

MUSCLE TOOLS

Electronic Diagnostics | Special Tools | Shop Equipment | A/C Tools

Q3 2018 Edition

OTC ROBINAIR actron BOSCH

Buy an OTC Encore or Evolve scan tool and receive an OTC-branded YETI® cooler

Buy 3893 Encore, receive a YETI Roadie® 20 cooler

Buy 3896 Evolve, receive a YETI Tundra® 35 cooler



YETI is a trademark of YETI Coolers, LLC. This Promotion is in no way sponsored, endorsed or administered by, or associated with YETI Coolers, LLC.

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PROMOTIONS

All promotions valid Q3 2018, unless otherwise stated. For promotion details and to redeem, visit Boschrebates.com. Dated proof of purchase and/or serial numbers required when registering for rebate. Must redeem within 30 days of promotion end date.

Buy an eligible A/C cart, redeem for free Vehicle A/C Refrigerant Capacities Database

Eligible A/C models:

- ▶ 34288NI, 34788NI, 34788NI-H, 34988NI, free 34412-C Database
- ▶ AC1234-4, free 34413-A Database



Purchase must be made between September 1, 2018 – December 31, 2018

See page 15

Buy Bosch ESI[truck] HD diagnostics solution tool, 3824, receive a free extra year of software



See page 2

Purchase a new OTC 3893 Encore scan tool, receive a free Bosch 18V 1/4 In. Hex Impact Driver with two 18V Lithium-Ion FatPack Batteries



See page 4

Extended through Q3

Bosch ESI[truck] heavy-duty diagnostics



The ESI[truck] platform features software package options for vehicles technicians see every day. The 3823 and 3824 software packages include all makes/ models HD coverage, datastream and component actuations. Choose the 3824 package for even more – system info, technical info, parameter configurations, change calibrations, wiring diagrams, injector coding and service schedules.

3823 ESI[Truck] Pro level software

For professional techs looking to do DPF regeneration, component actuation, special tests and automatic module identification for Class 6-8 trucks.

Best aftermarket coverage

- ▶ Truck brands: Freightliner, International, Kenworth, Mack, Volvo, Peterbilt, Sterling, Western Star and more.
- ▶ Engine brands: Caterpillar, Detroit Diesel-MBE, Volvo, Mack, Navistar, PACCAR, Perkins, Deutz, MTU and more
- ▶ Brake systems
- ▶ Transmissions
- ▶ Trailer ABS
- ▶ In-depth heavy-duty, medium-duty
- ▶ Light-duty basic

Functions and efficiency technicians need

- ▶ Fault code report for entire truck
- ▶ Automatic vehicle ID
- ▶ Read & clear fault codes
- ▶ Cylinder cut-out
- ▶ Injector actuations
- ▶ Key component actuations
- ▶ Bluetooth wireless to VCI
- ▶ Comparable to industry software including most OEM's

3824 ESI[Truck] Expert level software

For expert techs wanting all the functions of 3823 plus system info, technical info, parameter configurations, change calibrations, wiring diagrams, injector coding and service schedules.

All the ESI[truck] Pro features plus expert-level diagnostics:

- ▶ Vehicle parameter modifications (Injector Codes, Max Speed, VGT, etc.)
- ▶ System tests (some automated)
- ▶ Leakage tests
- ▶ Injector coding and trim files
- ▶ Optional Repair Information, includes:
 - System Wiring Diagrams
 - Component Locations
 - Component Specifications
 - Installation Specifications
 - System Operating Specifications

Learn more or request a demo at boschdiagnostics.com/pro.

ESI[truck] Software Packages features	Professional Packages		Expert Packages	
	3823BSC	3823	3824BSC	3824
10" tablet PC included	N/A	✓	N/A	✓
RP1210 communication interface	✓	✓	✓	✓
Create and print reports*	✓	✓	✓	✓
DPF regeneration and maintenance resets	✓	✓	✓	✓
Component actuations	✓	✓	✓	✓
Actuation tests	✓	✓	✓	✓
Data stream tables and graphing	✓	✓	✓	✓
Read and clear trouble codes	✓	✓	✓	✓
System tests (some automated)	N/A	N/A	✓	✓
Leakage tests	N/A	N/A	✓	✓
Injector coding and trim files	N/A	N/A	✓	✓
Calibrations (including VGT)	N/A	N/A	✓	✓
Adjustments and settings	N/A	N/A	✓	✓
Wiring diagrams	N/A	N/A	✓	✓
Technical data	N/A	N/A	✓	✓
One-year warranty	✓	✓	✓	✓
3824-08R troubleshooting and repair subscription for faster diagnosis of engine, brake, transmission, ABS coverage & more	N/A	N/A	Optional	Optional

***HD Diagnostics coverage:** Freightliner, International, Kenworth, Mack, Volvo, Peterbilt, Sterling, Westernstar, MD Trucks, Isuzu, GM and Ford.

***Engine coverage:** Caterpillar, Cummins, Detroit Diesel-MBE, Deutz, MTU, Navistar, PACCAR, Perkins and Volvo, and includes medium- and light-duty software.



1699200244

Bosch HPT 500 High Pressure Leak Tester

Test heavy-duty exhaust systems safely and efficiently in 15 minutes or less

Troublesome **intake and exhaust leaks** are commonly diagnosed with **outdated and inefficient equipment and methods**. These methods are time consuming, dirty, and frequently result in replacement of the wrong components. Low pressure testers, soapy water, and supersonic listening devices can cause revenue generating trucks to spend **unnecessary days in the repair facility, out of service**.

Bosch is addressing these problems with a **new, cost-effective, and safe alternative** that will change standard practices for heavy-duty preventive maintenance and repair. The **HPT 500** uses regular compressed air to reach and maintain a variable pressure of 2 to 20 psi throughout the vehicle's intake and exhaust system. Compressed air mixed with a **visual vapor is forced into the system**, simulating the load of a running engine: both naturally aspirated and forced induction (turbo and supercharged). **Many upstream leaks will only appear under these boosted pressures**. The dense, **highly visible vapor** flows throughout the truck's hoses, tubes and related components and **escapes anywhere there is a leak**.

Learn more at boschdiagnostics.com/pro

The cost-effective, safe alternative for heavy-duty preventive maintenance and repair



Saves
43-120 Min.
per vehicle



Average return on investment in just
4.63 Weeks



Decrease
fuel consumption



Decrease
downtime



Decrease
diagnostic time



Increase
safety



Increase
uptime

Bosch BAT 135 Battery tester with integrated printer

Features:

- ▶ Tests 6V, 12V batteries and 12V, 24V charging systems
- ▶ Test battery capacities from 40-2,000 CCA
- ▶ Test all automotive, light-duty and commercial batteries including:
 - AGM
 - Gel Cell
 - Flooded lead-acid
 - Start/Stop EFB
 - Commercial, SLI
- ▶ Presents State of Health and State of Charge percentage
- ▶ Integrated printer to capture test results and customer records
- ▶ Detachable test clamps for service and replacement
- ▶ Full charging system test with diode/ripple test
- ▶ Micro-load testing for proven, accurate results
- ▶ 1-year warranty



1699200244



HDS 250 Heavy-Duty Scan Tool for Class 4-8 Vehicles

Ideal for heavy-duty shops as a second diagnostic tool and mobile repair trucks. Cost-effective solution for aftermarket shops in need of heavy-duty coverage

1699200240

HDS 250 Features

- ▶ Brilliant Color Display
- ▶ Rugged enclosure for durability
- ▶ Class 4 – Class 8 truck coverage featuring “Automatic Protocol Search”
- ▶ HD J1587 / J1708 and J1939 CAN, Engine, Transmission/ABS coverage and more
- ▶ Global OBD II Quick Test
- ▶ Works on 24V system
- ▶ Gasoline and diesel engine coverage
- ▶ Read and clear diagnostic trouble codes
- ▶ Live vehicle data includes
 - Engine speed
 - Engine ECU temperature
 - Percent acceleration pedal position
 - Engine intercooler temperature
 - Engine coolant temperature
 - Battery voltage
 - Alternator voltage output
 - Ambient air temperature
 - Air inlet temperature
- ▶ On-screen definitions of diagnostic trouble codes



HDS 250 Includes

HD Scan tool, 9 Pin Deutsch Cable, 6 Pin Deutsch Cable, 16 Pin HD/OBD II Cable, USB Cable, Quick Start Guide, Carrying Case and 1-Year Warranty.





