. There is an audible and perceptible click when the pre-set torque has been attained.

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REDUCES CAM-OUT

The **Vessel Megadora 8-pc Screwdriver Set**, No. 9008EVA, features the company's JAWSFIT tip design mechanism on their Phillips screwdrivers, allowing the blades to bite into the screw for easy removal. The JAWSFIT mechanism reduces cam-out of the screws, while holding them properly. It also helps remove already damaged screws. The Megadora #2 Phillips removes weather damaged screws that are hard to get out. For the plastic screws holding in plastic panels, the Megadora bites into the plastic for easy removal. The Megadora is suitable for automotive, electric work, and electronics assembly.

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FEATURES A 360-DEGREE TWIST ACTION HANDLE

The **Beta Tools USA 3/8" Drive Reversible Ratchet**, No. 910/58, features a 360-degree twist action handle. Technicians can select the direction and rotate the handle back and forth to turn the socket. In order to change the direction, rotate the ring head. To release the ratchet, use the push-button release. The tool can also be used in the traditional ratcheting style. The dual mold ergonomic handle provides a comfortable grip. This tool is ideal for use in tight areas where ratcheting space is limited.

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CONTINUOUS TENSION DESIGN

The **Monster Mobile 12-pc Flexible and Reversible Ratchet Metric Wrench Set**, No. MST77500, features an open end metric wrench with anti-slip on one end and a box end with 72-teeth and stop ring that prevents the wrench from slipping past the nut or bolt head. The set is made of chrome vanadium steel and has a continuous tension design that controls the 180-degree flex magnetic heads. The set includes: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, and 19mm. The set has a life-time warranty.

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TAPERED TIP FOR SECURE GRIP

The **OEMTOOLS 6-1/2" Heavy Duty Snap Ring Pliers Set**, No. 25397, features two heavy duty pliers with a patented tapered tip design to securely grip snap rings. The set includes one internal snap ring pliers and one external snap ring pliers. The patented tapered tips have three adjustable settings: straight, 45 degrees, and 90 degrees, and are constructed with durable coated steel. The tip sizes include .8mm, 1.2mm, 1.4mm, and 2mm. The handles are spring-loaded for easy operation.

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FINE SERRATION AT FRONT OF JAWS

The **Lang Tools 8" Locking Pliers with Combination Jaw**, No. 104-08, feature a clamping range of 1-9/16". The special jaw combines a standard combination pliers shape with the advantage of locking pliers. The tool can be used as a cutter, locking/gripping pliers, wire stripper, open end wrench, or nipper. With the locking lever, the clamping force can be up to three times greater than normal combination pliers, the company says. The pliers also have a fine serration at the front of the jaws and are made in Germany.

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Lisle NEW TOOLS



38700 SPINDLE SNAP RING PLIERS FOR FORD SUPER DUTY

Used to replace the spindle snap rings found on 2007 and newer Ford Super Duty pickups. Rigid plier design with narrow tips to fit into the 2-1/2" inside diameter of the hub. Ratcheting lock mechanism holds the snap ring open for easy removal and installation.



81450 ADAPT-A-CAP

Ideal for servicing hard-to-reach fluids in automobiles, motorcycles, boats, RVs and ag equipment. Eliminates the need for external pumps, hoses or funnels to transfer fluids. Helps prevent spills and messes. Three tapered urethane adapters to fit most standard quart and larger bottles, so the bottle becomes the pump. When the bottle is squeezed, internal bottle pressure forces the fluid up and out of the tube adapter. Includes three angled tubes, two extension tubes and two pick-up tubes.



31750 MINI HOOK AND PICK SET, 4 PC.

Works great for removing hoses, moldings, clips, clamps, seals, O-rings, cotter pins, and gaskets. Includes hook pick, straight pick, 90° pick and combination pick. Small enough for maximum versatility in tight and hard-to-reach places. Dual material handles with heat treated tips for durability.



82600 CAT III DIGITAL MULTIMETER

Safely and accurately test electrical systems. Large backlit LCD display. Measures AC/DC voltage/current up to 600V and 10A, capacitance, diode, duty cycle, frequency, resistance, temperature and transistor. 13 functions and an operating temperature range between -40° to 1000°C. Manual or auto shutdown after 15 minutes of inactivity, protection against overload at all ranges, data hold, low battery indicator and warning alarm. Rubber outer case adds protection against drops and a stand bracket to hold meter at viewing angle and test probe holding clips.



52460 RAZOR BLADE SCRAPER

Strong, solid handle ideal for stripping paint, caulk, labels, overspray, gasket material, urethane and glue. No sharpening needed, just replace the blade. Protective cover keeps blade sharp and prevents cuts. Includes one standard single edge blade.



33260 BRAKE FLARING TOOL KIT

Low profile design allows the two most popular tubing sizes to be flared in tight spaces. Creates single or double flares on 3/16" / 4.75mm and 1/4" tubing. Vise assembly holds tubing centered securely without marring. Depth stop ensures proper tubing length. Holes in vise allow you to see the tubing is properly located. Internal deburring tool included.

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FEATURES A HIGH GEAR RATIO OF 1:10

The **Gedore Plier Wrench**, No. SB 183, combines a metric and SAE standard wrench, along with a ratchet wrench, making it an adjustable, universal tool for bolting, bending, holding, pressing, and gripping. The tool has a high pressing and clamping force with the jaws allowing a ten-fold increase of hand force onto the work piece. The smooth and paralleled jaws leave no marks on the materials and synthetic materials, glass, and chromed parts remain undamaged, the company says. The plier wrench also features a sliding mechanism for quick and easy adjustments from zero to 2", as well as ergonomically shaped handles.

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DESIGNED FOR QUICK AND CLEAN DEBURRING

The **CTA Manufacturing E-Z Chamfer Tool**, No. 3838, is designed for quick and clean deburring. The key feature is a 5-point cutting design to efficiently remove burrs and ridges from bolts, pipes, threaded rods, wheel studs, bars, and dowels, creating the ideal chamfer for starting a nut or threading die, the company says. The single-piece, tungsten-molybdenum HSS construction provides durability and accuracy.

Circle 86 on card, or enter at "e-inquiry" on VehicleServicePros.com

VAPOR BLASTED TIPS FOR GREATER DURABILITY

The **Sunex Tools 20-pc Combination Screwdriver Set**, No. 1120SS, features a matte finish to resist flaking and abrasions. The set also features vapor blasted tips for enhanced durability, over-molded handles for user comfort, and a quick reference on the handle end. The set includes: cabinet (1/8" x 3", 5/32" x 4", 3/16" x 4", 3/16" x 6"); slotted (1/4" x 1-1/2", 1/4" x 4" with bolster, 1/4" x 6" with bolster, 5/16" x 8" with bolster, 3/8" x 10" with bolster); Phillips (#0 x 3", #2 x 2-1/2", #1 x 3" with bolster, #2 x 4" with bolster, #3 x 6" with bolster); and Torx (T10 x 4", T15 x 4", T20 x 4", T25 x 4", T27 x 4", T30 x 4").

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SPEED DISK FOR FINGERTIP CONTROL

The **DD2 Dual Drive Ratchet 1/4" Square Drive** from **VIM Tools** features a 2" long dual drive ratchet with removable 1/4" square by 1/4" hex adapter. In the handle, there is a 1/4" square drive for use with extensions and other tools as an offset wrench to access hard-to-reach fasteners. It also features a speed disk for fingertip control in tight areas, and a 60-degree fine tooth ratchet for high torque applications. It has a limited lifetime warranty. The tool is also available in 3/8" (DD3).

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FEATURED PRODUCT

DESIGNED TO EASILY CUT BOLTS, NAILS, AND RIVETS

The **KNIPLEX Tools CoBolt S Compact Bolt Cutter**

features a 6-1/4" length and provides high cutting power to easily cut bolts, nails, and rivets up to 11/64" in diameter. In addition to its compact design, the cutter has a slim head designed for better access to confined areas. The CoBolt S has a strong lever action mechanism that allows the user to exert less effort when using the cutter. Below the joint is a gripping surface for pulling wires with a diameter from 3/64". It also features laser-cut edges on the blades, which prevent material being cut from slipping. The CoBolt S is forged and multi-staged oil-hardened from German and chrome vanadium heavy duty steel, and has induction-hardened cutting edges with a hardness of approximately 64 HRC for cutting thin hard wire, screws, and springs.

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KNIPLEX
847-398-8520
kniplex-tools.com



IDENTIFIES AND RETRIEVES DROPPED ITEMS IN TIGHT AREAS

The **Camera Assisted Retrieval Tool (CART)** from **Ullman Devices** allows the user to visually locate and retrieve dropped objects with the aid of a flexible arm, camera, lights, pick-up claw, and magnet. Features include a 480p camera with 3" viewing screen, four LEDs with six brightness levels, 32" long bendable arm, retractable four-pronged pick-up claw, 4-lb magnetic tip, and is IP67 water resistance. Four AA batteries are included.

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ENGINEERED TO CORRECT PREVIOUS REPAIR ATTEMPTS

The **ProMAXX Exhaust Manifold Mounting Bolt Thread Repair Kit** restores stripped or damaged exhaust manifold mounting threads. It is engineered to fix problems caused by previous repair attempts. The repair kit includes a bushing, machine-grade tooling bit, tap, and six 8mm x 125 inserts.

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EXTENDS RATCHETS BY 10"

The **Tite-Reach Extension Wrench** is a professional-grade hand tool designed to save users time. The wrench extends the user's ratchet 10", allowing the user to keep their hands away from hot engines and tight spots. The wrench is available in 1/2", 3/8", and 1/4" drive, and is backed by a lifetime warranty.

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FEATURES AN EASY-TO-READ LASER ETCHED DUAL SCALE

The **Martin Sprocket & Gear Click-type Micrometer Adjustable Torque Wrenches** feature an aluminum knurled handle and easy-to-read laser etched dual scale (ft-lb and Nm). It has a +/-3 percent CW and +/-5 percent CCW accuracy, and according to the company it exceeds the ASME B107314-2004 accuracy range. The calibration certificate is included for 100 percent traceability. The torque wrenches are available in three sizes: 1/2" drive 36-tooth quick-release reversible ratchet, 3/4" drive 24-tooth quick-release reversible ratchet, and 1" drive 24-tooth quick-release reversible ratchet.

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PRODUCTION QUALITY BRAKE, TRANSMISSION, AND FUEL LINE FLARES

The **Mastercool Universal Hydraulic Flaring Tool Set**, No. 72485, creates production quality brake, transmission, and fuel line flares. The kit fabricates: push connect 1/4", 5/16", and 3/8"; GM fuel line flare; brake lines and transmission 5/16" and 3/8"; 45-degree flare/double flare 3/16", 1/4", 5/16", 3/8", and 1/2"; metric bubble flare 4.75mm, 6mm, 8mm, and 10mm; and GM transmission cooling line 3/8" and 1/2".

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HEAVY EQUIPMENT SAE MALE/FEMALE HOLLOW END LINE TAPS

LT999 SAE THREAD CHASER SOCKET KIT

- Recondition threads on SAE high pressure male/female fittings
- Hollow end tap slides over flared end of line for easy re-threading female connector
- Compact design with pass through bored out center hole on each socket
- Allows thread reconditioning with flared tip supply line inside pressure pressure fitting
- Ideal for gas, AC, and liquid high pressure fittings common in heavy equipment, trucking, marine and aircraft industries
- Easy hand operation with supplied handle
- Heat treated alloy steel
- Lifetime warranty



LT999-5 up close



INCLUDES SIZES:
5/8 - 18 UNF
3/4 - 16 UNF
7/8 - 14 UNF
1 - 14 UNF
1 1/16 - 14 UNF

FOREIGN & DOMESTIC BRAKE CALIPER KIT

LT4996 17 PC. FOREIGN & DOMESTIC BRAKE CALIPER SOCKET KIT

- Works on most foreign and domestic vehicle brake caliper applications
- Most vehicle brake caliper bits/sockets when you need them
- Packaged in a custom blow molded case
- Lifetime warranty

INCLUDES:

1/4" drive bit -	1/2" drive sockets -
9mm x 20mm	11.5mm x 50mm
3/8" drive bits -	AS22 x 48mm
7mm x 24mm	10PT x 15mm
8mm x 24mm	10PT x 20mm
9mm x 50mm	7pt
7mm x 65mm	PENT x 10mm
7mm x 92mm	PENT x 12.5mm
11mm x 100mm	PENT x 14mm
1/2" drive bit -	PENT x 19mm
10mm	



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POWDER COATED STEEL CONSTRUCTION

The **Titan Professional Tools' 5 Ton Hydraulic Cable Crimper** features powder coated steel construction and a crimping force of 45kN. The hexagon cable crimper includes nine hardened-steel die sets ranging from 4-70 mm², and has a crimping stroke of 12mm. The tool also has vinyl-dipped grips for non-slip use and an on/off retractor knob.

