

MUSCLE TOOLS Q3 2024 EDITION

# HIGH TECH TO HARD TECH

 **BOSCH**  **ROBINAIR**  **OTC** *The most advanced diagnostics, tools & equipment*

Exclusive Promotion  
for DCU 100  
Tablet Owners

Save big when you  
upgrade your DCU  
100 tablet to the  
latest HDS 1000  
tablet (3824A-TBL)



Save up to \$1000  
[See page 3](#)



Buy a Bosch ESI[truck] 3824A  
Heavy Duty Diagnostic Scan  
Tool and receive a free 28"  
Blackstone® Griddle



**FREE**  
Blackstone  
Griddle  
\$499 value



[See page 3](#)

## EXCLUSIVE PROMOTION FOR OTC ENCORE SCAN TOOL OWNERS



[Learn More](#)

You could be eligible for a **FREE ADS 525X** scan tool or a \$500 rebate when you upgrade  
Scan the code and enter your Encore serial number to get your exclusive offer

## OTC TOOLS TO BEAT THE FLAT RATE



**CA7149 Ball Joint  
Connected Adapter  
Starter Kit**

Work smarter, not harder.  
[Scan to see it in action](#)



**4579 Slide Hammer  
Puller Set**

Features a 5 lb. hammer in  
polished chrome finish  
[Scan to watch the video](#)



Quickly diagnose  
variable displacement  
compressors

**EVDC100  
Electronic Variable  
Compressor Tester**

[More on page 7](#)

#BoschSolves

# Solving a vehicle with a leaky purge solenoid

Case Study: A customer came into the shop with a VW that's getting low MPGs with a check engine light. We identify the problem and find the fix using the ADS 625X scan tool, OTC 8260M Master Hook and Pick Set, Bosch SMT 500 Leak Tester, and Bosch Canister Purge Valve.



See the solution from  
#BoschSolves  
[Watch the video](#)

## Featured and compatible products



**3975**

**Bosch ADS 625X  
Diagnostic Scan Tool**



**SMT500**

**Bosch SMT 500  
Leak Tester**



[Learn More](#)

**Bosch Canister  
Purge Valve**



**8260M**

**OTC 8260M Master  
Hook and Pick Set**

See how #BoschSolves real-world problems  
technicians see in their shop every day



Watch the video series  
Visit [boschdiagnostics.com/  
bosch-solves](https://boschdiagnostics.com/bosch-solves)



The Bosch ESI[truck] platform is unlike any other in the industry, taking heavy duty diagnostics to the next level.



Over 50 specialty cables available for exclusive coverage of OHW vehicles

- 3824A**  
**ESI[truck] Heavy Duty Diagnostic Solution**  
 Truck, engine, and system coverage
- HDS 1000 10" touchscreen Windows® 10 tablet
  - Ruggedized drop-tested tablet designed for the garage environment
  - Enhanced bidirectional controls
  - Injector coding, forced DPF regen, VGT relearning, special tests, component actuations & more
  - Proprietary ESI[truck] software saves valuable labor time with intuitive software – scan procedures the same for a Sprinter van to a Terex Titan dump truck
  - All-in-one subscription unlocks access to full color-wiring diagrams, live data stream, and repair information for all makes and models
  - All diagnostic functions continue after subscription expiration\*

- 3824CBL-UPG**  
**ESI[truck] Off-Highway Upgrade Cable Kit with Introductory Software License**
- Add off-highway vehicle and machinery coverage for multiple manufacturers to your 3824A ESI[truck] scan tool.

- Kit contents:**
- 10 cables for machinery, construction equipment, agricultural vehicles and more
  - ESI[truck] off-highway software package with full diagnostic capabilities. Introductory off-highway software expires when your ESI[truck] heavy duty truck software expires
  - Software renewals can be done simultaneously, ensuring continuous HD truck and off-highway vehicle coverage



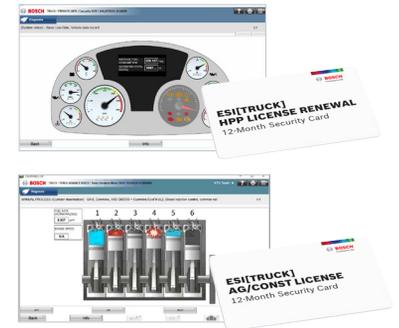
- 3824A-TBL**  
**Heavy Duty Tablet Upgrade**
- Everything you need to upgrade an existing 3824 ESI[truck] Tablet to the new and improved 3824A model
  - Windows 10 Touchscreen tablet

- 3824BSC**  
**ESI[truck] Software and Adapter Kit**
- Includes the ESI[truck] platform features, adapters, software, and coverage for use on your own Windows 10 device
  - ESI[truck] diagnostic software with the functions and aftermarket coverage techs need, RP1210 Data link adapter, 6 and 9 pin cables, and HD/OBD II cables



- 3824-08R**  
**Troubleshooting & Repair Subscription**
- Faster, more efficient heavy duty vehicle repairs
  - 13,000+ procedures guide user through each step to troubleshoot vehicle issues
  - Procedures by DTCs or by vehicle symptoms
  - Technical Service Bulletins (TSBs) included

- 3824-08**  
**ESI[truck] 1-Year Renewal License**
- 1-Year (12-month) renewal license for existing ESI[truck] user
- 3824-080HW**  
**ESI[truck] Off-Highway 1-Year Software License**
- 12-months of off-highway diagnostic coverage, including all coverage updates
  - Used to renew initial software included with Off-highway upgrade cable kit with introductory software license



\*Applies to Truck (3824A and 3824-08) and OHW (3824CBL-UPG and 3824-080HW) Coverage

For more information on software updates and off-highway coverage upgrades, visit [boschdiagnostics.com](http://boschdiagnostics.com)

Off-highway cable upgrade kit and off-highway software only compatible with 3824A and 3824BSC ESI[truck] diagnostic tools. Customer must first purchase Off-highway upgrade cable kit with introductory software (3824CBL-UPG) prior to purchasing or activating Off-highway 1-year software license (3824-080HW)

Buy a Bosch ESI[truck] **3824A** Heavy Duty Diagnostic Scan Tool and receive a free 28" Blackstone® Griddle



Bosch ESI[truck] scan tool plus FREE 1-year software subscription

Free Blackstone 28" Griddle w/Hood & Front Shelf \$499 value



Scan code for offer details. Terms and conditions apply.



