

# ENGINE SERVICE TOOLS

## STOP the Knock!

- Cam Phaser Knock on the 4.6/5.4L 3V Engines is Common in Older Models and Can Lead to Bigger Problems If Not Fixed
- There are Millions of Trucks on the Road with This Problem, But Until Now, There have Been Few Good Options to Permanently Fix the Knock
- This Kit Helps to Eliminate Any Knocking Noise Heard from the Front Valve Cover/Timing Cover Related to the Phasers
- All-in-One Kit Corrects the Cam Phaser Knock on ONE Engine
- Labor Guide Suggests 8½ Hours
- Easy to Follow DVD Instructions



SCAN FOR  
INSTRUCTIONAL  
VIDEO

**This Kit is the Only True,  
Long Term Repair for  
Ford Cam Phaser Noise  
on the Market**



**Stop Saying No to Business  
and Be Confident Your  
Customers Will Be Satisfied!**

## Ford Cam Phaser Noise Repair Kit (4.6/5.4 3V Engines)

SKU 494959  
LMEF1503V **699<sup>99</sup>**

### Kit Includes:

- Wedge Tool for Easier Installation
- (2) OEM Quality Phaser Bolts
- (2) Lock Outs
- Programmer with OBD-II Cable
- Instructional DVD



Product Made by High-Performance Engine Specialists:



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## SAVE \$10

### Timing Gear Holder

SKU 544797 | 24387

**39<sup>99</sup>**

REG: \$49.99

- Holds the Timing Gear in Place During Removal and Installation and Prevents It from Moving While the Retaining Bolt is Removed
- Allows the Cam Gear to Rotate to Align Valve Timing Marks
- Single Lever Locking Design is Easy-to-Use

Offer Good Through  
March 31, 2016 - While  
Supplies Last



## SAVE \$10

### Camshaft and Crankshaft Seal Tool Kit

SKU 544799 | 24386

**89<sup>99</sup>**

REG: \$99.99

- Easily Remove and Install Camshaft and Crankshaft Seals
- 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

Offer Good Through  
March 31, 2016 -  
While Supplies Last



Scan for Instructions on How to Use This Universal Seal Tool Kit



## Cam/Crankshaft Tools

### Honda Crankshaft Pulley Holding Tool

SKU 217379 **39<sup>99</sup>**

27176

- Holds Crankshaft Dampeners When Tightening/Loosening Crankshaft Bolts On Honda and Acura Engines 1990 to Present



### 2 Piece CamClamp™ Set

SKU 238159 **24<sup>99</sup>**

24360

#### STORE STOCK

- Specifically Designed to Retain Sprocket Wheels While Maintaining Proper Timing During Belt Service
- Simple to Use
- Installs in Seconds



### 5 Piece Master Cam Clamp Kit

SKU 383452 **79<sup>99</sup>**

27210

- Covers Most Single, Twin Cam and Quad Cam Engines
- Locks Camshaft to Hold Valve Timing During Timing Belt Replacement



### Ford 2.0L, 2.3L, 2.5L Cam Tool Kit

SKU 626108 **24<sup>99</sup>**

24448

- 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



### Universal Cam Adjuster

SKU 222524 **41<sup>99</sup>**

LIS38220

- Adjusts to Fit Different Sized Cam Sprockets
- Holds Cam Sprocket in Place When Removing Cam Bolt
- Works On All Single and Dual Overhead Cam Sprockets with Holes



### Crank Seal Remover and Installer Kit

SKU 512952 **149<sup>99</sup>**

27222

- Used to Install and Remove Oil Seals Between 27 mm and 58 mm in Diameter



### DOHC Cam Lock Holder

SKU 291419 **39<sup>99</sup>**

LIS36880

- This Versatile Tool Easily Locks and Holds Both Camshaft Sprockets Firmly in Place
- Preserves the Engine Timing During Belt or Chain Replacement