3893 ENCORE

Fastest from code-to-fix

- ▶ OE-level Domestic / Asian / European Coverage
- ▶ 30 million on-tool fixes, maintenance tests and symptom assist
- ▶ Direct link to Identifix® and other repair forums
- ▶ Industry-leading light-duty diesel coverage
- ▶ 7" touch screen

Lifetime hardware warranty*
Made in USA with globally sourced components



3896 EVOLVE

All features of the OTC Encore plus

- ▶ *The industry's best and only tool with full-system wiring diagrams*
- ▶ Wireless, J2534 compliant VCI
- ▶ Dual-band Wi-Fi for secure connections to shop WiFi and wireless VCI
- ▶ Front and rear-facing camera
- ▶ 10.4" hi-res touch screen

Lifetime hardware warranty*
Made in USA with globally sourced components

boschdiagnostics.com/pro

*Lifetime warranty applies only to tool hardware as long as owner maintains an active diagnostics subscription. Details at otctools.com.

OTC 3914 BATTERY & STARTING/CHARGING SYSTEMS TESTER



- Test automotive batteries and create health reports
- Works on 6V and 12V automotive batteries - Regular Flooded, Enhanced Flooded, AGM, EV and Start-Stop.
- 12V/24V charging/starting systems tests
- Test charging and starting system health to diagnose charging issues
- Email test results (Stores 2,000 test records)
- Test batteries with as little as 1.5V
- 3 LED indicators (Blue: Connected, Green: Power, Red: Trouble)
- 20-inch cable with durable clamps
- Works with Encore or Evolve software version 2.10 and newer
 - 2.10 software includes a new battery and system test app
 - Communicates wirelessly to Encore & Evolve via Bluetooth



✓ Works with Encore or Evolve software version 2.10 and newer

TRIAGE TOOLS WITH CODECONNECT®

READ CODES AND FIND THE FIX WITH OTC

Triage scan tools range from simple code readers to advanced diagnostic tools featuring live engine data, CodeConnect®, ABS and Airbag coverage. All scan tools will work with vehicles 1996 and newer, OBD II and CAN, with optional coverage for pre-1996 vehicles available.



3208

OBD II & ABS Scan Tool



3209

OBD II ABS & Airbag Scan Tool



3210

CodeConnect® with ABS & Airbag



3211

OBD I & II Scan Tool

Product Comparison	3208	3209	3210	3211
OBD II & CAN compatible	•	•	•	•
(All 1996 and newer vehicles)	•	•	•	•
On-screen codes, definitions and emissions status	•	•	•	•
Erases codes and turns off the Check Engine Light	•	•	•	•
Live data and freeze frame data	•	•	•	•
ABS/Airbag (Most 1996-2013 GM, Ford, Chrysler, Honda, Hyundai, Nissan & Toyota)	ABS only	•	•	•
Manufacturer enhanced definitions	•	•	•	•
AutoID™ identifies vehicle being scanned	•	•	•	•
Color screen	•	•	•	•
Graphing live data		•	Dual PID	Dual PID
Internet updateable		•	•	•
Multilingual menu & code definitions		•	•	•
Record and play back data		•	•	•
Battery / alternator / charging system monitor		•	•	•
OBD II Modes 1-A are supported including Mode 6 data		•	•	•
CodeConnect® over 26 million fixes			•	•
OBD II Ford on-demand tests			•	•
Oil light & battery reset			•	•
Expanded European engine, ABS and Airbag trouble code coverage			•	•
ABS live data and sensor reading			•	•
Steering and brake service resets			•	•
OBD I coverage (1984 – 1995 GM & Ford, 1989 – 1995 Chrysler & Toyota)				•



3838

Standalone TPMS tool with Bluetooth OBD II

The OTC 3838 is both a sensor activation and diagnostic device that features a wireless OBD II module for TPMS sensor registration. The tool works with all OEM and aftermarket sensors.

- Exclusive wireless OBD-II module for TPMS sensor registration.
- Standalone TPMS tool with activation, relearn & diagnostic capabilities.
- Three years of software updates included.
- Allows for cloning of universal sensors.
- Key fob signal test and infrared print capabilities.



3415

CAN Test Box Breakout Box for Scan Tools

- Connects to Diagnostic Link Connector (DLC).
- Connect leads for increased diagnosis, analysis, and monitoring.
- LEDs display signal detection – Flashing LED's
- Magnifies DLC
- Displays battery voltage with warning

SUBSCRIPTION SOFTWARE

Domestic, Asian and European Software 1-year subscription kit provides a year of frequent and valuable updates for new coverage, coverage enhancements, repair information, application improvements and includes the Diagnostics for Life® lifetime hardware warranty. Diagnostics for Life® lifetime hardware warranty means OTC supports your Encore/Evolve for as long as you own it, as long as you update it! The "hardware warranty" applies to the Encore scan tool tablet only. Accessories, such as cables, adapters, batteries and case remain the 90 Day factory warranty from purchase.

3893-LTW

Encore 1-year subscription and Lifetime hardware warranty



3896-LTW

Evolve 1-year subscription and Lifetime hardware warranty



Evolve update includes full access to the Evolve's exclusive full-system wiring diagrams for vehicles 1985 and newer.



3167

Battery & Electrical System Diagnostic Tester

- Digital circuitry precisely controls battery test loads to accurately determine battery conditions.
- Tests both flooded lead acid and AGM/gel cell batteries accurately—down to 1 volt state of charge.
- Tests vehicle starting and charging systems with minimal user interaction.
- Tests all 6- & 12-volt batteries with a 50-2000 CCA operating range.
- Scales: CCA, CA, AHR, MCA, JIS, DIN.
- Removable/auto-sensing leads. (3' leads included in kits, optional 10' leads available.)
- Optional amp clamps for current drain tests and starting/charging measurements.
- Includes SABRE HP, 3' test leads, side-post terminal adapters, instruction manual, and molded-plastic carrying case.

3834T

OTC TPR Activation Tool VEHICLE COVERAGE THROUGH 2017

- New lower cost kit for use with Encore, Evolve, Genisys Touch scan tool or as a stand-alone tool.
- Works on vehicle TPMS sensors through 2017.
- Bright graphic display and simple navigation buttons enable vehicle selection for fast activation.
- Automatically adjusts activation output power to eliminate cross activation of near sensors.
- Tool includes a 6 month update subscription from www.tpmsupdates.com



Pliers & Cutters



4512

Snap Ring Pliers Set – Internal/External

- For internal or external snap rings; thumbscrew permits quick conversion.
- Made of heavy-gauge tempered steel.
- Includes two stainless steel handled picks.
- Contained in a blow-molded plastic storage case.



4513

Heavy-Duty Snap Ring Pliers Set (2 piece)

- Heat treated steel "circlip" pliers for large equipment repair.
- Replaceable tips and spring ratchet locking mechanism to securely hold against snap ring tension.
- Internal pliers' capacity 3-1/16" to 6-1/4" (78 mm to 159 mm) snap rings.
- External pliers' capacity 3-1/2" to 6-1/2" (89 mm to 165 mm) snap rings.
- Blow-molded storage case includes extra sets of replaceable tips.
- Overall length 16"; handle length 12-1/2".



4514

Mini Snap Ring Pliers Set (4 piece)

- Service S-ring and R-ring clips, internal or external, straight or angled. Ruggedly built of heat-treated chrome molybdenum steel.
- Set includes two internal snap ring pliers (one straight, one 45°) and two external snap ring pliers (one straight, one 45°).
- All pliers have .038" (1.0mm) diameter tips.
- Overall length 3"; handle length 2".