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SET COMES IN DUST-REDUCING POUCH

The **Snap-on 3-pc Precision Pliers Set**, No. PLP300A, is designed as a go-to package to help technicians complete their most frequent jobs with ease. The set features the Diagonal Cutting Pliers (No. P87150A), Snipe Nose Pliers (No. 991045A), and the Needle Nose Pliers (No. P92055A). The set comes in a convenient dust-reducing pouch and in three colors: red, green, and orange.

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HEAVY DUTY SLIDE HAMMER

The **MechTech Innovations Bearing Bulldog** is a precision heavy duty slide hammer that eliminates the need for torches, pneumatic tools, and the chance of damaging customer vehicles, says the company. The Bearing Bulldog weighs 32 lbs and can remove bearing assemblies/hubs within seconds. It comes standard with a 4, 5, 6 stud adapter, and a dedicated 8 stud adapter plate is available separately. The tool is designed and manufactured in North America, and all components are CNC machined from solid billet. The tool has a limited lifetime warranty.



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Mechtech
INNOVATIONS INC.

MechTech Innovations
705-529-6595
bearingbulldog.com

FLEXIBLE HEAD ALLOWS WORK AT ANY ANGLE

The **SK Hand Tools LP90 Low Profile Ratchet Series** includes extended length handles and flexible heads in 1/4", 3/8", and 1/2" drive sizes to offer professional technicians greater access to get the job done. The series feature a 90-tooth count design and a 4-degree arc swing. The flexible head allows work at any angle, and the extended handles provide reach and comfort of the SK patented ergonomic handle. The quick-change lever allows technicians to change drive direction, and the sealed head reduces potential for internal contaminants. They are made in the U.S.A. with a lifetime warranty.

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FEEDS WIRES THROUGH FIREWALL

The **Thexton Wire Insertion Tool Kit**, No. 926, is ideal for installing wires for audio electronics, aftermarket lighting, alarm systems, remote start, and more. The long steel tube provides enough access to feed wires through the other side of the firewall, even in marine applications. A sharp point and solid handle allow the user to easily pierce through firewalls, rubber grommets, and panels. The 3/8" tubing comes with a 35-degree bend, enabling for more direction and control of the pull-through wire. The supplied special tubing allows the user to feed the tubing through the tool and can be crimped.

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LARGE MARKINGS FOR QUICK SIZE IDENTIFICATION

The **Craftsman 243-Piece Standard and Metric Polished Chrome Mechanic's Tool Set**, No. CMMT98077, comes equipped with 72-tooth ratchets, an assortment of drive tools, and a rugged three-drawer blow molded case. With a full polish chrome finish, the tools are corrosion-resistant. The 72-tooth ratchets have a minimal arc swing and come in three drive sizes: 1/4", 1/2", and 3/8". The durable case has a carrying handle and removable drawers for taking the right tools to the job. The tools also feature large markings for quick size identification and meet ASME specifications.

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LOCKING LEVER PREVENTS UNWANTED SWITCHING

The **Hazet Fine Tooth 1/2" Ratchet**, No. 916HP, offers 737 ft-lbs of torque for strength and endurance. It has a length of 11" and 90 teeth to allow a 4-degree handle swing when tightening or loosening. With a locking function of the lever, it prevents unwanted switching. The tool incorporates lubricants in the ratchet mechanism for a longer lifetime. Also, strict manufacturing tolerances prevent dirt from getting into the mechanism. The ratchet also features a two component handle with an integrated hanging hole in the handle, has a chrome-plated surface for easy cleaning, and is corrosion resistant.

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SAFELY OPEN STANDARD FLUID DRUMS

The **Lincoln Drum Plug Wrench**, No. 5841, is designed to eliminate the need for makeshift tools, such as screwdrivers and hammers, to quickly and safely open standard fluid drums. The tool is suitable for agriculture, construction, industrial, fleet maintenance, and vehicle service applications. It is compatible with standard metal and plastic caps or plugs on 16-gal and 55-gal drums.

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FOR MULTI-ANGLE GRIPPING

The **Mueller-Kueps Hose Clamp Plier Kit**, No. 500 035, features a new head design for multi-angle gripping. The waffle head allows users to grip the hose clamp from almost any direction. A ratchet lock keeps the clamp open for handsfree operation. Two styles allow the user to reach most hose clamps that need to be removed. The pliers are constructed from steel and have a cushioned hand grip.

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ALIGNS MANUAL TORQUE WRENCHES

The **Ascot Supply Torque Fin** is designed to link with, stabilize, and properly align manual torque wrenches to ensure accurate torque. The tool is durable, lightweight, and user-friendly. It reduces the risk of injury due to wheel-off accidents, the company says. The Torque Fin works with most commercial torque wrenches and truck tires.

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SMALL BRAKE CALIPER PRESS

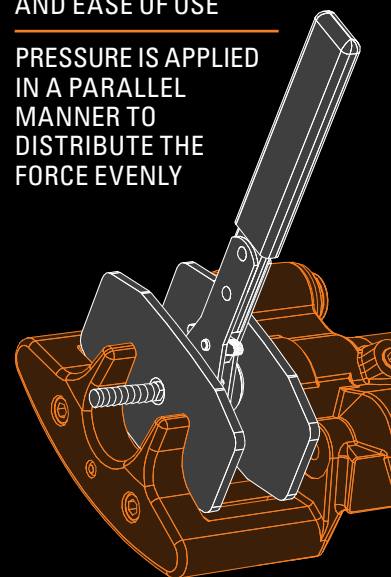
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WORKS ON SMALL TO MEDIUM SINGLE PISTON BRAKE CALIPERS WITH A SIZE RANGE OF 1" TO 3"

A CENTRALLY LOCATED ACME THREADED SCREW PROVIDES EXTRA DURABILITY, SPEED, AND EASE OF USE

PRESSURE IS APPLIED IN A PARALLEL MANNER TO DISTRIBUTE THE FORCE EVENLY



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Professional Tools For 4 Generations™

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FEATURED PRODUCT

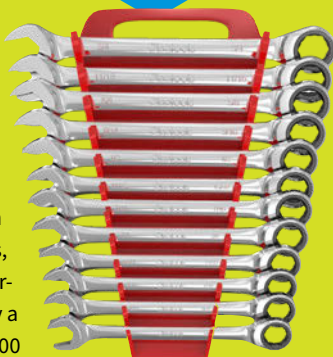
FEATURES A 3.6-DEGREE SWING ARC

The **Olsa Tools Metric and SAE 100-Tooth Combination Ratcheting Wrench Set** skips no sizes and saves users time by giving them the ability to reach into tight spaces with the help of a 3.6-degree swing arc. The polished chrome vanadium steel provides durability, and the patented box end design bites into up to 80 percent of rounded bolts, providing extra grip to avoid slippage. A storage tray is included, and the set is backed by a standard, limited lifetime warranty and a 100 percent satisfaction guarantee.

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Olsatools

Olsa Tools
877-252-6572
olsatools.com



DESIGNED FOR LONG REACH

The **Lisle Long Reach Hose Clamp Pliers**, Nos. 17000 and 17370, are designed with cross-cut tips to grip most hose clamps from multiple angles. The ratcheting lock mechanism holds the clamp in an open position for handsfree use. The pliers feature dual material grips for improved comfort. The overall tool length of 17" for both hand tools allows for extra long reach. The 17370 has 35-degree angled tips for hard-to-reach hoses.

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THREE DIFFERENT HAMMER TIP MATERIALS

The **Magna-Matic Defense Precision Steel Dead-Blow Hammer**, No. PSDB1, is an all-steel precision CNC machined hammer. The PSDB1 offers three different hammer tip materials — one can be screwed into each side of the hammerhead and the third screws into the bottom of the handle. The user can pick a hard or soft non-marring hammer tip depending on the job. The tips are held tight with large O-rings to prevent the tips from backing-off and coming loose. The design of the hammer incorporates a solid steel slug providing the user with a kinetic transfer of energy that multiplies their hitting force. The PSDB1 includes the hammer, one brass tip, one hardened steel tip, one plastic tip, and one steel dead-blow slug.

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PROVIDES EXTRA LEVERAGE

The **Harbor Freight Icon 3/4" Drive Professional 36" Breaker Bar** is designed to break free rusted, stuck lug nuts and fasteners with ease. It's constructed from high alloy steel for strength to handle tough jobs. The long handle provides maximum torque and leverage, and its spring-loaded ball bearing retains sockets. It also features a polished chrome finish for superior corrosion resistance, and the drive end of the breaker bar has a 180-degree swivel to provide the best angle for a variety of jobs.

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CAN BE USED AS A T-HANDLE WRENCH

The **Wurth Limited Edition 29-pc Double Ratcheting Wrench Set**, No. 07142020, is equipped with a double ratcheting wrench, extension, and common wrench inserts, bits, and low-profile sockets for use in confined spaces. The set can be used as a T-handle wrench by inserting the extension into the hexagon socket opening in the center of the double ratcheting wrench. The set comes in an exclusive, high-quality metal box.

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HEAVY DUTY STEEL, HEAT-TREATED FOR DURABILITY



The **3-pc Prydriver Set**, No. SSPDG3, from **Matco Tools** is designed to do the work of a screwdriver with the strength of a pry bar, the company says. The tools are ideal for brake calipers, wheel caps, drive shafts, and drum brakes, as well as chiseling, scraping gaskets, and seal removals. They have heavy duty steel, heat-treated for durability with a black oxide finish for corrosion protection.

The set is made in the U.S.A. and is also available in red and orange.

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SECURE-CLAMPING, ONE-FINGER RELEASE

Malco's Weld-Bonding Axial Pliers are designed to make welding and securing different types of joints easier for metal workers, autobody technicians, and sheet metal fabricators. These pliers are made to fit and operate in tight, narrow, hard-to-access spaces. The fast, secure-clamping one-finger release helps users quickly and accurately hold two pieces of metal together to weld more perfect joints, the company says. The welding pliers are available individually or as a kit of six.

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HELD TOGETHER WITH A LOW-PROFILE FRAME

The **CRKT Twist and Fix Screwdriver Tool**, No. 9902, is a stainless steel multitool used for everyday repair jobs. The tool is held together with a low-profile frame, and each element snaps in and out with ease. Instead of being housed in fixed, eternal bearings, each element in the toolset revolves around a central axle, lengthening the tool you need and keeping the others out of the way. The screwdriver tool includes flat drivers in the sizes 1/16", 3/32", and 7/64", and Philip drivers in the sizes PH00, PH0, and PH1. Additionally, the tool features a durable, glass reinforced nylon handle.

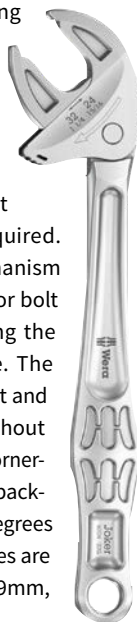
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SELF-ADJUSTING UNIVERSAL WRENCHES

The **Wera Tools 6004 Joker Wrenches** are self-adjusting and cover all metric and imperial dimensions in the respective field of application. The tool automatically finds the required size when placed on the hexagon bolt or screw, no setting is required. The integrated lever mechanism securely clamps the screw or bolt between the jaws, reducing the risk of slipping or damage. The ratchet function ensures fast and consistent screwdriving without removing the tool. With the corner-width rectangular prisms, a back-pivoting angle as low of 30-degrees can be realized. The wrenches are available in 10-13mm, 16-19mm, and 24-32mm.