### Universal Camshaft Bearing Tool

SKU 191677 **229<sup>99</sup>**

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 Center in Cone



### 17 mm Crank Bolt Socket

SKU 818785 **29<sup>99</sup>**

CAL981

### 19 mm Crank Bolt Socket

SKU 818784 **29<sup>99</sup>**

CAL982

### 21 mm Crank Bolt Socket

SKU 818782 **29<sup>99</sup>**

CAL983

- Remove Stubborn Crankshaft Pulley Bolts- No Special Tool Required
- Increase Working Torque Up To 50%
- Works with Any Standard 1/2" Impact



**NEW**

## Piston Tools

### Piston Ring Compressor (2-1/8" - 5")

SKU 531921 **15<sup>99</sup>**

25037

#### STORE STOCK

- Constructed of High Grade Spring Steel with 1/4" Square Drive Adjuster
- Beaded Edge Prevents Tool from Entering Cylinder with Pistons



### Piston Ring Compressor (3-1/2" - 7")

SKU 531947 **16<sup>99</sup>**

25039

#### STORE STOCK

- Constructed of High Grade Spring Steel with 1/4" Square Drive Adjuster
- Beaded Edge Prevents Tool from Entering Cylinder with Pistons



### Piston Ring Compressor Set

SKU 526501 **34<sup>99</sup>**

WLMW89410

- You Get Six Band Sizes for Multiple Applications and the Pliers Can Be Used Parallel or Perpendicular to the Cylinder Block
- Set Comes in a Blow Mold Case
- 2-7/8" - 3-1/8" (73 - 79 mm)
- 3-1/8" - 3-3/8" (79 - 86 mm)
- 3-3/8" - 3-5/8" (86 - 92 mm)
- 3-5/8" - 3-7/8" (92 - 98 mm)
- 3-7/8" - 4-1/8" (98 - 105 mm)



While Supplies Last

### Wrinkle Band Compressor

SKU 246373 **22<sup>99</sup>**

25257

- 1-1/2" Deep Low Friction Wrinkle Band
- Fits 3" to 5" Pistons



### Ridge Reamer

SKU 532325 **31<sup>99</sup>**

25051

- Capacity 3" to 5" (76 mm to 127 mm)
- For Use On Conventional and Slant-Block Engines



## Valve Tools

### Valve Spring Compressor

SKU 231210 **19<sup>99</sup>**

25220

#### STORE STOCK

- Designed for Use On Most Trucks and Cars with Overhead Valves



### Ford Valve Spring Compressor

SKU 626111 **69<sup>99</sup>**

24434

- Applications: 1991-2004 Ford Vehicles with 4.6L, 2V, V8 Engines; 4.6 4V, 5.4 V8 and 6.8 V10
- Works with Engine Removed or Installed, Cylinder Head On or Off
- Not for Triton 5.4 3V



### Push Rod Remover

SKU 459100 **24<sup>99</sup>**

LIS48300

- Redesigned for Newer 3.5L and 3.6L GM Engines - Also Works On GM V6 2.8L, 3.1L and 3.4L
- Quickly Removes Push Rods to Replace the Intake Gaskets without Removing Rocker Arms



### Parallel Lift Spring Compressor

SKU 516515 **71<sup>99</sup>**

27075

- Strong but Light Frame - Weighs Only 6 Lbs.
- Works with Most Valve-in Head and L-Head Engines As Well As Truck & Tractor Engines
- Capacity 1"-2" Springs
- Throat Depth 10"
- Includes Straight and Offset Jaws







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## Tool & Equipment QUARTERLY

### Throttle Depressors



#### Throttle Pedal Depressor

SKU 222525  
LIS48700

**31<sup>99</sup>**

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

#### Brake - Accelerator Pedal Depressor

SKU 802194  
24232

**29<sup>99</sup>**

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

OEM TOOLS

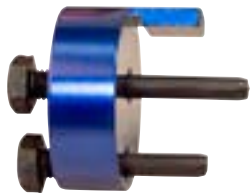
### Belt Tools

#### Stretch Belt Installation Tool

SKU 227301  
24363

**21<sup>99</sup>**

- Works On Both Large and Small Pulleys
- Clamping Jaw Allows User to Position Serpentine Belt without the Belt Slipping Out of the Tool