5900A-PLUS

Master Torx Bit Socket Set plus special 24mm External Torx® PLUS Socket

Updated 53-piece Master Torx Bit Socket Set plus special 24mm External Torx PLUS Socket required for Ford Super Duty pick-up beds starting model year 2017. Socket kit includes various sizes of Torx, Torx PLUS, Tamper Resistant Torx, Bit Sockets and External Torx Sockets in 1/4", 3/8" and 1/2" square drive. Convenient hard plastic clamshell case for protection and organization. Not rated for use with impact tools.



NEW

✓ 5932-24 FREE WHEN PURCHASING 5900A-PLUS

6792

Transmission Fluid Refill with Adapters

- Connect to shop air supply to extract or dispense fluids
- Automatic pressure relief for safe operation
- Switch between Dispensing and Extraction by simple turn of valve
- Easy "Push On" quick connects, and Trigger lock for continuous flow
- Includes universal flexible nozzle
- Includes the 6792-EDB Extraction Dispenser Bottle and 6792-TFA Transmission Fluid Adapter (14 piece "OE style" ATF adapters)



NEW

4513

Heavy-Duty Snap Ring Pliers Set (2 piece)

- Heat treated steel "circlip" pliers for large equipment repair.
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- Blow-molded storage case includes extra sets of replaceable tips.
- Overall length 16"; handle length 12-1/2".

NEW



NEW



6792-EDB

Extraction Dispenser Bottle

- Connect to shop air supply to extract or dispense fluids
- Automatic pressure relief for safe operation
- Switch between Dispensing and Extraction by simple turn of valve
- Easy "Push On" quick connects, and Trigger lock for continuous flow
- Includes universal flexible nozzle

6792-TFA

Transmission Fluid Adapters

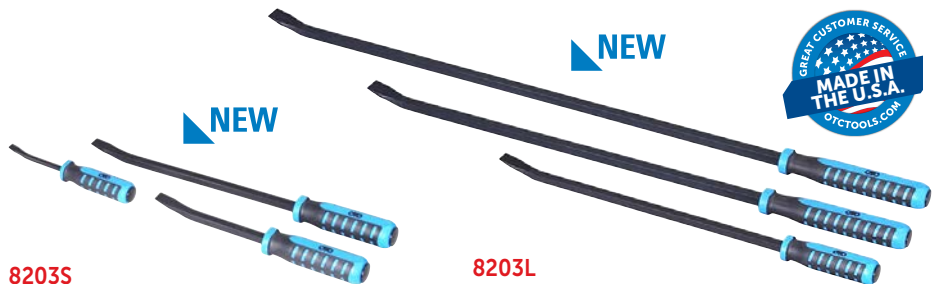
- 14 piece "OE style" ATF adapters
- Vehicle application reference included
- Convenient storage case

4514

Mini Snap Ring Pliers Set (4 piece)

- Service S-ring and R-ring clips, internal or external, straight or angled. Ruggedly built of heat-treated chrome molybdenum steel.
- Set includes two internal snap ring pliers (one straight, one 45°) and two external snap ring pliers (one straight, one 45°).
- All pliers have .038" (1.0mm) diameter tips.
- Overall length 3"; handle length 2".

NEW



8203S

Handled Pry Bars (3 PC)

- Includes 8", 12", and 18" lengths
- Dual durometer handle for great ergonomics
- Striking cap - contacts bar - protecting handle

8203L

Handled Pry Bars (3 PC)

- Includes 24", 36", and 48" lengths
- Dual durometer handle for great ergonomics
- Striking cap - contacts bar - protecting handle
- Made in USA

Specialty Pullers



Gear and Pulley Pullers

These tools are perfect for removing timing gears, fan pulleys, harmonic balancers, and many other parts having tapped holes.

- Each puller will spread from 1-1/2" to 4-1/4". The puller blocks are 4-7/8" wide, tapped 5/8" - 18 UNF.
- Includes two hex head cap screws, 3/8"-16 x 3" long.

7392 Puller with 13" long screw

7393 Puller with 5-1/2" long screw



522

Large Gear and Pulley Puller

Using this tool, you can easily remove a wide range of gears, pulleys, or other parts that have tapped holes.

- The spread is 2" to 7-3/4". Its block is 8-1/4" wide, and its forcing screw is 3/4"-16 x 11-5/8" long.
- Accommodates any cap screws up to 1/2" diameter.



518

Flange-type Puller

- Pulls harmonic balancers, timing gears, and other parts having two or three tapped holes.
- Slotted holes in puller body permit cap screws to be positioned to handle bolt circle diameters from 1-1/2" to 4-5/8"
- Three each of two cap screw sizes included: 3/8"-24 x 3" long and 3/8"-16 x 3" long.



6930

Flange-Type Puller Combination

Heavy-duty flange puller features a live center forcing screw. Includes two live center forcing screw tips and two sets of commonly used automotive bolts. Puller will work on bolt circles from 1-1/2" to 4-1/4". Three cap screws, 3/8"-24 x 3" long, and three cap screws, 3/8"-16 x 3" long.



525

Flange-Type Puller Combination

Two specialty pullers in one box. You get a flange-type puller for removal of harmonic balancers, timing gears, and other parts with two or three tapped holes. You also get a steering wheel, pulley, and flywheel puller. 525 includes: flange-type puller and steering wheel puller with four sets of cap screws. 3/8"-16 UNF x 3.5". 3/8"-24 UNF x 3.0". 5/16"-18 UNF x 3.5". 5/16"-24 UNF x 3.5".

7319

Pilot Bearing Puller

Designed to pull flywheel pilot bearings in close quarters where a slide hammer cannot be used. Operates on many models with engine in chassis.

- Capacity: 7/8" to 2". I.D. reach: 1".



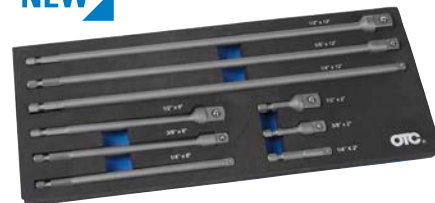
4421

Pilot Bearing Puller Attachment

- Removes pilot bearings, thrust washers, and smaller bearings hidden in a shaft or housing.
- Jaws require a minimum of 5/8" opening and can range up to a max of 1-1/2" diameter.
- Min/Max reach is 1/8" to 1".
- Works with both 5/8"-18 as well as M18-1.5 threaded hammer shanks.



NEW



5943

9-Piece Power Driver Socket Extensions

The new 5943, 9 piece Power Driver Socket Extension set from OTC adds versatility to your existing power tools and socket sets. Each extension uses a 1/4" hex shank for adjustable or locking chuck drills with 1/4", 3/8" or 1/2" square drive on the other end for sockets. 3 square drive sizes - 1/4", 3/8" and 1/2" and 3 lengths for each - 2" 6" and 12". Use your sockets with cordless power tools for short, medium and long reach applications. The 5943 is a great choice for running up multiple bolts like oil and transmission pans or rear ends instead of ratcheting each one by hand. Save time for proper torquing instead of hand turning bolts. Limited lifetime warranty.



6981

Blind Hole Puller Set

Pilot bearings and pilot bushings are one of the most critical components in a transmission clutch system. Damage, wear, or contamination can result in binding on the input gear and may be revealed as the clutch drag symptoms or even a growling sound when clutch pedal is fully released. Address these problems with the 6981 blind hole puller set from OTC.

- Innovative Design covers I.D. from 5/16" to 1-1/4" (Patent Applied for).
- 5 - collet-actuator combinations cover 5/16" to 1-14" I.D.
- Use collets with Pulling Bridge or as Slide Hammer Attachment.
- Easy to read component application chart and instructions.
- Conveniently laid out in rugged blow mold storage case.
- Forged and machined in Owatonna Minnesota, U.S.A.



