

OIC

WIN ULTIMATE DIAGNOSTICS FOR LIFE

FECHNICIAN CHALLENGE IS GOING ENCORE WITH UNPRECEDENTED LIFETIME HARDWARE AND SOFTWARE



Take the OTC Technician Challenge at a Diagnostics

partners this summer. Technicians with the fastest time

Summer \$300 Rebate

Authentic General Motors MDI vehicle communication

interface (VCI) for wireless J2534 reprogramming and

Requires software subscription to GM SPS (Service

Programming System), which must be purchased

separately via the ACDelco Tech Connect website.

Strategy Clinic co-hosted by OTC and distribution

at each local clinic will receive a \$150 gift card.

You Tube f

F00K10832235E

GM MDI

diagnostics.

PRE-REGISTER

Pre-register at otctools.com/technician-challenge, show up for the event and receive a free pair of OTC Technician Gloves

REQUEST A CLINIC

Check the schedule for a clinic in your area, or request one to be scheduled.

Register at tiny.cc/OTC QUESTIONS?

Genisys Touch™ Trade-Up Promotion



Replace your old professional

Details can be found at otctools.com

*Code readers do not qualify.

Expires December 31, 2015

Participate by visiting boschrebates.com

scan tool* with the Genisys Touch and choose from a OTCTech Scope,

OTCTPR Tool or OTC Smart Battery Tester.

The latest updates include

- 2014 USA Domestic / Asian / European vehicle coverage with multiple releases through the year.
- Frequent updates to the largest experiencedbased 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



Tech Scope (value \$1099)

3834T **TPRTool** (value \$459)

3200

OTC



Advantages of Software:

Redeem at boschrebates.com

- Quick module status check of the vehicle network.
- Wide range of functions such as: Auto Brake BleedTest and Maintenance Light Reset.
- · Vehicle health check with complete mode 6 coverage.
- OE level bi-directional controls for engine, body and chassis systems.
- Includes European, Asian, and Domestic coverage





* Includes the final release of Shop Foremen Pro and ESI 2.0. See page 2 The 2013 final release software is a one-time purchase license (no future updates).

F00E901632

Visit boschrebates.com to participate

Receive ESI 2.0 Software kit with

Bosch Mastertech VCI Purchase

50 FREE Bits with every Brake Lathe purchase.

Purchase a Bosch OCL8850, BL8922L or BL8944L and receive a 10 pack of positive angle toolbits, up to a \$92.00 value.



OCL8850 **BL8922L BL8944L**

On Car Brake Lathe, See page 6 **Single Speed Lathe Multi-Speed Lathe**

Visit Boschrebates.com to redeem

010



Expires September 30, 2015

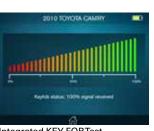
OBD IITPMSTOOL WITH ACTIVATION, DIAGNOSTIC & RELEARN CAPABILITIES

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.







http://www.otctools.com/products/obdii-tpms-tool

Fastest code-to-fix® with a lifetime warranty

New Bravo 2.0 software is faster and more responsive

OTC has re-launched the Encore with 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

- Re-engineered Bravo 2.0 software is faster, more responsive and includes major and minor bug fixes.
- First OTC tool with Bosch coverage database for European vehicles, focusing on Mercedes-Benz, BMW and Volvo
- Boot up in less than 15 seconds
- AutoID faster than anybody identify 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

Alert 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

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.

Diagnostics 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

Reset & Change Your Oil

Oil Light Reset Tool and Drain Plug Pro™ Bundle

Oil Light ResetTool

- The 3596J kit helps eliminate the need to take the vehicle to the dealer or use an OEM scan tool to reset oil service lights.
- Electronic tool set includes the adapters and interface module required to reset the oil service lights on Volkswagen, Audi, Mercedes Benz, BMW, and Volvo. • The included manual details Oil Light Reset tool procedures
- as well as the manual reset procedures for domestic and
- The Oil Light Reset Tool now gives you the ability to update the tool vehicle coverage by connecting to a PC with future update kits.

Drain Plug Pro™

• Remove oil drain plug without dropping or touching the plug or hot oil.



Your one-stop shop for OEM tools

Bosch brings authentic OEM diagnostics to aftermarket again with Ford VCM II



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.

F00E9016297HH*

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

Includes all contents of F00E9016297HH plus CFR kit.

*Software license sold separately. Ford and VCM II are used under license from

Ford Motor Company.

F00E9009777HH

Tech 2 Pro Optima

The only authentic General Motors Tech 2 scan tool with full, dealer-level diagnostics. Includes preloaded software





F00E901631

Bosch Mastertech VCI

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

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.

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. Use one tool to test, troubleshoot and see repair information. Diagnose vehicle, engine, transmission and brake problems.

TRUCK COVERAGE

Trucks: Freightliner, International, Kenworth, Mack, Volco, Peterbilt, Sterling, Westernstar, MDTrucks (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.

WINDOWS 7 TABLET SCANTOOL

Includes VCI, 6 pin and 9 pin cables

SCAN KIT

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

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









Watch the tool used at a local shop.

Battery Service Tools

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 autofocusing rear-facing camera to meet full requirements



2000 Celica here:



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.



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.

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.