OEM TOOLS

#### Stretch Belt Mate Kit

SKU 544729  
24388

**12<sup>99</sup>**

- Easily Installs All Stretch Fit Belts



OEM TOOLS



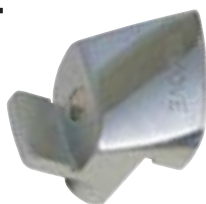
Scan for Instructions on How to Use Stretch Belt Mate Kit

#### Stretch Belt Remover and Installer

SKU 255866  
LIS59370

**22<sup>99</sup>**

- 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



#### Serpentine Belt Tool

SKU 695121  
33627115

**30<sup>99</sup>**

- Provides Required Leverage and Clearance to Release Spring Pressure and Remove Tensioner Pulley



OEM TOOLS

### Block Testers

#### Block Tester

SKU 695104  
33627145

**25<sup>99</sup>**

- Locate Internal Combustion Leaks Quickly and Easily
- When Fluid Turns from Blue to Yellow a Combustion Leak is Present



OEM TOOLS

#### Block Tester Test Fluid (8 oz.)

SKU 391381  
25739

**8<sup>99</sup>**

- Use with Block Tester #33627145



OEM TOOLS

### Engine Cylinder Hones



#### Adjustable Engine Cylinder Hone Deglazer

SKU 532002  
25041

**31<sup>99</sup>**

- 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

**11<sup>99</sup>**

- 3 Coarse Grit (#100)

SKU 532036  
2541M

**11<sup>99</sup>**

- 3 Medium Grit (#220)

SKU 532044  
2541F

**11<sup>99</sup>**

- 3 Fine Grit (#400)



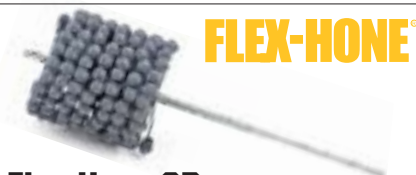
#### Flex-Hone BC

10 mm (.394")  
SKU 341249  
BRMBC10M18

**24<sup>99</sup>**

6.4 mm (.250")  
SKU 343384  
BRMBC64M24

**24<sup>99</sup>**



#### Flex-Hone GB

3-1/2" (89 mm)  
SKU 341239  
BRMGB31212

**47<sup>99</sup>**

3-1/4" (83 mm)  
SKU 341232  
BRMGB31412

**47<sup>99</sup>**

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

**53<sup>99</sup>**

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

**57<sup>99</sup>**

4-5/8" (118 mm)  
SKU 341332  
BRMGB45812

**63<sup>99</sup>**

CALL FOR ADDITIONAL SIZES

FLEX-HONE®

FLEX-HONE®

### Clutch Tools

#### Duramax Flywheel Lock

SKU 301613  
LIS22100

**49<sup>99</sup>**

- Locks Flywheel in Place When Removing Harmonic Balancer on 6.6L Duramax with Allison Transmissions
- Saves Time by Locking the Flywheel at the Transmission Instead of Having to Remove the Starter for Water Pump Replacement



#### Flywheel Turner

SKU 505066  
LIS23800

**34<sup>99</sup>**

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



### Freeze Plug Tool

#### MasterFreeze Plug Installation Tool Kit

SKU 965837  
27208

**99<sup>99</sup>**

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



OEM TOOLS

# SAVE \$20



#### Universal Pulley and Fan Clutch Holder

SKU 547013  
27281

**49<sup>99</sup>**

REG: \$69.99

- 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"

Offer Good Through March 31, 2016 - While Supplies Last

OEM TOOLS

### Fan Clutch Tools

#### Universal Fan Wrench Set

SKU 080554  
LIS43600

**73<sup>99</sup>**

- Use On the Most Popular Applications
- Unique Hooked Wrench Design Will Hold Bolted On Water Pump Pulleys by Applying Pressure Against Another Bolt
- Double-Sided Spanner Style Holding Wrench Will Hold Pressed On Pulleys On Many GM, Jeep and Dodge Vehicles



#### Fan Clutch Wrench Set

SKU 110280  
27186

**79<sup>99</sup>**

- OEM Master Fan Clutch Wrench Set 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 mm Wrench Sizes