NEW

1630 OTC 2-DRAWER SERVICE CART

The OTC 1630 2-Drawer Service Cart allows you to take assorted tools or tool kits right to the vehicle for handy access. The cart features 5" oversized casters (2-locking; 2-non-locking), an ergonomic grip handle, screw driver storage, locking top and gas shocks to support the lid. The cart has a 500-pound load capacity and stands 39.5" tall, 33.25" wide and 20" deep. The bottom tray is perfect for bulkier storage items, like rags, cleaners and solvents. The top bin is 5" tall and houses the drawer locking mechanism. The first drawer is 3.25" tall and the second drawer is 4.25" tall, both with a generous 20" depth. Safely store diagnostic hardware, cameras and expensive tools securely and within arms reach. The 1630 2-Drawer Service Cart from OTC will help keep your work area organized and save you trips running back and forth to your main tool cabinet. Lifetime Warranty.



4680 Wiper Puller

The 4680 Wiper Puller from OTC has a unique design where jaws are forged with radius to hug the center screw for minimal spread, and for accessing recessed components. The radius also ensures optimal contact with object being pulled. It comes with 2 pair of legs - 9/16" width and 1" width - for many types of small component applications. The leg shoulders fit easily over the hex bar and can be snugged into position with a simple turn of a wing nut. Where there is minimal clearance, or deeply recessed access, the 4680 is a great tool choice to overcome these obstacles. Spread: 1" to 2-1/2"; Reach: 2-1/2". Lifetime Warranty.



4676 Windshield Wiper Puller

Removes wiper arms on many foreign and domestic cars and light trucks. Will not damage wiper arm or hood cowl during removal. Simply place puller feet under wiper arm and tighten forcing screw against wiper shaft.

OIL DRAIN PLUGS



5911A Drain Plug Pro™

- Remove oil drain plug without touching the plug or hot oil.
- No touching hot plug.
- No hot oil on hands.
- No dropping of plug in hot oil.
- No oil soaked gloves.
- Just magnetically attach DRAIN PLUG PRO to pre-loosened drain plug and rotate to remove plug.



Strong magnetic end

1. Loosen drain plug with wrench.
2. Place DRAIN PLUG PRO on plug so that the tool locks on the plug hex.
3. Rotate handle to remove plug.
4. Pull plug away from oil stream.
5. Magnetic DRAIN PLUG PRO retains plug.

5961 Drain Plug PRO Kit

The original innovation meets customer feedback for the broadest application possible! The 5961 Drain Plug PRO kit from OTC utilizes:

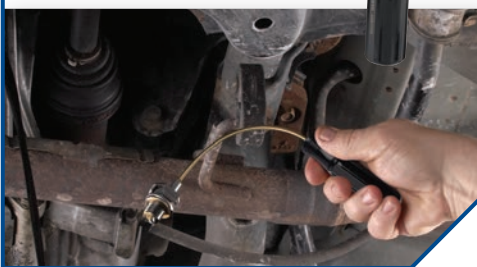
- 1/4" square drive.
- Mounted on a flexible cable.
- Standard drain plug attachment.
- Low profile drain plug attachment.
- 17mm hex attachment for internally driven drain plugs.
- 5/16" bit driver attachment.
- All are conveniently stored in socket rail fashion.

Protect your hands and arms from hot oil in any application! Save time by preventing a dropped or lost drain plug. Never fish a dropped drain plug from a pan full of hot oil again! And, you can use the 1/4" square drive with any 1/4" drive socket you already own, to start bolts in hard to reach locations. The handy 5/16" bit driver lets you start screws in hard to reach places as well.



5961HD Heavy-Duty Drain Plug Pro™

- For Agricultural, Commercial, and Heavy-Duty Vehicle Applications
- Remove fluid drain plugs with out touching the plug or hot fluids!
- No touching hot plugs.
- No hot fluids on hands.
- Removable attachment permits use with common 3/8" square drive sockets. Great for starting bolts in hard-to-reach places.
- Attach to pre-loosened drain plugs and rotate to remove.
- Magnetic attachment for internal 1/2" square drive drain plugs.
- Magnetic attachment for large drain plugs.



2352 Lever Action Bucket Pump

- Fits 5 gallon pails.
- Includes 12" drum cover.
- 3 position handle for different fluid viscosity.
- Steel discharge spout.
- Includes 5' hose.
- Up to 4.6 oz. / stroke.
- For use with transmission fluid, gear oil and other heavier oils.



2359 Suction Oil Gun

- For use with gear oils to get them both into/out of gear boxes, transfer cases and differentials.
- 16 oz capacity and 14" hose.



2357 Brass Transfer Pump

- Drain oil from crankcase or transmissions through dipstick tube - from underhood - not undercar.
- Pumps 3.2 oz per stroke.

2421 Safety air blow gun, snub nose rubber tip

- Impact and Weather resistant Nylon Body.
- Safety Venting in all tips.
- Corrosion Resistant Stainless Steel Nozzles.
- Drop Resistant Construction.
- Soft Rubber Grip and ergonomic design for convenience and comfort in extended use.
- Brass threaded air inlet.
- Variable speed trigger for control of amount of air dispensed.
- Conforms to OSHA STD 1910-95 (b) for max noise level when used with 90 PSI air pressure.
- Conforms to OSHA STD 1-13.1 for safety and are classified as safety Blow Guns.





6713

Seal Protector

Protects the transfer case Intermediate Drive Shaft (IDS) seal from the splines of the IDS during shaft removal or installation. Similar to DT-50937.

Applications: 2013-Later Chevrolet Trax, Buick Encore.



6714

Input Shaft Seal Installer

Two-function seal installer. One end installs the input shaft seal into the main housing to the proper depth. The opposing end of the installer installs the side extension housing seal to the proper depth. Similar to DT-50840 and J-8092.

Applications: 2013-Later Chevrolet Trax and Buick Encore.



6715

Torque Converter Seal Installer

Installs torque converter seals without damage in 1990 - 2011 GM 4T60 and 4T60E automatic transmissions found on most GM front wheel drive vehicles. Similar to J-28540-A.

Applications: 1990-2011 GM 4T60 and 4T60E automatic transmissions used on most General Motors front wheel drive vehicles, including from Buick, Chevrolet, Pontiac, Cadillac, Oldsmobile.



6716

Shift Rail Seal Installer

Installs the shift seal on the Tremec TR 3160 manual transmission to the proper depth to ensure optimal seal life. Includes a removable pilot to allow for use both on-vehicle and during unit repair, with the shift shaft in place or removed. Similar to DT-51077.

Applications: 2013 and later Cadillac ATS manual transmission, 2016 and later Chevrolet Camaro, 2016 and later Ford Mustang Shelby GT350



6702

Transmission Adapter Plate Bushing Replacer

Replaces the mount bushing on the transmission adapter plate. Adapter has a window for verifying the bushing position during installation, and is deep enough for bushing removal. Similar to DT-50839 & CH-50342.

Applications: 2013-Later Chevrolet Trax, Buick Encore



5089

Air Brake Line Release Tools

Tools used to separate connectors on the P/S system and EGR coolers without damage. Also works on connectors on other liquid and air lines. Each tool has two sizes, 3/8" and 5/8"; 1/2" and 3/4". Similar to J-45666 & J-42971.

Applications: 2003-later Medium Duty trucks.



6723

Inner Pinion Bearing Race Installer

Installs inner pinion bearing race to desired position on 1998 - 2006 Chevrolet Suburban and Tahoe. Similar to J-45870 & J-8092.



6724

Trans Mainshaft Bearing and Gear Installer

Designed for use on 2014 and later Chevrolet Corvette 7-speed manual transmission. Kit contains tools to install mainshaft cone bearing, mainshaft rear support roller bearing inner race, countershaft rear bearing cone, and 3rd, 4th, 5th, 6th, 7th, and Reverse gears. Includes a tube installer with a supplied threaded rod assembly, a double end threaded adapter, and tube adapters. These tools prevent damage to components and are necessary as the transmission assembly cannot be mounted in a press or hammered into place. Similar to DT-51076 and DT-51076-10.