3167

Battery & Electrical System

· 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

• Tests all 6- & 12-volt batteries with a 50-2000 CCA

Removable/auto-sensing leads. (3' leads included in

• Includes SABRE HP, 3' test leads, side-post terminal

adapters, instruction manual, and molded-plastic

· Optional amp clamps for current drain tests and

Diagnostic Tester

operating range.

minimal user interaction.

Scales: CCA, CA, AHR, MCA, JIS, DIN.

kits, optional 10' leads available.)

starting/charging measurements.

OTC EVAP - Leak Detection System

- Pinpoint leaks with Smoke and dve
- 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







Genisys EVO® 2014 Software

3421-149

2014 Super Bundle Kit

- · Everything needed to update a Genisys EVO
- Includes 2014 Domestic/Asian, 2013 European. and preloaded System 5.0 memory card

3421-150

2014 Software Loyalty Kit

- Designed for customers who already have System 4.0 and newer.
- Includes 2014 Domestic/Asian and 2013 European

3421-151

OB 2014 System 5.0 **4GB Memory Expansion Kit**

- Pre-loaded with 2014 application software
- New applications require a separate purchase

Nemisys 2014 Software

3774-38

OTC Nemisys 2014 Domestic/Asian software

OEM based 2014 Domestic and Asian coverage back to 1983 for engine, body, and chassis systems. Includes the Code-Assist™ Library of experienced-based Confirmed Fixes™ from Identifix® and Data / Sensor Info repair information

Encore/Genisys Touch HD



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

3834T

OTC TPR Activation Tool

The OTC's TPR is a fast and simple to use stand alone TPMS activation tool!

- Lower cost kit for use with the Genisys Touch scan tool or as a stand alone tool.
- Works on vehicle TPMS sensors through 2013.
- 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 .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 LEDs indicate ECU activity.
- Magnifies DLC
- Allows monitoring of OBD II data lines.
- Monitors voltage Displays battery voltage.
- Alarm warning when voltage drops below

11.6v or rises above 15v.

3076

OTC HD Scan with Ez-Tap

- In-shop wireless capability.
- Ez-Tap Wireless Vehicle Communication Interface (VCI) works with OEM diagnostic software.
- One wireless VCI for all your diagnostic software.
- Eliminate cables and cable replacement costs.

\$200 or \$325 REBATE On GENISYS EVO®



PURCHASE A QUALIFYING GENISYS EVO AND RECEIVE A GIFT CARD

GENISYS EVO MODEL GIFT CARD VALUE 3874, 3874HD, 3874TPR, 3874MVCI\$325

HOW TO PARTICIPATE

- 1. REGISTER ON BOSCHREBATES.COM 2. PROVIDE A VALID SERIAL NUMBER
- While Supplies Last

Scan Tools / Code Readers



3111PRO

OTC Trilingual Scan Tool OBD II, CAN, ABS & Airbag

Fix it Faster! Expanded Domestic and Asian ABS & Airbag coverage. Now with over 4.3 million verified fixes at the touch of a button! Compatible with all 1996 and newer cars and light trucks.

Airbag (SRS) & ABS coverage: 1996-2010 GM, Ford and Chrysler

1996-2009 Toyota, Honda, Hyundai and Nissan.

Enhanced code request For GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.

Displays additional live engine data: Now over 300+ possible PIDs. View engine RPMs, coolant temperature, Oxygen sensor readings and more! AutoID™ Automatically retrieves VIN from vehicle

and decodes to Year/Make/Model.

Component Locator Text descriptions indicate



3108N

OTC Pocketscan® Code Reader

- View LIVE engine data.
- Automatically reads DTC's.
- · Erases DTCs.
- · Reads and displays MIL status.
- Reads and displays I/M monitors.

OTC Trilingual OBD II/EOBD and CAN Scan Tool

- AutoID[™] automatically identifies most 2000 and newer vehicles.
- · Graph live data.
- Read and erase diagnostic trouble codes.
- · Read and display LIVE sensor data.
- Read and display freeze frame data.



OTC Heavy-Duty Code Reader

- Class 4 8 truck coverage.
- HD J1587 / J1708 and J1939 CAN, Engine, Transmission / ABS coverage and more for diagnostic trouble codes!
- Read and clear diagnostic trouble codes.
- Provides on screen DTC definitions or heavy-duty standard codes.
- · Battery powered for off vehicle use.
- Internet update capable.

Applications:

Tow trucks, recreational vehicles, cement trucks, dump trucks, garbage trucks, buses, step vans, municipal vehicles, refrigerated trucks, and conventional trucks.

Heavy-Duty Standard compliant construction, marine, agriculture, & industrial diesel power plant

Includes: 9-Pin deutsch cable, 6-Pin deutsch cable, operations manual, 3-year warranty, and soft nylon carrying case.

Ford Cam Tools

Ford Master Cam Tool Kit

- Contains 40 tools to ensure correct cam timing when servicing timing belts, chains, head gaskets, or other valve train repairs.
- Covers L4, V6, V8, V10 engine with 2V, 3V, 4V valve configurations, model years 1991 - Present.
- Application guide with diagrams and blow molded case included.