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6-IN-1 PLIERS FOR WELDERS

The **Channellock 360 Welders' Pliers** are 6-in-1 pliers designed for welders. The pliers offer XLT cutting technology which positions the rivet closer to the cutting edge, requiring less force to cut. Crosshatch teeth and precision machined grooves easily grip and draw out wire, as well as allow for spatter removal. An added spring makes for one-handed use, while 90-degree teeth allow for easy tip installation and removal. The pliers are made in the U.S.A. and are forged from high carbon steel that is coated for rust prevention.

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INCLUDES THREE SIZES

The **SP Tools Spring Style Hose Clamp Lock Set**, No. 16200, is designed to help technicians save time when removing and servicing engine hoses that are fastened with spring style clamps. The set includes three sizes of clamp locks, covering the range of hose clamps used on most engines. These low profile hose clamp locks allow technicians to keep the clamp loaded, freeing up pliers for the next clamp.

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MULTIPLE CARRY OPTIONS

The **CRKT Technician Tool** is a multiuse tool that features a telescoping magnetic pickup device, needle nose pliers, grippers, wire cutters, and a wire stripper, all built in corrosion-resistant stainless steel. On one side, the magnetic pickup device nests in with both a fine and rough file that also features a bottle opener and a strap cutter. A standard feeler gauge sits in snugly. Flip the tool around, and a slip-joint knife blade becomes accessible with a thumb stud, 1/4" bit driver, and gasket scraper. The entire tool fits inside a tough nylon case with multiple carrying options.

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MINIMIZES FRICTION

Redback Boots' Everyday Crew Socks are made from bamboo viscose fibers that offer next-level comfort and support over traditional blends, the company says. In addition to a soft feel and odor resistance, bamboo viscose has three times the wicking capabilities of cotton, keeping feet dry and minimizing friction, preventing irritating blisters and hot spots.

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PRODUCES 2,000 LM

The **Streamlight Inc. Stinger 2020** is a work-ready flashlight that produces 2,000 lm. Its aluminum alloy body with anti-roll design is ergonomically shaped for a sure grip. It features dual power switches and an intuitive mode selector switch for ease of use. Select 'high' for the brightest light or 'low' for extended run-time. A long-lasting lithium-ion battery pack offers multiple charging options using existing Stinger chargers or a bank charger.

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TWO CORE HEAT ZONES

The **Makita 18V LXT Lithium-ion Cordless Heated Vest** features three heat settings (high, medium, and low) for precise heating control, with two core heat zones on the shoulders and back to provide optimum heat distribution. The vest's on/off heat controller uses three-stage LED indicators to show when the product is in use.



The inside pocket on the rear left side holds a Makita 12V maximum pod-style battery (battery not included). The vest also uses an outside power source which accepts Makita 18V Li-ion batteries and compact Li-ion batteries; the power source also has a 2.1A USB power port for charging portable electronic devices (battery and charger are sold separately).

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FEATURES A DIAMOND NOTCH FOR EASY OPENING

The **KNIPEX Tools Electrician's Folding Knife** features a diamond notch for easy opening and closing of its sharp, all-purpose blade. The notch in the blade is ideal for scoring the outside of a cable jacket and sharpening pencils. With a stainless steel, German-designed blade, the knife can withstand numerous applications. It also folds into the handle to easily fit into a pocket. The knife's handle is made from durable, shock-resistant plastic. A tether connection loop at the end of the knife's handle acts as a connection point to use with the KNIPEX tool tethering system.

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DESIGNED TO REDUCE SEVERITY OF BURNS

The **VolCore Work Shirt**, No. FRS-003, from **Radians** helps protect workers from short-term thermal hazards, including arc flash and flash fire. The work shirt is compliant with ASTM 1506, NFPA 2112, and NFPA 70E PPE CAT 2 industry-wide FR standards. According to the company, because the work shirt self-extinguishes and does not melt when exposed to flame, it dramatically reduces the severity of burn injuries. It is made with 7 oz. 100 percent cotton soft woven twill and provides comfort and mobility. The shirt is available in navy, gray, and khaki, and sizes medium to XL and tall sizes.

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WORK HANDS-FREE WITH COAST LIGHTS

SIMPLIFY EVERY JOB. COAST PRO-AUTO
WORK LIGHTS ILLUMINATE THE DARKEST
CORNERS UNDER THE HOOD.



COAST®

TRUSTED TOUGH.

COAST's rechargeable Pro-Auto Work Lights are equipped with beam-shaping optics and adaptable hands-free features — magnetic bases, clips, and head straps — to keep you nimble and your workspace bright.

RECHARGEABLE

PM500R Rotating Light



RECHARGEABLE

FL75R Focusing Headlamp



RECHARGEABLE

SX300R Stretch Light



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HEADLAMP TURNS ON WITH MOTION DETECTION

The **K-Tool International 3-watt 120 lm Head Lamps**, Nos. KT173398A and KT173398B, are designed to provide bright, handsfree lighting for a variety of applications. This light offers four operating modes, an adjustable ratcheting head lamp with 180 degrees up or down to direct light beam, and an adjustable head strap. The battery pack is in the same space as the light itself, allowing technicians to lay comfortably on their back when accessing the underside of a car. The headlamp turns on with motion detection: just wave a hand or turn head side to side to light up the work area.

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SLIM DESIGN

The **Monster Mobile Auto-Darkening Welding Goggles** are lightweight and offer as good or better protection as a traditional welding helmet while allowing users to fit into more constrictive areas, the company says. The auto-darkening welding goggles help improve productivity by allowing greater access and a better view of the work area with its slim design. The welding goggles and hood are designed to give technicians a better view of the weld they are about to make.

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KITS AVAILABLE WITH GLOVES, HARDHAT, AND FACE SHIELD

The **Cementex UltraLite Series Arc Flash PPE Task Wear** is designed to combine complete safety with comfort. The 11 cal/cm2 UltraLite garments include a balaclava-hooded long-sleeve t-shirt and high-waisted 12 cal/cm2 pants, made to fit comfortably over daily-wear clothing. With kits available that include gloves, a hardhat, and a clear face shield. UltraLite Task Wear ensures workers are safe and prepared for the job. All Cementex products are made in the U.S.A.

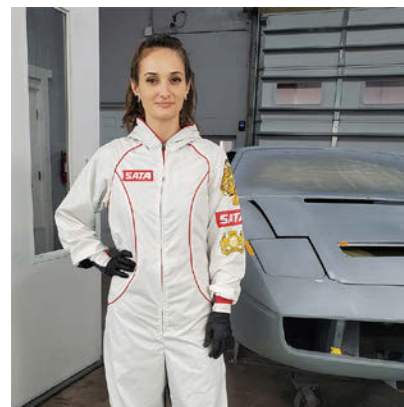
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PERMANENTLY MARKS TOOLS TO PROTECT INVESTMENT

The **Ullman Devices Metal Marker** allows technicians to permanently mark their tools with their name or a unique symbol so they can protect their investment. Using this marker, all technicians need to do is put a stencil on the device, pump the electrolyte, align the Metal Marker with their item, and press the trigger. Within seconds the item is permanently branded and easily identifiable.

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TAILOR-MADE FOR LADIES IN THE INDUSTRY

The **SATA Spray Equipment Ladies Pro-Series GBG Paint Suits** are tailor-made, high quality paint suits designed for ladies within the industry. The Girls Behind the Gun (GBG) suits are made with quality fabric and treated to keep them lint-free, including carbon fiber thread to dissipate electro-static charges which cannot wash out. The suit offers all the same features as the Pro-Series suit with fit and comfort in mind, including a fully breathable back fabric as well as zipper openings for ventilation when needed. In addition, the ladies' suit features pocket knee pads, colored ankle and wrist Velcro closures, and detailed styled piping. Sizes available from X-small to XXX-large.

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EXTENDED CUFF AND FULL TEXTURE

The **MicroFlex MidKnight Xtra** offers comfortable, expanded protection while masking dirt and stains for workers. The nitrile disposable gloves feature an extended cuff to provide extra protection over the wrist and forearm. The gloves are fully textured for a reliable, consistent grip and are resistant to a range of chemicals, oils, and solvents. The distinctive black color hides the appearance of oils, grease, and grime.

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RAISED TEXTURED SURFACE

The **Black Mamba Torque Grip Gloves** are designed to offer an enhanced grip and improved protection for automotive technicians. These gloves feature a raised texture on the surface of the glove to provide a more precise grip on tools and parts. These gloves were created in response to customer demand for a disposable glove that was tough enough to withstand the tough tasks of a technician, the company says. These gloves are designed to prevent users from needing to change gloves multiple times due to ripping or tearing.

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MOISTURE-WICKING MESH LINING

The **Wolverine ShiftPlus Work LX 6" Boot** is designed to provide the toughness of a work boot with the comfort of a sneaker. It features Wolverine's DuraSpring cushioning to power through extra-long hours, and a rubber lug wedge outsole for stability and traction. The outsole and upper are forged together for durability. A full-grain leather upper and optional low-profile alloy safety toe offer maximum protection without the bulk. It also offers breathable waterproof membrane with moisture-wicking mesh lining and a cushioning midsole.

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MAGNETIC BASE TO AFFIX TO ANY METAL SURFACE

The **Coast PM500R Pro-Mount Rotating Light** emits a multi-mode, focusing beam from a portable, turret-style body to provide maximal flexibility for lighting configurations. Standard features include Coast's patented Pure Beam optic system, which allows the user to simply twist the bezel for either a consistent flood beam or use a high-intensity far-reaching spot beam for long distances. Outfitted with a Coast PivotPrecise 180-degree rotating optic, the dust-resistant and weatherproof worklight features a magnetic base, allowing the light to be fixed to metal surfaces to provide task lighting from the side, above, or below. The light offers three power options and runs on a Coast ZITHION-X rechargeable battery, AA alkaline batteries, or continuously from an AC outlet.



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SEVEN-HOUR RUN-TIME

The **LightStar InfiniStar 700** is designed for the working professional. The light is small enough to fit in a pocket and bright enough to light up a room. The 4" compact light offers three modes: high, medium, and low. On high, the light emits 700 lm and has a seven-hour run-time. On medium, it emits 250 lm and has a 10-hour run-time, and on low, it emits 35 lm and has a run-time of 40 hours. The charging circuit is on the battery, allowing the user to put a new battery in while the drained one recharges.

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RUBBER TEMPLE ENDS HELP PREVENT SLIPPAGE

The **Galeton Trax Safety Glasses** are designed to provide the user with superior coverage and comfort. The lightweight safety glasses wrap around and feature flexible rubber temple ends to keep them from slipping. Available in clear (No. 13421) and smoke lens (No. 13422). The smoke lens blocks over 99 percent of harmful UV-A and UV-B rays. The safety glasses meet ANSI Z87.1-2015.

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MOISTURE-WICKING FABRIC

The **Milwaukee Tool WORKSKIN Lightweight Performance Shirts** are made to maximize user experience without hindering productivity. Milwaukee Tool redesigned the shirts with improved comfort, mobility, UV protection, and odor control for technicians who need a base layer that dries fast and stays cool. The work shirts are made from moisture-wicking fabric that helps users stay dry, while the 100 percent polyester material dries fast and resists wrinkles. Equipped with a regular fit and long or short raglan sleeves, the WORKSKIN shirts allow users to move freely for comfortable all-day wear. The shirts are available in two colors: gray and hi-vis.

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RESISTS PUNCTURES AND TEARS

The **MCR Safety Nitrishield Gloves with MAXBio Technology**, No. 6041, contain no latex proteins and offer resistance to punctures and tears. According to the company, they are three times more puncture resistant than rubber and can be used to offer superior resistance to many types of chemicals. The 6041 is an industrial-grade powder-free green nitrile glove that measures 4 mil in thickness and is 9.5" in length. It is biodegradable and comes in fully recyclable packaging. The gloves also have a rolled cuff and textured grip. There are 100 gloves included per box.

