ENGINE SERVICE TOOLS

Freeze Plug Kit

Master Freeze Plug Tool Kit

• Designed to Remove and Install Freeze Plugs Used in Liquid-Cooled Gas and Diesel Engines

00000





Throttle Depressors

Brake - Accelerator Pedal Depressor

SKU **802194 999**

- 24232
- Easy to Adjust
- Suitable for Many • Extends to 24" Diagnostic Applications

Throttle Pedal Depressor

SKU **222525** LIS48700

Scan for

Instructions

on How to Use

Stretch Belt

Mate Kit

- Holds Throttle at a Constant RPM
- Length: 40"

Belt Tools

Stretch Belt Mate Kit

SKU **544729 1999** 24388

• Easily Installs All Stretch Fit Belts

Serpentine Belt Tool

SKU **013620** 24687

- Provides Leverage and Clearance to Release the Spring Pressure and Remove the Tensioner Pulley
- Includes 4 Shallow Sockets, Sizes: 13, 15, 16 and 18 mm; and 1/2" and 3/8" Square Drive Adapters



M TOOLS

Belt Holding Tool

SKU **087299** OTC7424

- Keeps Belt from Falling Off of a Pulley During Belt Installation
- Universal Design to Fit Most Pulley Styles and Sizes
- Super Strong Magnet to Hold the Belt Firmly On the Pulley



SKU **227301** 24363

STORE STOCK • Works on Both Large and Small Pulleys

• Clamping Jaw Allows User to Position Serpentine Belt without the Belt Slipping Out of the Tool

Stretch Belt Remover and Installer

SKU **255866 7799** LIS59370

SKU **695121**

33627115

and Clearance to Release Spring Pressure and Remove Tensioner Pulley

- Unique Magnetic Faces Hold the Tool in Place on the Pulley
- Compact, One-Piece Tool Can Be Used on the Front or Back Side of the Pulley





Block Testers

Serpentine Belt Tool

Provides Required Leverage

Block Tester

SKU **695104** 33627145

• Locate Internal Combustion Leaks Quickly and Easily

• When Fluid Turns from Blue to Yellow a Combustion Leak is Present



OEM TOOLS

Test Fluid (8 Oz.) SKU **391381 999** 25739

Block Tester

STORE STOCK



Flex-Hone™ BC

Flex-Hone™ GB

3-1/2" (89 mm)

SKU **341239**

BRMGB31212

10 mm (.394")

SKU **341249**

7499

BRMBC10M18

6.4 mm (.250")

SKU **343384**

BRMBC64M24

3-1/4" (83 mm)

SKU **341232**

BRMGB31412

BRM

BRM

Engine Cylinder Hones



25041

STORE STOCK

- Range: 2" to 7" (51 mm to 128 mm)
- Spring Tension Adjusting Nut for Positive Cutting Action at All Speeds
- Supplied with 4" Medium Grit Stones

Replacement **Stone Sets**



SKU **141540** 2541C

STORE STOCK • 3 Coarse Grit

SKU **532036** 2541M

STORE STOCK STORE STOCK • 3 Medium Grit • 3 Fine Grit



2541F

SKU **532044**

3-3/4" (95 mm) SKU **341317** BRMGB33412

4-1/8" (105 mm) SKU **341325** BRMGB41812

(118 mm) SKU **341332** BRMGB45812

4-5/8"

CALL FOR ADDITIONAL SIZES

Torque Adapter

Torque Adaptor, Diesel Head Bolt, Ford 6.OL Power Stroke® Engines

499 REG. \$34.99 SKU **298191** 24208



- Eliminates the Need to Remove the Truck/Van Cab from the Chassis to Access the Rear Head Bolts Eliminates the Need to Remove the Evaporator Housing, Saving 2 Hours of Time and the Additional Cost of Refrigerant Added During A/C Recharging
- Prevents Damage to the Rear Heat Shield
- Use with OEM 27309 3/4" Drive Torque Wrench and OEM 22398 18 mm Socket

Offer Good Through December 31, 2017

OIC

OEM TOOLS

Engine Service

Ford Spark Plug Remover Kit, Triton 3V

SKU 087307 0 099

- Unique Design Helps Prevent Breakage by Locking the Plug Porcelain Core to the Plug Hex Allowing it to Turn as One Complete Unit
- Will Also Pull Plug Porcelain Core if Only Plug Hex is Removed
- Detailed Instructions to Maximize Success Rate

Works on:

- Ford 4.6L 3V V8 Engines Used in 2005-2008 Mustang, 2006-2008 Explorer
- Ford 5.4L 3V V8 Engines Used in 2004–2008
- F-Series, 2005-2008 Expedition, 2005-2008 Lincoln Navigator
- Ford 6.8L 3V V10 Engines Used in 2005–2008 F-Series 250-350-450