- Ford Cam Tool Kit Update Contains 18 tools, with case locations for addition of the popular 6489 Ford Cam Tools, making a 6690 Kit.
- when servicing timing belts, chains, head gaskets, or other valve train repairs. 6690-1 tools cover L4, V6, V8, V10 engines with 3V &
- 4V valve configurations, model years 2004 Present.
- Application guide with diagrams and blow molded case included.





6488

Ford Cam Tool Kit

- The OTC Ford cam tools ensure correct cam timing when servicing timing belts, chains, head gaskets, or other valve train repairs.
- · Ford cam tool kit containing 22 cam tools covering
- 1992 thru 2012 for over 50 applications, in a molded storage case.



6486A

Ford 2.0L, 2.3L, 2.5L 4V Cam Tool Set

- Ford 2.0L 4V L4 engines used in 94-12 multiple vehicle platforms.
- Ford 2.3L 4V L4 engines used in 05-08 Escape Hybrid, Mariner Hybrid.
- Ford 2.5L 4V L4 engines used in 09-12 Escape & Mariner, 10-12 Fusion & Fusion Hybrid, 11-12 MKZ.



Ford Cam Tool Kit

Ford cam tool kit for 1997 thru 2011 4.0L Explorer/ Mountaineer SOHC V6 engines. Kit contains tool Nos. 6478, 6479, 6480, 6481, 6482, 6484, 6485, and molded storage case.



Ford 4.6L & 5.4L 4V Cam Timing Kit

- Saves time: all tools required for camshaft timing are in one kit. Set Includes:
- 525216 Camshaft positioning tool 525217 - Camshaft holding tool
- 525219 Crankshaft positioning tool
- 525218 Secondary chain tensioner tool



Ford 3.9L 4V Cam Tool Set

The 6680 is designed to service Ford 3.9L 4V V8 engines used in 2000-2006 Lincoln LS cars.



Ford 4.6L, 5.4L, 6.8L 3V Cam Tool Set

- The 6681 is designed to service; Ford 4.6L 3V V8 engines used in 05-10 Mustang, 06-10 Explorer, 09 F-Series trucks.
- Ford 5.4L 3V V8 engines used in 04-12 F-Series, 05-10 Expedition, 05-12 Lincoln Navigator. Ford 6.8L 3V V10 engines used in 05-12 F-Series



Note: Tool set covers 1 cylinder head application.

6682

Ford 3.5L & 3.7L 4V Cam Tool Set

- Ford 3.5L 4V V6 engines used in 07-12 Edge & MKZ, 07-09 MKX, 08-12 Taurus & Taurus X & Sable, 10-12 Fusion, 10-12 MKZ & MKS & MKT, 11-12 Explorer & F150.
- Ford 3.7L 4V V6 engines used in 09-12 MKS, 10-12 MKT, 11-12 Mustang & F150 & MKZ & Edge.



Ford 1.6L 4V Cam Tool Set

Works on Ford 1.6L 4V L4 engines used





Special Tools



Ford Axle Shaft Seal Installers

Correctly installs the seal onto the axle shaft and into the wheel knuckle, preventing front hub vacuum leaks that would cause the 4WD to not engage.

Ford Axle Shaft Seal Installer. Works on 2005-newer Ford F-250, F-350, 4X4s having the vacuum-operated front axle.

Ford Axle Shaft Seal Installer. Works on 2005-newer Ford F-450, F-550, 4X4s having the vacuum-operated front axle.



4732

Honda/Acura Crankshaft and Harmonic **Balancer Holder**

- · Allows the crankshaft pulley and/or harmonic balancer bolt to break loose.
- Includes tool necessary to properly counter the rotation of the crankshaft pulley/harmonic balancer during removal and reinstallation of
- Secures the pulley in place not allowing it to rotate during removal and reinstallation of crank bolt.



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.



Hose Removal Set, 6 Piece

- Consisting of six (6) hose removal tools which consists of three (3) 10", soft-handled tools and three (3) 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.



One-Man Brake Bleeder Hose (Set of four)

- Removes air from brake system, one wheel at a time, and eliminates the need for an assistant.
- Hose easily attaches to bleeder screw, which holds hose in place and prevents leaking.
- Check valve on end of hose prevents air from entering brake system when pumping brake

Motorcycle / ATV



4860

Transmission & Steering Bearing Puller/Installer Kit

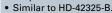
- This combination kit works on transmission main-shaft and steering stem bearings on HD
- Removes; Fork stem bearings on most applications. Flywheel bearing 00-03 XL. Removes/Installs; Inner bearing race on trans main-shaft Big twin 84 & later.
- Aftermarket trans main-shaft bearings & bushings on 5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



4847

Twin Cam Inner Cam Bearing Remover/Installer Kit

- · This kit contains the tools to 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
- 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.





4966

ATV Steering Knuckle/Ball Joint Separator

- For removal and installation of lower ball joints on models with pressed-in ball joints on the front strut casting found on Polaris and other Makes.
- Similar to Polaris No. 2870871.

Brake Caliper Spreader

- Compresses the brake pistons on most style calipers for easy pad replacement.
- Fits calipers with 1/4" thick rotor applications, popular on motorcycles.
- Range: .25" (5 mm) to 2.25" (58 mm). Works on all automotive applications in this range.