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WASHABLE FOR MULTIPLE REUSE

The **Fortune Liberty Nano Tech Fabric Mask** is bacteria and virus resistant, featuring Silver Nano technology. According to the company, lab tests revealed a reduction of bacteria to be 99.98 percent for both Staphylococcus aureus and Klebsiella pneumonia. The masks are both CE and FDA approved. They are also washable for multiple reuse.

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EACH SIDE PIVOTS UP TO 70 DEGREES

The **Snap-on Rechargeable Hands-Free Neck Light**, No. ECHDC038, allows technicians to work handsfree as it rests comfortably on a neck or head and illuminates a work area with 250 lm of directional light. Its focused beams brighten dark work spaces and can be dimmed to the right intensity. The dual lights pivot independently up to 70 degrees, while the flexible band provides a pressure-free fit. The neck light is available in four colors, has an integrated rear recharging unit with battery life indicator, and a built-in, covered micro USB-C port that charges for up to four hours of run-time.

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AVAILABLE IN FIVE COLORS

The **Red Kap Long Sleeve Pro AirFlow Work Shirt** features breathability, functionality, and durability. Its durable poplin fabric wicks moisture while retaining its color and releasing soil wash after wash due to TOUCHTEX technology. The work shirt has three convenient pockets, a mesh-lined collar, and a full poly-mesh back for functionality and comfort. The work shirt is offered in five colors: charcoal, grey, khaki, light blue, and navy. It comes in regular fit or long and sizes from small to 4XL.

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REPELS WATER AND OIL

The **Dickies DuraTech Ranger Pants** feature a relaxed fit and are made with highly durable duck fabric which is stronger than cotton, allowing room to bend and kneel throughout the day. The pants are designed with advanced technologies, including RepelPro Finish to fend off water and oil, as well as Flex material to enhance mobility and comfort. Reinforced seams, pockets, and back hem offer optimal long-lasting durability. The pants also offer multitool cargo pockets and a cell-phone pocket for extra storage. The DuraTech Ranger Pants are available in slate gray and brown.

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CHARGES IN TWO HOURS

The **Maxxeon WorkStar DROID Rechargeable Technician's Headlamp**, No. MSN00500, features two brightness levels: 400 lm and 150 lm. The light head pivots up and down to direct light where it is needed. The headlamp has a USB rechargeable Lithium-ion polymer battery (LiPo) that charges in two hours and offers four LED battery status indicators. The headlamp is compact, weighing less than 4 oz.

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POWER TOOLS & AIR TOOLS



ERGONOMIC DESIGN FOR COMFORT

The **Chicago Pneumatic Cordless Angle Grinder**, No. CP8345, combines efficient performance with a highly ergonomic design that maximizes comfort for end users. The CP8345 is compact and features a thin main grip and tight housing for enhanced handling and ease of operation. The 4.5" wheel size provides up to 8,500 rpm of grinding power, making it ideal for use in body shops, MRO applications, and for technicians working on light and heavy vehicles.

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TRIGGER-ACTIVATED LED

The **Mac Tools High Performance 1/2" Drive Air Impact Wrench**, No. MPF990501, offers a proprietary anvil forging process designed for long anvil life. This impact wrench features a removable and rechargeable trigger-activated light (charger included), a variable-speed trigger for speed control, a valve-lever designed for easy speed adjustment, and a forward handle design for comfort and balance. The compact magnesium housing provides lightweight durability, and a muffler pad helps provide noise reduction. This tool weighs 4.8 lbs and is 6.4" long.

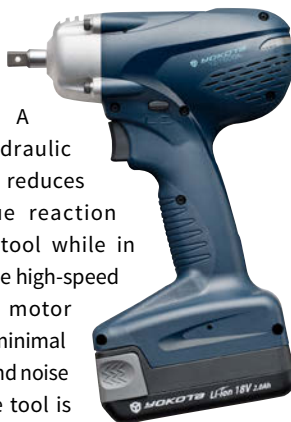
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AUTOMATIC SHUT-OFF MECHANISM

The **Yokota YZ-T Battery Shutoff Wrench** by **Ingersoll Rand** reaches the set target value quickly and delivers precise, high-speed fastening with enhanced ergonomics and reactionless technology. The tool will automatically shut off when the set value has been detected. A sealed hydraulic pulse unit reduces the torque reaction from the tool while in use, and the high-speed brushless motor produces minimal vibration and noise levels. The tool is lightweight at 3.5 lbs, and the weight is evenly balanced to reduce operator fatigue. In addition, the YZ-T delivers 4,800 rpm of free speed, is compact to work in tight spaces, and offers configurations with a 3/8" square or 1/4" quick-change output drive.

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IDEAL FOR TIRE SERVICE APPLICATIONS

The **AME International TorqIT** torque gun series is made in the U.S.A. and was designed to provide high-precision battery-operated torque. Available in four models ranging from 120 to 3,000 ft-lbs in torque, the TorqIT torque guns are ideal in tire service applications on equipment and vehicles in the commercial and OTR industries. Battery-powered and lightweight, the series allows for portability and one-person operation. The batteries are equipped to last approximately 300 to 500 sequences on a full charge and once low, they can be fully recharged within 60 minutes. The digital programmable screen on each model provides consistent and accurate torque with every use. The TorqIT also features a built-in speaker that emits an audible beeping indicator, as well as a visual indicator as the reaction arm backs off the wheel nut as the desired torque is met. Each torque gun is outfitted with a standard reactionary arm, and other styles are available.

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FEATURED PRODUCT

GENERATES 1,400 FT-LBS OF TORQUE WITH REDUCED VIBRATION

JET's line of 3/4" and 1" **Composite Impact Wrenches** deliver power, durability, and a lightweight design in a short and well-balanced package. These tools generate 1,400 ft-lbs of torque with reduced vibration. The balance of these tools gives the user the control they want without losing the power they need to get the job done, says the company. These tools work well for large fastener breakdowns and fastening, general maintenance, and general truck repairs.

Enter #145 at "e-inquiry" on VehicleServicePros.com



800-274-6848
jettools.com

POWER TOOLS & AIR TOOLS



LONG-REACH HANDLE

The **Astro Tools 1/2" and 3/8" ONYX Nano Angle Impact Wrenches**, Nos. 1832 and 1838, are designed to offer the power to remove stubborn bolts in difficult to reach areas. With a full head length of 3.46" and a long reach handle, the tools fit into confined spaces with a slim profile. The tools offer 415 ft-lbs of maximum torque and enough power for a variety of applications.

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NO-LOAD SPEED RANGE OF 2,000-5,500 OPM

The **DeWalt 20V MAX XR 5" Variable Speed Random Orbit Polisher**, No. DCM848, features a brushless motor and variable speed trigger and dial. It achieves a no-load speed range of 2,000-5,500 opm with a 15mm throw for a variety of applications, including detail work on cars, headlights, windshields, and fiberglass. The tool is designed to be held either by its front-end gripping area or side handle. The battery housing is positioned away from the head of the tool and its rubber molding helps to protect the tool and the work surface, as well as helps the user grip the tool.

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FEATURES A VARIABLE SPEED THROTTLE

Adaptability, ease of use, and safety are the focus of **Cornwell Quality Tools' Flex Head Cut-Off Tool**, No. CAT800FR. The user is able to adjust the head angle between straight, 25-degrees upward, and 25-degrees downward with the quick adapt locking ring. With a simple twist, change the spinning direction of the cutting head. Controlling the 18,000 rpm's from the 0.8hp air motor is easy with the variable speed throttle, with safety lever. The key-less guard and exhaust both can be rotated 360-degrees to aid in controlling debris. From trimming stock materials and tubing to cutting off corroded bolts, the tool is designed to offer versatility.

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CAN BE USED ON VARIOUS SURFACES

The **Big Gator Tools Metric V-DrillGuide** is designed to allow users to have the precision of a drill press without losing the accuracy. The innovative 90-degree "V-groove" found on the entire bottom of the drill guide helps ensure perpendicular alignment on round and cornered material. To use this tool, hold the drill guide on the material, clamp, and drill. It can be used on various surfaces. The V-DrillGuide has nine holes that are heat-treated to prevent wearing out. The hole sizes and hole alignment marks are permanently embedded onto the guide. The holes are sizes: 10mm, 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm, 13.5mm, and 14mm. Standard sizes are also available. All V-DrillGuides carry a lifetime warranty and are 100 percent made in the U.S.A.

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Big Gator Tools
888-428-6748
biggatortools.com

FEATURED PRODUCT



STUBBY DESIGN

The **Puma 1/2" Air Impact Wrench**, No. AT-5641, offers 480 ft-lbs of maximum torque and reaches 10,000 rpm of free speed. The tool features a stubby design and variable-speed trigger for compactness and speed control. The air impact wrench also offers high durability and performance in automotive, production, manufacturing, or assembly environments. It weighs 3.31 lbs.

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COMPACT SIZE AND LOWER WEIGHT REDUCES OPERATOR FATIGUE

The **Makita 18V LXT Lithium-ion Brushless Cordless 2-pc Combo Kit**, No. XT284SX1, includes an impact driver and impact wrench, as well as two batteries, a charger, and a tool bag. The 18V LXT Brushless Impact Driver (No. XDT13Z) delivers 125 ft-lbs of maximum torque and zero to 3,400 rpm. It has a compact design measuring 5" in length and weighs 3.3 lbs. The 18V LXT Sub-Compact Brushless 1/2" Square Drive Impact Wrench (No. XWT13Z) delivers 155 ft-lbs of maximum torque and 245 ft-lbs of nut-busting torque. With its compact size and lower weight, it is ideal for working in tight spaces and for overhead applications by reducing operator fatigue.

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DELIVERS LOW NOISE AND HIGH TORQUE

The **AIRCAT Pneumatic Tools VIBROTHERM DRIVE 1" Impact Wrench**, No. 1993-VXL, is designed to deliver high torque, low vibration, low noise, low weight, shorter length, and longer working life, as well as unmatched styling design, operating comfort, and convenience. The impact wrench offers a maximum torque of 2,000 ft-lbs, weighs 20.2 lbs, and is 18.7" in length. The VIBROTHERM DRIVE 1" Impact Wrench includes a three-year warranty.

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PROVIDE A STEADY FLOW OF REGULATED AIR

The **ESCO Air Pressure Reducers**, Nos. 10609 and 10601, are designed to regulate air pressure for air tools and air-hydraulic-powered pumps and lifting equipment. Engineered with two preset psi values (90 and 110 psi), the Air Pressure Reducers assist in lengthening the life of tools and equipment, adhering to manufacturers' recommended operating air pressure, and promoting safe and accurate use. The aluminum housing with anti-rust and noncorrosive parts is equipped with an internal filter that prevents debris and other particulates from contaminating and clogging the inner mechanism of an air motor. With +/- 10 percent accuracy, the Air Pressure Reducers provide a steady flow of regulated air.

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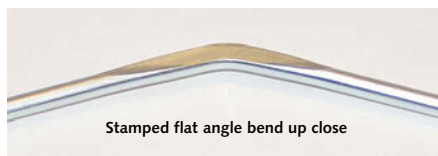
ESCO
352-754-1117
esco.net



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- For quick easy entrance of tools, the LT-128A rod is 44" long x .187" thin. The LT-128B is 34" long x .125" super thin. To achieve maximum strength and rigidity the angled bend inflection points are stamped flat.
- Included in the kit is the LT276 Super Wedge. Its knife sharp edge and ribbed wash board surface ensure it is easy to insert and won't slide out of door during use. Also can be used to hold window in door channels during window regulator work and removes body moldings with sharp edge. Three tools in one wedge.



Stamped flat angle bend up close



LT-128A serrated offset tip up close



LT276

LT-128B

LT-128A



LT-128B serrated U-shaped tip up close



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www.lttools.com
lttools@lttools.com

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FEATURES AN ADJUSTABLE HEAD WITH THREE POSITIONS

The **Mighty Seven 3" Flex Head Air Cutoff Tool**, No. QC-263, features an adjustable head with three positions controlled by a quick-adapt locking ring. It also offers a forward and reversible lever to change cutting direction, and a spring-loaded 360-degree keyless guard and exhaust port to direct sparks, debris, and air away from the work area. In addition, the cut-off tool has a 0.8hp motor to resist stalling when cutting stock materials, tubing, corroded bolts, and other cutting applications. It is versatile and backed by a three-year warranty.