Fan Clutch Tools

Universal Pulley and Fan Clutch Holder

SKU **547013 6999**

- Fits Many Different Fan Clutches, Cam and Crank Pulleys with Slots or Holes
- Pin Sizes: 6 10 mm, 8 11 mm, 10 - 12 mm, 11 - 16 mm
- Adjustable Diameter: 1-1/2" 8-5/8"

Universal Fan Wrench Set SKU **080554**

LIS43600

- Use on the Most Popular Applications
- Hooked Wrench Design Holds 2 Nuts or Bolts, Allowing the Technician to Tighten/Loosen the Other 2
- Double-Sided Spanner Style Holding Wrench Will Hold Pressed on Pulleys on Many GM, Jeep and Dodge Vehicles



008899999

Fan Clutch Wrench Set

27186

SKU 110280 **7999**

- Combines OEM #27108 and OEM #27141 Into a Master Set
- Ideal for Removing Fan Clutches from Water Pumps
- Set Includes: 36, 40, 48, 54, 57, 68, 72, 76 and 83

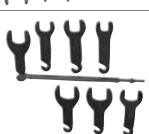


Pneumatic Fan Clutch Wrench Set

LIS43300

SKU **291409**

- Quickly Removes and Installs Fan Clutch When Repairing the Water Pump or Fan Clutch
- Set Includes Wrench Sizes: 32, 36, 40 mm; 7/8", 1-7/8" and 2"

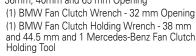


OEM TOOLS

Fan Clutch Service Set for Mercedes-Benz and BMW

sku **512958** 27224

- Removes Lock Nuts on Thermo Viscous Fans Found on Mercedes-Benz. BMW and Many Ford Models
- Includes: (1) Mercedes-Benz Fan Clutch Wrench -36mm, 40mm and 65 mm Opening (1) BMW Fan Clutch Wrench - 32 mm Opening





Clutch Tools

Flywheel Turner SKU **505066**

LIS23800

- For Turning and Holding Flexplates and Flywheels Easily Turn Engine from Underneath the Vehicle

Duramax Flywheel Lock

SKU **301613** LIS22100



Saves Time by Locking the Flywheel at the Transmission Instead of Having to Remove the Starter for Water Pump Replacement







Tool & Equipment Quarterly



Ford Cam Phaser Noise Repair Kit 4.6/5.4 3V

Adding This Kit to a 4.6/5.4L 3V Car, Truck, or SUV Can Help Ensure That Your Cam Phasers Don't Suffer Premature Failure

This Kit is a True, Long Term Repair for Ford Cam Phaser Noise.

SKU **079897** 24206

69999

- Included Timing Chain Wedge Tool Increases Ease of Installation
- Included Simple to Use Vehicle Computer Programmer with OBD-II Cable to Disable Cam Phaser Function
- One Kit Corrects Both Cam Phasers
- Cam Phaser is NOT INCLUDED

Ford Timing Chain Locking Wedge Tool (4.6/5.4 3V Engines)

SKU **012647** 24207

• For 2005-14 5.4L and 4.6L 3V

- OE Type Tool
- Allows for Easy Cam Changes without Removing the Timing Cover



Max Energy Tuning Optimizes Spark and Air/Fuel Ratio from Just Off Idle to Wide-Open Throttle. Maximum Horsepower and Torque Gains are Provided to Work **Perfectly with the Cam Phaser Kit.**

Ford Cam Phaser Noise Kit 4.6/5.4 3V with Tuning

SKU **597001** 24209

OEM TOOLS

<u>O≡M</u> TOOLS

NEW

- Includes Performance Tuning Optimized for this Kit to Produce Max Horsepower and Torque
- This Kit Also Includes Tuning Options for Airflow, TPMS, Top Speed Limit, Speed of Calibration, Rev Limiter, Shift Firmness, Shift Point, Cooling Fan On/Off Temp
- Note: Not all Features are Available in All Applications the Year, Make, & Model of the Vehicle Will Determine the Feature Set for That Application.
- Cam Phaser is NOT INCLUDED

Valve Train Tools

Valve Spring Compressor

SKU **231210** 25220

STORE STOCK • Designed for Use on Most Trucks



Push Rod Remover

SKU **459100** LIS48300

- Redesigned for Newer 3.5L and 3.6L GM Engines - Also Works on GM V6 2.8L, 3 1 and 3 4
- Quickly Removes Push Rods to Replace the Intake Gaskets without Removing Rocker Arms



• Holds the Timing Gear in Place During Removal

Timing Gear Holder

SKU **544797**

SKU **814391**

Engines

24429

24387

- and Installation and Prevents it from Moving While the Retaining Bolt is Removed • Allows the Cam Gear to Rotate to
- Align Valve Timing Marks

Valve Spring Compressor for 3-Valve Engines

• Designed to Compress the Valve Spring

• For Use with Ford 3-Valve 4.6L and 5.4L

Without Removing the Camshaft While Servicing the Cylinder Head in Ford 3-Valve

• Single Lever Locking Design is Easy-to-Use



SKU **011658** LIS36050

- For Use with Valve Stems from 4.5 to 7.5 mm and 5/16" to 3/8"
- Magnet in Tool Body Captures Keepers
- Works on Toyota 4 Cylinder and Chrysler New World Engine Applications



