

MUSCLE TOOLS

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

Q2 2016 Edition



Want to see your car on the cover of Muscle Tools this year?
Send us a photo and information at otctools.com/musclecar

Featured in this issue:

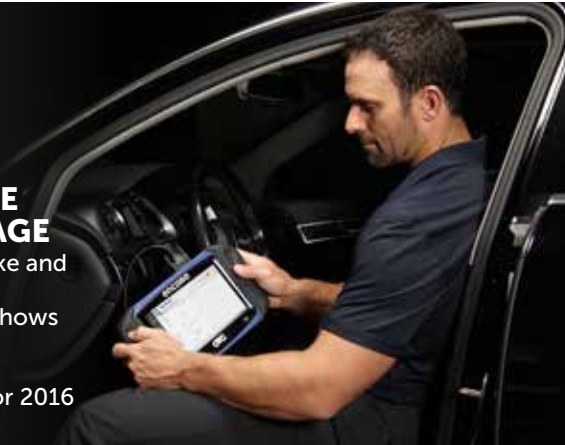
- Ryan Bayer: 1970 Pontiac GTO
- Ryan's favorite road to drive it on: Minnesota Highway 61
- Ryan's favorite memory with the car: bringing home my children in it after they were born and using it in our wedding.
- The song Ryan is listening to when he drives it: Exhaust, can't hear the radio (factory AM)
- Repairs/services performed on the car: Moser 9" autogear, muncie supercase m22 4 spd., 462cu.in. 500 hp H.O., rear sway bar, Spohn adjustable 4 link, programmable 6al ignition. will run 11.80 @115mph in the quarter.



ENCORE

NEW TESTS AND UNBEATABLE LIGHT-DUTY DIESEL COVERAGE

- Industry-leading Duramax, Powerstroke and Cummins coverage
- New Ford power balance test clearly shows cylinder output power
- Expanded 16-PID data stream
- Updated Identifix repair information for 2016



PROMOTIONS

OTCTOOLS.COM/PROMOTIONS
BOSCHWHEELSERVICE.COM/PROMOTIONS

\$200 REBATE ON GENISYS TOUCH*

VALID JAN. 1 – JUNE 30, 2016



3895 GENISYS TOUCH DELUXE KIT

THE LATEST UPDATES INCLUDE

- 2015 USA Domestic / Asian / European vehicle coverage with multiple releases through the year.
- Frequent updates to the largest experienced based solutions available, already with more than 30 million specific fixes.
- Performance improvements, user interface, repair information and product enhancements included.
- Battery Disconnect Procedures, Key fob and Remote Reprogramming.

GENISYS TOUCH REBATE

Receive a \$200 rebate when you purchase a Genisys Touch between January 1 through June 30, 2016.

HOW TO PARTICIPATE/REDEEM

Visit boschrebates.com

*Terms and conditions apply



Heavy-Duty Wheel Service Rebates, see page 7.



DIAGNOSTICS FOR YOUR FRIENDS

\$100 FOR YOU*

VALID OCT. 1 – JUNE 30, 2016



- ✓ LIFETIME WARRANTY*
- ✓ FASTEST TO FIX
- ✓ EXPANDED COVERAGE

*Terms and conditions apply

3893 ENCORE KIT



REFER ENCORE TO A FRIEND AND RECEIVE \$100

To say thank you for being an Encore owner, we're offering you \$100 for every friend you refer to us who purchases an Encore.

HOW TO GET STARTED

1. Tell your friend to go to otctools.com/refer-a-friend
2. Register at bosch-rebates.com/refer-a-friend with your Encore serial number
3. Enter your friend's contact info and, once purchased, new Encore serial number
4. Once we confirm the sale and referral, we'll send you \$100. Allow 4 – 6 weeks for delivery

There is no limit to the number of friends you can refer!

SMART BATTERY TESTER

RECEIVE A 3112 BATTERY RESET TOOL WITH PURCHASE OF AN OTC 3200*

VALID JAN. 1 – JUNE 30, 2016



OTC 3200 SMART BATTERY TESTER

Check battery voltage and CCA in less than 10 seconds. Test starting and charging systems in less than a minute.

HOW TO PARTICIPATE/REDEEM

Visit boschrebates.com

*Terms and conditions apply

\$75 REBATE

WITH THE PURCHASE OF 5077A OR 5097 TRANSFER TANKER

VALID APRIL 1 – DEC. 31, 2016



*Terms and conditions apply

TRANSFER TANKERS

Draining oil from a large displacement engine and getting it to your bulk storage container is a snap with OTC's Transfer Tankers.

5077A – Low profile Transfer Tanker is only 7-1/2" from floor to top of reservoir. Comes equipped with an electric pump (No. 528093).

5097 – Low profile Transfer Tanker is only 7-1/2" from floor to top of reservoir. Comes equipped with a pneumatic pump (No. 529966).



HOW TO PARTICIPATE/REDEEM

Visit boschrebates.com

REPLACE YOUR EXISTING TIRE PRESSURE MONITORING SYSTEM TOOL

WITH THE OTC3838 AND RECEIVE A \$100 REBATE*

VALID JAN. 1 – JUNE 30, 2016



*Terms and conditions apply

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.

HOW TO PARTICIPATE/REDEEM

Visit boschrebates.com

4 PIECE ROLLING HEAD PRYBAR SET

INCLUDES A FREE PAIR OF OTC SMARTTECH WORK GLOVES (L)

4 PC ROLLING HEAD PRYBAR SET FROM OTC

7176

Includes 6", 12", 16" and 21" lengths for a variety of duties - small - large and in between. Heated to cherry red, upset, then forged and swaged processing creates the tool, then our special thermal treating process locks in the strength you count on. Won't bend or break.



Unmatched 98.5% recovery

Robinair introduces its next innovation, the 34788NI and 34788NI-H, featuring an industry-leading 98.5% recovery efficiency for standard and hybrid vehicles and fully automatic function.



34788NI

Premier R-134A Refrigerant Recovery, Recycling, and Recharging Machine

- Fully-Automatic Function: Program to recover, vacuum, leak test and charge without operating panel valves.
- Automatic Oil Drain: A display reminds you to empty the graduated container to show the amount of oil to replace.
- Oil Inject: Automatically inject oil back into the vehicle's A/C systems.
- Refrigerant & Oil Database: A/C system capacities for North American market vehicles
- Automatic Refrigerant Refill: Maintains a user-selectable amount of refrigerant in an internal vessel and signals when it's time to change supply tank, no monitoring required.
- Optional Printer.

34788NI-H

Electric Vehicle: Capable of servicing high voltage electric compressor A/C systems.

AC1234-6

1234YF A/C Service

- Fully automatic operation — program for service, walk away and return when complete.
- 95% recovery efficiency
- Programmable vacuum operation helps get to the necessary vacuum level in any condition quickly.
- System leak test to identify gross leaks in a system.
- Charge accuracy within +/- 1/2 oz.
- Automatic oil drain shows how much oil was removed from the system during service.
- Automatic air purge removes the potential of air accumulating in the internal tank.
- Integrated refrigerant identifier (meets SAE J2927)
- Liquid refrigerant flushing function can flush A/C systems or individual components using liquid refrigerant instead of harsh chemicals.
- Automatic internal tank refill. No stopping to fill the internal tank during service, or before service.
- 1/4 Color VGA display. Large easy to read graphical display
- On-board printer capable of printing vehicle service report slips to present to customers.