Exclusive Promotion for DCU 100 Tablet Owners  
 Save big when you upgrade your DCU 100 tablet to the latest HDS 1000 tablet (3824A-TBL)

Scan code for offer details. [Terms and conditions apply.](#)



Buy 3824A-TBL tablet upgrade and receive

**\$300** rebate



Buy 3824A-TBL tablet upgrade and 3824-08 annual software subscription and receive

**\$750** rebate



Buy 3824A-TBL tablet upgrade, 3824-08 annual software subscription and 3824-08R troubleshooting software subscription and receive

**\$1000** rebate



ADS 525X  
**3945**

ADS 625X  
**3975**

## ADSX Diagnostic Scan Tools

Extreme speed. Extreme flexibility.  
Extreme access.

- Rapid DTC scan powers all-system DTC scans
- Complete pre- and post-reporting with wireless printing
- NEW! 100% OEM-approved access to unlock secure gateway (SGW) access to Hyundai / Kia / Genesis vehicles
- SGW access to FCA (formerly Stellantis) vehicles with AutoAuth subscription
- Access to Repair Source – 100% OEM-licensed repair information library with the most expansive, reliable, and up-to-date vehicle coverage and information, right from the source
- OEM full-color wiring diagrams & enhanced bi-directional testing
- Access to Auto ID, Symptom-Assist™ Tech Tips, Code-Assist™ Top Reported Fixes
- Quick links to Identifix, Mitchell, AllData and more
- On-tool and online training videos
- All new Android 10.0S+ software with access to Google Play Store



**3920**

## 3920 VET 100 Circuit Analysis Tool

Quickly identify electrical issues in failed circuits

- Perfect tool for Data stream analysis using your scan tool
- Identify failed circuit component, wiring or PCM
- Simulates the sensor you are diagnosing by inputting a determined voltage at the sensor location
- Allows input voltage from .5VDC -7VDC in .5VDC increments
- Use your scan tool to verify if correct voltage is being applied to circuit
- Bypass sensor to send desired voltage back to PCM
- Works with 12V and 24V systems with vehicle voltage displayed. Also includes a “flashing” low battery voltage indicator



**3990**

## OTC 1000V CAT III Hybrid Multimeter with Insulation Resistance Test

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

### Features:

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

NEW



**BAT6120-US**

## BAT 6120-US

Battery Charger & Power Supply

- High-Power 12 V Battery Charger and 120 Amp Power Supply.
- Supports and maintains 120 A DC Continuous Output (@AC120 V~240 V, 25°C)
  - Important for late model vehicles which have higher current requirements to maintain stable power supply during programming
  - Supports Flooded/AGM/EFB/GEL/Lithium (LFP) batteries
  - 12 V Lead Acid Battery Charge. Charging Diagnosis / 12 V Lithium Battery Charge, BMS Wake Up
  - Maximum power output: up to 1750 W
  - Flexible operation modes to fulfill customer needs
  - Fits neatly on a desk, bench, or showroom floor. Also wall-mountable



**3926**

## BAT 35

Vehicle Computer Memory Saver

- BAT 35 maintains the memory of the on-board vehicle computer to prevent losing memory settings when you disconnect a battery.
- Retain computer memory and on board memory sets such as: keyless entry codes, seat memory, digital radio settings, clocks, car alarms etc.
  - Includes 12V, 7amp hour lead acid, sealed battery for long life expectancy
  - Six LED indicator lights, three for charging functions and three for power storage conditions for ease of use
  - Built-in OBD II cable for vehicle power supply while vehicle battery is disconnected



**BAT155**

## BAT 155

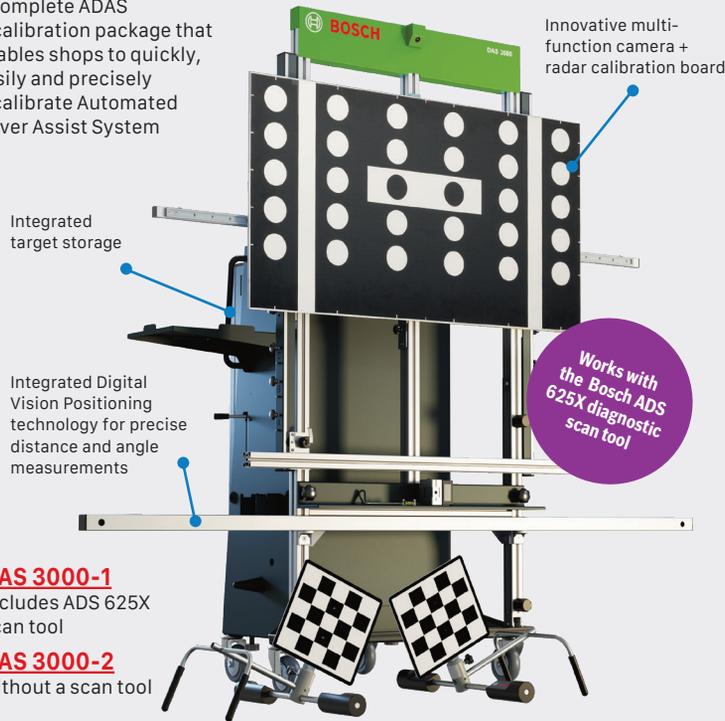
Heavy Duty Battery and Electrical System Analyzer