NEW GM TOOLS



6644

Door Handle Spring Retainer

This tool allows for door handle replacement without having to remove the interior door panel on 2014 and later Cadillac ATS and Escalade, Chevrolet Colorado, Impala, Silverado, Suburban and Tahoe models. The tool installs into the door handle cavity and under the handle return spring to prevent it from unloading. Similar to BO-51363.



6677

Timing Chain Retainer

The tools retain the timing chain and lower sprocket positions while servicing the upper sprockets, camshafts, valve springs, or valve seals on 2011 and later 2.0L and 2.4L Ecotec engines. The tool has two toothed feet that engage the chain and hold it against the guides to retain tension as the tensioner and upper guide bolt are removed. Also used for cylinder head replacement. Similar to EN-48749.



6556

Fuel Sender Lock Ring Wrench

Designed for removing the newly-designed 4-1/2" fuel sender lock ring on 2003 - 2011 Cadillac CTS, SRX and STS models. The lock ring requires high torque to loosen and tighten, requiring a specialized tool for service. Standard 3/8" square center drive hole for balance and maximum force available to remove and tighten. Similar to J-45747.



6743

Pump Seal Installer Set

A set of adapters for 2014 and later GM 6T30, 6T40, 6T45 and 6T50 6-speed transmissions found in Chevrolet and Buick FWD and AWD vehicles. The adapter set protects, installs and sizes the torque converter fluid seal ring into the stator support during unit overhaul. Includes a seal protector, seal installer and a seal sizer to ensure the seal is properly sized and positioned. Similar to DT-51191.



7248
**U-Joint Removal/
Installing Tool**

This helpful tool uses a forcing-screw press to safely remove and replace automotive universal joints with needle bearings, including GM plastic pin CV U-joints.



6648
**Ford Transit Connect Van Ball
Joint Adapter Set**

This 4-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on Ford Transit Connect Vans. Set contains adapter part numbers 580517, 580526, 581646, and 581647 for use on 2010-2013 Ford Transit Connect Vans.



6652
Subaru Ball Joint Adapter Set

This 3-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on select Subaru vehicles. Set contains adapter part numbers 581996, 581995 and 581994 for use on:
2005-2006 Baja
2016-2017 Crosstrek
1998-Present Forester
1993-Present Impreza
1990-Present Legacy
2000-Present Outback
2015-Present WRX
2014-2015 XV
2013-2015 XV Crosstrek
2006-2007 B9 Tribeca
2008-2014 Tribeca



6530
**Ball Joint Intermediate
Service Kit**

- This 20+ adapter kit covers many Truck/Van/SUV applications and some car applications.
- With the majority of Cars and Truck/Van/SUV applications having press-in ball joints and universal joints, this kit is designed to service many of those applications.
- This kit is a combination of 7249, 7918, and 7996 kits, and includes 20+ adapters, C-Frame, Ball Joint Application Guide, and carrying case.



6646
**Lexus/Hyundai/Kia Ball Joint
Adapter Set**

This 4-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on Lexus, Hyundai and Kia vehicles. Set contains adapter part numbers 554413, 580570, 581426 and 38355A for use on:

Lexus	Hyundai
2006 GS300	2006-2011 Azera
2007-2011 GS350	2006-2010 Sonata
2006-2015 IS250	Kia
2016-2017 IS300	2007-2009 Amanti
2011-2017 IS350	



6649
**Chevy/GMC
Ball Joint Adapter Set**

This unique 3-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on Chevy and GMC vehicles. Set contains adapter p/n's 580524, 305227 and 580523 for use on 2011-2017 2500HD and 3500HD: Chevrolet Suburban
Chevrolet Avalanche
Chevrolet Silverado
GMC Sierra
GMC Yukon XL



6653
**Acura/Honda
Ball Joint Adapter Set**

This 4-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on select Acura and Honda vehicles. Set contains adapter part numbers 580518, 554419, 554414 and 313967 for use on:
2009-2014 Acura TL and TSX
2008-2012 Honda Accord
2010-2011 Honda Accord Crosstour
2012-2014 Honda Crosstour



7249
Ball Joint Service Kit

- Removes and installs press-fit parts such as ball joints, universal joints, and truck brake anchor pins.
- Contains: 3 receiver tubes (2-3/4" I.D. x 3" O.D., 2-1/4" I.D. x 2-1/2" O.D., and 1-3/4" I.D. x 2" O.D.)
- Installation and removing adapters: 1 installing cup, 1 receiving cup, 1 installing adapter.



6647
**Lexus/Toyota Ball
Joint Adapter Set**

This 4-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on select Lexus and Toyota vehicles. Set contains adapter part numbers 222307, 305227, 204508A and 580569 for use on:

Lexus - 2003-2009 GX470
Toyota - 2003-2017 4Runner, 2007-2014 FJ Cruiser



6651
**Mazda CX7 & CX9 Ball Joint
Adapter Set**

This 4-adapter set is used in conjunction with the 7248 C-frame to remove and install ball joints on Mazda CX7 and CX9 vehicles. Set contains adapter part numbers 580585, 554413, 531739 and 554414 for use on 2007-2012 CX7 and 2007-2014 CX9.



6529MAN-17
Ball Joint Application Guide

The Ball Joint Application Guide is a manual that is used in conjunction with OTC ball joint adapters and "C" frame. The manual provides a Year-Make-Model lookup to determine which ball joint adapters are to be used with the "C" frame to remove and install ball joints. The manual includes a lookup chart that provides removal and installation adapter part numbers and an application diagram section with visual examples of how the tools are oriented for removal and installation.

5693
Dual/Single Wheel Separator

Quickly separate rusted, frozen or seized outside dual wheels or single wheels from the wheel hub. The unique outer drive hook has an offset handle to easily align the tool on the rim to break wheels loose, with a flat side to eliminate turning during use. Outer drive hook has two grooves for 16" - 17" wheels and 19.5" to 24.5" wheels. Force is applied directly to the wheel rim and not the wheel lip, preventing damage and bending of the wheel.

Includes four adapters to fit most wheel shapes and sizes: Dual wheel outer, long cupped dual wheel inner, short cupped single wheel and flat.



BALL JOINT KITS



6559

Ball Joint Master Service Kit.

The 6559 Ball Joint Master Service Kit offers complete coverage of Car and Truck/Van/SUV applications. With 70+ adapters, c-frame and application guide means there is nothing else to add for servicing ball joints.

- The majority of vehicles have press-in ball joints, so stop searching for make-shift solutions for servicing these vehicles – everything required is laid out in this one complete kit.
- With a kit of this magnitude, finding the correct adapters and using them correctly is key to minimizing service time. That is exactly what the included ball joint application guide is designed to do – contains application charts and diagrams with step-by-step instructions.



6529

Car Ball Joint Master Service Kit.

- This 50+ adapter kit is the most complete Car ball joint service kit available, and the first of its kind on the market.
- With 70% of OEM's having cars with press-in ball joints, this kit is designed to service those applications.
- This kit is a subset of the 6559 and includes 50+ adapters, C-Frame, Ball Joint Application Guide, and Location Card all provided in 2 cases.



6539

Truck Ball Joint Master Service Kit.

- This 55+ adapter kit is the most complete Truck/Van/SUV ball joint service kit available.
- With the majority of Truck/Van/SUV applications having press-in ball joints and universal joints, this kit is designed to service those applications. (note; covers same applications as the 8031 Chrysler/Jeep Truck/Van/Suv Ball Joint Kit without requiring larger C-Frame).
- This kit is a subset of the 6559 and includes 55+ adapters, C-Frame, Ball Joint Application Guide, and Location Card all provided in 2 cases.



5726

Bead Breaking Tool

Designed to break down motorcycle, ATV and small garden tractor tires. The two-tool set includes a locking plier and pry tool to quickly and easily break the bead. The locking plier clamps to the wheel rim by forcing the wedged jaw into the tire bead. The pry tool incorporates a second wedge and a loop that quickly hooks to the locking plier wedge jaw. The pry tool is then pushed down, breaking the tire bead.