TIF-7610

IR Thermometer PRO

- SoC (System-on-a-Chip) Technology - Complete IR design incorporated on a single chip, creating compact and lightweight design.
- Innovative optical lens - high accuracy measurements over wide temperature ranges. 10:1 distance to spot (D:S) ratios available.
- Laser pointer -Simply point at desired target and press the trigger for temperature reading.
- High/low pass filters with audible alarms for out of range measurements.
- Temperature modes - Maximum (MAX).



22791

InfraRed Refrigerant Leak Detector

- Advanced infrared sensor designed to last a minimum of 10 years.
- Three sensitivity levels down to 0.15 oz./year.
- Automatically recalibrates in highly contaminated areas to help pinpoint the exact location of the leak
- Won't trigger on oil or moisture.



TIF-9010A

Slimline Programmable Scale

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



Syringe-Type Injectors

Use these syringe-type injectors to add oil to a fully pressurized A/C system. Just 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

18470 – R1234YF oil injector, POE labeled

Not recommended for UV dye injection.

34988

A/C Recover, Recycle, Recharge Machine

- Recovers, recycles, evacuates, leak tests, & recharges R-134a quickly & accurately.
- Fully-Automatic Function: Program to recover, vacuum, leak test and charge without operating panel valves.
- Automatic Dye Inject: Gives the user the ability to use the machine to inject UV dye into a vehicle's A/C system.
- Automatic Oil measure & Inject: The machine automatically determines how much lubrication oil needs to be injected back into the A/C system based on how much oil was taken out during recovery.
- Optional Refrigerant & Oil Database: Includes A/C Charge and Oil Capacities for North American market vehicles.
- A/C system flush: Flushes a vehicle's A/C system with refrigerant eliminating a residual oil or other liquid.



34288

A/C Recover, Recycle, Recharge Machine

- The 34288 combines simple operation with superior accuracy. It recovers, recycles, evacuates, and recharges R-134A quickly and accurately.
- Meets SAE J-2788 standards recovering 95% refrigerant and charging to +/- 1/2 oz.
- Automatic Oil Drain: A display reminds you to empty the graduated container to show the amount of oil to replace.
- Automatic Air Purge: Eliminates damaging air without monitoring gauges or opening valves.
- Displays refrigerant use and monitors remaining filter life. Prompts appear when 1/3 of filter life remains.



Multi-Purpose and Coolant Fluorescent Dye

MULTI-PURPOSE (engine oil, transmission) 16244, 16245

COOLANT 16885, 16890



16244
6 applications

16885
6 applications

16890
32 applications

16245
32 applications



16234

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-measure amount (1/8 oz.) of dye. No more adding too much dye.



18410

Hydraulic Flaring Kit

- Fabricates a variety of fuel, brake and A/C line flares.
- Push connect 1/4, 5/16 and 3/8".
- GM fuel line, brake line and transmission 5/16 and 3/8".
- Flare and double flare.
- Metric bubble flare.
- Comes in a custom blow molded case.

92500

Transmission Fluid Exchanger

You can have the vehicle in and out of the service bay in less than 20 minutes! Operate through dipstick only, c



92001

Automatic Transmission Fluid Diagnostic Pads

Easy, quick way to test automatic transmission fluid to determine when service is necessary. Simply place a few drops of transmission fluid from transmission dipstick onto test pad. Pad will change color indicating condition of transmission fluid. Package contains 100 pads.



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.



16009

DiscovR Refrigerant Identifier

- Fast and Accurate. "Pass" and "Fail" lights clearly show if refrigerant is pure enough to be recovered.

Product Specifications:

Refrigerant: R134a
Input Power: 12 VDC
Accuracy: Pass/Fail - 95% pure R134a
Air Detection: Yes
Approvals: SAE J1771, UL/C



TIF-ZX

Heated Pentode® Refrigerant Detector

- Heated Pentode® sensor technology
- Tri-color visual leak size indicator
- Detects all CFC, HFC, HCFC's including R-12, R-22, R-123, R-134a, R-404a, R-407a, R-408a, and R-410a.



Robinair Manifolds



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



44150

Dual R12/134a Kit



45111

R134a Manifold Hose Kit

2-Way Aluminum Manifold



48510

R134A

- 90° Manual couplers
- 72" R134a Hose Set (1/2" ACME x 14mm)



47150

R12/134A

- 90° Manual couplers
- 72" R134a Hose Set (1/2" ACME x 14mm)
- 72" R12 Hose Set (1/2" ACME x 1/4" MFL)

Economy Manifolds



48134A

R134 brass manifold, hose set and service couplers



49134A

R134 aluminum manifold, hose set and service couplers

Refrigerant Tanks

17121

30 lb. tank, 1/4" fittings (25150, 25175, 25200B, 34234, 34300-2K, 34800 series).

17506

50 lb. tank, 1/4" fittings (17800A, 17800-2K, 17700A, 25150, 25175, 25200B series).



17121

17506

Fastest code-to-fix® with a lifetime warranty

Includes one year of coverage and special tests updates

The OTC Encore features enhanced diagnostic coverage and a lifetime hardware warranty. The mobile, Android-based system is easy to use, intuitive and fast.

No tool helps you fix faster than OTC Encore

- Quarterly software updates include new vehicle coverage, special tests, confirmed fixes and more.
- First OTC tool with Bosch coverage database for European vehicles, including Mercedes-Benz, BMW and Volvo
- AutoID most CAN vehicles in less than 5 seconds
- Read and clear codes in seconds
- Access top reported code fixes in seconds
- Extended-hours tech service days, nights and Saturdays. Call 888-789-2602.

30 Years of Unmatched OE Coverage

Encore alerts technicians to on-tool or web-based repair information including Identifix® Direct-Hit™. Full scan functionality, including OEM Domestic, Asian and European, bi-directional controls and enhanced data Perform a Google search right within a diagnostic session.

3893
Encore, OBD II cable, USB cable, power adapter, and hard carrying case.

3893-LTW
Encore 1-Year Subscription & Lifetime Hardware Warranty
Encore 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.

Diagnosics for Life* lifetime hardware warranty means OTC supports your Encore 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.



Check out the Encore TPMS sensor registration process here.



3893



3893-LTW

3895

Genisys Touch

- Includes a ruggedized 10" high resolution display tablet, J2534-1 / -2 compliant Vehicle Communications Interface (VCI), 10 OEM adapters, OBD II cable, USB cable, 12V power cable, AC power supply and custom carrying case.
- AutoDetect™ Genisys Touch software automatically detects and alerts the technician of on-tool or web-based repair information.
- Embedded Training Videos.
- Videos within live diagnostic sessions don't interrupt workflow connectivity.
- Partner up with the included OTC J2534 Communication Device. Or pair up with the optional.
- PC-based 2-Channel Tech-Scope® or TPR Tool via long-range Class 1 Bluetooth®.
- Shorten your diagnostic time, maximize billable labor hours and get the repair done from Code-to-Fix®.



Your one-stop shop for OEM tools



F00E9016307HH

The Ford Vehicle Communication Module II (VCM II)

- Authentic OEM diagnostics for Ford, Lincoln and Mercury Vehicles.
- Customer Flight Recorder (CFR) functionality with an optional pendant cable.
- Four LED indicators and signaling device providing technician with continuous visual as well as audible operating status.
- Enhanced 802.11 wireless that minimizes dependencies on service department wireless capability infrastructure.

F00E9016297H*

Includes VCM II, VCM to Laptop cable, USB wireless cards, and DLC cable.