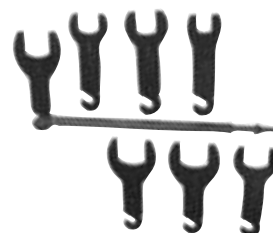
OEM TOOLS

#### Pneumatic Fan Clutch Wrench Set

SKU 291409  
LIS43300

**182<sup>99</sup>**

- Quickly Removes and Installs Fan Clutch When Repairing the Water Pump or Fan Clutch
- Set includes: 36, 41 and 42 mm; 1.5", 1-9/16", 1-7/8" and 2" Wrench Sizes



#### Fan Clutch Service Set for Mercedes-Benz and BMW

SKU 512958  
27224

**199<sup>99</sup>**

- Removes Lock Nuts On Thermo Viscous Fans Found On Mercedes-Benz, BMW and Many Ford Models
- Includes:
  - (1) Mercedes-Benz Fan Clutch Wrenches - 36 mm, 40 mm and 65 mm Opening
  - (1) BMW Fan Clutch Wrench - 3 mm Opening
  - (1) BMW Fan Clutch Holding Wrench - 38 mm and 44.5 mm
  - (1) Mercedes-Benz Fan Clutch Holding Tool



OEM TOOLS



# CHASSIS/SUSPENSION

## Ball Joint



### Ball/U-Joint Press Set

SKU 695617  
33627023

**115<sup>00</sup>**

- Removes and Replaces Ball Joints On Many Vehicles
- C-Clamp Frame Press May Also Be Used to Remove and Replace U-Joints



### Ball/U-Joint Press with 4WD Adapter Set

SKU 695584  
33627089

**139<sup>99</sup>**

- 1967 to Current 1/2 to 3/4 Ton 4WD
- Dana 44 Series Front Axle Adapter Sets Available: 27163, 27164, 27165, 27166, 33627163, 33627164, 33627165 and 33627166



### Ford Ball Joint Adapter Set

SKU 695095  
33627163

**85<sup>00</sup>**

- STORE STOCK**
- 1996-2004 Ford Taurus and Mercury Sable
- Ball Joint Adapter Set for 27023, 33627023, 33627089 or 27089
- Rust Resistant Finish On All Parts



### 4 Wheel Drive Ball Joint Adapter Set

SKU 695093  
33627165

**85<sup>99</sup>**

- Designed for Use On 1967 - Current 4WD Vehicles with Dana 44 Axles
- Upper and Lower Ball Joint Adapter Set for 27023, 33627023, 27089 and 33627089



### 2 Wheel Drive Ball Joint Adapter Set

SKU 695092  
33627166

**85<sup>99</sup>**

- Ford Van 2WD, Upper and Lower
- Ball Joint Adapter Set for 27023 and 33627023
- Rust Resistant Finish On All Parts



### Honda Ball Joint Adapter Set

SKU 695094  
33627164

**110<sup>99</sup>**

- 1980-2000 Honda Accord, Civic, CRX and Prelude



### Master Ball Joint Installer/Remover Adapter Set

SKU 793562  
33627310

**135<sup>00</sup>**

- Expands the Capabilities of OEM #27023 Ball Joint Press
- For Working On Many GM, Ford and Chrysler 2 and 4 WD Pick-Ups, Vans and SUVs
- Includes: 8 Receiving Tubes, 2 Installing Tubes, 2 Receiving Cups, 1 Plug and 1 Remover/Installer
- Comes in a Sturdy Blow Mold Case



### 3/4" Drive Ball Joint Impact Socket

SKU 462494  
24215

**24<sup>99</sup>**

- Used On Chrysler/Dodge Mid Size Cars, Light Trucks and Vans
- Fits 2-9/64" Ball Joints
- 3/4" Drive

**OEM TOOLS**



### Ball Joint Separator

SKU 793569  
33627308

**30<sup>00</sup>**

- Used for Separating the Ball Joint from the Spindle Support Arm On Domestic and Import FWD Vehicles
- Adjustable for Different Size Ball Joints
- Max. Opening Range: 1-1/8 In. and 2-1/8 In.
- Steel Construction with Black Oxide Pins
- Comes in a Sturdy Blow Mold Case