5730

Motorcycle Bead Holding Pliers

Specialty locking pliers designed to hold the tire bead either up or down when mounting or demounting a tire. Clamp the non-marring pliers onto the wheel rim and use tire spoons to mount or demount the tire. The pliers eliminate the need to leave a tire spoon in position to hold the tire bead.

STRUT TAMER II EXTREME



Strut assembly not included

- ✓ MEETS THE NEW ASME PASE SAFETY STANDARDS FOR SPRING COMPRESSION
- ✓ CAPABLE OF SAFELY COMPRESSING THE LARGEST STRUT SPRINGS

- New forged locking jaws includes larger pads and offset to clamp onto and compress springs even tighter than before.
- New extra thick 5/8" compression arms for superior strength, stability and safety.
- New locking trunions for optimal stability during spring compression.
- New Lock rings to hold arms in position – standard. Eliminates arms from spreading or sliding when compressing offset or unique strut configurations. No tools needed to adjust.
- New Spring capacity of 2-1/2" – 10" diameter, 1-1/4" – 24" vertical stroke.
- Extreme duty design to handle the heavier springs found on mid- and some full-size truck strut assemblies.

6637

StrutTamer II Extreme
Height 29" (736 mm)
Width 21" (533 mm)
Depth 20" (508 mm)

6637-ST

StrutTamer II Extreme with stand
Height 54" (1372 mm)
(36" without handle)
Width 22-1/2" (572 mm)
Depth 32" (813 mm)



7503HD

Tie Rod/Ball Joint Puller

- A heavy-duty version of the original 7503 puller, fitting all the same applications but twice the load capacity.
- Uses a large 3/4" drive screw with interchangeable tips included for multiple applications.



1825 17-1/2 Ton Capacity Heavy-Duty "Open Throat" Press

- Ram head moves side to side for off-center pressing; ram-to-work distance is adjusted by a forcing screw that is extended or retracted by a speed crank.
- "Open-throat" frame extensions make handling of bulky jobs possible outside of the press frame.
- This press does not have a lifting mechanism. If a lifting mechanism is needed, order 211407.
- Covered by OTC Lifetime Warranty®.
- Has No. 201832 hydraulic ram with 2" stroke, No. 4002 hydraulic hand pump, No. 9650 gauge, No. 9767 hose, adjusting screw, speed crank, ram cap, and pump mounting bracket.



1826 25-Ton Capacity Heavy-Duty "Open Throat" Press

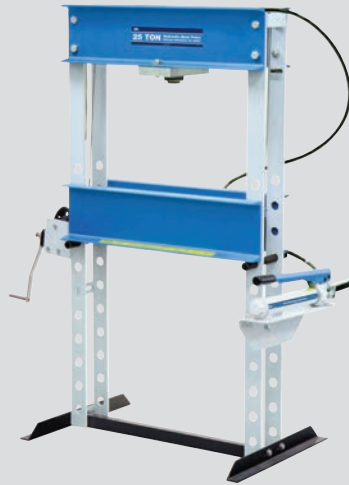
- "Open throat" feature enables ram to be positioned outside of press frame for fast axle bearing removal and installation, as well as other tasks. Rugged press is covered by OTC Lifetime Warranty®.
- Press bed is raised or lowered with a hand crank, and a spring-return hydraulic ram is laterally adjustable for off-center work at full capacity.

1826

25-ton press. Includes No. 4016 hydraulic hand pump; No. 52025 hydraulic ram with 14" stroke; No. 9652 gauge; No. 303563 hose (3/8" ID x 8'); and pump mounting bracket.

1826A

25-ton press. Includes No. 4020 air/hydraulic pump; equipped the same as 1826.



25-Ton Capacity Shop Presses

- Tough, economical press is ideal for pressing rear axle bearings, piston pins, and much more.
- Large 30" x 46" work area under ram makes positioning of even bulky work easy. Press bed is easily raised and lowered by a dependable lifting mechanism. Choice of model with hand- or air-driven hydraulic pump.

1833

25-ton press, complete with No. 4002 hydraulic hand pump; No. 9652 gauge; No. 24815 tee; No. 9767 hose (1/4" ID x 6'); hydraulic ram No. 51426 with 6-1/4" stroke; and 42733-WH2 pump mounting bracket.

1834

25-ton press, complete with air-driven No. 4020 hydraulic pump; No. 9652 gauge; No. 24815 tee; No. 9768 hose (1/4" ID x 8') and hydraulic ram with 6-1/4" stroke.



55-Ton Capacity Economy Shop Presses

- Wide 10" throat opening between lower bolsters
- Durable steel frame resists buckling and bending. Covered by OTC Lifetime Warranty®.
- Hand-operated winch and cable mechanism adjusts lower press bolster.

1850

55-ton press. Includes No. 52457 hydraulic ram with 6-1/4" stroke; No. 4016 hydraulic hand pump; No. 9651 gauge; No. 9767 hose (1/4" ID x 6'); and pump mounting bracket.

1851

55-ton press. Includes No. 52457 hydraulic ram with 6-1/4" stroke; No. 4020 air/hydraulic pump; No. 9651 gauge; No. 9767 hose (1/4" ID x 6'); and pump mounting bracket.

NEW



OTC 5091 shown mounted on transmission jack (jack not included).

5091

HD Spindle Adapter

- Adapter for low lift transmission jacks that holds the spindle assembly firmly in place during king pin service.
- Eliminates the need to completely disassemble the brakes to reduce spindle weight for handling.
- Spindle assembly can be raised to a comfortable working height while replacing king pin bearings or bushings.
- Patented design will work with standard HD truck bolt patterns and wheel stud sizes.
- Adapts to most low lift transmission jacks.



1881

25-Ton Press Accessory Set

- Adapters and accessories attach to ram's forcing screw or are used on press bed to support work.

Set includes:

- Bearing pulling attachment
- Ram pushing adapter with 3/4" dia. shank
- Ram pushing adapter with 1" dia. shank
- V-pushing adapter
- 11-1/2" long V-blocks (pr.)
- Ram forcing cap
- Threaded adapter



1794A Air-Assisted 1,000 lb. Capacity High-Lift Transmission Jack

- Air-assist primary stage for rapidly raising the mounting head, activated by depressing foot pedal.
- Hydraulic secondary stage for precise operator control, activated by a hand pump to raise the load, and a release knob to lower the load.
- Big, easy-to-grip knobs that make mounting head adjustments simple, and a safety chain for securing the load.
- Wide leg base with 4" polyurethane swivel wheels that provide stability and easy maneuvering. (Brakes on two of the wheels.)
- Safety overload system to prevent jack from being used beyond its rated capacity.

Specifications:

Min. height is 37-5/8"
 Max. height is 76-1/2"
 Max. forward tilt – 42°
 Max. backward tilt – 46°
 Max. side tilt (either side) ± 12°
 Leg width – 37-1/8"

1793A 1,000 lb. Capacity High-Lift Transmission Jack

- Universal saddle tilts front to back and side to side; features adjustable corner brackets and safety chain for optimum positioning of the load.
- Flash-chromed rams inhibit rust from entering the hydraulic system.
- Foot-operated pump and lowering pedal for ease of control when positioning or removing a transmission.
- Wide leg base with 4" polyurethane swivel wheels that provide stability and easy maneuvering. (Brakes on two of the wheels.)
- Safety overload system to prevent jack from being used beyond its rated capacity.

Specifications:

Min. height is 35"
 Max. height is 71-5/8"
 Max. forward tilt – 24°
 Max. backward tilt – 19°
 Max. side tilt (either side) ± 20°
 Leg width – 37-1/8"



9850 Truck Wheel Bearing Locknut Sockets (6-pt.)

- Wheel bearing locknuts are easy to remove or install with these specially designed sockets. They're made of high-strength steel and resist rounding out.
- 21 wheel bearing locknut sockets (6 pt.) with tool board.
- Sockets are designed for use with 3/4" square-drive manual tools only. Impact tool use voids warranty.