F00E9016307H*

Includes all contents of F00E9016297HH plus CFR kit.

*Software license sold separately.

Ford and VCM II are used under license from Ford Motor Company.

F00E9009777H

Tech 2 Pro Optima

The only authentic General Motors Tech 2 scan tool with full, dealer-level diagnostics. Includes preloaded software that doesn't expire.



F00E901631

Bosch Mastertech VCI

Validated J2534 Flashing – covers GM, Ford, Chrysler, Honda, Nissan, Mazda, Mitsubishi, Saab, BMW, and more to come. M-VCI is an OEM approved reprogramming device.

Authentic OEM Dealer Level Diagnostics* – compatible with BMW ISTA, Saab GDS 2, GM Tech2Win, GM GDS 2, and more to come.

F00E901632 Bosch Mastertech VCI Aftermarket Diagnostic Software – Includes the final release of Shop Foremen Pro and ESI 2.0.

* OEM dealer diagnostic software is purchased separately from vehicle OEM websites.

OTC Leak Tamer 30-Day Satisfaction Guarantee

It's a straight-forward guarantee. Try it for 30 days and if you're not completely satisfied, return it to your participating authorized dealer for a full refund.

6522

OTC EVAP – Leak Detection System

- Pinpoint leaks with Smoke and dye
 - UltraTraceUV® dye deposits at exact location of a leak
 - Finds leaks that smoke alone won't find
 - It's the only OEM-Approved dye solution
- Compact light weight design
 - More powerful diagnostics in smaller package



Available now – 13,000 confirmed HD diagnostic fixes

New ESI[repair] subscription service with 13,000 trouble code fixes.

Free trial for current tool owners. Confirmed fixes based on module, code and truck configuration.

Visit boschdiagnostics.com/pro to learn more.

ESI[Truck] HD Diagnostics

UNMATCHED COVERAGE AND REPAIR INFORMATION AT THE TRUCK

The most complete diagnostic coverage for multibrand heavy-duty trucks and engines, performing special tests and parameter reset capabilities.

NEW REPAIR INFORMATION SUBSCRIPTION SERVICE

NEW

ESI[repair] subscription service for ESI[truck] includes 13,000 experienced based fixes. The tool includes fixes specific to trouble codes and symptoms with repair information viewed while still in diagnostic mode.

TRUCK COVERAGE

Trucks: Freightliner, International, Kenworth, Mack, Volvo, Peterbilt, Sterling, Westernstar, MD Trucks (Freightliner Sprinter Van, Isuzu, GM and Ford). Trailer ABS Controllers; Allison & Eaton Transmissions.

ENGINE COVERAGE

Heavy-duty engines – Caterpillar, Cummins, Detroit Diesel-MBE, Deutz, Mack, MTU, Navistar, PACCAR, Perkins and Volvo. Medium and light duty engine software included.

3824

WINDOWS 7 TABLET SCANTOOL

Includes VCI, 6 pin and 9 pin cables

3824BSC

SCAN KIT

- Use with your shop PC
- Includes Bosch diagnostic software, VCI, 6 and 9 pin cables.

3824-06

Bosch ESI[truck] Trailer Adapter

- 7-pin PLC adapter for trailer ABS diagnostics
- J2497 Power Line Carrier (PLC) communication compatible
- Allows direct connection to trailer
- Works with tractor present or without the tractor present
 - External power supply is necessary without tractor
- Bosch ESI[truck] trailer ABS coverage for Bendix, Haldex, Meritor/Wabco and Wabash systems

3824-08

Bosch ESI[truck] License Renewal 12-Month Security Card



3824



3824-06



3824-08



Watch the tool used at a local shop.

Test battery voltage and CCA in less than 10 seconds

Quickly test charging and starting system health without disconnecting leads

- Download the OTC3200 app from the Google Play or iTunes store. View battery test data by scanning the device QR code*. Instructions included on testing device.
- All light duty applications - test 6V, 8V and 12V lead acid and AGM batteries
- Diagnose bad batteries faster – an internal 9V battery allows testing for deeply discharged batteries
- Share your test results – print, save or email a customer friendly color report
- Confidently recommend repairs – use your smart phone or tablet camera to embed photos into customer reports
- Sync feature sends information to all phones used in your shop so every tech can access reports by vehicle.

*Smart devices paired with the tester must have auto-focusing rear-facing camera to meet full requirements



3200



Watch the tool used at a local shop on a 2000 Celica here:



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/gell 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.

3183

OTC Digital Battery Tester

Speed. Accuracy. Reliability. These are the cornerstones behind the technology in our digital battery testers. Test 12-volt batteries (125-1400 CCAs) and analyze by measuring multiple parameters within the battery to deliver accurate results. A live voltmeter allows easy starting/charging system testing. Its bright, 4-digit LED display indicates battery status, voltage, and available CCAs. It even compensates for cold temperatures.



4639

Battery Terminal Service Kit

This kit includes seven favorite battery tools, housed in a rugged, vinyl-coated fabric pouch. Kit includes: a heavy-duty battery terminal puller, 4-way battery post cleaner and reamer, angled battery nut pliers, GM 5/16" battery terminal ratchet wrench, extra long 5/16" terminal ratchet wrench, 10 mm battery terminal ratchet wrench, and side terminal battery brush.



3990

1000V CAT III Hybrid Multimeter

OTC 1000V CAT III hybrid multimeter with Insulation Test. A full function multimeter with an insulation test feature is used to test for voltage leaks through insulation found on Hybrid and Electric Vehicles.

Features:

- Hybrid Insulation Resistance Test
- True RMS
- Auto Ranging
- Diode Test
- Continuity Buzzer
- Data Hold
- Data Logging
- Display Backlight
- Min/Max Mode
- Sleep Mode
- Low Battery Display

Genisys EVO® New 2014 Software

3421-152

2015 Super Bundle Kit

- Everything needed to update a Genisys EVO
- Includes 2015 Domestic/Asian, 2014 European, and preloaded System 5.0 memory card

3421-153

2015 Software Loyalty Kit

- Designed for customers who already have System 4.0 and newer.
- Includes 2015 Domestic/Asian and 2014 European

3421-154

2015 System 5.0 4GB Memory Expansion Kit

- Pre-loaded with 2015 application software
- New applications require a separate purchase

Encore/Genisys Touch HD



3895-07

OTC Heavy-Duty Standard

- Class 4 - 8 Heavy Duty Standard truck Coverage
- Read / erase codes and view live engine data

3895-08

OTC Genisys Touch 12 Month Software Subscription

Genisys Touch Domestic, Asian and European Software 12 month subscription kit provides a year of frequent and valuable updates for new coverage, coverage enhancements, repair information and application improvements.

3834T

OTC TPR Activation Tool VEHICLE COVERAGE THROUGH 2016

- Lower cost kit for use with the Genisys Touch scan tool or as a stand alone tool.
- Works on vehicle TPMS sensors through 2016.
- 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



3415

OTC CAN Test Box Breakout Box for Scan Tools

- Connects between Diagnostic Link Connector (DLC).
- Connect leads for increased diagnosis, analysis, and monitoring.

Useful Functions

- LEDs display signal detection – Flashing LED's
- Magnifies DLC
- Displays battery voltage with warning



3908

AMP Clamp/Multimeter

OTC AMP Clamp/Multimeter was designed to allow accurate current measurements using clamp jaws. The clamp meter is well suited for testing starting/charging circuits, and provides easy access to current, voltage and other key automotive measurements, all in one easy to use tool.