Makes Valve Component Disassembly and Reass Fast and Easy

and Cars with Overhead Valves

Compressor SKU **626111**

24434 • Applications: 1991-2004 Ford

Ford Valve Spring

- Works with Engine Removed or Installed, Cylinder Head On or Off
- Not for Triton 5.4 3V

OEM TOOLS

Vehicles with 4.6L, 2V, V8 Engines; 4.6 4V, 5.4 V8 and 6.8 V10

Piston Ring

Compressor

• Fits 3" to 5" Pistons

SKU **013641**

24682

Piston Tools

Parallel Lift Spring Compressor

SKU **516515** 27075

• Strong But Light Frame - Weighs Only 6 Lbs. Works with Most Valve-in Head and L-Head

OEM TOOLS

- Engines as Well as Truck and Tractor Engines • Spring Capacity: 1"- 2"
- Throat Depth: 10"

Ridge Reamer

SKU **532325**

• Capacity: 3" to 5"

(76 mm to 127 mm)

• For Use on Conventional

and Slant-Block Engines

25051

• Includes Straight and Offset Jaws

Spark Plug Sockets

3/8" Drive 14mm x 12 pt. **Spark Plug Socket**

SKU **814164** 22814





- and Removal of Spark Plugs Situated in Tight Spaces • Durable Chrome Moly Steel Construction • Overall Length: 3.75"

NEW

al-Van



NEW 22813 • Designed with a Universal Joint for the Installation

3/8" Drive 14mm x 12 pt. Spark Plug Socket - 1' Extension

- and Removal of Spark Plugs Situated in Tight Spaces
- Durable Chrome Moly Steel Construction

DOHC Cam Lock Holder

SKU **291419** 11536880 **3999**

• This Versatile Tool Easily Locks

and Holds Both Camshaft Sprockets Firmly in Place

· Preserves the Engine

Chain Replacement

Timing During Belt or

• 12" Extended Reach

LIS36880

SKU 814337 **94**99

Cam/Crankshaft Tools

STORE STOCK

• 1-1/2" Deep, Low-Friction Wrinkle Band

Ford 2.OL. 2.3L. 2.5L **Cam Tool Kit**

SKU **626108** 24448

2 Piece

SKU **238159**

STORE STOCK

• Simple to Use

Installs in Seconds

24360

• Applications: 2.0L DOHC Engines Found in 1994-2003 Ford and Mercury, 2004-2012 2.5L DOHC, 2.3L DOHC 4V and 2.0L DOHC Engines in Ford, Mercury and Mazda, and 2.0L DOHC Engines in 1993-1994 Ford Probe

Cam Clamp™ Set



OEM TOOLS

OEM TOOLS Honda **Crankshaft Pulley Holding Tool**

2999 REG. \$39.99 SKU **217379** 27176

• Holds Crankshaft Dampeners When Engines 1990 resent

OEM TOOLS



5 Piece Master

Cam Clamp Kit

• Covers Most Single, Twin Cam and Quad

· Locks Camshaft to Hold Valve Timing

During Timing Belt Replacement

SKU **383452**

Cam Engines

27210

Offer Good Through December 31, 2017 While Supplies Last

17 mm Crank Bolt Socket SKU 818785 2999 CAI 981

19 mm Crank Bolt Socket SKU 818784 2999 CAL982

21 mm Crank Bolt Socket SKU **818782 2999**

- Remove Stubborn Crankshaft Pulley Bolts Increase Working Torque Up to 50%
- Works with Any Standard 1/2" Impact



OFM TOOLS

No Special



LIS38220 • Adjusts to Fit Different Size Cam Sprockets

• Holds Cam Sprocket in Place When Removing Cam Bolt

• Works on All Single and Dual Overhead Cam Sprockets with Holes



SKU **191677** 27143

Removes or Inserts Camshaft Bearings in Nearly All Engines

• Easy on Bearings • Range: 1.125" to 2.69"

• Set Includes: Driving Shaft, Driving Shaft Extension, Expander Unit, (5) Split Driving Plugs, (2) Driving Collars and



Camshaft and Crankshaft Seal Tool Kit

• Specifically Designed to Retain Sprocket Wheels While

Maintaining Proper Timing During Belt Service

SKU **544799** 24386

- · Easily Removes and Installs Camshaft and
- Compact Puller with Unique Extracting Hooks Engage Seal for Quick Removal • Interchangeable Sleeves and Mandrels
- Allow Easy Installation of New Seal • Suits Seals from 21.5 mm - 64 mm · Sleeves and Mandrels Made from High Strength Fiber Glass Reinforced Polymer



OEM TOOLS



ersal Seal Tool Kit

Crankshaft and Camshaft Seal Kit

SKU **512952** 27222 • Install and Remove Oil

Seals Between 27mm and 58mm in Diameter





OEM TOOLS