No.	Description
1901	Locknut socket (2-3/32")
1902	Locknut socket (2-3/8")
1904	Locknut socket (2-9/16")
1906	Locknut socket (3")
1908	Locknut socket (3-1/4")
1910	Locknut socket (3-1/2")
1912	Locknut socket (3-7/8")
1914	Locknut socket (4")
1915	Locknut socket (4-1/8")
1916	Locknut socket (4-3/8")
1918	Locknut socket (4-7/8")
1920	Locknut socket (2-1/4")
1921	Locknut socket (2-1/2")
1922	Locknut socket (2-5/8")
1923	Locknut socket (2-3/4")
1926	Locknut socket (3-3/4")
1928	Locknut socket (2-9/16" rounded)
1932	Locknut socket (2-7/8")
1934	Locknut socket (3-1/8")
1936	Locknut socket (2-3/8" rounded)
1939	Locknut socket (5-1/4")



9851 Wheel Bearing Locknut Sockets (8-pt.)

- Wheel bearing locknuts are easy to remove or install with these specially designed sockets. They're made of high-strength steel and resist rounding out.
- 18 wheel bearing locknut sockets (8 pt.) with tool board.
- Sockets are designed for use with 3/4" square-drive manual tools only. Impact tool use voids warranty.

No.	Description
1903	Locknut socket (2-3/8")
1905	Locknut socket (2-9/16")
1907	Locknut socket (3")
1909	Locknut socket (3-1/4")
1911	Locknut socket (3-1/2")
1913	Locknut socket (3-7/8")
1917	Locknut socket (4-3/8")
1919	Locknut socket (4-7/8")
1924	Locknut socket (3-3/8")
1925	Locknut socket (3-3/4")
1927	Locknut socket (3-13/16")
1929	Locknut socket (2-5/8")
1930	Locknut socket (2-7/8")
1931	Locknut socket (3-5/8")
1933	Locknut socket (2-7/8")
1935	Locknut socket (3-1/8")
1937	Locknut socket (2-3/4")
1938	Locknut socket (4-1/2")



9852 Wheel Bearing Locknut Sockets (6-pt.) or (8-pt.)

- Wheel bearing locknuts are easy to remove or install with these specially designed sockets. They're made of high-strength steel and resist rounding out.
- 12 popular sizes in 6- or 8-point.
- Sockets are designed for use with 3/4" square-drive manual tools only. Impact tool use voids warranty.

No.	Description
1904	Locknut socket (2-9/16" hex)
1908	Locknut socket (3-1/4" hex)
1909	Locknut socket (3-1/4" 8 pt.)
1910	Locknut socket (3-1/2" hex)
1913	Locknut socket (3-7/8" 8 pt.)
1914	Locknut socket (4" hex)
1915	Locknut socket (4-1/8" hex)
1921	Locknut socket (2-1/2" hex)
1922	Locknut socket (2-5/8" hex)
1923	Locknut socket (2-3/4" hex)
1928	Locknut socket (2-9/16" hex rounded)
1932	Locknut socket (2-7/8" hex)

1870 Universal Transmission Adapter

Universal transmission adapter with independently adjustable and indexing locking arms that adapt to nearly any transmission shape. The adjustable mounting arms will fit most high-lift transmission jacks. Maximum capacity of 400 lbs. Meets or exceeds current ASME PASE standards for portable automotive service equipment.





REMOVE AND INSTALL SELECT HENDRICKSON HEAVY DUTY SUSPENSION BUSHINGS

4246

Hendrickson Rear Suspension Bushing Tool Kit

Replace rusted and frozen heavy-duty rear suspension bushings faster and easier

- Patent-pending design is suspension-mounted, eliminating the need to hold the tool during operation
- Remove/install Hendrickson PRIMAAX EX, COMFORT AIR, FCCC V Ride™ Pivot and D-Pin Bushings
- Save time and effort during suspension service to get trucks back on the road faster
- Included adapters align tool with the suspension to ensure proper bushing installation and reduce the chance of misalignment and bushing damage
- Includes an OTC 4106A 25-ton high-force cylinder



4246



4247

- Adds an OTC 2510A air/hydraulic pump to make bushing service faster and easier
- Includes everything in the 4246 kit



4247

4250

Hendrickson Adapter Kit for Front Suspensions

- Use with your 4246 or 4247 Rear Tool on select Hendrickson Front Suspensions
- Remove and install Hendrickson PACCAR Monoleaf, Navistar Monoleaf, Volvo Monoleaf suspension Pivot Bushings



4250

4274

Hendrickson Front Suspension Bushing Tool Kit

Replace rusted and frozen heavy-duty front suspension bushings faster and easier

- Patent-pending design is suspension-mounted, eliminating the need to hold the tool during operation
- Remove and install Hendrickson PACCAR Monoleaf, Navistar Monoleaf, Volvo Monoleaf suspension Pivot Bushings
- Save time and effort during suspension service to get trucks back on the road faster
- Included adapters align tool with the suspension to ensure proper bushing installation and reduce the chance of misalignment and bushing damage
- Includes an OTC 4106A 25-ton high-force cylinder



4274

4275

- Adds an OTC 2510A air/hydraulic pump to make bushing service faster and easier
- Includes everything in the 4274 kit



4275

4254

Hendrickson Adapter Kit for Rear Suspensions

- Use with your 4274 or 4275 Front Tool on select Hendrickson Rear Suspensions
- Remove and install Hendrickson PRIMAAX EX, COMFORT AIR, FCCC V Ride™ Pivot and D-Pin Bushings



4254

4263

Suspension Bushing Tool

- Suspension bushing tool used to remove and replace suspension bushings. The hydraulic cylinder and press plate assembly mounts to the suspension component or leaf spring for hands free operation and eliminates the need to hold heavy equipment. Used in conjunction with the bushing adapter sets designed to fit specific bushings and suspension components.
- 15 ton capacity

NEW



4263

4261

Hendrixson Front Suspension Bushing Tool

- Suspension bushing tool kit used to remove and replace the leaf spring bushings on Hendrickson Airtek NXT front suspensions found on Freightliner Cascadia vehicles. The hydraulic cylinder and press plate assembly mounts to the leaf spring for hands free operation and eliminates the need to hold heavy equipment. Press plates and bushing adapters are specifically designed to fit the front leaf spring and bushing.
- 15 ton capacity.



NEW

4261

4255

Hendrixson Airtek NXT Bushing Adapter Kit

- This adapter kit is used in conjunction with the 4263 Suspension Bushing Tool to remove and replace the leaf spring bushings on Hendrickson Airtek NXT front suspensions found on Freightliner Cascadia vehicles. Plate, adapters and cups make bearing removal and installation faster and easier than other methods.
- Plate, cup and adapters specially designed to fit Airtek NXT front suspension
- Included adapters and cups allow bushing to be pressed out and new bushing to be pressed in
- Adapters aid with installation to help ensure a straight, clean installation of vital suspension bushings



NEW

4255

5729

Inside Dual Wheel Bead Breaker

- Breaks the inner bead on the outside tire without removing the wheel from the truck.
- Unique design places pressure in the exact location required to quickly and easily break the inner bead.
- Simply pull up on the handle and the bead is forced off the wheel rim.



5727

Sliding Bead Breaker

- The 5727 Sliding Bead Breaker has a split head, unique wedge design and slide hammer to reduce bead friction. Foot loops and tipping slots provide leverage and ease of transferring force to the tire.
- Sliding Bead Breaker, 47" extends to 81", 21 lbs.