Features:

- Duty Cycle
- Resistance
- Capacitance
- Diode
- Continuity
- Frequency
- Temperature
- Display maximum reading of 4000 counts
- Range auto/manual
- Automatic negative polarity indication
- Automatic zero adjustment
- Over range indication
- Low battery symbol
- Data hold symbol
- Relative measurement symbol
- Clamp opening size 32mm
- Auto power off

3940

550 Series Digital Multimeter

The 550 series digital multimeter features powerful automotive test functions such as; Frequency, Duty Cycle, Diode and Continuity Tests, plus all the standard meter features you expect in a professional grade multimeter.

Features:

- Diode Test
- Min/Max Mode
- Capacitance
- Duty/Frequency
- Continuity Test
- Auto Range
- Data Hold
- Relative Change
- Auto Power Off



TPMS Service Made Easy With OTC

The expected lifespan of tire pressure monitoring system (TPMS) sensors is between 7 and 10 years, meaning many vehicles coming into your shop are already in need or going to be in need of replacement sensors. Use this opportunity to educate your customers on the importance of the TPMS sensors – safety, vehicle awareness and peace of mind.

OTC recently brought a new standalone OBDII/TPMS tool to market with basic diagnostics capabilities. Think of it as a TPMS tool with a built-in enhanced code reader. Plug the dongle in to the OBD II port and scan each tire's TPMS sensor. The vehicle will learn and register the sensor position and PSI almost instantly, allowing the relearn procedure to take less than 10 minutes.

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.



NEW



3208

OBD II & ABS Scan Tool

- Read ABS code and definitions for most 1996-2013 GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.
- View live engine data.
- Read/erase hot keys.
- View all available I/M Monitors and freeze frame data.
- Automatically reads DTC's (Diagnostic Trouble Codes) when connected for fast diagnostics.
- Works on all 1996 and newer vehicles (OBD II & CAN).

NEW



3209

Trilingual OBD II, ABS & Airbag Scan Tool

- Color screen.
- ABS & Airbag code and definitions for most 1996-2013 GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.
- Battery, Alternator and Charging System Monitor.
- Graph, record and playback live data.
- Full manufacturer specific code definitions.
- Updateable – USB update cable included.
- Live engine data.
- AutoID® – Automatically selects the vehicle so you don't have to on most 2000 and newer vehicles.
- View all OBD II global data including Modes 5, 6 & 8.

Cooling System



4597

Flexible Hose Clamp Pliers w/Memory

- A heavy duty 24" cable flexes to almost any shape and holds it.
- Pliers have locking mechanism to hold clamp in the open position, making removal and installation of clamp easier.
- Allows technician to access the flat type hose clamps located in hard-to-reach areas.



4525

Flexible Hose Clamp Pliers

- Allows technician to access the flat-type hose clamps located in hard-to-access areas.
- Pliers has locking mechanism to hold clamp in the open position – makes removal and installation of clamp much easier.
- Heavy-duty, 24" cable flexes to almost any position.



4502

Hose Clamp Pliers Set (2 piece)

- Includes a cross-slotted jaw pliers and a wide, flat-band hose clamp pliers. Services most ring-type or flat-band hose clamps.
- The clamps are held open with a ratchet locking mechanism. Jaws swivel to access hose clamps in any position.



7991

Cooling System Pressure Tester

Now you can pressure test the cooling system on most cars, light commercial trucks, motorcycles, and even marine applications. The tester's universal fit eliminates the need for multiple adapters.



Ratcheting Hose / PVC Cutter Standard and Heavy Duty

- Features metal frame and rubber padded ergonomic handles for high leverage and comfort.
- Compound ratcheting action provides maximum cutting power.
- Will also cut cable and wires.

4411 – Cuts hose and PVC up to 1-3/8" dia.

4412 – Cuts hose and PVC up to 1-3/4" dia.



4496

Hose Clamp Pliers Set

- Contains five different styles of hose clamp pliers, which will service most flat-band and ring-style hose clamps. Also contains a hose removal tool.
- Contains: straight hose clamp pliers set, hose removal tool, flat-type hose clamp pliers, offset hose clamp pliers, 45° hose clamp pliers



6043

"Blast-Vac" Multipurpose Cleaning Gun

- Perfectly suited for quick and efficient cooling system flushing. Simply attach it to radiator or heater hoses and you're in business.
- Also usable in washing engines and shop floors.
- Two simple connections: one to shop air and one to a typical water faucet.
- Creates a unique vortex air/water blast for powerful cleaning applications.
- The tool can also be used to vacuum by turning the venturi inside the gun in the opposite direction. Air flow is reversed to create a strong vacuum.

4521

Hose Removal Tool

- Unique tip easily fits between hose and fitting to break stubborn hoses loose.
- Large handle provides a good grip on tool during hose removal.
- Works on radiator hoses, heater hoses, transmission lines – any place a rubber hose is clamped to a fitting.



8260

Hose Removal Set, 6 Piece

- Consisting of six hose removal tools which consists of three 10", soft-handled tools and three 15", soft-handled tools, each with a hard end-cap.
- They are made of heat-treated, chrome steel with assorted tip shapes.
- Ergonomic handle design fits properly in the hand, allowing for easier holding of the tool.
- Hose removal tools can also be used on upper and lower radiator hoses, clips, washers, gaskets and other items.
- Packaged in a molded tray which can be placed in tool drawer.

Tire Service

A NEW SPOON PACK WITH A FREE SPOON RACK

WEDGE 'EM, PRY 'EM & NOW HANG 'EM FOR FREE

5735-PACK

An upgraded pack of popular tire spoons features the 35" Double End Tire Spoon with Grip Grooves (5735-35G), 35" Curved/Flat Tip Curved Tire Spoon (5735-35) and 30" Curved Tire Spoon (5736-30), along with a **FREE rack** (5715) that can be hung on a toolbox or wall for easy organization.

✓ FREE HANG RACK INCLUDED

*Tool chest not included



Tire Service Hammers, Indestructible Handle

- Handle never needs replacement "Lifetime Warranty".
- Drop-forged head is induction-hardened for long life, and contains steel locking plates that are specially bonded to ensure the head never becomes loose.
 - Use top hook as a wheel tipper; sledge end hook to drag tire into position.
 - Bead breaking wedge has grooves and a convex shape to help drive tire lube into the bead.

5789ID-520

Head Weight 5 lb., Handle Length 20".

5789ID-1032

Head Weight 10 lb., Handle Length 32".



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



Grip grooves - Eliminate spoon slippage on the wheel rim while mounting or demounting the tire. The grooves also limit the depth of the spoon to help eliminate pinching tire tube applications.

5734-18G

Tire Machine Spoon, Double End with Grip Grooves, 18" Has a curved end and a bent tip end for starting the bead on a tire changing machine.



5735-35G

Double End Tire Spoon with Grip Grooves, 35" Double end curved tire spoon. Handle knob enables easier spoon pick up. 3/4" diameter.



5735-42

Double End Curved & Flat Tip Curved Tire Spoon, 42" Same great design as the original double end mount/demount tire spoon, but in a 42" length for added leverage. 3/4" diameter.



5735-42K

Double End Tire Spoon with Kick Start, 42" Includes kick loops to allow the spoon to be forced into tight bead locations with the help of foot pressure. 3/4" diameter.