- 100 - 6,000 Cold Cranking Amp (CCA) Test Capacity
- Enables Testing Battery Packs (Multiple Batteries connected together) in the vehicle
- Infrared Temp Sensor for measuring battery temp (increases accuracy of CCA measurement)
- Optional Amp Probe and Voltmeter
- Tests 6V, 12V batteries and 12V, 24V charging systems

## ADAS Recalibration System

### DAS 3000

A complete ADAS recalibration package that enables shops to quickly, easily and precisely recalibrate Automated Driver Assist System



**DAS 3000-1**  
includes ADS 625X scan tool

**DAS 3000-2**  
without a scan tool

### Calibration Mats

Brand specific equipment for the proper calibration of the Rear and Surround View cameras according to the OEM specifications implemented by Bosch routines and workflows.

#### Near Range Camera Systems for Volkswagen group



Calibration set for 360° Cameras Generation 2:  
**CTA 500-1**



Calibration set for Rear Camera:  
**CTA 501-1**

#### Near Range Camera Systems for Mercedes-Benz



Calibration set for Rear Camera:  
**CTA 511-1**

## Leak Testers

Safe and cost-effective leak detection solutions for passenger and heavy duty vehicles



**SMT 500**

### SMT 500 Portable Leak Detector

- On Board Air compressor eliminates need for shop air or inert gas tank during use
- Variable flow control detect leaks as small as 0.01" in sealed systems
- Pressure decay testing
- Compact, lightweight design (ultra-portable at 11 lbs)



**SMT 300**

### SMT 300 LeakTamer II EVAP & Diagnostic Smoke Machine

- Multi-purpose tester designed not only for EVAP testing but for leak detection in any low pressure closed system including oil leaks, exhaust leaks, wind leaks, water leaks, EGR leaks and many more
- Fully featured machine with graduated smoke flow control valve, air flow meter, and pressure/vacuum decay gauge
  - Full complement of accessories and storage case included



**169950000**

### HPT 500 High Pressure Leak Tester

- Produces 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 and turbocharged passenger vehicles

## TPA 300 TPMS Programming Tool



**3934**

- Activate and read TPMS sensor data, program sensors, check remote keyless entry signal and display sensor data in seconds
- Perform OBD II relearns within minutes when paired with a compatible Bosch manufactured diagnostic scan tool
- Full database of indirect, manual and auto relearn procedures
- Intuitive, full-color display with easy vehicle lookup by make, model and year
- Supports all known OE and aftermarket programmable sensors for all light vehicles
- Includes 3 years of software updates for the latest features and coverage

# Are you missing YF revenue?



## What do I need to service R-1234yf systems?

- › A new machine meeting SAE J2843 standard; Robinair's [AC1234-4](#) or [AC1234-9](#)
- › A new leak detector meeting SAE J2913 standard; Robinair's LD3, LD5 or LD7
- › A syringe-type oil injector to inject oil back into the system; Robinair's 18465
- › Optional tracer gas leak detector to reduce cost searching for leak; Robinair's LD9-TG

[AC1234-9](#)  
[Connected](#)

### A New Leak Detector

Your existing leak detector may not recognize R-1234yf, meaning you may not catch an expensive refrigerant leak. Invest in one that meets SAE J2913 and J2791 standards.

- › LD3 leak detector automatic calibration and audible alerts
- › LD5 leak detector with bar graph mode and color display
- › LD7 premium leak detector with bar and pinpoint graphing modes and detects both R134a and R1234yf.



LD7 shown

### New Syringe-Type Oil Injectors

1234yf systems have different fittings and couplers, requiring a new syringe-type oil injector to put oil back into the system. Current SAE standards for 1234yf service does not allow automatic oil injection on a machine.

- › 18465 PAG-labeled 1234yf injector for low-voltage systems in gas and diesel vehicles
- › 18470 POE-labeled 1234yf injector for electric and hybrid vehicles



18465 shown



**80211TMP**  
Bluetooth temp probes master kit

- Read and track temperatures from multiple locations from your A/C machine
- Use up to 2 probes per compatible Robinair machine
- Enables WiFi and Bluetooth capabilities on NI and AC1234-4 machines

**80211VCI**  
VCI master kit + database

- Enables WiFi and Bluetooth capabilities on NI and AC1234-4 machines
- Wirelessly gather and transmit vehicle year, make and model info to your compatible Robinair machine
- Includes current-year refrigerant capacity database to quickly determine correct refrigerant charge, oil type and oil capacity
- Also reads generic OBDII codes to help troubleshoot A/C system issues

**New 2024 A/C system capacity databases**

- Confirm AC system charge capacities directly from your Robinair card for R-134a and R-1234yf systems, sold separately
- Includes charge amounts and component oil capacities for vehicle model years 1999 – 2023 using R-134a refrigerant and vehicle model years 2013 – 2023 using 1234yf refrigerant
- Database helps ensure the vehicle system is charged with the correct amount of oil, per factory and OEM specification