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OFFERS A FREE SPEED OF 310 RPM

The **Matco Tools 16V Cordless Infinium 3/8" Drive Long Reach Ratchet Kit**, No. MCL1638LRK2, features a 6" extended length for longer reach and greater access for front end engine accessories, timing covers, air cleaners, transmission bellhousing bolts, and dash work. The cordless ratchet offers a free speed of 310 rpm, a captured head, and is designed to withstand 155 ft-lbs of manual torque and 35 ft-lbs of maximum torque. The kit includes a charger, two 2.0Ah batteries, and large carry case.

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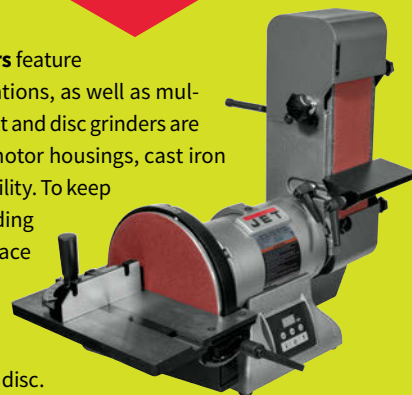
USABLE IN VERTICAL AND HORIZONTAL POSITIONS

The **JET Industrial Belt and Disc Grinders** feature a range of belt sizes and speed configurations, as well as multiple belt and work table positions. The belt and disc grinders are made with heavy cast iron bases, steel motor housings, cast iron work-rests, and all steel shrouds for durability. To keep users safe, the tools offer complete guarding of all pinch points and non-working surface contact points. The grinders can be used in both vertical and horizontal positions and come equipped with two 2" round dust ports; one for the belt and one for the disc.

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FEATURED PRODUCT



JPW Industries

800-274-6848

jettools.com

FEATURES A PRECISE VARIABLE SPEED TRIGGER

The **Carlyle Tools 1/2" Dr. Push Button Impact Wrench** is a balanced and lightweight tool, weighing only 4.3 lbs and producing over 1,450 ft-lbs of breakaway torque. The pneumatic impact wrench features a precise variable speed trigger, 1/4" - 18 NPT hose end thread diameter, easy directional change with rear forward/reverse push buttons, and a four position regulator that allows for controlled power output in forward direction.

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FEATURES A NO-LOAD SPEED OF 2,200 RPM

The **SP Tools by SP Air 12V 3/8" Dr Mini Impact Wrench**, No. SP81113, features a no-load speed of 2,200 rpm and delivers 77 ft-lbs of torque. The mini impact wrench is ideal for working in tight areas, offers a variable speed trigger with a brake, and has an ergonomic soft grip handle. It also features a built-in LED to illuminate the work area. The SP81113 set includes the mini impact wrench, 12V maximum lithium 2.0Ah battery pack, charger, and case. The tool will be available starting July 1, 2020.

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SHOP EQUIPMENT, STORAGE & SUPPLIES

FEATURED PRODUCT

OFFERS CUSTOM CONFIGURATIONS

The **Steck Manufacturing Pro Folding Parts Cart**, No. 35950, is a versatile parts cart with locking pin fasteners that allow each shop to custom configure up to three shelves/mesh baskets vertically or flip for dual-sided access. Additionally, mesh baskets can be added as needed, as well as cart hooks to hang bumpers, hoods, fenders, and other components. Wide 4" polyurethane casters attached to telescopic legs (29.7" to 45.7") allow the cart to easily support up to 396 lbs.

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Steck Manufacturing
937-222-0062
steckmfg.com



ATTACHES TO ANY FERROUS SURFACE

The **OEMTOOLS Magnetic Glove Dispenser**, No. 24945, features a magnetic attachment for convenient placement, eliminating time spent searching for gloves. It also attaches quickly and easily to any ferrous surface. The dispenser is self-adjusting with spring sides to hold various box sizes. It has four magnets to provide an 8-lb load capacity. The Magnetic Glove Dispenser can be used with OEMTOOL's ViperFlex Nitrile Gloves, No. 24496, in sizes small to XL (sold separately).

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FEATURES COMPACT, PORTABLE DESIGN

The **Makita 18V LXT Li-ion Brushless Cordless 2-gal Vacuum Kit** delivers 57 cfm using an 18V LXT Li-ion battery. The vacuum offers a compact and portable design that weighs 10.1 lbs. The filter cleaning system is designed to maintain suction efficiency and improve filter life. The HEPA filter captures 99.97 percent of particulates 0.3 microns and larger, the company says. The kit includes two 18V LXT Li-ion 5.0Ah batteries, a rapid optimum charger, a flexible hose, a wide nozzle, a crevice nozzle, and a HEPA filter.

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CHARGES VIA MICRO USB PORT

The **Monster Mobile Hand Held Rechargeable Work Light**, No. MST00382, features a compact and lightweight design. The 15W COB LED emits 750 lm on high with a run-time of 2-1/2 hours and 375 lm on low with a run-time of five hours. It has two convenient hooks for multiple lighting positions and a comfortable rubber grip. The light charges in four hours via a micro USB port. An AC charger (5V, 1A) is included. The worklight is covered by a one-year warranty.

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FEATURED PRODUCT

FEATURES HIGH-END BALANCING CAPABILITIES

The **CEMB USA EZ15 Wheel Balancer** is a space-saving 3-D balancer that includes an intuitive, durable, and easy-to-use 12" touchscreen monitor. The wheel balancer has high-end balancing capabilities with accuracy and repeatability. The compact wheel balancer comes with advanced innovative features such as 3-D wheel measurement with virtual sonar, AutoAdaptive mode, and an electromagnetic brake.

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SHOP EQUIPMENT, STORAGE & SUPPLIES



INSTALLS FLUSH AGAINST A WALL

The **Ranger R980AT Tire Changer** features a small footprint and is designed with a swing arm that doesn't tilt back, allowing it to be installed flush against a wall to free up needed space for other projects. The tire changer is ideal for full-service repair bays and general tire shops, as it can handle a variety of wheels, including most commuter and passenger vehicles, light duty trucks, and race cars. The R980AT is easy to operate, rugged, and equipped with a power assist tower that makes working with stiffer sidewalls, run-flats, and other low-profile tires easier, the company says.

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FEATURED PRODUCT

FEATURES LARGE CATCH AREA

The **Lisle Corporation 4.5 Gallon Oval Drain Pans**, Nos. 17972 and 17982, feature a larger catch area for easier fluid draining. The drain pans have a height of 6.25" to fit in tight spaces and their smooth pan design is easy to wipe out and clean. They also feature a 1.125" outer diameter spout for quick and easy pouring of used fluids into most jugs, as well as has an anti-splash lip to prevent spilling when carrying or pouring. They are made of high density polyethylene material that is resistant to chemicals and solvents. The drain pans come in two colors: No. 17972 is black for oil and No. 17982 is green for coolant.

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Lisle Corporation
712-542-5101
lislecorp.com



PROTECTIVE DRAWER LINER INCLUDED

The **K-Tool International Pro Series 54" Top 8-Drawer Tool Cabinets** feature a gas strut for the top lid and single ball bearing slides for two top drawers, as well as double ball bearing slides for two bottom drawers. The overall weight capacity is 1,200 lbs. The top tray has a 200-lb capacity, the single slide drawers have a 100-lb capacity, and the double slide drawers have a 200-lb capacity. The 8-drawer tool cabinet measures 53" length by 24.1" width by 21.4" height. It has a powder coating finish for durability and includes a protective drawer liner. It is available in black or red.

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FEATURED PRODUCT

EASILY REMOVES AND INSTALLS CALIPERS AND ROTORS

With **Gray Manufacturing's Disc Brake**

Dolly, No. DBD-200, technicians can easily remove and install both calipers and rotors. It not only holds and lifts components for removal and installation, but it also allows the user to rotate the component for easy servicing and realignment. All adapters can be stored on the dolly, making them readily accessible, and may be interchanged quickly by pinning and unpinning the adapter to the post.

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Gray Manufacturing
816-233-6121
grayusa.com

USE AS AN UNDERHOOD LIGHT, AREA SPOT LIGHT, OR FOUR INDIVIDUAL WORK LIGHTS

The **Power Probe Pro Modular Work Light**, No. PPMWL1000, is versatile and can be used as an underhood light, an area spotlight, or four individual work lights. The worklight can be mounted in multiple orientations for handsfree use by utilizing the magnets on the side and back of the housing, or the threaded holes for mounting to a tripod. Also, each individual modular light has magnets and a swivel hook, allowing handsfree work. This light has a total of 1,000 lm on high up to three hours or 500 lm on low for six hours. Each light module can output 250 lm on high.

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SHOP EQUIPMENT, STORAGE & SUPPLIES



CLINGS TO SMOOTH, FLAT, AND CURVED SURFACES

The **ESCO GeckoGrip Flexible Trays** feature a soft silicone texture that clings to smooth, flat, and curved surfaces, protecting any surface from dents, dings, or scratches. The trays help organize and store loose parts, paint, and tools. Cast out of food-grade silicone with a built-in carrying handle, the GeckoGrip trays are impervious to most chemicals and heat-resistant up to 395 degrees F. Convenient built-in compartments allow for easy storage of small components and liquids. Sold in high-visibility yellow, GeckoGrips are available individually in a small, medium, or large size 2-pc set that includes one small and medium-size tray, or as a 3-pc set that includes all three sizes.

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FEATURED PRODUCT

CUSTOMIZABLE TO FIT YOUR SPACE AND STORAGE

The **Beta Tools USA System RSC55** modular workshop combination allows users to create a modern work environment customized to fit their space and storage needs. A rationally organized transport system designed for tools enables users to have everything they need within reach, the company says. Customized workspaces with workbenches in 6.5', 9', and 13' lengths. Select fixed or mobile roller cabinets with two to eight drawers, or workbench legs configured for hose reels, power outlets, or waste and paper roll compartments.

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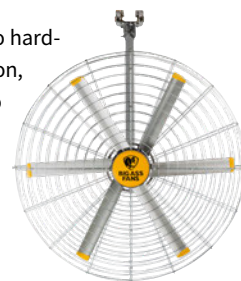


Beta Tools USA
717-449-5044
betatoolsusa.com

COOL AIR UP TO 120' AWAY

The **Big Ass Fans Pivot 2.0 Fan** is designed to bring cooling airflow to hard-to-reach work areas. Pivot 2.0's direct-drive motor offers quiet operation, and the durable steel cage keeps workers safe. The fan can cool air up to 120' away, due to a 6' diameter motor. Other notable features include versatile installation with ceiling, beam, and column mounting options; 73 airflow positions and variable speed controls; quiet operation with a direct-drive motor and balanced airfoils; and a three-year warranty, with a lifetime warranty on hub and airfoils.

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DESIGNED TO DISINFECT SURFACES IN SECONDS

The **SP Tools USA UV-C Disinfection Light**, No. SP81479, is not just a light, but a way to disinfect, the company says. The UV-C Disinfection Light is designed to keep the work and home environment safe using UV-C wavelengths to disinfect surfaces in seconds. The light is effective on common surfaces including bathrooms, kitchens, doorknobs, tools, and toolboxes. According to the company, SP81479 kills 99.9 percent of microorganisms including viruses, bacteria, and protozoa. The light includes not only a UV-C disinfection light but also an automatic identification system and a 500 lm pocket floodlight.

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FEATURED PRODUCT

SP Tools USA
855-465-1819
sptoolsusa.com

LIFT RANGE UP TO 42"

The **OTC 1,100 lb Capacity High-Lift Dual Wheel Dolly**, No. 5105B, is designed to be an effortless air-powered hydraulic lift system for a variety of applications. It has a lifting range of zero to 42" and has a 6" lateral adjustment. The wheel dolly features a tilt adjustment of -8 degrees to 15 degrees to ensure easy alignment. It also has four swivel casters with two locking casters for enhanced mobility.

