

HEAVY-DUTY SERVICE

OTC  BOSCH

New 3823
ESI[Truck]
Pro level
software

UNMATCHED
DIAGNOSTICS WITH BOSCH



**KEEP YOUR TRUCKS
RUNNING WITH OTC**

Bosch ESI[truck] heavy-duty diagnostics



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

3823 ESI[Truck] Pro level software

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

Best aftermarket coverage

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

Functions and efficiency technicians need

- ▶ Fault code report for entire truck
- ▶ Automatic vehicle ID
- ▶ Read & clear fault codes
- ▶ Cylinder cut-out
- ▶ Injector actuations
- ▶ Key component actuations
- ▶ Bluetooth wireless to VCI

3824 ESI[Truck] Expert level software

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

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

- ▶ System tests (some automated)
- ▶ Leakage tests
- ▶ Injector coding and trim files
- ▶ Calibrations (including VGT)
- ▶ Adjustments and settings
- ▶ Wiring diagrams
- ▶ Technical data
 - Component locations
 - Installation spec's
 - Component Spec's
 - System operating spec's

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

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

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

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

Adapters

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
- ▶ Compatible with 3824, 3824BSC, 3823 and 3823BSC diagnostic tools



3824-10

Bosch ESI[truck] 9 Pin Adapter Cable High Speed Comm

- ▶ 9-pin heavy-duty diagnostic connector
- ▶ High-speed diagnostics communication
- ▶ Backward compatible with older black 9-pin vehicle connectors
- ▶ Compatible with 3824, 3824BSC, 3823 and 3823BSC diagnostic tools



License Renewal

3824-08

Bosch ESI[truck] License Renewal

12-Month Security Card includes one year of advanced diagnostic software for 3824, 3824BSC



Subscription

3824-08R

Bosch ESI[truck] Repair Information Subscription 3824-08R

- ▶ Fixes for +13,000 trouble codes
- ▶ Fixes for engine symptoms
- ▶ Can be added to 3824, 3824BSC, 3823 or 3823BSC diagnostic tools



Extended service contracts available for all ESI[truck] software packages

1, 2, & 3 year service contracts available. Contact ToolGuard for more information at 1-800-233-7055

High-pressure leak detection for heavy-duty system diagnostics & repair

1699500000

HPT 500 Features

- ▶ Produce leak detection "smoke" at higher pressure than standard machines (up to 20psi) for higher pressure systems
- ▶ Higher flow rate fills the system with smoke up to 5 times faster
- ▶ Ideal for finding leaks in exhaust after-treatment systems
- ▶ Test entire system, from intake to exhaust, in one 15 minute test
- ▶ High-pressure and large volume systems found in heavy-duty truck & turbocharged passenger vehicles



1699500001

HPK 200 Accessory Kit for HD and Medium Duty Applications

- ▶ Cooling system adapter
- ▶ SmokeMeister wands
- ▶ Exhaust stack retention hoop
- ▶ Power intake adapter 3.9" (2 included)
- ▶ Accessory storage case
- ▶ Halogen inspection light
- ▶ Vapor producing fluid
- ▶ Ball-end hex point L key
- ▶ Oxygen sensor port adapter



- ▶ Temperature sensor port adapter
- ▶ Pressure sensor port adapter
- ▶ Block off coupler
- ▶ Detachable 12V DC power cable
- ▶ Quick start guide

Medium and heavy-duty diagnostics for heavy-duty and aftermarket shops

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

1699200239

HDS 200 Features

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



HDS 200 Includes

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

Hendrickson Suspension



4246

Hendrickson Rear Suspension Bushing Tool Kit

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

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

4247

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

4250

Hendrickson Adapter Kit for Front Suspensions

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

NEW

4274

Hendrickson Front Suspension Bushing Tool Kit

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

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

4275

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

4254

Hendrickson Adapter Kit for Rear Suspensions

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



NEW

NEW

NEW

DPF Equipment

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.



5280

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.



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.



5025

Diesel Exhaust Fluid (DEF) Refractometer SCR & EPA 2010

- The OTC 5025 makes this a simple and quick process for an operator or technician to get an accurate measurement of UREA concentration in DEF or AdBlue solution.

Scale:

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.