5713

OTC Tire Bead Seater

The Tire Bead Seater is used when a tire, new or used, is mounted on a wheel and the tire bead does not touch both sides of the wheel, making inflation possible. The air trigger on this tool expels tremendous burst of air that inflates the tire to seat it to the wheel rim. This allows the tire to be inflated to the recommended pressure through the tire valve.

- Equipped with unique configurations that enhance ease of use, productivity, and safety
- ASME certified 13-gallon tank is designed with a nozzle and valve connected via hose assembly, giving users more control rather than requiring them to hold the weight of the tank



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.



5752

Wheel Loader & Tipper

- The new ergonomic wheel loader and tipper integrates two very helpful tools into one.
- The wheel loader feature allows a technician to lift various sizes and types of wheels and tires in and out of a truck bed.
- The wheel tipper feature allows the technician to flip a wheel over during tire service, or just tip up a wheel and tire to move.
- Both of these features allow the technician to easily and safely service and lift wheels by eliminating the need to bend over to lift, dramatically reducing the risk of back injury.
- Works on steel or aluminum wheels, inflated or deflated.



5750

Wheel Tipper

- This ergonomic wheel tipper allows the technician to flip a wheel over during tire service, or just tip up a wheel and tire to move.
- Allows the technician to easily and safely service wheels by eliminating the need to bend over to lift, dramatically reducing the risk of back injury.
- Works on steel or aluminum wheels, inflated or deflated.

5745

Hands Free Air Chuck

- Perfect for applications where the tire valve is facing the floor while seating the tire bead, such as most dual wheel configurations.
- Hooks on the top bead seat of the wheel and the spring pressure holds the chuck on the tire valve pointing to the opposite side.
- Ball valve included to allow inflation only when needed.



5047LP

Lug Nut Cap Remover Locking Pliers

- Designed to remove lug nut caps found on heavy duty truck and trailers quickly and easily without damage. Caps can be easily damaged by prying or using standard cap removers.
- Locking plier design with specially coated jaws apply maximum grip on the lug nut caps without damage.



5702

Tire Bead Seater

The 5702 OTC Tire Bead Seater provides many of the great features of its 5713 big brother, at a more economical price!

- The trigger style discharge valve allows for optimum airflow control while allowing both hands to firmly hold the tank/valve assembly, critical for effective and safe use.
- Unique nozzle design significantly reduces "blowback recoil" and contains discharge holes strategically placed for optimum inflation of a wide range of tire sizes and wheel diameters.
- Inline design allows for a comfortable distance from the tire and wheel while seating.
- ASME approved 2-gallon tank with inlet valve, pressure gauge, & relief pressure valve for safety.



5758

Hub Cap Removal Tool

- Unique slide hammer design eliminates prying against the wheel finish and potential scratches.
- Opposite end has a rubber bumper used to re-install cap with a simple tab.



5747

Tire Valve Stem Punch Kit

- Quickly and easily remove old valve stems from a wheel with a swing of a hammer.
- Simply place the punch tip on the inside of the valve stem and strike the punch to force the old valve stem out of the wheel.
- The unique punch tip is heat treated and shaped to remove all types of valve stems.
- Includes hand protecting handle with interchangeable 5" and 8" punch adapters for car and truck wheel applications.

5728

Tire Bead Breaker

- Unique head is designed to provide a large striking area for all angles, while providing the mass needed to break the tire bead.
- This design puts the force exactly where it's required and eliminates the possibility of accidentally hitting the wheel, problems typically encountered while using larger swing hammer style bead breakers.



Fuel Injection Kits

7448A

Canister-type Fuel Injector Cleaner

Simply and completely clean a vehicle's fuel system with the 7448A Fuel Injector Cleaner.

With the addition of a quick-connect fitting, the removable hose can be thoroughly cleaned for storage and extending the life of the product. An included blowout fitting adapts to shop air supply to remove residual cleaner from hose lines. Fuel Injection Application Manual covers vehicles from 1997 through 2013.



6550

Master Fuel Injection Kit

Test fuel injection systems on most GMs, including GM TBI, Ford, Chrysler, and Jeep vehicles. Also works on imports, including CIS and CISE fuel systems.

- 0-100 PSI fuel pressure gauge.
- 35 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve.
- '97 - '13 Fuel Injection Service Application Manual.
- Replacement seal kit also included.



6550PRO

Pro Master Fuel Injection Service Kit

Covers 100% of vehicles sold in North America '97-'13.

Perform fuel pressure testing, diagnose weak fuel pumps or restricted filters, test for fuel flow and perform leak-down tests. Use to clean injectors and intake systems. Kit includes:

- 0 - 100 PSI Fuel Pressure Gauge.
- 47 of the popular OTC fuel injection adapters, each equipped with a quick-connect Schrader valve.
- '97 - '13 Fuel Injection Service Application Manual.
- Replacement seal kit also included.



4480

Basic Fuel Injection Service Kit

- Performs running, residual, rail and flow rate pressure tests.
- Kit includes adapters, hoses and fittings to test fuel injection systems.
- Kit includes two popular adapters for import vehicles as well as the GMTBI adapter.
- Professional dual scale gauge reads 0-100 PSI and 0-700 kPa with relief valve, fuel discharge hose and rubber boot.
- Packaged in blow molded carrying case.



6554

Fuel / AC Line Disconnect Kit

- Topside disconnects for AC and Fuel lines.
- Clips, disc, and scissor styles for broad applications.
- Hi-visibility line plugs included.

Motorcycle Tools



4847A

Twin Cam Inner Cam Bearing Remover/Installer Kit

- Remove and install inner cam bearings without damage to the crankcase.
- The bearing puller is designed to trap the needle bearings and keep them from falling into the crankcase.
- The installation tools are designed to press on the outer most diameter of the bearing, eliminating damage to the bearing, cam, or case. The press adapter will also set the bearing to its proper depth.
- Removes and installs both 7/8" and 1" ID bearings.



4738

Chain Breaker & Riveting Tool Kit

This heavy duty kit makes easy work out of breaking, pressing, and riveting # 415 - # 632 size standard and O-ring chains. The handle can be mounted in 3 different positions on the forged and hardened alloy c-frame, providing access while the chain is on the vehicle. The kit can rivet hollow nose master links as well as hardened pins. Storage case

4748

Belt Tension Gauge

This easy to use and read tool allows for accurate belt tension to be set after belt replacement, adjustment, or wheel service. Use on secondary drive belts with a 10 lb. spec. Instructions; 1. Position the small O-ring over the 10 lb. mark. 2. Position the U-shaped belt cradle against the bottom of the belt at a 90 degree angle and locate the large O-ring to a reference point, record reading. 3. Push upward on the rubber bumper until the small O-ring touches the bottom of the tool body. Re-align the large O-ring to the reference point, difference in the reading is the belt deflection (refer to service manual for spec.).



4995

Coil Spring Compressor Locking Plier

- Locking plier with special jaws that clamp on the external side of the coil spring. Use 2 pliers to evenly compress each side of the spring found on struts and coil over shocks.
- Similar to Polaris No's 2871573 & 2871574.



4790

Wheel Bearing Removal/Installation Kit

- This tool assembly will remove and install 3/4", 1", and 25mm I.D. sealed wheel bearings.
- Standard wrenches used in combination with tool. Instructions included along with blow molded case.