## Spindle Nut

**OEM TOOLS**

### 1/2" Drive Socket Bearing Locknut

SKU 231203  
25243

**14<sup>99</sup>**

- STORE STOCK**
- Fits Adjusting Nuts Found On 1995-96 Ford F-150 Trucks and Full-Sized Broncos with Automatic Locking Hubs



**OEM TOOLS**

### 4WD 4-Lug Spindle Socket

SKU 552265  
25072

**19<sup>99</sup>**

**STORE STOCK**



**OEM TOOLS**

### 4WD 6-Lug Spindle Socket

SKU 695598  
33627046

**20<sup>99</sup>**



**SUNEX TOOLS**

### 4WD 2-Lug Spindle Socket

SKU 110264  
SUN10202

**29<sup>99</sup>**



While Supplies Last

### 1/2" Drive Wheel Bearing Locknut Socket Kit

SKU 295858  
WLMW89314

**49<sup>99</sup>**

- Six-Point Wheel Bearing Locknuts Are Easy to Remove or Install with These Specially Designed Sockets
- Contains 2-3/8", 2-1/2" and 55 mm Locknut Sockets and 2-1/2", 2-3/4", 2-9/16" and 2-3/8" Rounded Locknut Sockets



While Supplies Last



**OEM TOOLS**

### Spindle Locknut Wrench Kit

SKU 695087  
33627174

**110<sup>99</sup>**

- Ideal for 4-Wheel Drive Axle Retainers
- Use with Many 1/2 Ton Vehicles with Dana 44 Series Axles GM, Ford and Dodge and with Many 3/4 Ton Vehicles with Dana 70 Series Axles GM, Ford and Dodge

## Axle Tools

**OEM TOOLS**

### FWD Axle Puller Adapter

SKU 695592  
33627058

**20<sup>99</sup>**

- Used to Pull CV Drive Axles from the Transmission of Front Wheel Drive Cars
- Note:** Use with OEM Slide Hammer 27033 and 33627033



### Front Wheel Drive Hub Puller

SKU 695606  
33627037

**25<sup>99</sup>**

- Fits Most Domestic and Import Vehicles with Independent Front Wheel Suspension
- Yoke and Bolt Are Threaded 5/8" x 18



### Axle Puller

SKU 695612  
33627032

**25<sup>99</sup>**

- Used with OEM Slide Hammer (27033, and 33627033) to Pull Flange Type Axle On Most Domestic Cars and Trucks with 4.5 or 5.5 Bolt Circles



### 4WD Spindle Puller Attachment

SKU 695583  
33627104

**35<sup>99</sup>**

- Use with OEM Sledge Hammer 27033 and 33627033
- Fits Most Spindles 1-1/2", 1-5/8" and 2" On 4WD Vehicles



### 5 Lbs. Slide Puller

SKU 695611  
33627033

**45<sup>99</sup>**

- Threaded 5/8" x 18
- Works with OEM Attachments As Well As Other Manufacturer's Attachments with the Same Thread



### Rear Axle Bearing Remover Set

SKU 821450  
33627305

**70<sup>00</sup>**

- Strike the Axle Popper Wedge or Use It as a Pry Bar to Remove the Half Shaft
- Shim Included to Fill the Gap On Some Vehicles



### Rear Axle Bearing Remover Set

SKU 695117  
33627129

**55<sup>99</sup>**

- Used to Pull Semi Floating Rear Axle Bearings
- Use with OEM #27033 and #33627033 Slide Hammer Puller



### Axle Popper Kit

SKU 514017  
STK71410

**59<sup>99</sup>**

- Valuable Tool for Transmission Shops, Garages, Tire Shops and Body Shops
- Shim Included in Kit to Fill Larger Gap Found on Some Vehicles
- Applies Even Pressure to Both Sides of Shaft
- Safer and Surer Than a Pry Bar



### Axle Spindle Threading Set

SKU 514007  
27233

**79<sup>99</sup>**

- Set Includes: M20 x 1.25, M20 x 1.50, M22 x 1.00, M22 x 1.50, M24 x 1.50, M24 x 2.00, 13/16" x 20 UNEF, 3/4" x 20 UNEF and 27 mm Extension Bar