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SHOP EQUIPMENT, STORAGE & SUPPLIES

MAGNETIC ON BOTH SIDES

The **Magnetic ToolMat** from **Master Magnetics** is designed to securely hold tools and small parts while in the workshop, garage, or on the jobsite, allowing the user to stay organized, work fast, and be more productive.

Magnetic on both sides to attract to any flat or curved ferrous metal surface, it's a mobile tool rack that keeps tools and parts with the user as they work. It features reinforced grommets and a sewn-in handle for mounting options and easy carrying, as well as durable synthetic leather that wipes clean easily and is resistant to damage, grease, oils, and most common shop chemicals. Available in three sizes.



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MASTER MAGNETICS, INC.
MAGNET
SOURCE

Master Magnetics
303-688-3966
magnetsource.com

FEATURED PRODUCT



EASILY CONVERTS BETWEEN R-134A AND R-1234YF

The **Mastercool R134a/R1234yf Complete A/C Recovery Set**, No. 69372, incorporates a spark-free compressor and enhanced features to allow for maximum recovery capacity, while at the same time decreasing size and weight. The set includes all hoses and couplers needed to recover, cleanse, and remove the oil from R-134a and R-1234yf automotive A/C systems, as well as an extra filter dryer for replacement. The unit easily converts between R-134a and R-1234yf with the included dual brass manifold gauge set, couplers, and conversion fittings. Each unit has a 30-lb DOT tank for R-134a and 30-lb DOT tank for R-1234yf refrigerants with a float switch that shuts off the recovery when the tank is 80 percent full.

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EXPANDS WITH REMOVABLE DRAWERS

The **Craftsman 18" Cantilever Tool Box**, No. CMST18001, features two cantilever drawers for multi-layer organization and expands with four removable dividers. The water-resistant and durable IP54 rated toolbox allows the technician the flexibility to customize the storage of their tools and provides optimal accessibility. It also features two large, durable metal latches to secure the cantilever toolbox.

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DOES NOT REQUIRE ELECTRICAL CONVERSIONS

The **AMGO SL-6 Single Post Lift** is ideal when technicians have limited space and need to lift a vehicle quickly. The SL-6 is permanently affixed and can be used in commercial service shops, home garages, or any area where space is limited. The lift uses a standard 110V outlet and doesn't require any electrical conversions.

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FEATURES A 120V POWER STRIP THAT INCLUDES THREE OUTLETS AND TWO USB PORTS

The **Cornwell Quality Tools 5-drawer Sliding Top Cart** features a locking till with a 120V power strip that includes three outlets and two USB ports. There is pry bar and screwdriver storage on both sides of the cart. The 5-drawer cart offers 6" by 2" casters and an overall capacity of 23,289 cu-in. The **6-drawer Flip Top Cart** features a 120V power strip with three outlets and two USB ports. The 6-drawer cart offers dual 30 lb gas shocks, cutouts on the sides for large tool storage, 6" by 2" casters, and an overall capacity of 24,817 cu-in. Once the unit is unlocked, the lid will move to the opened position. The carts are made in the U.S.A.

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Cornwell Quality Tools
330-336-3506
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FEATURED PRODUCT

Our lifting equipment has been
trusted for over six decades,

and you can trust us now for

the same American-made

tools you need to keep

trucks moving.

Our vertically integrated

manufacturing process means delivery

times on our equipment haven't changed.

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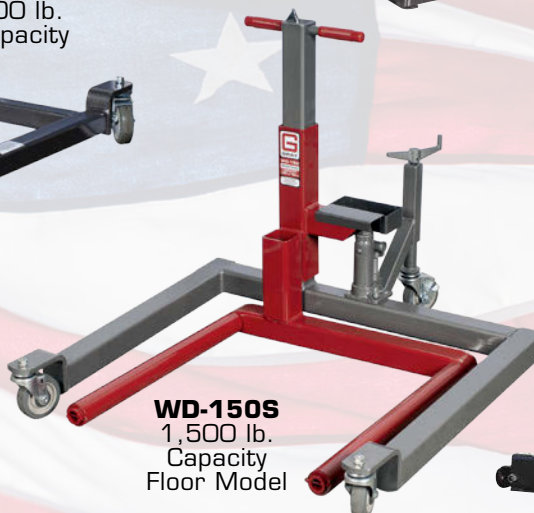


DBD-200
200 lb.
Capacity

FSJ-120
12,000 lb.
Capacity



10-TF
20,000 lb.
Capacity



WD-150S
1,500 lb.
Capacity
Floor Model



WPLS

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SECTION SPONSORED BY



INDUSTRIAL-GRADE 5HP MOTOR

The **Jenny Products 60-gal Single Stage Air Compressor**, No. G5A-60V, features a 60-gal vertical air tank and an industrial-grade 5hp motor. Designed for long-lasting, reliable performance, the compressor is ideal for use in shops. The G5A-60V provides 27.8 cfm at 125 psi through an American-made cast-iron compressor pump. The pump offers a splash lubrication system using Jenny Ultimate Blue synthetic compressor oil. An oversized fly-wheel and a directional air shroud further assist in pump cooling.

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TWIST AND LOCKING TECHNOLOGY

The **Hansen Global Magnetic Pliers Organizer**, No. 8212, is designed to hold six pliers and features a twist and locking technology to secure the pliers and hangers to the ToolHANGER board. The organizer's industrial-strength rubber coated magnets support up to 10 lbs. The board and hangers are made from high-quality plastic and will not break or bend, says the company. The organizer comes fully assembled, is made in the U.S.A., and is backed with a lifetime guarantee against workmanship and defects.

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FEATURED PRODUCT

RELEASES EASILY FROM RECESSED FITTINGS

The **LockNLube Grease Coupler** attaches to 1/8" NPT threads standard on all grease hoses and works on all Zerk fittings. It does not leak and will not pop off under pressure, the company says. After greasing, press the thumb lever to release the coupler from the Zerk fitting. Users can then grease their equipment with handsfree operation, without the mess or concern associated with leaking grease couplers or couplers releasing under pressure. The LockNLube Grease Coupler is 1mm larger in diameter than a standard coupler. It releases easily from recessed fittings, according to the company.

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LOCKNLUBE

LockNLube
603-795-2298
locknlube.com

SHOP EQUIPMENT, STORAGE & SUPPLIES

FITS MOST TOOL DRAWERS

The **GEARWRENCH Flex Foam Universal Tool Storage System** is designed to provide a tool storage solution without having to customize to each individual tool. The universal pattern holds most tool shapes, and its low profile fits in most tool drawers (2" deep and up), and the 16" by 22" dimensions can be segmented to fit unique drawers. Available as a four-piece set, the Flex Foam Universal Storage System's material and pattern are strong enough to keep tools in place without rattling around inside of a mobile cart. The foam material resists tearing and is solvent resistant.

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OFFERS UV PROTECTED POWDER COAT FINISH

The **Homak Manufacturing CTS (Centralized Tool Storage)** is an ideal solution to help technicians keep their tools – and shop – organized. The CTS is 24" deep and is constructed with 16- and 18-gauge steel. It includes 100- to 200-lb drawer slides and lift latch drawer handles. It also features a UV-protected powder coat finish. The CTS is available in three bold colors and four sizes: 36", 41", 54", and 72".

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LAYS FLAT AND RESISTS KINKS

The **Coilhose Pneumatics 25' Yellow Belly Hybrid PVC Air Hose** is a lightweight, durable hose that lays flat even in cold weather. The hose rolls out and stores well, resists kinking under pressure, and is available in 25', 50', and 100' lengths. It features a temperature range of -40 degrees F to 140 degrees F and a working pressure of 300 psi. The Yellow Belly line comes with field repairable fittings and crimp-on strain relief fitting kits.

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EZTRAY QUAD EXPANDABLE MAGNETIC TRAY

- Flexible, expandable design allows for compact storage
- Four compartments keep parts separated and organized
- Embedded magnets help hold loose parts, hardware and fasteners to any ferrous surface
- Easy to clean and will not scratch surfaces

EZTRAY-QRD RED
EZTRAY-QGR GREEN
EZTRAY-QOR ORANGE



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EZRED.COM

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SHOP EQUIPMENT, STORAGE & SUPPLIES



FREE FLOATING AND MULTIDIRECTIONAL

Quality Stainless Products' OEM Quality Alignment Turnplates feature 4,500-, 7,500-, and 15,000-lb capacity models for cars, light trucks, and medium duty and heavy duty applications, as well as specialty models for the military. The turnplates are available in powder coat carbon steel, stainless steel, and aluminum. All models utilize polished acetal ball bearings. The turnplates are free floating and multidirectional. They also include a unique feature called dynamic load control for off-center loading.

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FEATURED PRODUCT



MADE ENTIRELY FROM ALUMINUM

The **Prevost Piping System** is a compressed air network range made of compact, lightweight, impact-resistant pipes and fittings made entirely from aluminum. The Piping System offers a leak-free network that is easy to assemble. The aluminum alloy used, combined with epoxy paint on the outside and a treatment on the inside, protects the pipe against the risks of oxidation and corrosion. This system comes equipped with the "PPS Grip Concept" to ensure a good connection and no leaks. Flow rates are optimized thanks to a smooth internal pipe surface, a low friction coefficient, and a large diameter. With a full range of accessories and pipe sizes ranging from 1/2" - 3", the piping systems are fully customizable to accommodate any facility.

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Prevost
800-845-7220
prevostusa.com



Portacool Jetstream™ 240



Portacool Jetstream™ 250

\$ Portacool evaporative coolers offer the lowest cost, effective cooling solution available

° Designed to create a noticeable difference, our products can dramatically lower temperatures

W Use single products to spot cool or multiple for full-shop cooling



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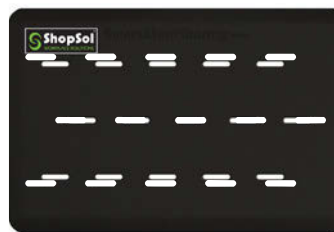
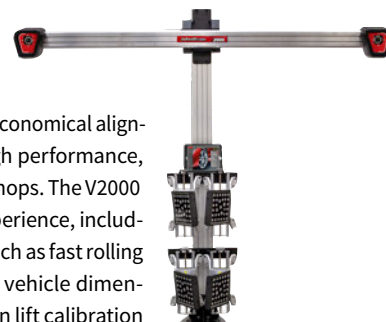
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3-D VEHICLE MEASUREMENTS

The **John Bean V2000 Imaging**

Wheel Alignment System is an economical aligner that provides ease of use, high performance, and reliability to general repair shops. The V2000 offers users the full-imaging experience, including 3-D vehicle measurements such as fast rolling run-out compensation and full vehicle dimensions. It is also less dependent on lift calibration and uses the company's patented camera technology to develop a configuration that replaces the traditional PC and cabinet aligner with a tablet and fixed beam configuration.

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OFFERS ADDITIONAL GRIP SUPPORT FOR SLIPPERY FLOORS

The **ShopSol Supreme Dual Anti-Fatigue Mat** provides comfort and durability, as well as offers additional grip

support for slippery floors in smaller areas. The Supreme Dual series features the same benefits as the original Supreme series, but the extra grip secures the mat in place, resisting dangerous mat travel. The mats are designed to make standing more comfortable by reducing back, neck, leg, and foot fatigue associated with long-term standing. The mats are 3' by 2' by 3/4" and available in black or gray.

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FEATURED PRODUCT

COOLS AUTOMOTIVE WORKSPACES

The **Portacool Jetstream 230** is designed to offer versatility and cooling comfort to professional, single-person workspaces. The Jetstream 230 features oscillating louvers that deliver cooling to up to 900 sq. ft. with 3,600 CFM, low-water shutoff, and Kuul Comfort MicroTech evaporative media to lower the temperature in hard-to-cool industrial and automotive shop areas. The Jetstream 230 stands just over 4' and is made in the U.S.A.