MADE IN USA* - LEAK DETECTORS FROM ROBINAIR
 MEETS SAE J2913 & SAE J2791 ASHRAE 173-2012, EN14624-2012 INDUSTRY STANDARDS
 * Made in USA with globally sourced components



LD3

- Loud audible alert
- Automatic calibration

LD3 Features

- Long life, stable sensor
- Automatic calibration and reset to ambient
- 3 adjustable sensitivity levels
- Low battery indicator
- True mechanical pump
- Uses 4 AA alkaline batteries, included
- Rubberized Santoprene handle grip

LD5

- Color display with graphics and visual alerts
- Bar graph mode helps locate leaks faster
- Loud audible alert
- LED inspection lights
- Automatic and manual calibration

LD5 Features

- Unique color graphic LCD display
- Long life, stable sensor
- Automatic calibration and reset to ambient
- User friendly message and error screens
- High-intensity LED inspection light
- 3 adjustable sensitivity levels
- Low battery indicator
- True mechanical pump
- Audio mute function
- Uses 4 AA alkaline batteries, included
- Rubberized Santoprene handle grip

UV Leak Detection Kit



16235

UV Leak Detection Kits

- The easiest and most accurate gun available today.
- No guesswork – a pre-measured application every time.
- One squeeze injects a pre-measured amount (1/8 oz.) of dye. No more adding too much dye.

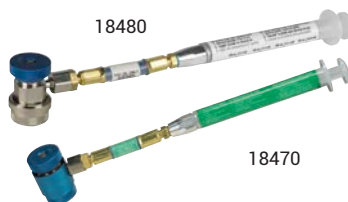
LD7

- Color display with graphics and visual alerts
- Bar and Pinpoint graphing modes help locate leaks faster
- Loud audible alert with mute option
- UV and Clear LED inspection lights
- Automatic and manual calibration

LD7 Features

- Patented 3 LED UV lights with 395-415 nm; wavelength is optimum for A/C dye fluorescence
- Unique color graphic LCD screen
- Long life, stable sensor lasts up to 10 years
- Sweep mode function to pinpoint leak source
- Automatic calibration and reset to ambient
- User friendly message and error screens
- High-intensity LED inspection light
- 3 adjustable sensitivity levels
- Low battery indicator
- True mechanical pump
- Audio mute function
- Uses 4 AA alkaline batteries, included
- Rubberized Santoprene handle grip

Syringe-type Injectors



Use these syringe-type injectors to add oil to a fully pressurized A/C system. Fill the barrel with the amount of oil needed, connect the injector, and press the plunger.

18480
R-134a oil injector, PAG labeled

18490
R-134a oil injector, POE labeled

18460
R1234yf oil injector, generic

18465
R1234yf oil injector, PAG labeled

18470
R1234yf oil injector, POE labeled

Not recommended for UV dye injection.

R-1234yf Recovery Leaders



Features	AC1234-4	AC1234-6
Fully automatic operation - program for service, walk away and return when complete	Y	Y
Integrated refrigerant identifier (meets SAE J2927)	Y	Y
Charge accuracy within +/- .5 oz	Y	Y
Automatic internal tank refill - no stopping to fill internal tank during or before service	Y	Y
Liquid refrigerant flush function - flush A/C system components using liquid refrigerant instead of harsh chemicals	Y	Y
98.5% recovery efficiency	Y	Y
Programmable vacuum operation - quickly achieves necessary vacuum level in any condition	Y	Y
Automatic oil drain - shows how much oil was removed from the system during service	Y	Y
Automatic air purge - removes potential of air accumulating in the internal tank	Y	Y
System leak test to identify gross leaks in a system	Y	Y
Color graphical display	4.3" 480x272 QVGA color LCD	5.7" 960x240 QVGA color LCD
On-board printer	Optional	(Y) for future use
Ethernet Network Port	-	(Y) for future use
USB 2.0 Port	-	(Y) for future use
Audio jack	-	Y
Standard SD Card slot	Y	Y
Meets / exceeds SAE J2843 requirement for R-1234yf recover, recycle and recharge equipment	Y	Y

New Vehicle Database Screens



34411-H
134a database



34412-C
134a database



34413-A
1234yf database

Vehicle Database Screens R-134a Vehicle A/C Refrigerant Database 2018

- Confirm A/C system charge capacities directly from your Robinair A/C RRR machine for R-134a and R-1234yf systems, sold separately.
- Includes charge amounts and component oil capacities for vehicle model years 1997-2018 using R-134a refrigerant and vehicle model years 2013-2018 using R-1234yf refrigerant 34413-A.
- Database helps ensure the vehicle system is charged with the correct amount of oil, per factory and OEM specification

34411-H – R-134a Vehicle A/C Refrigerant Database 2018. Compatible with legacy Robinair R-134a machines 34788, 34788-H, 34988.

34412-C – R-134a Vehicle A/C Refrigerant Database 2018. Compatible with new Robinair R-134a machines 34288NI, 34788NI, 34788NI-H, 34988NI.

R-1234yf Vehicle A/C Refrigerant Database 2018

34413-A – R-1234yf Vehicle A/C Refrigerant Database 2018. Compatible with new Robinair AC1234-4 R-1234yf recovery machine.



HD A/C Recovery and Multi-Refrigerant Recover, Recycle and Recharge Machines

34888HD

NEW

The Robinair 34888HD heavy-duty machine recovers, recycles, evacuates, leak-tests and recharges R-134a with 98.5% efficiency in both small and large mobile air conditioning systems.

- Large capacity, removable 50-lb. tank and liquid pump for larger A/C systems, typically found in buses
- Nitrogen port to dry and leak test A/C systems
- Fully automatic recovery, system evacuation, leak testing, refrigerant charge and oil drain/inject
- Optional printer for capturing and retaining vehicle service data



17800C

The 17800C recovers, recycles, evacuates and recharges, all in one fast and continuous operation through one hook-up. It's ideal for mass transit vehicles, buses, refrigerated trailers or containers and other applications that use refrigerants not typically found in mobile applications.

- Automatically controls machine functions, leading the user through operations and also notifying when it's time to change the filter drier, and vacuum pump oil
- Automatically adjusts from liquid to vapor for fast and efficient recovery.
- Electronic scale makes it simple to recharge to factory specifications; also weighs recovered refrigerant and provides tank overflow protection.
- 5 cfm vacuum pump is large enough to thoroughly evacuate almost any system; making it ready for recharging.
- Manual air purge function to remove any non-condensable contaminants.
- Vacuum leak test function allows user to monitor the system for vacuum decay to determine if a leak exists in the A/C system.
- Automatic oil drain allows the user to see amount of oil removed from the system being serviced.
- Heavy-duty filter can handle up to 300 lbs. of refrigerant, effectively removing moisture and acid from the refrigerant.
- Easy to view 4.3" color graphical display.
- Maintenance counters to monitor cumulative amounts of refrigerant recovered and charged, as well as other machine operation variables.
- Optional printer can be added to expand capabilities and provide printed record of service performed.
- Compatible with R12, R22, R134A, R401A, R401B, R402A, R402B, R404A, R407A, R407B, R407C, R410A, R500, R502, and R507 refrigerants.



NEW

Prices limited to supplies on hand. Not responsible for errors in description or pricing. / 18-36 Q3 2018 edition, Printed in U.S.A.

41234

R1234yf Aluminum Manifolds and Hose Set

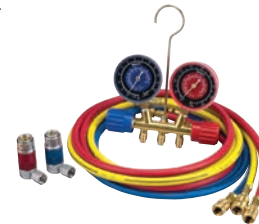
- Easy-to-read 3-1/8" adjustable gauges.
- Durable aluminum manifold block with fittings.
- Improved face seal valves provide a tight seal, less wear and improved flow.
- Easy-to-grip control knobs.



2-Way Brass Manifold

45111

- R134a Manifold Hose Kit
- 90° manual couplers
- 72" R134a hose set



TIF-9010A

Slimline Programmable Scale

- Completely portable refrigerant scale, battery powered, can be used with all refrigerants.
- Extreme accuracy.
- 110 lb./50 kg capacity.



Robinair Vacuum Pumps

VacuMaster® Single Stage Vacuum Pumps

15115

1.5 CFM Vacuum Pump

15310

3 CFM Vacuum Pump

15510

5 CFM Vacuum Pump



VacuMaster® 2-Stage Vacuum Pumps

15150

1.5 CFM Vacuum Pump

15300

3 CFM Vacuum Pump

15500

5 CFM Vacuum Pump



CoolTech® Vacuum Pumps

15434

4 CFM Vacuum Pump

15600

6 CFM Vacuum Pump