Fluid Evacuation / Brake Bleeding Tools

- Use to bleed brake systems and remove a variety of fluid from vehicles, such as antifreeze, oil, transmission fluid, gear lube, etc.
- Quick connect locking hose adapters and ball-style on/off valve on hose prevent fluid leakage.
- Equipped with a relief valve to prevent overpressurizing the tank.
- Operates with shop air; shipped with a brake bleeding hose and fluid evacuation hose; 6-liter capacity tank.



8104

Vacuum Brake Bleeder

This one man brake bleeding system allows for fast and efficient vacuum brake bleeding. Universal rubber fitting holds securely on brake bleeder screw. Attach shop air and use the quick release trigger for on-demand vacuum and hands free operation. Compact size and 17 oz. (500ml) capacity.



Drive Clutch Holding Fixture

For solid holding of drive clutch for spider removal when shimming for belt-to-sheave clearance or servicing spider.

- · Bolt to bench or clamp in a vise.
- Contacts all webs for maximum support to eliminate clutch web damage.
- Center hold down for much greater holding stability while applying off center torque.
- Single person operation, even on the most difficult spiders.
- ATV and Ranger applications.
- Similar to Polaris No. 2871358-B.



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
- Similar to Polaris No. 2871043-A.



- Designed to hold the drive clutch for retainer bolt removal and torquing. For both P-85 and P-90 drive clutches on Polaris ATV & Side x Side.
- Similar to Polaris 9314177-A.



4987 **Clutch Spider Nut Socket**

- Used to remove and install the drive clutch spider jam nut on 2011 & newer Ranger RZR XP. Similar to OE P/N PU-50578
- Similar to Polaris No. PU-50578.



7311A

Water Pump Drive & Rotor Puller

- Installs the water pump drive gear on the rotor and removes the rotor from the crankshaft. This tool
- Similar to Polaris No. PA-49316.

Pitman Arm Puller

Adjustable and have

solid grip.

7011

 Designed for the toughest Pitman arm jobs.

rugged forged jaws shaped

to fit the job. Two clamp

Pitman arm, ensuring a

bolts lock the jaws on the

Pitman arm puller for cars

and light trucks to 3/4 ton. Max jaw spread: 2-1/8".

Ball Hone Set, 10 piece

bearing or bushing application.

excellent cutting and finish.

· Ball Hones can be used for refinishing and resiz-

lifters, and u-joint yokes. Also useful for any

• All hones are 180 grit Silicone Carbide for

ing bores such as found in brake calipers, engine



- without removing the transmission. Designed to not damage the bearing or gear during installation.
- Applications include 5 speed Big Twin and aftermarket 6 speed 1980-2006 (ex 06 Dyna and Sportster 91-05).



Clutch Compressor Tool

- This universal compressor is used to compress the drive or driven clutch during assembly of disassembly. Innovative design makes use quick and effective without binding. Works on all Polaris and TEAM clutches found on full-sized model ATV, Side x Side, and Snowmobile.
- Similar to Polaris No. PU-50518.



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.
- Socket fits pinion shaft nut on big twin 81-89. Size 1-1/4" with 1/2" square drive.
- Socket fits crank pin nut on big twins
- 54 early 81. Size 1-5/16" with 1/2" square drive. 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. Socket fits crank pin nut on big twin 83-99 single cam. Size 1-1/2" with 1/2" square drive.
- Socket fits sprocket shaft nuts on big twins 72-99 single cam. Size 1-5/8" with 3/4" square drive.



Fork Spring Compressor Kit

- Designed to install fork caps on forks with a large amount of spring pre-load. Kit includes 39mm and
- 41mm adapter sets, and one jackscrew. Application: 39mm and 41mm HD forks.



6786

Oil Filter Cartridge Set

- Fits today's oil filter cartridge style filter applications.
- Short socket style allows for proper clearance when removing the filter element.
- 24mm Cadillac, BMW. 27mm Cadillac, Mercedes, Buick, Saturn, Saab, Smart, VW.
- 29mm Dodge.
- 32mm Saturn, Saab, various GM.
- 35/36mm Ford, Mini Cooper, Mercedes, BMW, VW/Audi, Mack Truck.
- 38mm small Diesel engine applications.







OTC Puller kits



9-Way Slide Hammer Puller Set

- Pulls flange-type rear axles and most front-wheel
- Internal and external jaws provide a variety of combinations to pull bearings, gears and seals.
- Two- and three-way cross blocks and cone provide the perfect jaw configuration for most jobs.
- Set also includes a grip wrench adapter and a dent puller attachment for sheet metal or other unique pulling requirements.
- Designed for use with other OTC 5/8"-18 thread slide hammer attachments.
- Packaged in blow-molded case.



4518

5-Ton Bar-Type **Puller/Bearing Separator Set**

- This combination set includes our two most popular bearing 'splitters" (2" and 3"), four sets of hex push-puller legs and a bar-type puller head with a 9/16" forcing screw. Separator tools are used with bar puller and legs for a wide variety of pulling jobs.
- The 5" puller cross-bar with a 6-1/4" forcing screw or each of the bearing separators may also be used separately or in combination with other pullers or
- A blow-molded plastic storage case keeps set contents organized and protected from loss.