### Rear Axle Puller Set

SKU 094801  
27202

**99<sup>99</sup>**

- Use for Flange-Type Rear Axle and Bearing Removal On Most Late Model Passenger Cars and Light Trucks



### 23 Piece Hub Bearing Remover and Installer Kit

SKU 094804  
27205

**199<sup>99</sup>**

- Removes and Installs Wheel Bearings with Steering Knuckle and Strut Assembly Still On the Vehicle, Eliminates Need for Alignment



## Suspension

**OEM TOOLS**

### GM Upper Control Arm Knock Out Tool

SKU 420336  
24210

**19<sup>99</sup>**

- Serves 1989-2001 Chevrolet and GMC 1/2 - 3/4 and 1 Ton, 2 and 4 Wheel Drive Trucks and 1990-2002 All Wheel Drive Chevrolet Astro and GMC Safari Vans



### Universal Steering Knuckle Spreader Tool

SKU 512957  
27234

**89<sup>99</sup>**

- Used to Spread Lower Ball Joint, Preventing Costly Damage to Knuckle



### Camber Adjustment Tool

SKU 360484  
DOWTC614

**254<sup>99</sup>**

- Makes Camber Adjustment a "One-Man Job"
- Inflatable Air Bladder Fits Between Tire and Strut for Easy and Controlled Adjustment of Camber Settings
- Camber Can Be Set with Wheels On Ground
- Eliminates the Need for Special Camber Bolts



**JohnDow Industries**

## CV Boot Tools

**OEM TOOLS**

### CV Boot Driver

SKU 695597  
33627052

**49<sup>99</sup>**

- Removes and Installs Many Boots On GM Constant Velocity Joints Having Stamped Retaining Rings



## Pickle Fork

**OEM TOOLS**

### Tie Rod End Puller

SKU 004463  
25201

**9<sup>99</sup>**

- STORE STOCK**
- Tapered Fork Wedged Ends with 21/32" Opening
- Overall Length: 11-7/8"



### Ball Joint Separator

SKU 004464  
25202

**9<sup>99</sup>**

- STORE STOCK**
- Tapered Fork Wedged Ends with 5/16" Opening



**OEM TOOLS**

### 3 Piece Pickle Fork Set

SKU 802196  
27080

**34<sup>99</sup>**

- Can Be Used for Tie Rod End, Pitman Arm and Ball Joint Removal



**OEM TOOLS**

### 5 Piece Pickle Fork Set

SKU 466511  
25261

**35<sup>99</sup>**

- Set Includes: Tie Rod Spreader with 11/16" Wedge Opening, Ball Joint Separator with 15/16" Jaw Opening, Pitman Arm Wedge with 1-1/8" Opening, 8" Handle



**Rile**

### Stepped Pickle Fork Set

SKU 291410  
LIS41400

**59<sup>99</sup>**

- Six Tools in One Includes: 1-1/8", 15/16", 11/16" Forks and Two Handles



**OEM TOOLS**

### 5 Piece Tie Rod and Ball Joint Set

SKU 094799  
27201

**69<sup>99</sup>**

- Used to Remove Tie Rods and Ball Joints
- Includes: 11"x 1-1/8", 11-3/4" x 1-5/8", 11-5/8" x 1-7/16", 16" x 11/16" and 16" x 15/16"







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## Tool & Equipment QUARTERLY

### Pitman Arm Pullers

#### Pitman Arm and Ball Joint Front End Service Kit

SKU 900820 **99<sup>99</sup>**  
27181

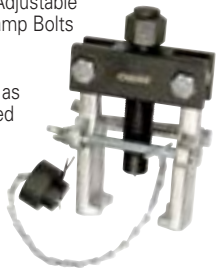
- Services Pitman Arm, Tie Rod and Ball Joints
- Includes: Pitman Arm/Tie Rod End Puller, Ball Joint Separator, Pitman Arm Puller, Ball Joint/Tie Rod End Remover, Ball Joint/Tie Rod End Remover
- Comes in a Sturdy Blow Mold Case



#### Heavy Duty Pitman Arm Puller

SKU 695090 **90<sup>99</sup>**  
33627170

- Services Cars and Light Trucks 3/4 Ton
- Can Be Used for Bearing, Collar or Gear Removal
- Features Forged Adjustable Jaws and Two Clamp Bolts that Lock Jaws Together
- Pressure Screw Has Ball Head Designed for Striking