NEW Diesel Exhaust Fluid (DEF) Transfer Equipment



4342

DEF Electric Pump Tote Kit with Dispenser Coupler

The Electric DEF Pump Tote Kit quickly transfers fluid from DEF totes. The kit includes everything needed to pump DEF into barrels for easier transport and refilling of vehicle systems. It includes the OTC 4338 Electric Pump, a manual nozzle, hoses and brackets to mount to a standard DEF tote. Additionally, it includes the OTC 4333 Dispenser Coupler to keep moisture out of the container, maintaining high levels of DEF concentration and fluid effectiveness. (Drum and tote not included.)

4341

DEF Electric Pump Tote Kit

Same as the 4342 does not include 4333 Dispenser Coupler.



4344

DEF Electric Pump Drum Kit with Dispenser Coupler

The Electric DEF Pump Drum Kit quickly transfers fluid from DEF totes to barrels. The kit includes everything needed to pump DEF into barrels for easier transport and refilling of vehicle systems. It includes the OTC 4338 Electric Pump, a manual nozzle, hoses and brackets to mount to a standard DEF tote. Additionally, it includes the OTC 4333 Dispenser Coupler to keep moisture out of the container, maintaining high levels of DEF concentration and fluid effectiveness. (Drum and tote not included.)

4344

DEF Electric Pump Drum Kit

Same as the 4344 does not include 4333 Dispenser Coupler.



4339

Air Operated DEF Pump

OTC's Air Operated DEF Transfer Pump uses compressed air to pump and quickly move DEF and other fluids. It is designed to be mounted to drums from 15 to 55 gallons using its built-in 2" bung adapter. A versatile and industrial design enables the pump to also move engine oil and antifreeze without damage.



4337

Rechargeable Electric Pump

This Rechargeable DEF Transfer Pump makes dispensing diesel exhaust fluid easy in remote locations. A flow rate of 6 gallons per minute with a charge that lasts 15 minutes can transfer up to 90 gallons on a single charge. It is lightweight and easy to use with drums or totes with a telescoping inlet tube and flexible hose. Included with the pump is a one-hour quick charger, a lithium-ion battery and a manual nozzle.



4338

Electric DEF Transfer Pump

The 115 volt 3.0 amp electric DEF pump can pump at a rate of 9 gallons per minute for 30 minutes for more heavy usage. Generating .5 horsepower with speeds up to 2850 rpm, the pump can quickly move up to 270 gallons in 30 minutes. Lightweight construction makes it easy to transport while still being capable of withstanding rain and is engineered to pump water and antifreeze in addition to DEF.



4336

Hand Operated DEF Pump

The lever-action barrel-style hand pump pulls DEF from 15 to 55-gallon drums with a 2" opening without any electricity or compressed air. The hand-operated pump is ideal for low-volume DEF transfer in the field or the shop. A lightweight and durable design features a long telescoping inlet tube and flexible outlet hose. The multi-purpose design can also be used with engine oil, antifreeze, and windshield washer fluid.



4340

Air Operated Double Diaphragm DEF Pump

The Air Operated Double Diaphragm DEF Pump makes quick work of large-volume DEF transfer. It easily installs on most containers or free-floating in fluid. A versatile design can transfer contaminated liquids when cleaning out pits and, when properly installed, is capable of submersed operation. It can also pump antifreeze, ethanol and waste water.



4335

Auto Shut-Off DEF Nozzle

A dual-mode automatic DEF control nozzle that can be held open manually or locked to control flow of fluids. It will automatically shut off once the DEF level in the tank reaches the outlet discharge spout to avoid spilling or overfilling. It has a heavy duty stainless steel cast body with a polyamide cover for durability and protection. It can also be used with other water-based fluids and E85.



4333

DEF Dispenser Coupler

The reusable DEF Dispenser Coupler helps maintain diesel exhaust fluid concentration and purity by preventing contamination. It connects and disconnects easily from compatible containers including 55-gallon drums and DEF totes. Viton seals nearly eliminate leaks and stainless steel construction provides extra durability and reliability.



4334

Digital Turbine DEF Flow Meter

OTC's DEF Digital Turbine Flow Meter accurately measures fluid volume transferred for DEF, windshield washer fluid and other water-based fluids, even in severe weather conditions. It is designed for measurement in-line or end-of-line when used with a dispensing nozzle. The digital display shows fluid transferred in quarts, pints and gallons and uses two AAA 1.5 volt batteries. Polyamide construction ensures a strong and protective housing for durability and a long work-life.

TIRE SERVICE

5713

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 a 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.