7-Ton Bar-Type Puller/Bearing **Separator Set**

- Includes a Bearing Splitter with 4" capacity, two sets of hex push puller legs, a 8" bar type puller head mated with a custom thread forcing screw.
- Now service and maintenance professionals have a Puller/Bearing set for tough jobs, up to 7-tons, larger applications, and greater reach 8" to 16".
- · As a stand alone puller/bearing splitter set or as a compliment to the 4518 version, the 4517 7-Ton Puller/Bearing Separator Set gives your maintenance/service shop the expanded capability to keep more business in house.

7485

Bearing Splitter

Features "knife-like edges which are easily placed behind the part to secure a gripping surface, even when clearances are extremely limited.

- Max. Spread 4-5/8"
- Min. Spread 1/2"

adjustment.

to remove end.

- Thread of tapped holes in adapter 5/8"-18.
- Distance between adjusting screws 4-3/8".

Locking Collar Rack Wrench · Ideal for steering service, wheel

alignment, strut cartridge, small

dia. exhaust, and general pipe

• Unique, two-piece design wraps

Permits service or adjustment of

steering components without having

For use with diameters of 1" to 1-7/8"

• Eccentric shape of cam automatically adjusts to component diameter.

• 1/2" Sq.Dr. for maximum power with Ratchets, Extensions, and Breaker Bars.

around steering components.

(25.4 mm to 47.625 mm).

1060-HYD

OTC 10 Ton Hydraulic Puller Kit

The OTC 1060-HYD delivers 10 tons of force for industrial bearing service. Engineered for a maximum spread of 17" and maximum reach of 15". OTC Grip-O-Matic® Pullers are designed with adjustable jaw positions in both 2 and 3 jaw configurations. Two pushing adapters are designed to fit the cylinder ram and act as 4.5" and 8.5" forcing screws.

- 10-Ton 2/3 Jaw Grip-O-Matic Puller Chassis.
- 10-Ton Single Cylinder Hydraulic Ram with 10-Ton Hand Operated Hydraulic Pump.
- Includes 2 Pushing Adapters (4-1/2" and 8-1/2").
- Includes 6 Piece Shaft Adaper Set.
- Ultra Heavy Duty Rolling Storage Case.
- · Comes with a Quick Link Connector for suspending pulling from lifting equipment.



7-Ton Multi Purpose Bearing & Puller set

- Features a classic "H" style puller block accommodating 7-11" application spread.
- Includes 2 sets of forged jaws for a pulling reach range of 5" to 9" – tempered for heavy-duty applications. (Jaws from OTC's 4534 are interchangeable) Two forcing screws are included for short and long pulls.
- Multi applications include heavy-duty pinion bearings, side bearings, alternators, generators, power steering and crankshaft pulleys, timing gears and harmonic balancers.
- Deep set transmission gears and A/C clutches.
 Roller gears on tracked vehicles, locking collars



4527

5-Ton Single Pressure Beam **Bearing Splitter Set**

- · Single point of adjustment allows quick attachment of splitter to the application.
- Pressure beam provides the ultimate in secure gripping surface.
- Push Puller is thread matched to the splitter. • Interchangeable legs shorten or lengthen the
- range of pull.
- Designed of high quality tool grade materials for a lifetime of use
- For use on most bushing or bearing jobs up to 3" in diameter.

5-Ton Grip-O-Matic Puller

- Remove and install parts for fast, effective repairs. The puller is forged from quality steel, heat treated, and subjected to rigorous tests which exceed their rated capacity.
- 5-Ton, Long 2/3-Jaw (Reversible Jaws)
- Max. Reach 5-1/2" Max. Spread 7"



10-Ton Push Puller

Removes and installs press-fit parts. Max. reach is 8-1/4" with spread of 2-1/8" to 7-1/4".



8330



OTC Multipurpose Bearing and Pulley Puller Set

- For a wide range of pulling jobs, including: bearings, alternators, generators, power steering and crankshaft pulleys, timing gears, and harmonic
- Set includes drop-forged components, which can be used in a variety of combinations. Contents of Set: 2 - Forcing Screws (Live Center): 3/4"-16 x 6-11/16" and 3/4"-16 x 5" 2 – Cross-bar Yokes: 3 pin-hole @ 3-1/4" to 5-1/2", 2 pin-hole @ 2-3/8" to 3-3/8" 2 – Clamp Bolts 3 – Pairs of Puller Jaws: 1-3/8" Max, 1-5/8" Max, 1-3/4" Max 1 – Pair of Jaw Pins with Ball Spring 3 – Pairs of Capped Bolts
- Spread: 3" to 5", Reach: 1" to 2-1/4"
- Housed in a blow-molded plastic storage case.



4526

Heavy-Duty Single Pressure Beam Bearing Splitter Set

- Single point of adjustment allows quick attachment of splitter to the application.
- Pressure beam provides the ultimate in secure gripping surface.
- Push Puller is thread matched to the splitter. · Interchangeable legs shorten or lengthen the
- Designed of high quality tool grade materials for a lifetime of use
- For use on most bushing or bearing jobs up



Blind Hole Bearing Puller Set

- pulling jobs requiring an internal pull
- Set includes four collets, which fit a wide range of applications. Select the appropriate sized collet by comparing it with the application. Insert the collet, expand it to fit the hole, then attach the slide hammer. Four collet sizes: 7/16" to 1/2", 9/16" to 11/16",
- 5/8" to 1", and 1" to 1-1/4".
- Set includes a 2-1/2 lb. slide hammer with a T-handle.
- Housed in a blow-molded plastic storage case.