4888

Flywheel Socket Set

The best flywheel sockets available. These offer a low profile design that provides full nut to socket contact to eliminate rounding off the nut and slippage. Made from heat-treated chrome moly steel. Set includes:

- 4888-1 - Socket fits pinion shaft nut on big twin 81-89. Size 1-1/4" with 1/2" square drive.
- 4888-2 - Socket fits crank pin nut on big twins 54 - early 81. Size 1-5/16" with 1/2" square drive.
- 4888-3 - Socket fits crank pin nut on Sportster 81-99 and Buell 87-99. Can also be used on top fork nut on glide forks. Size 1-3/8" with 1/2" square drive.
- 4888-4 - Socket fits crank pin nut on big twin 83-99 single cam. Size 1-1/2" with 1/2" square drive.
- 4888-5 - Socket fits sprocket shaft nuts on big twins 72-99 single cam. Size 1-5/8" with 3/4" square drive.



4860

Transmission & Steering Bearing Puller/Installer Kit

- Works on transmission main-shaft and steering stem bearings on HD motorcycles.
- Removes; Fork stem bearings on most applications. Flywheel bearing 00-03 XL. Removes/Installs; Inner bearing race on trans main-shaft Big twin 84 & later.
- Aftermarket trans main-shaft bearings & bushings on 5 & 6 spd. LSD and RSD trans.

5604

Motorcycle Compression Tester Kit

Designed specifically for testing motorcycle and small engines, this kit features a specially designed compression gauge and hose assembly, plus three different size hose adapters. Compression Tester and hose lengths are designed for optimal viewing along side engine. Covers most popular motorcycle and small engine plug sizes.



4892

Steering Head Bearing Installer

- Designed to install steering head bearing cups and races completely straight without any damage.
- Will work on stock and custom applications.
- Similar to HD-39302.

4852



Adjustable Primary Locking Bar

- Used to lock primary for service work.
- Works on Chain or Belt Drive style primary drives.
- Adjustable length from 4" to 7-1/4" to cover virtually any application.

4970

Heavy Duty Flywheel Puller

- Extremely heavy duty puller to pull the most stubborn flywheels. Includes 2 drive screws and bolts; 8mm x 1.25 x 60mm (3X), 6mm x 1.0 x 55mm (6X), 6mm x 1.0 x 50mm (6X).
- The 6 bolt capable design fits Polaris ATV, Snowmobile, Watercraft and many other makes and models.
- Similar to Polaris No. 2871043-A.



4739

Chain Brush

Use to clean and oil various sized roller chains found on motorcycles, ATVs, machinery, etc. Brushes adjust to chain widths ranging from 1/4" to 9/16".

Synthetic Body Tools



2470

Spot Weld Breaker

- Use with hammer to slice through panels after spot welds have been drilled.



2471

Trim & Bezel Tool

- Trim panel pry tool - non-marring tool for many interior trim and bezel pieces.



2473

Half Round Bumping Tool

- Designed to reshape rounded metal profiles
- Good performance in confined areas.



2475

Round Body Anvil

- Use on rounded surfaces.
- Rounded Chisel end to reshape small diameter round profiles.
- Wide striking area for accurate strikes.



2472

Window Trim and Molding Remover

- Perfect for removal of fragile trim pieces like chrome window trim.



2474

Heavy Duty Profile Straightening Tool

- Designed to reshape straight profiles with minimal deflection



2476

Curved and Flat Dolly

- Designed for both curved and straight area shaping.



2477

Edge Straightener

- Use to straighten edges.
- Wide profile enhances professional finish.
- Perfect for doors, fenders and hoods.



2479

30mm Trim Wedge

- For safe removal of body trim safely - without damage.



2480

60mm Trim Wedge

- For safe removal of body trim - wider profile for larger pieces.



2491

Stepped Lever Wedge

- Designed to assist alignment of doors and glass



2481

Blind Panel Removal Wedge

- Designed to reach inside panel release points for blind removal support.



2482

120mm x 30mm Pick Hammer

- Synthetic hammers designed by body repair pros for precise and effective working, ease of use.



2484

160mm x 40mm Finishing Hammer

- Use directly on body panel, or in conjunction with other repair tools.



2485

3Pc Bumping Tool Set

- Door Aligner, Center Punch and Straightener - Available individually.



2487

Combination Wedge Pry Tool

- Designed to safely pry plastic automotive pin style fasteners.



2490

Universal Hook

- Dual purpose hooking / prying tool.
- Designed to safely pry small bezel components from interiors without damage.



2488

Pinch seam straightener

- Designed to realign, and straighten pinch seams.



2489-8

Single Spotweld Carbide Drill Bit

- High Speed Steel construction specially treated to maintain sharpness.
- Self Centering with 3 cutting points!
- Designed for Drilling through Spot Welds.



2492

5 Pc Spotweld Carbide Drill Bit Set

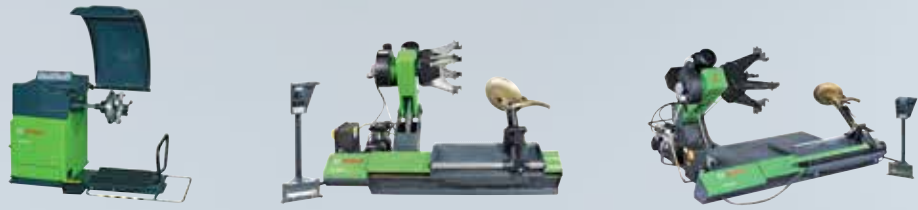
- Super Hard Titanium construction - specially treated to resist dulling in hi temp environments.
- Designed for Drilling through Spot Welds.

Heavy-Duty Wheel Service Rebates

\$250 WBE 5210 Heavy Duty Digital Display Wheel Balancer

\$500 TCE 5210 Heavy-Duty Tire Changer

\$750 TCE 5320 Heavy Duty Hydraulic Tire Changer



How to participate/redeem
Visit boschrebates.com

*Terms and conditions apply

TCE4475EHC

28" Tilt Back Tire Changer

- **Large Clamping Capacity** - Maximum external capacity up to 28", without the need for adapters.
- **Helper Arm Device** - The bead press device and bead roller operate independently yielding more control from two points of contact.
- **2-Speed Electronic Turntable** - Allows for exact torque when needed, and only requires a 110V electric circuit.
- **Ergonomic Control for Bead Breaking** - The hand operated bead breaker allows for easy tire/wheel demounting while minimizing operator discomfort.
- **Stable Design** - Extreme structural rigidity by virtue of the patented G-Frame design greatly reduces mount/demount head flexing which essentially eliminates damage to wheels and tires.
- **Warranty** - Standard 3 years parts and labor.



1694100246

WBE 4430 Premium Monitor Display Wheel Balancer

- 3D automatic data entry.
- Monitor display wheel balancer.
- Laser for precise weight placement.
- LED light ring illuminates the work area where you need it most.
- Easy and intuitive operation with visual monitor display program.
- Weight location intuition eliminates menu selections and saves time.
- Fast 6 second cycle time.
- Auto-locking arm puts tape weights in the correct location every time.