- The Tire Bead Seater is equipped with unique configurations that enhance ease of use, productivity and safety for technicians looking to get the job done right every time.
- Unlike other options out there, the Tire Bead Seater's ASME certified 13-gallon tank is designed with a nozzle and valve connected via hose assembly, giving the user more control rather than requiring them to hold the weight of the tank.
- The trigger style discharge valve allows for optimum airflow control while allowing both hands to firmly hold the nozzle/valve assembly, critical for effective and safe use. Wheels and handle function in either the vertical or horizontal position for easy mobility and storage.
- Unique nozzle design significantly reduces "blowback recoil" and contains discharge holes strategically placed for optimum inflation of a wide range of the tire sizes and wheel diameters.
- Air valve included for filling tank, which also provides compressed air for filling the tire while seating the bead, optimum for on-the-road service.



5702

Tire Bead Seater

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

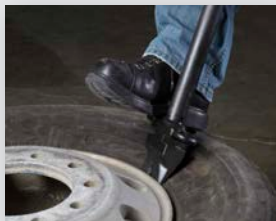
- The trigger style discharge valve allows for optimum airflow control while allowing both hands to firmly hold the tank/valve assembly, critical for effective and safe use.
- Unique nozzle design significantly reduces "blowback recoil" and contains discharge holes strategically placed for optimum inflation 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, and relief pressure valve for safety.

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.



5735-PACK

Tire Spoon Pack with Hang Rack

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.



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.



5731

Tire Bead Locking Pliers

- Prevents the tire from slipping while mounting the top bead.
- Quick and easy universal clamping design.
- Rugged rubber coated jaw to protect wheel finish.
- Prevents tire from contacting costly TPM Sensors.



5732

Tire Spoon Holding Pliers

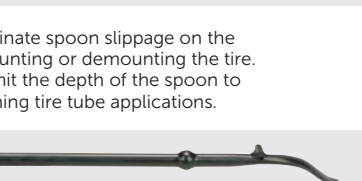
- Tire Spoon Holding Pliers is the 3rd hand needed to ease mounting and demounting of tires with tire spoons.
- Quick and easy universal clamping design.
- Rugged rubber coated jaw to protect wheel finish.



5733

Tire Bead Wedge Pliers

- Tire Bead Wedge Pliers keeps the tire in the bead drop area to ease mounting and demounting of larger truck and agricultural tires.
- Quick and easy universal clamping design.
- Rugged rubber coated jaw to protect wheel finish.



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.

5735-35 **Double End Curved & Flat Tip Curved Tire Spoon, 35"** Double end curved tire spoon. Handle knob enables easier spoon pick up. 3/4" diameter.

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.

5736-24 **Curved Tire Spoon, 24"** Handle knob enables easier spoon pick up. 3/4" diameter.

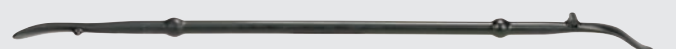
5736-24G **Curved Tire Spoon with Grip Grooves, 24"** Handle knob enables easier spoon pick up. 3/4" diameter.

5736-30 **Curved Tire Spoon, 30"** Handle knob enables easier spoon pick up. 3/4" diameter.

5737-30 **Flat Tip Curved Tire Spoon, 30"** Handle knob enables easier spoon pick up. 3/4" diameter.

5739-24 **Curved Shank Tire Spoon, 24"** The curved shank allows improved access for the spoon head around the tire bead or wheel rim. Handle knob enables easier spoon pick up. 3/4" diameter.

5739-30 **Curved Shank Tire Spoon, 30"** The curved shank allows improved access for the spoon head around the tire bead or wheel rim. Handle knob enables easier spoon pick up. 3/4" diameter.



OTC Equipment



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.



218174



314386

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 & 5015A only.

48625

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

440533

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.



5018A

Truck Clutch and Flywheel Handler

- Replaces 14" & 15-1/2" clutch assemblies weighing up to 250 lbs.
- 13" low point enables access below side faring.
- Linkage raises load from horizontal to vertical position.
- 360 degree swivel head.
- Covered by OTC Lifetime Warranty®.

516160 Optional flywheel handling attachment

515686 Optional splined shaft, 1-3/4" dia. with 1-1/4" pilot

516159 Optional splined shaft, 1-3/4" dia. with 1" pilot



5130

OTC 1,000 lb. Capacity DriveMaster™ Driveline Lift

- Low profile of 7".
 - Lift range: 23" to 30".
 - Pivoting pump handle +/- 15° tilt in each direction.
 - Includes 553516 differential mounting adapter. Mounts easily using existing bolt patterns.
- Fits the most common differentials currently in use on Category 7 and 8 Heavy Duty Trucks. Including: Eaton, Fuller, Rockwell, Meritor, Spicer, International, and Mack.
- CE certified, PALD compliant.