8330







Resurfacing Grinder - Medium

Can resurface up to 400 hubs before

replacement of media is required.

Recommended for up to 1500 RPM.

Cleans dirt, rust, and corrosion from many

wheel edges, and other large surface areas.

surfaces including hubs, rotors, inside



0 10





ROBINAIR.





Fuel Injection Kits

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 GMTBI, 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.



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.

MUSCLETOOLS Wheel Service / Shop Equipment

28" Swing Arm Tire Changer

Bosch Tire Changers Engineered Smart

The TCE4275 is a highly durable swing arm tire changer with a wide range of features designed to provide maximum performance and speed when changing even the most difficult passenger car and

The 4275 family of tire changers feature a 2-speed turntable which allows for exact torque when needed, and only requiring a 110V electric circuit. The motor can be reduced to 7 RPM's for finesse when handling more challenging tires and 15 RPM's when more speed is required.

When equipped with the special helper arm assembly, the bead press device and bead roller operate independently yielding more control from two points of contact, providing precise control of the operation.

- Helper Arm Device The bead press device and bead roller operate independently yielding more control from two points of contact.
- 2-Speed Rotating Turntable Allows for exact torque when needed, and only requires a 110V electric circuit
- Large Clamping Capacity Maximum capacity of 28
- 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.
- 4-Point Adjustable Bead Breaker Performs up to 40% better than benchmark competition This optimizes force and speed resulting in less demand for air consumption.



Available Models	
TCE4275E	Swing Arm Tire Changer 28" 2 Speed Electric Turntable
TCE4275EH	Swing Arm Tire Changer 28" 2 Speed Electric w/ HelperAssembly
TCE4275EHC	Swing Arm Tire Changer 28" 2 Speed Electric Turntable w/ Ergonomic Bead Breaker & Helper Assembly
TCE4275AH	Swing Arm Tire Changer 28" Air Turntable Helper Assembly
TCE4275AHC	Swing Arm Tire Changer 28" Air Turntable Helper Assembly w/ Ergonomic Bead Breaker
TCE4275EC	Swing Arm Tire Changer 28" 2 Speed Electric Turntable, Ergonomic Bead Breakers
TCE4275A	Swing Arm Tire Changer 28" Air Turntable
TCE4275AC	Swing Arm Tire Changer 28" Air Turntable w/ Ergonomic Bead Breaker

OCL8850

Bosch On Car Brake Lathe Faster, Better, Stronger,

Efficiently corrects lateral runout, DTV (disc thickness variation) and produces a superior finish versus competitive models.

- Standard adapters for 95% vehicle coverage in standard package.
- Delivers the industry's most accurate and precise results for finishing rotors.
- Bidirectional drive unit, eliminating the need to "flip" the lathe.
- · Design saves time, eliminates need for full disassembly
- Compact design fits in tight wheel wells.
- Mounts to the same machined surface as caliper.



Shop Equipment



5300

OTC Stinger 3-Ton Jack Pack

This jack pack includes a 3-ton service jack (5303) with lifting range of 5-3/4" to 18-1/2" and a pair of 3-ton jack stands (5372) with a base o 8-1/4" x 7-1/2" and height range of 12" to 17-11/16"

2-1/4 - / 3-Ton Hydraulic Service Jacks

- · Flanged upper body edge increases strength to resist twisting.
- Built-in safety overload system/ prevents use beyond their rated capacity.
- Rear swivel casters, for easy maneuvering and positioning.
- These jacks have 4" saddle dia., 21" overall reach. 6-1/2" frame height, 39-1/2" handle length, and a floor space of 13-1/2" x 24-1/2".

2-1/4-ton capacity with a lifting range of 5" to 18".



3-ton capacity with a lifting range of 5-3/4" to 18-1/2"



Bottle Jacks







- · Base, pressure cylinder, and oil reservoir form one internal part, which results in a stronger jack
- Piston never contacts cylinder, so pressure will be absorbed and not damage jack if vehicle tilts.
- The No. 5213T is telescopic, allowing for very low initial height with high lifting.

1733A

3-Ton Capacity Ratcheting Jack Stands

- · These jack stands feature a formed steel frame for strength and long life, and rolled base edges that resist sinking into soft ground or asphalt.
- Height range of 12-1/2" to 18-1/2". Recessed column
- saddle for acceptance of vehicle panel rail (pinch weld)
- Dual purpose handle serves as carrying
- handle and column release. Investment cast rack bar for long life strength.
- Covered by OTC Lifetime Marathon Warranty®



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



Hydraulic Flow Testers

50 and 75 GPM hydraulic oil flow testers accurately measure oil flow, temperature, and pressures against manufacturers' specifications. Troubleshoot hydraulic circuits and isolate faulty components on mobile equipment, machine tools, fork lifts, agricultural and industrial tractors, and equipment (open or closed) hydraulic systems with capabilities up to 75 GPM at pressures to 5,000 PSI. Models include features such as an automatic pressure compensating load valve that lets you increase flow without affecting the pressure settings. Temperature flow and RPM readings are displayed in metric or English, and accurate to within plus or minus 2% of full scale. Each tester is protected by a safety disc, which ruptures automatically if pressures exceed the upper limits.