LED light ring illuminates the work area



28" Swing Arm Tire Changers

- **Large & Robust 2-Speed Turntable** - Delivers users two variable speeds for ultimate control during operation and standard clamping capacity of 28" external and 30" internal.
 - Work faster on average sized tires and delicately on challenging wheel and tire combinations.
 - Controlled by an electric moto-inverter allowing for smooth torque ramp up & "slow down/power up"
 - Accommodates assembly's up to 47" in diameter and maximum width of 14".
- **Helper Arm Assembly** - An articulating bead depress arm and bead roller which operate independently yielding precise control from two points of contact during the tire changing process.
- **Increased Rigidity** - The new G-Frame Concept provides Extreme rigidity which greatly reduces mount/demount flexion virtually eliminating damage to wheels and tire.
- **Ergonomic Hand Actuated Bead Breaker*** - Allows for effortless wheel/bead separation while minimizing operator discomfort and maximizing control.
- **Enhanced Inflation Speed** - Jaw-integrated inflation system and tower mounted gauge provide simple and fast adjustment.

Available Models	CALL FOR PRICE
TCE4275EH	2 Speed Electric w/ Helper Assembly
TCE4 275EHC	2 Speed Electric Turntable w/ Ergonomic Bead Breaker and Helper Assembly
TCE4275AHC	Air Turntable Helper Assembly w/ Ergonomic Bead Breaker
TCE4275EC	2 Speed Electric Turntable, Ergonomic Bead Breakers

*Depending on configuration

6- & 10-Ton Capacity Air/Hydraulic Service Jack

- Huge steel front wheels are mounted in bearings for trouble-free service life. Rear swivel casters make spotting the jack easy.
- Spring-loaded handle can be locked in three positions.
- Covered by OTC Lifetime Marathon Warranty®.

5106 - 6-Ton Air/Hydraulic Service Jack. Lifting range 4-3/4" to 23-1/4", reach 87", 45" handle.

5110 - 10-Ton Air/Hydraulic Service Jack. Lifting range 6-3/4" to 26-7/8", reach 93", 47" handle.



5280

OTC Portable Diesel Particulate Filter Cleaner

- Robust design for long shop life.
- High pressure cleaning process for thorough cleaning of ash from DPF - produces 10 times the burst energy of competitive low pressure units.
- Burst Quick Check identifies if filter is too plugged for proper cleaning.
- Movable with locking wheels for placement throughout the shop.
- Computer controlled process based on OE requirements for start-to-finish cleaning without constant technician monitoring.
- Containment of hazardous ash for easy disposal.
- HEPA Filter Air Exhaust System included to exceed shop environmental air standards.
- Operates on standard 115V outlet.
- Proven to clean to over 92% efficiency.
- Third-party OEM test results using pin gauge measurement with approved OTC adapters and burst cycles. Actual results may vary.



5286

OTC Portable Diesel Particulate Filter Cleaner

- The advent of the 2010 Tier 4 cleaning requirements created the need for a lighter, more portable cleaning system which can be taken into the field to clean filters at the point of service.
- Lightweight and Highly Portable - ideal cleaning system for use in the shop or on a service truck.
- Flexibility - clean DPF's from 6" to 15.5" in diameter using shop or compressed air of at least 100 PSI.
- Fully Automated Operation - once started, the cleaning process can be completed unmonitored, freeing up technician to simultaneously do other work in the shop.
- Focused Air Jet Technology™ - concentrates a precise high pressure stream of air directly into every cell.
- Maximum Efficiency - OTC's unique floating puck prevents "splash back," which maximizes the volume of air entering each cell.
- Easy Maintenance - contains no internal filters that require user maintenance and its rugged design provides maximum durability.



3095

Heavy-Duty Digital DEF Tester

Ensure the proper operation of Class 7-8 trucks utilizing the SCR system with accurate Diesel Exhaust Fluid solution displayed on screen.

- Digital Display
- Displays UREA percentage
- Displays washer fluid freeze point

The OTC 3095 makes testing a simple and quick process for an operator or technician.



OTC DPF Thermal Processing Unit

- Designed to facilitate the cleaning of filters - with high amounts of wet soot, and unburned hydrocarbons.
- Pre-programmed thermal profile controls temperature 'ramp up' and 'cool down' to reduce the risk of cracking the DPF.
- Holds temperature constant for two hours to ensure complete regeneration of filter.
- Built-in electronic safety lock prevents unauthorized opening of the door when temperatures exceed 200 degrees F.
- Large chamber accommodates various DPF sizes and shapes. Front access door allows for easy access to the thermal chamber.
- Includes "pre-treat" cycle for oil-soaked filters.



5281

5213

12-ton Bottle Jack

- Base, pressure cylinder, & oil reservoir form one internal part, which results in a stronger jack.
- Lifting range 8-7/8" to 17-11/16".
- Base Size: 6.40" L x 4.41" W



4000

Single-Speed Hydraulic Hand Pump
This single-speed pump is ideal for single-acting rams. Developing up to 10,000 psi operating pressure, the pump operates horizontally or vertically in the "head down" position. Fingertip control provides instant release or pumping action. Has a built-in safety overload valve. Ideal for use with OTC single-acting rams, or similar competitors' rams.

5025

OTC DEF Refractometer

SCR & EPA 2010 EPA regulations require all diesel engines manufactured on or after Jan. 1, 2010 to meet lowered NOx emissions standards.

Application:

The refractometer is a portable, precision, optical instrument used for measuring the Diesel Exhaust Fluid (DEF) concentration. When a liquid sample is placed on the prism, the light passing through it is bent, and shows on the scale to indicate the DEF condition.



Hydraulic Flow Meters

Unparalleled accuracy in testing hydraulic oil flow circuits for vehicles and machinery. All are protected by a durable steel case. Pressure accuracy is at +/- 1.6% of full scale. Due to their standard burst disc protection system, overpressure conditions prevent spillage of hydraulic fluid. All devices accommodate bi-directional flow and are CE marked as appropriate.

4277

50 gpm Mechanical Hydraulic Flow Meter

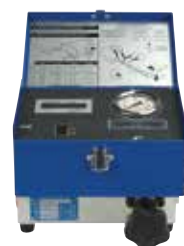
- Flow Accuracy to +/- 4% of full scale
- Measures flow from 4 to 54 gpm
- Pressure up to 6000 psi
- Fluid filled analog gage that dampens vibration
- Temperatures up to 230 deg F
- Reads flow in one direction
- No batteries required
- Port is 1-5/16" - 12 UN JIC Male
- 12.25" x 4.125" x 4.875", weights 14.5 lbs



4278

100 gpm Digital Hydraulic Flow Meter

- Flow Accuracy to +/- 1% of indicated value
- Measures flow from 2.5 to 100 gpm
- Pressure up to 6000 psi
- Digital display for flow, temperature, analog for pressure
- Temperatures up to 250 deg F
- Reads flow in both directions, pressure on the high side of valve
- Requires 1 9V battery (included)
- Port is 1-5/16" - 12UN #16 SAE ORB
- 9.45" x 7.87" x 7.87", weights 14 lbs



4285

100 gpm Digital Hydraulic Flow Test Kit

- Includes OTC 4292 Digital Readout and OTC 4291 Flow Block with Loading Valve
- Flow Accuracy to +/- 1% of indicated value
- Measures flow from 2.5 to 100 gpm
- Pressure up to 6000 psi
- Digital display for flow, temperature, analog for pressure
- Reads flow in both directions, pressure on the high side of valve
- Require 1 9V battery (included)
- Port is 1-5/16" - 12UN #16 SAE ORB
- 12.99" x 12.4" x 10.24", weights 17lbs



Heavy Duty Equipment

1590

10-Ton Air Lift

- Adjustable lifting saddles and an extra-wide stance for extra stability.
- Automatic mechanical safety catch engages in five height positions.
- Two large swivel casters and pneumatic tires make it easy to maneuver, even on loose gravel.
- Covered by OTC Lifetime Warranty®.