1590

10-Ton Air Lift

- Adjustable lifting saddles and an extra wide stance for extra stability.
- 10 tons of lift at 200 PSI air pressure.
- Lifting range is 13" to 52".
- Automatic mechanical safety catch engages in five height positions.

5292

27.5-Ton Capacity Under-Axle Jack

- Features class-leading 27.5 ton capacity.
- Robust design with completely sealed piston.
- New lever design and pneumatic release valve for more precise release control.
- Power return allows lowering with no load.
- Includes two height adapters for flexibility.
- PALD compliant.
- Minimum retracted height (with saddle only): 8-1/4".
- Maximum extended height (with screw extended and large adapter): 21-3/8".
- Stroke: 4.9375".
- PSI range: 90 to 175.





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 Warranty®.



4295

Wheel Stud Service Kit

- Works on most hubs for installation and removal.
 - All sizes of studs.
- Installation done by pushing on the head, eliminating the need for threaded adapters.
 - Reduces number of adapters required
 - Reduces damage to studs
 - Increases ease of use
- Remove and install 10 studs in only 10-15 minutes (compare to 20-30 minutes for more expensive competitive products).
- Can be powered with an impact wrench, no hydraulic power source required.
- No need to remove hub from vehicle.
- Reduces risk of damage to hubs, studs, and bearings when using tool.
- Weighs only 12 lbs., assembled to remove studs and 14 lbs., assembled to install studs.



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.



5038

Brake Anchor Pin and Bushing Service Set

- With the No. 5038, there is no need to remove the bearing hub assembly just to replace the pins and bushings on 16-1/2" S-cam trailer and tractor "Q" brake systems. Much less complicated and time consuming!
- Special tooling and our C-frame press get you past the hub assembly, so you can do the job quickly and professionally without damaging other parts.
 - Includes everything needed for removal and replacement.



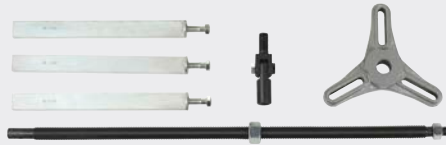
7180

Universal Bearing Cup Installer

This handy, adjustable tool is designed to install wheel-bearing cups in a wide range of heavy-duty axles. Simply adjust and lock the jaws to the cup I.D., slip on the new cup, set it in the bore, and drive it in with a hammer.

The tool helps eliminate the damage caused by makeshift methods.

- Works on axles from 11,000 to 50,000 lb.capacity.
- Adjusts to fit 3-5/8" to 6-1/2" O.D. bearing cups, which adds up to as many as 30 individual drivers.



1200

Manual Sleeve Puller Set:

This manually operated, screw-powered device removes cylinder sleeves from most truck, bus, and tractor engines. Adapter plates (not included in the set) accommodate a wide range of bore sizes. The puller enables one technician to handle sleeve-pulling tasks.

Note: Not recommended for MACK engines.



5057

Clevis Pin Press

Removing corroded clevis pins from a brake air-chamber push rod can be a maddening and time-consuming task— unless you're using our clevis pin press. This handy screw-operated tool applies the force just where it's needed. The pin is easily removed from its hole without damaging nearby components.



9850

Truck Wheel Bearing Locknut Sockets (6-pt.)

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



9851

Wheel Bearing Locknut Sockets (8-pt.)

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



9852

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

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

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

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

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



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.
- Locking plier design with specially coated jaws apply maximum grip on the lug nut caps without damage.