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PORTACOOOL

Portacool
936-598-5651
portacool.com

FEATURES A 19,000-LB CAPACITY PER COLUMN

The **MAHLE Service Solutions Wireless Mobile Column Lift CML-9** features a touch-screen graphic control system and a patented self-centering adjustable carriage, providing the user with a reliable and safe lifting environment. The CML-9 lift is ALI certified, 24V, and has a wide, adjustable carriage for oversized tire engagement. It has a lift height of 69", maximum hydraulic operating pressure of 2,600 psi, and 19,000-lb capacity per column.

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GUARDS AGAINST OIL, GREASE, AND MORE

The **Wurth USA 5-pc Surface Protection Set for Vehicle Interior** helps protect employees and customers from the spread of germs and viruses. Each convenient pack contains one disposable seat cover, steering wheel cover, floor mat, gearshift cover, and handbrake cover with universal measurements to fit most vehicle specifications. Easy to apply and remove, the Surface Protection Set is ideal for use during mechanical repair, maintenance, road tests, and rentals as it guards against dust, oil, grease, water, and friction which can dirty or damage interiors.

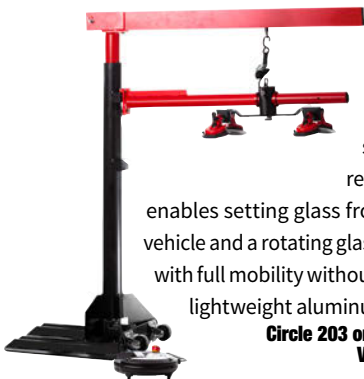
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REMOTE-CONTROLLED LIFTING OPERATION

The **Equalizer SafeLift** is a powered installation system that allows a technician to remove and install windshields, panoramic roofs, backlites, and body panels without a second technician. SafeLift features a remote-controlled lifting operation that enables setting glass from either the left or right side of the vehicle and a rotating glass stand. SafeLift provides technicians with full mobility without heavy lifting and strain. It is made of lightweight aluminum for mobile or in-shop application.

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SHOP EQUIPMENT, STORAGE & SUPPLIES



FEATURED PRODUCT

DETACHABLE HOOD LIGHT WITH DUAL OUTPUT

The **Alert Stamping Rechargeable COB LED Auto Hood Light**, No. LHR5200, features two detachable work/flood lights with dual brightness levels of 600 lm on low and 1,200 lm on high. The hood light has up to a seven-hour run-time, is rain tight, and has a magnetic base that tilts and rotates. It also offers a bracket that extends up to 78" and can stand on flat surfaces. The hood light can be used as a USB power bank to charge devices. It includes a USB-C cord and a charger plug.

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Alert Stamping & Mfg.
440-232-5020
alertstamping.com



FAST-ACTING SPECIALIST CLEANING SPRAY

The **Big Wipes Power Spray** is designed to remove gunk on big surfaces or hard-to-reach areas. The formula is designed to cut through anything from diesel, heavy grease, foams, adhesives, silicone sealants, and epoxy grouts. It is a powerful, fast-acting specialist cleaning spray that contains the same grime-busting formula as the Big Wipes wipes. The four co-solvent power cleanser blends actively target oil, paint, sealants, and adhesives. The Power Spray is available in 32-oz or 1-gal sizes.

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REMOVES ENGINE OIL, COOLANT, BRAKE FLUIDS, AND MORE

The **JohnDow Industries Fluid Extractors**, Nos. JDI-277EV, JDI-172EV, and JDI-050EV, are designed to provide a clean, fast, and simple way to evacuate a wide range of fluid types, including engine oil, transmission fluids, gear oil, coolant, brake fluids, and more. They have a polyethylene construction that is impervious to automotive chemicals and includes 5' flexible hosing and rigid dip-stick tubes for engine oil removal. The hose assembly incorporates an in-line fluid shut-off valve and universal adapter for brake bleeding, while the air shut-off valve allows the unit to be used away from an air source. The extractor line includes a 2.7-gal pneumatic model (No. JDI-277EV); a 1.7-gal hand pump model (No. JDI-172EV), and a .5-gal pneumatic model designed exclusively for brake fluid exchanging (No. JDI-050EV).

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FULLY AUTOMATIC AIR PURGING

The **Matco Tools R134a Hybrid Certified Touchscreen Automatic RRR**, No. AC442, offers a small footprint to take up less space in the shop. The AC442 has the ability to log and monitor services for proactive improvements and service reminders, refrigerant use optimization, warranty reporting, and more. The machine also offers an LED status indicator visible from anywhere in the shop, single-hand access door, and permanent wireless software updates. In addition, the vacuum pump oil lasts for up to 1,000 hours, the machine has a maximum operating altitude of 6,562', and features fully automatic air purging.

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FEATURED PRODUCT

FEATURES A 5-MICRON FILTRATION RATING

The **Motor Guard AC-6500 Air Control Unit** removes moisture and particulates from compressed air and provides a finely regulated supply of air for critical applications. Its compact design and large airflow capacity make it a highly effective and economical addition to any compressed air system, says the company. The AC-6500 features a 5-micron filtration rating, a precision diaphragm regulator, a high-visibility pressure gauge with a glass lens, a high capacity bowl with a manual drain, a multi-outlet design for versatile application, and a mounting bracket.

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Motor Guard
209-239-9191
motorguard.com



SAVE HUNDREDS with package deals on BendPak/Ranger Equipment
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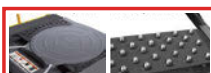
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ALL-INCLUSIVE COMBO

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\$11,439⁹⁹

- (1) BendPak HDS-14LSXE Alignment Lift
- (2) BendPak RBJ7000 Rolling Bridge Jack
- (1) Airline Kit



BEN14LSXECMB2



Price does not include vehicles or installation

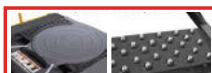
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\$600
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- (2) BendPak RBJ7000 Rolling Bridge Jack
- (1) Airline Kit



BEN14AXCOMB3



Price does not include vehicles or installation

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\$600
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ALL-INCLUSIVE COMBO

R Ranger®

\$6,244⁹⁹

- (1) Ranger R980AT Tire Changer
- (1) Ranger DST30P Wheel Balancer
- (1) Tape Wheel Weights

Price does not include tires or rims as shown

RANCOMB01



GET UP TO
\$450
FOR OEMTOOLS®

ALL-INCLUSIVE COMBO

R Ranger®

\$4,899⁹⁹

- (1) Ranger R980XR Tire Changer
- (1) Ranger DST2420 Wheel Balancer
- (1) Tape Wheel Weights

- Max. Rotor Thickness - 2.5"
- Max. Rotor Diameter - 17"

Price does not include tires or rims as shown

RANCOMB05



GET UP TO
\$300
FOR OEMTOOLS®

R Ranger®

\$6,299⁹⁹

Ranger Brake Lathe with Bench

DELUXE TOOLING PACKAGE INCLUDED

RL-8500



GET UP TO
\$450
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COOL BOSS™

\$1,239⁹⁹

Cool Boss Portable Evaporative Air Cooler

- Fan Diameter 30"
- Max. Airflow 10,595 CFM

CB-30L



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\$150
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Ranger Stainless Steel Spray Wash Cabinet

- Load Capacity - 500 lbs.
- Tank Capacity - 50 Gal.

FREE 20-lb. Soap Bucket



**\$99
VALUE**



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The MaxJax portable two-post lift is one of the most versatile DIY tools ever invented. Its patented design allows you to get full-sized lift advantages in spaces with limited ceiling heights. Best of all, MaxJax is completely portable and can be setup virtually anywhere. For more info call **1-844-629-5291** or visit **www.MaxJax.com**.

1. Roll It



2. Work It



3. Stow It



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JUMP STARTS GASOLINE AND DIESEL ENGINES

The **SP Tools USA Next Generation Ultra-Capacitor Jump Pack**, No. SP61074, utilizes ultra-capacitor technology and allows a vehicle's flat battery, with at least 5V available, to charge the jump starter's capacitors and then jump start the vehicle. Simply connect the jump starter to the vehicle battery; it will display the vehicle battery's existing voltage and health status and, if necessary, can then charge itself from the depleted vehicle battery. Once charged, the SP61074 is then able to supply a short burst of full power back into the vehicle's electrical system, allowing for vehicle startup. Capacitors can fully charge in 45 seconds. The SP61074 is able to jump start gasoline engines up to 5L and diesel up to 3L.

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CHARGES DEAD BATTERIES AS LOW AS 1V

The **NOCO Genius10 10A Mountable Battery Charger and Maintainer** is designed for 6V and 12V batteries up to 230Ah, including lead-acid, lithium, wet, gel, maintenance-free, EFB, AGM, and calcium batteries. It features an integrated thermal sensor for improved battery life, in addition to hyper-density technology. The Genius10 also has seven charge modes: 6V, 6V AGM, 12V, 12V AGM, 12V lithium, 12V supply, and 12V repair mode. Charge dead batteries as low as 1V with Force Mode, which allows manual charging for extreme dead batteries. Genius10 also features the X-Connect OUT interchangeable connector to utilize the included battery clamps.

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NO LINE REMOVAL NEEDED

The **AirSept Smart Splice Pro Series - Trans and P/S Kit** provides technicians everything needed to fix a damaged metal line or connect a metal line to a hose for transmission and power steering service with no line removal needed, the company says. The series includes 16 repairs, with Smart Splice connectors for straight, 45-degree, and 90-degree line-to-line repairs, along with Smart Splice connectors for line-to-hose repairs. Smart Splice is OE-approved for line repair and is technician-friendly with no special tools or adhesives required. Smart Splice is burst tested to 2,600 psi to ensure durability in tough automotive applications.

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FOR REMOVING BROKEN OIL DIPSTICKS

The **ProMAXX Oil Tube Extractor** is designed to improve productivity and speed when removing broken oil dipsticks. The stainless-steel Oil Tube Extractor inserts into the damaged tube, and the aggressive thread bites into the steel tube, allowing it to remove the damaged piece from the top of the block without any further action, the company says. The tool is made in the U.S.A. and includes a limited lifetime warranty. The tool is available in two iterations: one for GM LS 4.8L, 5.3L, 5.7L, 6.0L, and 6.2L engines, and one for Ford 4.6L, 5.4L, 6.2L, and 6.8L engines.

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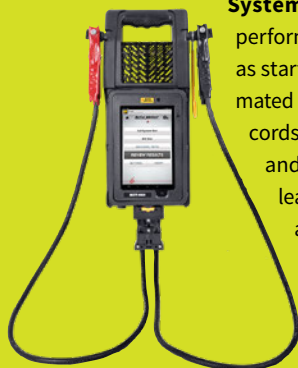
TEST BATTERIES AND STARTING AND CHARGING SYSTEMS

The **AutoMeter Heavy Duty Truck Electrical**

System Load Tester, No. BCT-460,

performs true load tests on batteries, as well as starting and charging systems. The BCT-460 performs automated load based voltage drop testing on cables, lift gate, 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. The load tester is Wi-Fi enabled for automatic real-time data collection and alerts. Intuitive user-guided step-by-step screens allow for fast and easy operation.

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AutoMeter Products
866-248-6356
autometer.com

UNDERHOOD/POWERTRAIN



PERFORMS VACUUM LEAK TESTS

The **K-Tool International 7-pc Airvac Coolant Refiller**, KT171041, is designed to perform vacuum leak tests on cooling systems. It refills cooling systems free of trapped air quickly and efficiently, as well as removes trapped air from cooling systems to eliminate the possibility of engine damage due to overheating. The muffler dampens noise output during operation. The Airvac Coolant Refiller is covered by a one-year warranty.

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AN 8-STEP CHARGER FOR 12V BATTERIES

CTEK's Multi US 25000 Battery Charger is an 8-step charger for 12V batteries requiring rapid charging, ranging from RVs, boats, trucks, cars, and professional garages. The Multi US 25000 features both power supply and unique reconditioning modes. Robust and approved for outdoor use, temperature sensors adapt to handle effective charging, no matter the climate for the most efficient charge, the company says.