**34001** R-134a database for 34998 machine

**34412-G** R-134a database for 34288NI, 34788NI, 34788NI-H, and 34988NI machines

**R-1234yf database**

**34002** R-1234yf database for AC1234-9 machine

**34413-E** R-1234yf database for AC1234-4 machine

**34414-C** R-1234yf database for AC1234-6 machine

**What wireless accessories fit my machine?**

Non-wireless A/C Machine			Wireless Enabled A/C Machine	
A/C Machine	VCI	Temp Probes	VCI	Temp Probes
34288NI, 34788NI, 34788NI-H, 34988NI	<a href="#">80211VCI</a>	<a href="#">80211TMP</a>	<a href="#">ACS-250*</a>	<a href="#">80213</a> or <a href="#">80212*</a>
34998, AC1234-9	—	—	<a href="#">ACS-250**</a>	<a href="#">80213</a> or <a href="#">80212</a>
AC1234-4	<a href="#">80211VCI</a>	<a href="#">80211TMP</a>	<a href="#">ACS-250*</a>	<a href="#">80213</a> or <a href="#">80212*</a>

\*Use of ACS-250, 80212 or 80213 on NI or AC1234-4 requires machine first be WiFi/Bluetooth enabled using either 80211TMP or 80211VCI master kit

\*\*Database purchase required for vehicle refrigerant capacity

**Find leaks and diagnose system issues faster**

Connected accessories, leak detectors, refrigerant analyzers and tracer gas detectors for R-134a and R-1234yf service



**16995**  
R-ID Plus refrigerant identifier/analyzer

- Analyze R-134a and R-1234yf refrigerant for purity and contamination
- Prevent contaminated refrigerant from being pulled into your machine
- Includes printer to add refrigerant purity to service report
- R-134a and R-1234yf tank adapter; R-134a and R-1234yf hoses included
- Available as 16990 R-ID without printer



**EVDC100**  
A/C Electronic Variable Displacement Compressor Tester

- Control signal to variable compressor to accurately diagnose system problems
- Quickly diagnose and verify valve function, lowering total repair time and costs
- Includes connect adapters for both old and newer style compressors
- Heavy duty battery clips and cable provides power from vehicle battery, eliminating the need for batteries
- Made in the USA



**LD7**  
Premium refrigerant leak detector

- Detects R-1234yf and R-134a leaks for use on most vehicles
- Sweep, bar graph and line graph modes make finding leaks faster, easier
- Features audible detection alert, UV LED lights for use with UV dye and inspection light
- Sensor life up to 10 years for reliable leak detection
- Available as LD3 and LD5 versions



**LD9-TGKIT**  
Tracer gas leak detector service kit

- Test systems for leaks under pressure, instead of vacuum
- YF systems can hide leaks under vacuum, requiring pressure testing
- 95% Nitrogen / 5% hydrogen tracer gas mix helps find leaks faster
- Kit includes 1234yf coupler, 134a coupler, Tracer gas detector, hose and Tracer gas regulator
- Available as LD9-TG, Tracer gas detector only

### Combining Simple Operation with Superior Accuracy

These machines will test, recover and recharge R-134a and R-1234yf automotive A/C system quickly and accurately.

#### R-134a Systems

#### R-1234yf Systems



Features	34288NI	34788NI	34788NI-H	34998	AC1234-4	AC1234-9
Fully Automatic Function: Program to recover, vacuum, leak test and charge without operating panel valves.	Manual Valves	✓	✓	✓	✓	✓
Automatic fluid drain/inject	Oil drain	Oil drain/inject*	Oil drain	Oil drain/inject, dye inject**	Oil drain	Oil drain
A/C System Flush: Flushes a vehicle's A/C system with refrigerant, eliminating any residual oil or other liquid. (Flushing adapters not included)	–	–	✓	✓	✓	✓
Save & print before and after service data: Allows the user to store before and after service information by vehicle and print this information to provide to a customer.	–	✓	✓	✓	✓	✓
Visual & Audible Alarm: Notifies the user when service is complete, or if a problem has occurred.	–	✓	✓	✓	✓	✓
Vacuum Leak Test: Monitors level after evacuation, informs of possible leak.	–	✓	✓	✓	✓	✓
Automatic Air Purge: Eliminates system-damaging air without monitoring gauges or opening valves.	✓	✓	✓	✓	✓	✓
Automatic Refrigerant Refill: Maintains a user-selectable amount of refrigerant in an internal vessel and signals when it's time to change supply tank.	–	✓	✓	✓	✓	✓
Vacuum Feature: Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed.	✓	✓	✓	✓	✓	✓
Multilingual display	4.3" color LCD	4.3" color LCD	4.3" color LCD	10.5" hi-res touch screen	4.3" color LCD	10.5" hi-res touch screen
Refrigerant Charging:	Low only	High, low or both	High, low or both	High, low or both	High, low or both	High, low or both
Refrigerant Management System: Displays refrigerant use and monitors remaining filter life. Prompts appear when 1/3 of filter life remains.	✓	✓	✓	✓	✓	✓
Electric Vehicle: Capable of servicing high voltage electric compressor A/C systems.	–	–	✓	–	✓	✓
Printer	30038	30038	30038	Mopria Print Service wireless printing	30038	Mopria Print Service wireless printing
Bluetooth temp probes: Dual-zone temp recording and reporting	80211TMP	80211TMP	80211TMP	80212 or 80213	80211TMP	80212 or 80213
Bluetooth VCI: Reads YMME and refrigerant capacity	80211VCI	80211VCI	80211VCI	ACS-250***	80211VCI	ACS-250***

\* One oil bottle. \*\* Two oil bottles and one UV dye bottle. \*\*\*ACS-250 requires purchase of 34001 or 34002 database to read YMME and display refrigerant capacity

All machines use 34724 filter and 13172 maintenance kit

### Syringe-type Injectors

#### Oil injectors for YF, EV and hybrid vehicles

Use these syringe-type injectors to add oil to a fully pressurized A/C system. Fill the barrel with the amount of oil needed, connect the injector, and press the plunger. Not recommended for UV dye injection.