75 GPM hydraulic circuit tester. Comes with two pressure gauges and three 9-volt batteries.

50 GPM hydraulic circuit tester with single liquid-filled pressure gauge. Includes two adapter unions for 3/4" NPTF fittings.

1532

2 Ton Capacity **Aluminum Racing Jack**

- Lifts 2 tons and weighs only 43 lbs.!
- · Dual pump pistons just five pumps gets you to maximum height of over 18 inches.
- Meets ANSI PALD, Part 10, for safety and quality.
- Low profile 3-1/2 inches makes it perfect for ground hugging, high performance cars.
- Two-piece, 45" long handle snaps together.
- Removable, rubber saddle pad protects vehicle and prevents slipping.
- Covered by OTC's Lifetime Marathon Warranty.

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
- 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 resu Its using pin gauge measurement with approved OTC adapters and burst cycles. Actual results may vary.

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
- 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.

5025 **OTC DEF**





0.5% line graduations

32.5% Indicated Scale 15-40% Waterline & 20 Deg C

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

5281

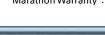
OTC DPF Thermal Processing Unit Designed to facilitate

- 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.
- Includes "pre-treat" cycle for oil-soaked filters.
- 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.

4020

Air/Hydraulic Pump

- Ideal all-around power source develops 10,000 PSI at 100 PSI air.
- Two-stage release
- mechanism; internal relief valve.
- 98 cu. inches of usable oil. Covered by OTC Lifetime
- Marathon Warranty®.









MOBINAIR.

Jactron.





Heavy Duty Equipment



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° ensures easy
- Features four swivel casters, two locking, for enhanced mobility.

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"

Distance from lift arm to floor support - 12-1/2"

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

1788B

OTC Stinger 22-Ton Capacity **Under-Axle Jack**

- · Improvements include advanced seal ring material and one-piece air piston air pump.
- Long 49-1/2" T-handle lets you easily position jack under vehicles with long overhangs.
- One pull of the handle activates the self-retracting 22-ton capacity ram without having to crawl underneath the vehicle.
- Jack has large rubber-tired wheels.
- Lifting range: 3/4" saddle 1-15/16" saddle 3-7/8" saddle

Max. height 17-3/4" Max. height 18-15/16" Max. height 20-5/8"

Cylinder stroke, 4-1/2"; extended screw length, 4-1/4"; PSI range, 90-145.



1522A

Heavy-Duty 2,000 lb. Capacity **Low-Lift Transmission**

Jack...for Class 7 and 8 Trucks

- Includes No. 220492 adapter for Eaton® Fuller® RoadRanger® transmissions.
- Pump handle rotates 360° for operator convenience: ball bearing 3.5" diameter swivel casters provide easy positioning of jack.
- Safety overload system prevents use of jack beyond its rated capacity, and a safety bypass protects the hydraulic cylinder from damage.

Overall length - 43-1/2"

Min. height is 6-7/8" Max. forward tilt - 24° Max. side tilt (either side) - 11

Max. height is 35-1/4" Max. backward tilt - 18°

Overall width - 26'







20-Ton Truck Ramps

- · Long, retractable T-handle enhances mobility.
- · Non-skid rubber matting prevents slippage
- 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



572913

Ultra-Low Profile 2-Ton Service Jack

- Minimum saddle height of just 1-7/8".
- Unique, fifth-wheel design provides effortless 360°maneuverability – literally spins on a dime!
- Featuring Polyamide casters superior to cast wheels due to their high mechanical strength and thermal properties.
- Foot pedal for quick approach of saddle to lifting point.
- Lifting range of 1-7/8" to 20-1/2". · CE certified, PALD compliant.



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".



Wheel Stud Service Kit

- Installation done by pushing on the head, eliminating the need for threaded adapters.
 - Reduces number of adapters required
 - Reduces damage to studs, hubs and bearings - Increases ease of use
- Remove and install 10 studs in only 10-15 minutes · Can be powered with an impact wrench,
- no hydraulic power source required.
- No need to remove hub from vehicle.



2,200 and 4,400 lb. Capacity **Heavy-Duty Floor Cranes**

- · To conserve valuable floor space, crane folds into a compact package for storage.
- For "close-in" work, leg spread adjusts to clear vehicle's wheels, telescoping boom extension gives additional reach. Roller bearing mounted wheels and steering dolly provide ease of mobility.
- A two-speed hydraulic hand pump provides fast boom travel; descent of boom is under precise control of operator.
- Covered by OTC Lifetime Marathon Warranty[®].

1819 – 2,200 lb. Capacity Crane. Has hydraulic hand pump and 16-7/8" lifting chain.

1820 – 4,400 lb. Capacity Crane. Has hydraulic hand pump and 18-3/8" lifting chain.

1834

25-Ton Capacity **Shop Presses**

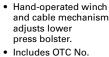
Tough, economical press is ideal for pressing rear axle bearings, piston pins, and much more. Covered by OTC Lifetime Marathon Warranty®

• 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

1834 includes air-driven No. 4020 hydraulic pump; No. 9652 gauge; No. 24815 tee; No. 9768 hose $(1/4" \ ID \times 8')$ and hydraulic ram with 6-1/4"stroke.