#### Pitman Arm Puller

SKU 695620 **17<sup>99</sup>**  
33627016

- Heat-Treated Frame for Strength and Durability
- Pressure Screw Has Ball Head Designed for Striking
- Frame Has Opening for 1-3/16" Shafts



#### Pitman/Tie Rod Arm Puller

SKU 695618 **17<sup>99</sup>**  
33627022

- For Use On Compact Cars and Smaller Pitman Arms
- 2-1/16" Opening



### Drive Line Impact Socket

#### 1/2" (12 mm) Ford Drive-Line Impact Socket

SKU 420319 **19<sup>99</sup>**  
24212

- Applications Include Many Ford Drive Line Bolts
- 12 mm, 12 Point



### Shock Tools

#### Volvo Shock Retaining Nut Strut Removal Socket Tool

SKU 300125 **24<sup>99</sup>**  
24365

- Includes Holding Socket and Double-D Axle Center Socket
- Fits Several Models Volvo 1999-2010



#### Universal Shock Absorber Tool

SKU 036202 **16<sup>99</sup>**  
25038

- For Removing and Installing Shock Nuts
- Fits Many Shock Stems



### Tie Rod Tools

#### Inner Tie Rod Tool

SKU 094645 **19<sup>99</sup>**  
25296

##### STORE STOCK

- Used to Easily Turn Tie Rods
- Slide Tool Over the End and Tighten Collar to Allow Access with an Extension
- Tool Can Remove Inner Tie Rod without Removing the Outer Tie Rod



#### Tie Rod End Remover

SKU 695086 **40<sup>99</sup>**  
33627175

- Used On Import and Many Front Wheel Drive Vehicles and Rack and Pinion Steering
- Pressure Screw Tip Swivels for Damage Free Results and Will Not Damage Tie Rod End Dust Boots



#### Inner Tie Rod Tool Kit

SKU 217377 **59<sup>99</sup>**  
27185

- Removes and Installs Tie Rod End On Rack and Pinion Steering
- Includes: 1-3/16", 1-5/16" and 1-7/16"



#### Inner Tie Rod Tool

SKU 291414 **89<sup>99</sup>**  
LIS45750

- Utilizes Six Sizes: 1-1/4", 1-1/2", 1-3/16", 1-5/16", 1-7/16" and 33.6 mm
- Long Socket Slips Over Tie Rod End and Connects to the Crow Foot
- Includes 1-1/2" Crow Foot for Use on Chevrolet Colorado and GMC Canyon



#### Master Inner Tie Rod Tool

SKU 080557 **148<sup>99</sup>**  
LIS46800

- Works On Inner Tie Rods with Inaccessible Wrench Flats
- Includes All 9 Crows Feet to Work On Many Applications
- Long Socket Slips Over the Tie Rod End and the Crow Foot Engages On the Socket for Easy Removal and Installation



### Model 7600 Strut Spring Compressor

SKU 547959 **899<sup>99</sup>**  
BRA7600

- Handles the Toughest Applications
- Min/Max. Spring Diameters: 3.5/11.5"
- Made in the USA



#### Cart for BRA7600

SKU 547960 **389<sup>99</sup>**  
BRA00-0137

*Branick*



#### Bench Mount for BRA7600

SKU 547962 **54<sup>99</sup>**  
BRA00-0125

### CV Axle Nut Sockets

#### 1/2" Drive Axle Nut Sockets

30 mm **STORE STOCK**  
SKU 079988 **14<sup>99</sup>**  
25203

32 mm **STORE STOCK**  
SKU 552315 **14<sup>99</sup>**  
25204

33 mm **STORE STOCK**  
SKU 864643 **14<sup>99</sup>**  
25152

34 mm **STORE STOCK**  
SKU 010252 **14<sup>99</sup>**  
25205

35 mm **STORE STOCK**  
SKU 864642 **18<sup>99</sup>**  
25153

36 mm **STORE STOCK**  
SKU 079772 **19<sup>99</sup>**  
25206



- Removes and Installs the Front Drive Hub/Axle Nuts On 4 Wheel Drive and Many Front Wheel Drive Automobiles
- For Use with a 1/2" Drive Ratchet
- Chrome Plating to Resist Rust
- 1/2" Drive Chamfered Square Drive