#### R-134a Oil Injectors

**18480** PAG labeled for gasoline and diesel vehicles

**18490** POE labeled for hybrid and electric vehicles

#### R1234yf Oil Injectors

**18470** POE-labeled 1234yf injector for electric and hybrid vehicles

**18465** PAG-labeled 1234yf injector for low-voltage systems in gas and diesel vehicles

### Refrigerant Recovery



#### 25700

#### Contaminated Refrigerant Recovery Machine

The Robinair 25700 is a contaminated recovery only device that is designed to remove contaminated refrigerant from vehicles that are equipped with R-1234yf and R-134a A/C systems.

#### 17990

#### Contaminated Refrigerant Tank Assembly



# TESTED AND TRUSTED SAFETY FOR LIFE

All jacks are covered by a limited lifetime warranty



## ONE-HANDED BALL JOINT PRESS SETUP



### CA7149 CONNECTED ADAPTER STARTER KIT

- 7 connected cups & adapters hold securely to C-frame and drive screw
- 235+ vehicle models covered, from Honda Accord to Ford F-350s
- Backwards compatible with all OTC ball joint kits and adapters



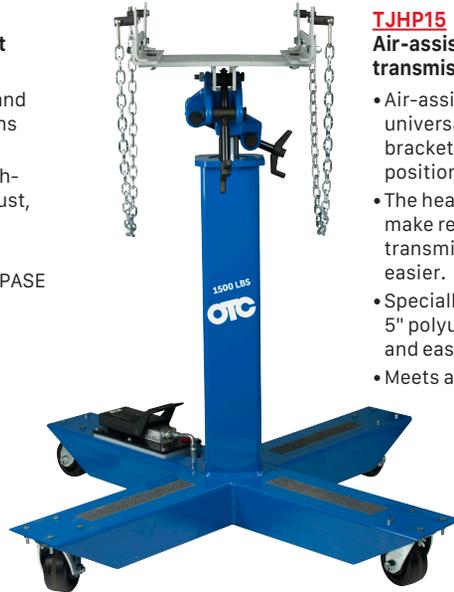
### CA6630 CONNECTED ADAPTER PROFESSIONAL KIT

- 25 connected cups & adapters hold securely to C-frame, making R&I easier
- 600+ vehicle models covered, including compact cars up to HD trucks
- Fully illustrated manual with adapter callouts, diagrams and instructions by vehicle model
- Backwards compatible with all OTC ball joint kits and adapters

## Navistar Tools and Diesel Engine Adapters



- TJH10**  
**1,000-lb Capacity High-Lift Transmission Jack**
- Tilting head for easier R&I and positioning of transmissions and other components
  - Hydraulic system uses flash-chromed rams to prevent rust, for long shop life
  - Limited lifetime warranty
  - Meets all the newest ASME PASE safety standards



- TJHP15**  
**Air-assisted 1,500-lb capacity high-lift transmission jack**
- Air-assist high-lift transmission jack with universal saddle and adjustable corner brackets and safety chains for optimum positioning of the load.
  - The head tilts front to back and side to side to make removal and installation of transmission and driveline components easier.
  - Specially designed with a wide leg base and 5" polyurethane swivel wheels for stability and easy maneuvering.
  - Meets all ASME PASE-2019 safety standards.

### Heavy Duty Engine Stand and Engine Plates



- 1750A**  
**6000 LB. Revolver Diesel Engine Stand**
- 96 to 1 ratio worm and gear set rotates components a full 360°; handle locks in any position.
  - Includes 205061 universal mounting plate for use with individual engine adapter plates.

**1750**  
**Engine stand without universal engine adapter assembly**



1750-47389  
 Detroit Diesel



1750-47366  
 Mack / Volvo



1750-47022  
 Detroit Diesel



1750-4940  
 Navistar / IH



1750-4649  
 Navistar / IH



1750-4789  
 Navistar

#### Navistar and Detroit Diesel adapters

Item	Description	Application	Brand	Component	Requires use of 205061 plate
<a href="#">1750-47389</a>	Detroit Diesel engine adapter plate	DD13 & DD15 engines	Detroit Diesel	Engine	No
<a href="#">1750-47366</a>	Mack / Volvo engine adapter plate	MP7 / D11 engines	Mack / Volvo	Engine	No
<a href="#">1750-4940</a>	Navistar / IH MaxxForce engine adapter plate	2010 - 2016 Navistar MaxxForce DT, MaxxForce 9, MaxxForce 10 engines	Navistar / International Harvester	Engine	Yes
<a href="#">1750-4649</a>	Navistar / IH MaxxForce engine adapter plate	2004 - 2009 International Harvester DT466, DT570, HT570; Navistar MaxxForce DT, MaxxForce 9, MaxxForce 10 engines	Navistar / International Harvester	Engine	Yes
<a href="#">1750-4789</a>	Navistar MaxxForce engine adapter plate	2007 - later MaxxForce 11, MaxxForce 13 engines	Navistar	Engine	Yes
<a href="#">1750-47022</a>	Detroit Diesel MBE 900 engine adapter plate	Detroit Diesel 2004 - 2007 MBE 900 engines	Detroit Diesel	Engine	No