Specifications:

Capacity – 10 tons (at 200 psi air)
 Air pressure – 100–200 psi
 Lifting range – 13"–52"
 Saddle spread – 29" – 41-3/4"
 Saddle – 4" X 5-1/4"
 Height – 67-1/2"
 Width – 41"
 Length – 36"
 Distance from lift arm to floor support – 12-1/2"



572913

572913

Optional wide saddle set for 1590, saddle 4" x 5 5/8"



5105B

1,100 lb. Capacity High-Lift Dual Wheel Dolly

- Effortless air-powered hydraulic lift system for a variety of applications.
- 0 to 42" lifting range.
- Six-inch lateral adjustment.
- Tilt adjustment of +15° to -8° for easy alignment.
- Features four swivel casters, two locking, for enhanced mobility.



5019A

2,200 lb. Capacity Low-Lift Transmission Jack

- Special mounting adapter fits popular Eaton® Fuller® RoadRanger® transmissions used on nearly all Class 7 and 8 heavy-duty trucks. Mounting plate angle is adjusted with the turn of a wrench.
- Swiveling pump handle permits ease of operation in restricted working spaces.
- Includes No. 49611 adapter for Eaton® Fuller® RoadRanger® transmissions (also available separately).

Specifications:

Min. height is 8-1/4" Max. height is 36-1/2"
 Max. forward tilt – 15° Max. backward tilt – 20°
 Max. side tilt (either side) – 12°
 Overall length – 52" Overall width – 32-1/2"

1734A

Heavy-Duty Wheel Step

- Fits heavy-duty vehicles (Class 7/8).
- Adjusts to fit 22-1/2" to 24" wheel sizes and folds for easy storage.
- 300 pound capacity.
- Non-skid surface.



Shown folded



5269

20-Ton Truck Ramps

- Long, retractable T-handle enhances mobility.
- Non-skid rubber matting prevents slippage during use.
- Durable, heavy-duty rubber wheels.
- Capacity per pair is 20 tons
- Covered by OTC Lifetime Warranty®.

5268 – 20-ton truck ramps handle up to 10" tread width.

5269 – Wide 20-ton truck ramps handle up to 16" tread width.

OTC Service Jacks



5202

2- & 3-Ton Service Jack

- Ergonomic handle for user comfort & easy mobility.
- Foot pedal for quick approach of the lifting saddle to load. Built-in tray for fasteners and tools.
- CE certified, PALD compliant.
- Covered by OTC Lifetime Warranty®.

5202 – 2-ton service jack. Min. height 3"; Max. height 18-1/4".

5203 – 3-ton service jack. Min. height 5-1/2"; Max. height 20-1/2".



1533

OTC Aluminum Racing Jack Pack

- Jack lifts two tons and weighs only 43 lbs.
- Five pumps to max. height – 18".
- Low profile 3-1/2" makes it perfect for ground hugging, high performance cars.

1582

- 2-ton aluminum jack stands.
- 10-1/4" min. height, 15-1/4" max. height.
- Made from aircraft-grade aluminum.

4082A

- 4-ton ram with 5" stroke and special piston rod end designed to fit most collision repair set components

4145

- Single-Acting, Spring-Return, 100 Ton, 2-1/4" stroke

4122

- 50-ton Power Twin single-acting hydraulic ram. Complete with No. 22274 threaded ram head insert, ram attaching screws, and No. 9796 ram half coupler.

4082A



4122



OTC New Single Acting Cylinder Rams



NEW

		Capacity in Tons	Stroke	Height	
				Collapsed	Extended
4100A	5-Ton Single Acting Cylinder	5	3"	5-11/16"	8-11/16"
4101A	5-Ton Single Acting Cylinder	5	5-1/4"	10-7/16"	15-11/16"
4103A	10-Ton Single Acting Cylinder	10	2-1/8"	5-9/16"	7-11/16"
4104A	10-Ton Single Acting Cylinder	10	6-1/8"	11-1/2"	17-5/8"
4105A	10-Ton Single Acting Cylinder	10	10-1/8"	15-1/2"	25-5/8"
4106A	25-Ton Single Acting Cylinder	25	6-1/4"	13-3/8"	19-5/8"
4107A	25-Ton Single Acting Cylinder	25	14-1/4"	21-3/8"	35-5/8"
4108A	5-Ton LP Single Acting Cylinder	5	9/16"	1-5/8"	2-3/16"
4110A	55-Ton Single Acting Cylinder	55	6-1/4"	11"	17-5/16"

1770A

1,500 lb. Dual Wheel Dolly

- Hydraulic jack provides almost 5" of lift and tilts wheel assembly 4° to prevent damage to wheel seal.
- Independent lifting rack provides maximum stability; rollers won't catch on load.
- Swivel casters for easy maneuverability.
- Floor space is 45" by 41".
- 6' chain holds load in place.
- Covered by OTC Lifetime Marathon Warranty®.



1814

6,000 lb. Capacity Heavy-Duty Mobile Floor Cranes

- Three boom positions give capacities of 4,000, 5,000, and 6,000 lbs. to handle the biggest engines, and often the transmission right along with the engine! Usable reach is almost 92".
- Boom swivels for vertical and lateral positioning; legs extend to straddle the biggest tires.
- 1814** – 6,000 lb. capacity crane with electric/hydraulic pump (115V) with remote motor control.
- 1813** – 6,000 lb. capacity crane with two-speed hydraulic hand pump.



OTC Rear Suspension Bushing Tool

- Removes FAS II Airliner Freightliner Rear Suspension bushings in a fraction of the time of traditional methods.
- Saves on average 45 minutes per bushing (4 per vehicle) on flat rate of 1.5 hours per bushing.

4244

- Freightliner Rear Suspension Tool. Does not include 2510A pump.

4245

- Freightliner Rear Suspension Tool – Master Kit includes 2510A Air/Hydraulic Pump.



4245

5230

16-1/2 Ton Capacity Bench Press

- This innovative press integrates all the hydraulic elements within the chassis. The compact and functional design saves workshop space and ensures protection during transport.
- Bolster is adjustable for height.
- Automatic spring return piston.
- Pressure gauge with damper to extend its working life – positioned at eye level for easy reading.
- Includes set of two V-blocks and legs with bolt-holes for fixing to bench.



5190A

Heavy-Duty U-Joint Puller

- The ideal tool for disassembling drivelines.
- May be used with up to a one-inch impact wrench.
- Quickly and easily removes sealed U-joint cups without the need for hammering or heat.
- Will not damage the driveshaft, yoke, bearing cups, or joints.
- Fits practically all Class 7 and 8 trucks, including: Spicer driveline 1610, 1710, 1760, 1810, 1880 Spicer SPL 140, 170, and 250 "Life Series" Meritor (Rockwell) 16N, 17N, 18N, 1710 Meritor RPL 20 and 25 "Permalube" Series.



4111

4116

55- and 100-Ton Aluminum Rams

- Get the strength of a steel ram but about half the weight. Easily carry these single-acting, spring-return rams around the garage, shop, or into the field for on-the-vehicle repairs. They are ideal for truck axle correction, trailer frame straightening, general vehicle maintenance, and heavy-duty lifting.
- 4111** – 55-ton aluminum ram. 6-1/8" stroke. Height collapsed 10-3/4", Extended 16-7/8".
- 4116** – 100-ton aluminum ram. 6-1/4" stroke. Height collapsed 11-3/4", Extended 18".