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FEATURED PRODUCT

CTEK
MAXIMIZING BATTERY PERFORMANCE

CTEK Power
866-970-3462
smartercharger.com



REMOVES CARBON FROM HEV FUEL SYSTEM AND ENGINE

The **BG Hybrid Performance Service Kit** is designed to remove carbon from the HEV fuel system and engine. The service kit clears deposits from valves and combustion chambers, cleans oil deposits and micro passageways in today's gasoline engines, and improves spark plug life.

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PORTABLE, 9-LB COMPACT JUMP STARTER

The **Weego Crankenstein Jump Starting 12V/24V Power Pack** is a portable, compact jump starter for light and heavy duty equipment and vehicles. Crankenstein provides 1,200 cranking amps and 5,000 peak amps for 12V systems and 600 cranking amps and 5,000 peak amps for 24V systems. It is able to jump start 0V batteries safely and is IP65 rated for water, dust, and dirt resistance. The jump starter works in temperatures with an operating range of -28 to 140 degrees F. Crankenstein's battery is rated for up to 2,000 life cycles and will hold a single charge for over one year. It also has a 1,000 lm LED worklight and can be recharged on the go in six hours with the supplied USB-C DC charger or from a standard AC wall outlet.

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CRIMP AND RELEASE SPECIALIZED TERMINALS

The **S & G Tool Aid Corp. Master Terminals Service Kit**, No. 18700, is a complete 11-pc kit to crimp and release the most popular automotive specialized terminals found on cars, trucks, and other vehicles and equipment subject to excessive vibration, and wherever an environmentally sealed connection is used. The kit is for use on Deutsch open and closed barrel terminals, weather pack terminals, metri pack terminals, Molex terminals, and other open barrel terminals. The five Deutsch Release Tools have stainless steel shafts and knurled, aluminum color-coded handles for 6 to 22 gauge wire applications. All pieces are supplied in a durable, blow molded storage case with instructions.

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FEATURED PRODUCT



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TOOLS FOR THE PROFESSIONAL

S & G Tool Aid Corp.
973-824-7730
toolaid.com



FOR DETROIT DIESEL SERIES 60 ENGINES

The **OTC Cylinder Liner Installer**, No. 5874, is designed to install cylinder liners into the engine block. The 5874 attaches to Detroit Diesel Series 60 engines with three-cylinder head bolts, then the drive screw and plate force the cylinder liner into the correct position.

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ASSEMBLY REDUCES FRICTION TO ENSURE PROPER FIT

The **Cal-Van Ford EcoBoost Long Reach Balancer Installer**, No. 38710, is designed to install harmonic balancers of Ford EcoBoost and various other Ford/Lincoln engines from 2011 to 2018. The tool is ideal for hard-to-access areas, especially on FWD vehicles. The tool is easy to use and reduces friction, ensuring proper fit during installation. A spacer is included to fit into pulleys and limit interference. The tool can be used on 2.7L, 3.0L, 3.3L, and 5.0L engines in Ford/Lincoln cars, trucks, and SUVs.

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Cal-Van TOOLS

Cal-Van Tools
800-537-1077
cal-vantools.com

INCLUDES THREE EXTRA LONG 10" MAGNETIC SOCKETS

The **CTA 5-pc Spark Plug Socket Set**, No. 5061, is a comprehensive kit that includes three extra long 10" magnetic sockets. The sizes include: 5/8" by 12pt (6" OAL), 5/8" by 6pt (10" OAL), 9/16" by 6pt (10" OAL), 14mm by 6pt (10" OAL), and 14mm by 6pt (2.5" OAL). The socket set comes packaged in a blow molded case for easy storage.

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FEATURES AN ADJUSTABLE TRIGGER MODE

The **Mac Tools Digital Multimeter**, No. EM721, is designed to offer accurate automotive electronics tests and advanced measurements with DC/AC volts, DC/AC amps, and resistance. The handheld, battery-operated multimeter also provides accurate frequency and pulse measurements, with 20,000 count on the high resolution 4,000 count display. It performs diode and continuity tests, has an advanced measure for sensor and actuators, and a temperature measurement up to 2,498 degrees F for catalytic converters, fan switches, and more. The multimeter features an adjustable trigger mode, analog bar graph, USB communication, and a backlit display.

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ES

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FEATURED PRODUCT

DESIGNED TO CHARGE ALL BATTERY TYPES

Associated Equipment's Intellamatic

Smart Battery Charger and Analyzer, No. IBC6008,

is designed to charge all battery types including adjustable charging amperage and voltage with patented diagnostics that detect weak or defective batteries, plus an adjustable reflash power mode for extended diagnostics. The easy-to-read backlit interface guides technicians through a variety of charging parameters for varying battery types. The partial charge mode allows for quick testing and battery charging to 75-80 percent, greatly speeding up the charging process for busy shops.

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ASSOCIATED

Associated Equipment

314-385-5178

associatedequip.com



HAS A MEASURING RANGE FROM 100 TO 2,000CCA

The **Battery Analyzer**, No. CT210, from **Carnage Tools** utilizes conductance testing technology for the testing of most battery types and starting systems. The CT210 has a measuring range from 100 to 2,000CCA. Its LCD screen displays battery voltage, CCAs, internal resistance, and state of health (SOH). According to the company, the CT210 also includes automatic starter and charging system tests, which allow quick and accurate testing of a vehicle's electrical system. Results can be reviewed on screen or downloaded to a computer. The CT210 combines professional testing capabilities at an affordable price, the company says.

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KEEPS VEHICLE BATTERIES RUNNING SAFELY

The **Snap-on 5-pc Battery Service Kit**, No. 2005BSKA, includes everything the technician needs to keep vehicle batteries running safely and smoothly, the company says. The kit includes an angle nose pliers, side battery terminal cleaner, cable clamp pliers, cable clamp puller, and battery terminal cleaner, all in a classic Snap-on red durable kit bag.

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FEATURES MULTIPLE 12/24V CHARGING RATES

The **Clore Automotive CHARGE IT! Battery Charger**, No. 4745, offers fast, beneficial battery charging and boosting in an economical, space-saving design. It features multiple 12/24V charging rates for versatility (with a 24V 20A maximum rate). It also delivers 230A engine starting assistance to overcome depleted batteries. Its slimline design offers easy mobility and convenient storage in crowded shops, while its digital display control panel enables easy monitoring of service progress.

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UNDER VEHICLE, SUSPENSION & BRAKES

REDUCES ISSUES CAUSED BY A KINKED BRAKE LINE

The **Mueller-Kueps Brake Line Straightener**, No. 462 040, is designed to allow the user to straighten a brake line with 16 ball-bearing precision rolls, after it has been rolled off a coil. It provides the user with a straight line to place onto the car and will reduce the issues caused by a kinked brake line. Easy and quick to use, simply slide the tool onto the brake line far enough to have a handhold, then move the tool along the line. If kinked, simply move the tool up and down the line a couple of times to remove all kinks.

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CREATES SINGLE OR DOUBLE FLARES ON 3/16" AND 1/4" TUBING

The **Lisle Brake Flaring Tool Kit**, No. 33260, features a low profile design that allows the two popular tubing sizes to be flared in tight spaces. The tool creates single or double flares on 3/16" and 1/4" tubing. The vise assembly holds tubing centered securely without marring. Depth stop ensures proper tubing length. Holes in the vise allow the user to see the tubing is properly located. An internal deburring tool is included to help make ideal flares.

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INCLUDES ALUMINUM ADAPTERS

The **Thexton Master Cylinder Brake Bleeder and Plug Kit**, No. 849, includes long-lasting aluminum adapters for SAE and metric fittings. Bleeder adapters fit most makes and models to remove air from the master cylinder. The kit also includes the new Ford F-150's adapters. The plugs enable the technician to isolate the master cylinder from other brake components. The plugs also test whether the internal seals are leaking or in good condition. The kit includes bleeder and plug adapters for the following: SAE: two 3/8-24, two 7/16-24, two 9/16-18, two 9/16-20, and two 1/2-20. Metric: four M10x1.0, four M10x1.25, a M10x1.5, two M11x1.5, two M12x1.0, two M12x1.5, two M13x1.5, and two M14x1.5. Also included are four check valve assemblies, four bleeder hoses, and a tubing holder.

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DESIGNED TO SAVE TECHNICIANS TIME

The **Bartec Tech400Pro TPMS Tool and Rite-Sensor** bundle features the company's Rite-Sync process that combines the TPMS relearn step and the Rite-Sensor programming step into a single, easy, fast, and repeatable operation. This process is designed to save time for technicians when completing TPMS services. The Tech400Pro TPMS Tool is wireless and offers wireless charging, data transfer (Bluetooth), keyless entry testing, and wireless updating (Wi-Fi). Rite-Sensor is a programmable, single part, multi-frequency, replacement TPMS sensor. As a bundle, they offer the latest in TPMS service features and error-proof technology, the company says.

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FEATURES AN EXTRA SLIM UNIVERSAL DESIGN

The **CTA Brake Caliper File**, No. 5077, features an extra slim design to remove brake dust, rust, and dirt from the caliper. The file's tip can be used for scraping crude residue surfaces in and around the caliper components. The file width is 10mm and offers a universal design, but is especially helpful on Asian vehicles, the company says.

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UNDER VEHICLE, SUSPENSION & BRAKES



FEATURES A RANGE OF 30 TO 150 IN-LB

The **Steelman TPMS Service Tool Kit**, No. 96254, includes all of the essential tools required to properly service and maintain valve stem TPMS sensors. The 1/4" Drive Micro-Adjustable Torque Wrench features a range of 30 to 150 in-lb, and properly torques TPMS hex nuts to ensure a proper seal and fit of TPMS sensors. The pre-selected torque setting ensures users don't over or under-tighten hex nuts to get a proper seal and fit of TPMS sensors. With the Valve Core Torque Tool, the user can safely remove and install TR C1 valve cores into all TTV and TPMS tire valves to meet manufacturers' requirements for proper torque specifications of 4 in-lb. The kit also comes with three deep chrome sockets that are commonly used on sensor-retaining nuts.

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REMOVES PRECISELY AND INSTALLS IN MINUTES

The **Tiger Tool Bearing Race Starter Kit** is a patent-pending design where bearing races can be removed precisely and installed in minutes on aluminum and steel hubs. The split ring is forced to expand over the wedge, increasing the diameter of the ring until it clamps onto the bearing race, easily pulling it free. A shop press is applied to the adapter kit assembly to remove and install a variety of bearing races. The Bearing Race Starter Kit provides a safer alternative to welding, hammering, and punching methods, the company says.

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ONE-WAY CHECK VALVE PREVENTS SPILLAGE

The **Lang Tools Brake Line Wrench Set**, No. 5455, is a 2-pc brake bleeder set that includes a 1/4" by 3/8" and an 8mm by 10mm ratcheting wrench for use on most common brake systems. The ratchet allows for continuous loosening and tightening without having to remove from bleeder. The set also includes an 18" silicone hose in which the inserts will withstand brake fluids. It features a one-way check valve to prevent spillage.

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FOR HEAVY DUTY VEHICLE BRAKE ASSEMBLIES

The **ARI-Hetra Brake Maintenance Hub and Caliper Removal System** includes the Wheel Hub Removal Jack (No. WS-18-HR) and Brake Caliper Jack (No. WS-18-BC) to allow users to quickly and safely service heavy duty vehicle brake assemblies. These tools help avoid damage to hub seals and components, make the removal of the hub and caliper safer and easier, fit into tight spaces, and are easy to move around the garage. The Wheel Hub Removal Jack features 1,100 lbs of lifting power and 6" heavy duty wheels. When used with the Wheel Hub Removal Jack, the Brake Caliper Jack assists in removing and replacing hubs and brake calipers, locks the caliper in place in any axis when pulling, and is quickly dismantled for storage.

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CAN BE USED ON DIFFERENT STYLES OF INNER TIE RODS

The **Cal-Van Tools Heavy Duty Tie Rod Wrench**, No. 947, is designed for large inner tie rod tubes, ranging between 25mm to 55mm. It can be used on different styles of inner tie rods including hex, round with flats, and round with no flats. In addition, it has fixed position outer rings and is coated in a black oxide finish for strength and durability. It has a patented force multiplying cam design to reduce slippage and is backed by a limited lifetime warranty.

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