## Safely lift and hold Class I, II and III vehicles - up to 3.5 tons



LDJA2-SET

### **LDJA2** 2-ton aluminum racing jack

- Lift compact sedans to small crossovers
- Light, sturdy aircraft aluminum with carry handles is ideal for service trucks and portability

### **SA02** 2-ton aluminum jack stands

- Pin-style jack stand for fast, secure vehicle holding
- Aircraft aluminum construction for rust-free performance

### **LDJA2-SET**

- Includes LDJA2 2-ton aluminum jack and SA02 2-ton aluminum stands

**NEW**



LDJ3-A

### **LDJ3-A** 3-ton service jack

- Ideal for utility vans, full size sedans, pickups, and SUVs

### **LDJ35** 3.5-ton steel service jack

- Safely handles large SUVs and crossovers to 3/4-ton pick-ups
- Rolled edges add strength to resist twisting for larger loads



S03

S04

### **S03** 3-ton steel jack stands

### **S04** 4-ton steel jack stands

- Ratcheting design cannot be released under load
- Formed and welded steel base with baked enamel finish for strength, corrosion resistance
- S03 and S04 sold as a pair

## Service Jacks



**LDJA2**



**LDJ3-A**



**LDJ35**

	<b>LDJA2</b>	<b>LDJ3-A</b>	<b>LDJ35</b>
Capacity	2-ton	3-ton	3.5-ton
Lifting range	3-1/4" (saddle removed) - 18-5/8"	2.95" - 20"	5.2" to 21.9"
Padded handle length	47.6"	46.25"	50" spring-loaded padded lower handle
Footprint	11.875" x 25.125"	13.5" x 28.5"	14.5" x 28.5"
Reach	72.75"	78.5"	78.5"
Saddle	4-1/2" dia., round	4" dia., steel crown	6" dia., flat steel, rubberized, pinned to lifting arm
Casters	4; 2.5" front fixed (2), 1.75" rear swivel (2)	4; 2.4" front fixed (2), 2.4" rear swivel (2)	4; 3.15" front fixed (2), 2.5" rear swivel (2)
Frame height	6"	6.1"	6.25"

## Jack Stands



**SA02** (sold as a pair)



**S03** (sold as a pair)



**S04** (sold as a pair)

	<b>SA02</b> (sold as a pair)	<b>S03</b> (sold as a pair)	<b>S04</b> (sold as a pair)
Capacity	2-ton	3-ton	4-ton
Max height	15.44"	17-11/16"	23-13/16"
Min height	9-1/2"	12"	15-1/2"
Footprint	7" round base	8-1/4" x 7-1/2" square base; welded foot pads	Square base; welded foot pads
Adjustment	Pin lock; 6 slots	Ratcheting; 11 teeth	Ratcheting; 11 teeth
Saddle	Flat-top style, 2.17" x 2"	V-notch style, 1" x 3.5"	V-notch style, 1.3" x 4.3"

### Covering the big classes for lifting it all



HDJ5

#### HDJ5 5-ton hydraulic service jack

- Designed to safely lift step vans and bucket trucks
- 3-position handle lays flat, 45° or 90° for storage and use

#### HDJ5P 5-ton hydraulic service jack with air-assist

- Same as HDJ5, with air/hydraulic assist to reduce effort to raise, lower vehicles



HDJ10

#### HDJ10 10-ton hydraulic service jack

- Ideal for bucket trucks and school buses
- Rugged steel frame and extra-large wheels for durability and strength

#### HDJ10P 10-ton hydraulic service jack with air-assist

Same as HDJ10, with air/hydraulic assist to reduce effort to raise, lower vehicles



HDJ20

#### HDJ20 20-ton hydraulic service jack

- 3-position spring-loaded handle can lay flat, 45° or 90°
- Foot and hand pump options to raise load quickly

#### HDJ20P 20-ton hydraulic service jack with air-assist

Same as HDJ20, with air/hydraulic assist to reduce effort to raise, lower vehicles

### 5, 10, and 20-ton heavy-duty jacks



#### 5, 10, 20-ton heavy-duty jacks

	HDJ5	HDJ5P	HDJ10	HDJ10P	HDJ20	HDJ20P
Capacity	5-ton	5-ton air-assist	10-ton	10-ton air-assist	20-ton	20-ton
Lifting range	6" to 22"	5-7/8" to 22"	6.3" to 22"	6-3/8" to 22"	7-1/2" to 23.8"	7-1/2" to 23.8"
Air pressure	—	80–120 PSI	—	80–120 PSI	—	80 - 120 PSI
Handle length	43" 3-position with lock and release controls	45.4" 3-position with lock and release controls	43-1/4" 3-position with lock and release controls	45.4" 3-position with lock and release controls	47-1/2", 3-position spring-assisted locking	47-1/2", 3-position spring-assisted locking
Footprint	15" x 56"	14.2" x 55.5"	18" x 60"	18.9" x 60.8"	18-1/8" x 61-3/8"	18-1/8" x 61-3/8"
Reach	47"	87"	51"	90"	110.4"	110.4"
Saddle	5-1/8" dia., round	5.1" dia., round	6" dia., round	5-3/4" dia., round	6-1/2" dia., steel crown	6-1/2" dia., steel crown
Casters	4; 4.4" fixed front (2), 2.8" mid-body swivel (2)	4; 4.4" fixed front (2), 2.8" mid-body swivel (2)	4; 5.6" fixed front (2), 3.6" mid-body swivel (2)	4; 5.6" fixed front (2), 3.6" mid-body swivel (2)	6; 4 front fixed; 2 mid-body swivel	6; 4 front fixed, 2 mid-body swivel
Frame height	7.9"	7.5"	9.8"	9.8"	10.2"	10.2"