25-Ton & 55-Ton Shop Press

· Raise and lower bed easily on this tough. economical press that is ideal for pressing rear axle bearings, piston pins, and more.



4002 hand pump and 6-1/4" stroke ram.

1833

25-ton capacity press includes OTC No. 4002 hand pump and 6-1/4" stroke ram.

55-ton capacity press includes OTC No. 4016 hand pump and 6-1/4" stroke ram.

1845

55-Ton Capacity **Heavy-Duty Presses**

- · Side-to-side positioning of ram allows full capacity pressing along entire bolster length without buckling or bending. Covered by OTC Lifetime
- Hydraulic ram features 13" of stroke.

1845 includes single-acting ram No. 52380 with 13" stroke; No. 4044 electric/hydraulic pump; No. 9651 gauge; No. 303563 hose (3/8" ID x 8'); and pump mounting bracket.



1,500 lb. Capacity Easy Roller™

- · Provides simple and efficient method of moving a disabled vehicle around a shop environment. · Fits tread widths up to 12".
- 4 heavy-duty phenolic casters.
- 1,500 lbs. capacity per unit.
- · Hydraulic lift mechanism with locking pin.



5015A

Truck Clutch & Flywheel Handler

- Handles 14" and 15-1/2" clutch assemblies weighing up to 150 lbs.
- Lifting range of 9" to 37". Swivel casters provide easy maneuverability.
- Includes a 2" spline shaft with a 1-1/4" pilot to aid in alignment.

218174

Optional Flywheel handling attachment for use on No. 5015 and 5015A only

Optional splined shaft, 1-3/4" dia. with a 1-1/4" pilot.

Optional splined shaft, 1-3/4" dia. with a 1" pilot. Needed for clutch service on some Navistar 466 series engines.

314386

Optional 1-3/4" dia. alignment shaft extension. Used for 2-plate clutch of Navistar 466 series engine.





OTC Transfer Tanker

- · Draining oil from a large displacement engine and getting it to your bulk storage container is a snap.
- Used oil is collected in the 15-gallon reservoir, and then rolls smoothly on 4" free-wheeling casters to your storage location.
- Pump moves five gallons a minute through the 8-foot transfer hose.
- · Low profile, measures 7-1/2" from floor to top of Can also be used for transferring antifreeze.
- **5077A** Transfer Tanker equipped with an electric

pump (No. 528093). 5097 – Transfer Tanker equipped



Slack Adjust Pullers

These pullers will yank even the most corroded slack adjuster off the S-cam— and do so in just a fraction of the time needed with "heat and beat" methods. Plus, they won't damage components. Both pullers have a rugged forcing screw and cast steel body. Puller

No. 5055 fits many manual types, and the No. 5056 works on Rockwell, Haldex, Gunite, and Bendix automatic adjusters

Manual slack adjuster puller. 5056 Automatic slack adjuster puller.

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'



MUSCLETOOLS Robinair A/C Tools & Equipment

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
- · 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

75700

Coolant Exchanger

- Our 10 minute exchange process means no more waiting for the engine to warm up!
- Our "Engine Off" feature removes pulleys, belts, and fan blades from the safety equation.



75240

Coolant and **Battery Refratometer**

Coolant scale range: 32° F/0° C to -60° F/ -51° C.



75134

Econo-Clean Coolant Service Accessories

75134

Coolant test strips.

3-way heavy-duty truck coolant test strips.

Multi-Purpose and **Coolant Fluorescent Dye** MULTI-PURPOSE

(engine oil, transmission) 16244, 16245 **COOLANT** 16885, 16890







6 applications (Coolant)



75234



6 applications

(engine oil, transmission)

32 applications (Coolant)

UV Leak Detection Kits

- · The easiest and most accurate gun available today.
- No guesswork a premeasured application every time.
- pre-measure amount (1/8 oz.) of dye. No more adding too much dye.



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
- 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 an 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.

Transmission Fluid Exchanger

You can have the vehicle in and out of the service bay in less than 20 minutes! Operate through dipstick only, cooler line or a combination of the two!

- Exchange accuracy approx. +/- 1/4 qt.
- 32-qt. supply tank; 34-qt. waste tank.



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.



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.



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.



Robinair Manifolds

2-Way Brass Manifold



Dual R12/134a Kit



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 Hosea Set (1/2" ACME x 14mm)
- 72" R12 Hose Set (1/2" ACME x 1/4" MFL)

Economy Manifolds



R134 brass manifold, hose set and service coupler



49134A

R134 aluminum manifold, hose set and service couplers

Refrigerant Tanks

TIF-7610

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

50 lb. tank, 1/4" fittings (17800A,



17800-2K, 17700A, 25150, 25175, 25200B series).

IRThermometer 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).

InfraRed Refrigerant Leak Detector

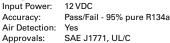
- Advanced infrared sensor designed to last a minimum of 10 years.
- Three sensitivity levels down to 0.15 oz./year.
- · Automatically recalibrates in highly contaminated areas to help pinpoint the exact location of the leak
- Won't trigger on oil or moisture.

DiscovR Refrigerant Identifier

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

Product Specifications

Refrigerant: R134a





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.



Not responsible for errors in description. / 15-89 Q3 2015 Edition, Printed in U.S.A.