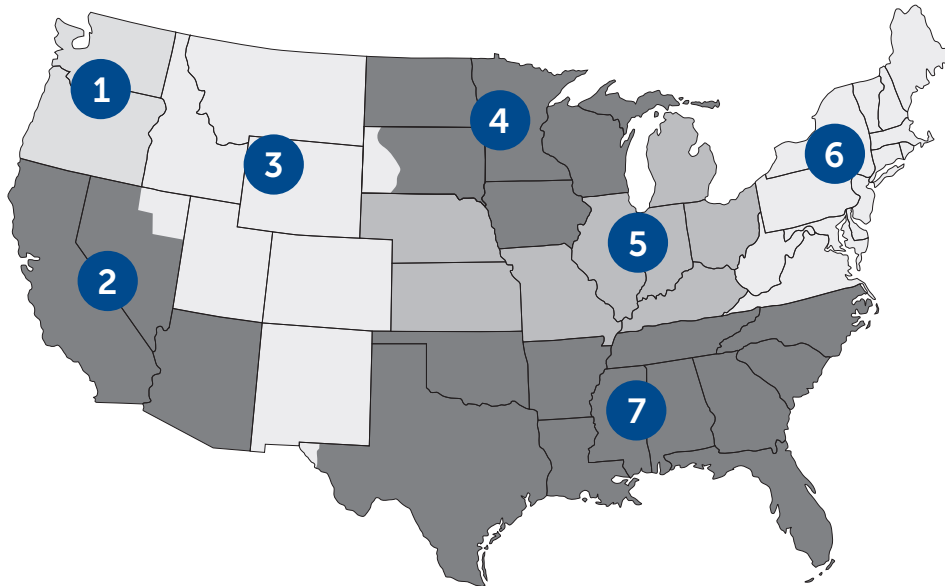


5047

Lug Nut Cap Remover

- Remove chrome-plated lug nut caps from heavy-duty trucks and trailers
- Coated jaws won't slip off caps for fast, damage-free removal

BEST-IN-CLASS FIELD SUPPORT



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Patrick Brewer
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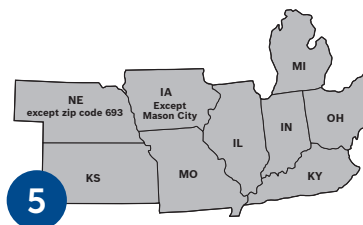
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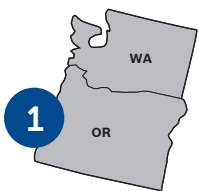
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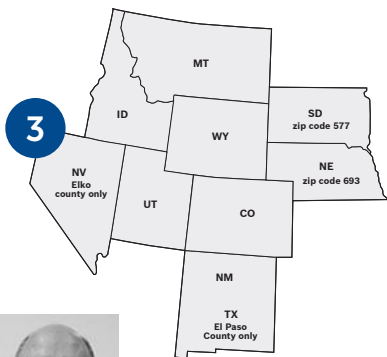
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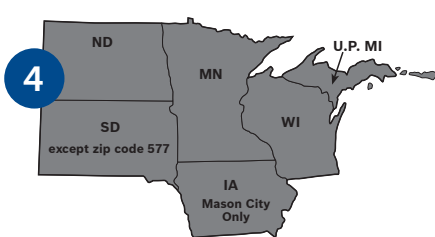


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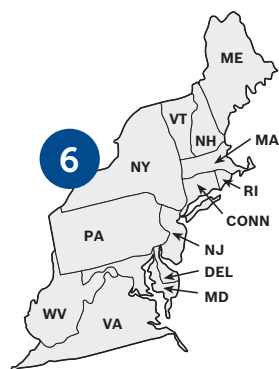
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OTC HD Spindle Adapter

5091

HD Spindle Adapter

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



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

34888HD

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

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



17800C

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

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



Features

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 system

Visual & Audible Alarm: Notifies the user when service is complete, or if a problem has occurred

Nitrogen Port: Inject nitrogen into the vehicle's A/C system to dry or leak check the system

Automatic Air Purge: Eliminates system-damaging air without monitoring gauges or opening valves

Vacuum Feature: Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed

Removal External Tank: The ability to switch tanks when performing multiple recoveries on large mobile A/C systems

Display: Multilingual

Refrigerant Management System: Displays refrigerant use and monitors remaining filter life. Prompts appear when 1/3 of filter life remains

Refrigerant Charging: Select a charge mode from high or low side, or use both sides

Optional: Printer

Specifications

Voltage	115VAC, 60Hz (17800C), 230VAC, 50Hz (17801C)
Operating Temp Range	50 to 105° F (11 to 41° C)
Recovery rate	Vapor, 0.5 lbs./min and Liquid 1 lbs./min
Vacuum Pump	5.0 cfm at 60 Hz
Hose length	18 ft. (5.5 m)
Recycling filter	300 lbs. refrigerant capacity
Dimensions	47" H x 26" W x 30" D
Certification	UL 1963, UL STANDARD FOR SAFETY REFRIGERANT RECOVERY/RECYCLING EQUIPMENT
Weight	230 lbs. (without tank)