**NEW**



**NEW**



**S06 6-ton steel jack stands**

- Ratcheting design cannot be released under load
- Formed and welded steel base with baked enamel finish for strength, corrosion resistance

**S012 12-ton jack stands**

- Pin-style stand increases contact points for increased holding strength
- Form-fit saddle and wide base ensures stability of heavy loads

**S020 20-ton steel jack stand**

- Large 15-1/2" square base safely holds up to 40,000 lbs
- Dual pin-style stand with four adjustment positions

**S022 22-ton steel jack stands**

- 11" flat square base prevents sinking into concrete or other surfaces
- Large flat base rated to safely hold up to 44,000 lbs
- Pin Style Stand with 3 adjustment positions

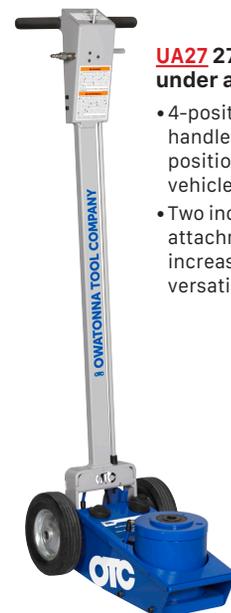
Heavy-duty stands	S06 (sold as a pair)	S012 (sold as a pair)	S020 (single)	S022 (sold as a pair)
Capacity	6-ton	12-ton	20-ton	22-ton
Max height	23-11/16"	27-1/2"	24"	19-7/8"
Min height	15-5/8"	17-1/2"	15-1/4"	13-7/8"
Footprint	11-9/16" x 10-3/8" square base; welded foot pads	12-1/8" x 10-7/8" plus-sign style flat base	15-1/2" square base	11" square base, flat for maximum ground contact
Adjustment	Ratcheting; 11 teeth	Single pin-style	Dual-pin; 4 slots	Pin-style; 3 slots in 3" increments
Saddle	V-notch style, 1.2" x 4.2"	Flat-top horseshoe style	6" dia., round steel	3" x 3-3/4" V-notch

Under-axle service jack	UA22	UA27
Capacity	22-ton	27.5-ton
Air pressure	90 - 145 PSI	90 - 175 PSI
Max height	20-2/3" with longest saddle	21-3/8" using longest saddle
Min height	8.27"	8-1/4"
Handle length	47.24" T handle with lowering lever and air-chuck hook	48-3/4" T handle with lowering lever and air-chuck hook
Footprint	22.63" x 11.73"	22" x 12"
Reach	69.87"	69.87"
Saddle	3" dia., round with center notch, includes 3 lengths	3" dia., round with center notch. Includes 2 saddle adapters
Frame height	8.27"	8.27"
Wheels	2 fixed; 7.88" rubberized steel	2 fixed; 7.88" rubberized steel



**UA22 22-ton under-axle hydraulic service jack**

- Includes 3 saddle attachments for height adjustment; 3/4" saddle; 1-15/16" saddle; 3-7/8" saddle
- Self-retracting ram activated with handle-end controls



**UA27 27.5-ton under axle jack**

- 4-position, 48" handle allows easy positioning under vehicles
- Two included saddle attachments increase lifting versatility

### New OTC Bottle Jacks

All OTC bottle jacks meet or exceed the newest ASME PASE-2019 safety standards for portable automotive service equipment. This includes a built-in safety valve to prevent overloading, and a stable base to prevent tipping if loaded off-center.

Air assisted jacks can be operated manually or with shop air. Minimum air pressure required is 100 PSI to move ram and lift objects.

**NEW**

**BT12**  
12-Ton Bottle Jack



**NEW**

**BT30**  
30-Ton Bottle Jack



**NEW**

**BT12P**  
12-Ton Air Assisted Bottle Jack



**NEW**

**BT20P**  
20-Ton Air Assisted Bottle Jack



**NEW**

**BT30P**  
30-Ton Air Assisted Bottle Jack



Bottle Jacks	BT12	BT30	BT12P	BT20P	BT30P
Capacity	12-ton	30-ton air-assist	12-ton	20-ton air-assist	30-ton air-assist
Lifting range	9-3/8" to 18-5/8"	11" to 17-5/8"	9-1/2" to 18-3/8"	9-7/16" to 17-11/16"	11" to 17-5/8"
Stroke	6"	6-5/8"	6-1/8"	5-7/8"	6-5/8"
Air pressure	-	-	100-120 PSI	100-120 PSI	100 - 120 PSI
Screw extension length	3-1/4"	-	2-3/4"	2-5/16"	2-3/4"
Pumps to extend piston one inch	21	41	21	28	41
Saddle	1-3/4"	2-1/2"	1-3/4"	2-1/8"	2-1/2"
Carry handle	Yes	Yes	Yes	Yes	Yes
Weight	18.9 lbs	43.2 lbs	16.1 lbs	19.5 lbs	43.2 lbs
Warranty	Limited lifetime	Limited lifetime	Limited lifetime	Limited lifetime	Limited lifetime



**5950D**  
Angled Wire Stripping Tool

- Unique design puts stripping dies on the angled tip
- Patented design makes for easier use in hard to reach places
- Works on 12 to 20 AWG wire



**5950A**  
CrimPro™ 4-in-1 Angled Wire Tool

- The angled feature allows access to close quarters and facilitates superior crimps
- Compact 7-inch design used 4 ways
- Gripping nose - to pull, twist, bend, and shape
- Crimper - crimps 12-20 AWG insulated and non-insulated wire
- Stripper - strips 12-20 AWG wire.
- Cutter - ability to make cuts below pivot.



**5950S**  
CrimPro™ 4-in-1 Wire Tool

- Compact 7-inch design used 4 ways
- Gripping nose - to pull, twist, bend, and shape
- Crimper - crimps 12-20 AWG insulated and non-insulated wire
- Stripper - strips 12-20 AWG wire
- Cutter - ability to make cuts below pivot

**NEW**



**4247-FR**

**Suspension Bushing Kit with Pump**

This heavy-duty suspension bushing tool replaces worn-out, rusted, and frozen double-wrap spring bushings faster and easier without heat or damage by providing a 25-ton capacity.

- The tool can be assembled on the spring and bushing without removing the assembly from the vehicle, dramatically reducing service time and not requiring the use of a shop press.
- Patent-pending design allows for unassisted assembly of the tool onto the spring, eliminating the need to hold any weight of the tool during operation. The press plates and adapters are easily installed which perfectly align the bushing to reduce the chance of misalignment and bushing damage during removal or installation.
- Kit includes Air/Hydraulic pump, 25-ton hydraulic cylinder, hose w/couplers, complete puller leg/plates, and adapter set.
- The tool and adapters included in this kit allow for service of the following applications:
- Hendrickson rear suspensions including: Primaax EX, Comfort Air and FCCC V-Ride (TM) Pivot and D-Pin suspension bushings.
- Freightliner rear suspensions including: Double and single-wrapped FAS II Airliner rear suspension bushings.

**NEW**



**4254-FR**

**Suspension Bushing Adapter Kit**

This heavy-duty suspension bushing tool replaces worn-out, rusted, and frozen double-wrap spring bushings faster and easier without heat or damage by providing a 25-ton capacity, when used with OTC service sets 4247, 4275, 4261, or 4263.

- The tool can be assembled on the spring and bushing without removing the assembly from the vehicle, dramatically reducing service time and not requiring the use of a shop press.
- Patent-pending design allows for unassisted assembly of the tool onto the spring, eliminating the need to hold any weight of the tool during operation. The press plates and adapters are easily installed which perfectly align the bushing to reduce the chance of misalignment and bushing damage during removal or installation.

The adapters included in this kit allow for service of the following applications:

- Hendrickson rear suspensions including: Primaax EX, Comfort Air and FCCC V-Ride (TM) Pivot and D-Pin suspension bushings.
- Freightliner rear suspensions including: Double and single-wrapped FAS II Airliner rear suspension bushings.
- For use with OTC service sets 4247, 4275, 4261, or 4263



**CA6636-EXT**

**Connected Adapter Ball Joint Extension**

Allows the CA6636 Connected Adapter C-Frame to be oriented in either direction by providing extra clearance for ball joint studs on the drive screw side.



**6740**

**Crankshaft Rear Seal Remover**

Save time removing crankshaft rear seals, preventing damage to the block and crank. Prying the crankshaft seal out can damage expensive engine components. This seal remover is a special puller with three jaws designed to grab the inner lip of the seal. The forcing screw attached to the center plate is used to react against the crankshaft end to pull the seal out. This eliminates damage to the block and crank that prying the seal can cause.

Applications include GM 6.6L Duramax diesel engines found in:

- 2001-Later GMT800 platform vehicles, including Chevrolet Silverado and GMC Sierra 2500HD, 3500
- 2001-Later GMT900 platform vehicles, including GMC Sierra HD and Chevrolet Silverado HD 2006-2016

Similar to OE tool #J-44641.



**6777**

**GM Duramax Injector Puller**

Assists in removing injectors from the cylinder head without damaging the injector body. Similar to OE tool #EN-49774.

Applications include 2011-later 6.6L Duramax Diesel and Isuzu engines



**5098**

**Cone Washer Removal Adapter**

The OTC 5098 is an air hammer attachment designed to break loose cone washers on floating axle dual rear wheel setups. The patented, hollow-center tool slides over the stud, making direct contact with the cone washer to vibrate it free.



**1797**

**Heavy-duty clutch adapter**

A special transmission jack adapter to handle heavy-duty clutch assemblies during service. Universal mounting slots in the base for a universal fit on most high and low-lift transmission jacks. The built-in splined adapter mount rotates easily to help align to the clutch spline and align the clutch to the flywheel.

- Includes safety strap to hold the clutch securely when maneuvering or working.
- For use with 10 and 14-splined adapters, not included. Fits OTC and other high-lift and low-lift transmission jacks



**600005**

**Splined Shaft Adapter for 5018A Clutch Handler**

Optional splined shaft adapter for Eaton Fuller UltraShift Plus Transmission, 14 Spline, 2" OD, 1.18" Pilot. For use with the OTC 5018A Clutch Handler. Includes part number 600007 clutch handler shaft adapter allowing splined shafts designed for the 5015A to be used on the 5018A.



## Shop-ready Solutions EV Chargers from Bosch

### Reduced installation cost

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- No additional networking infrastructure costs during installation

### Low total cost of ownership

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- Requires a dedicated circuit
- 17 ft Cable
- 3-year warranty



### **EV810** Level 2 Charger

- Indoor & Outdoor Use
- Fixed Mount
- 18 Ft Cable
- 3-year warranty



### **EV410** Level 2 Charger

- Indoor & Outdoor Use
- Movable
- 25 ft Charge Cable
- Made in USA
- 4-year warranty



### **EV850** Level 2 Charger

- Indoor & Outdoor Use
- Single Bollard in Stainless enclosure
- 23 ft Cable
- 3-year warranty

### **EV860** Level 2 Charger

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All Bosch EV chargers meet either UL/cUL or ETL/cETL safety standards on full units