39 mm, 12 Point Axle Nut Socket  
SKU 452638 **24<sup>99</sup>**  
LIS39650

- Fits Toyota/Lexus



#### 6 Point Axle Nut Socket Set

SKU 900822 **84<sup>99</sup>**  
27188

- Includes: 27, 29, 30, 32, 33, 34, 35, 36, and 38 mm
- Chrome Moly Sockets Are Impact Rated
- Black Oxide Finish to Resist Rust
- Comes in a Blow Mold Case



#### 12 Point Axle Nut Socket Set

SKU 751696 **79<sup>99</sup>**  
24480

- Includes Sizes: 29, 30, 32, 34, 35, 36, 38 and 39 mm
- Chrome Moly Sockets Are Impact Rated
- Black Oxide Finish to Resist Rust
- Comes in a Blow Mold Case



### Seal Tools

#### Seal Puller

SKU 048199 **12<sup>99</sup>**  
25014

##### STORE STOCK

- Two Tips Fit All Seal Sizes



#### Bearing Race and Seal Driver Set

SKU 695119 **60<sup>99</sup>**  
33627119

- Used to Install Most Standard Wheel Bearing Races and Seals

#### Universal Seal Installer Kit

SKU 818737 **39<sup>99</sup>**  
25082

- Knurled Handles
- Includes: 3" Driver, 2.5" Driver, Short Handle, Long Handle, Spider Insert, 5/16" x 1" Cap Screw, Large Spider, Small Spider and Washer
- Long Handle Provides Good Flexibility When Installing Pinion Seals
- Comes in a Sturdy Blow Mold Case



#### Pinion Shaft Seal Driver

SKU 080559 **89<sup>99</sup>**  
LIS6950

- Used for Driving Pinion and Other Seals into Place
- Hollow Adapter Allows Driver to Slide Over Shaft to Drive Seal
- Neodymium Magnets On Both Driver Faces Hold Seal in Place Until Ready to Drive into Place
- Works On Many Applications (Ford SUV Pinion Seals)



29mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821446 33627322 **20<sup>00</sup>**

30mm 12 PT Axle Nut Socket 1/2" DR  
SKU 191051 25157 **20<sup>00</sup>**

31mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821448 33627324 **20<sup>00</sup>**

32mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821449 33627325 **20<sup>00</sup>**

33mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821451 33627326 **20<sup>00</sup>**

34mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821453 33627327 **20<sup>00</sup>**

35mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821455 33627328 **20<sup>00</sup>**

36mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821456 33627329 **20<sup>00</sup>**

38mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821457 33627330 **20<sup>00</sup>**

39mm 12 PT Axle Nut Socket 1/2" DR  
SKU 821452 33627331 **20<sup>00</sup>**



# SERVICE TOOLS

## Measuring Tools

### Feeler Gauge

SKU 001927  
25025 **6<sup>99</sup>**

- STORE STOCK**
- 26 Blades with Laser Etched In/mm



OEM TOOLS

### Electronic Digital Caliper

SKU 864649  
25363 **29<sup>99</sup>**

- Large Easy-to-Read LCD Display
- Zeroing Feature
- Thumb Roller with Locking Device



OEM TOOLS

STORE STOCK

### Disc Brake Rotor Micrometer

SKU 607071  
25367 **49<sup>99</sup>**

- STORE STOCK**
- .001" Accuracy, .0005" Reading
  - Large LCD Display with SAE or Metric Reading
  - Manual Power Off/On



OEM TOOLS

Fowler

### X-Tread Digital Tire Gauge

SKU 186495  
FOW74225500 **19<sup>99</sup>**

- For Tire Tread Thickness Measurement
- Reads in Inch, Metric and Fractions



### RotoCal with Twin Conical Anvils

SKU 186492  
FOW74150004 **74<sup>99</sup>**

- Range 0 to 5.5"
- Reads in Inch, Metric and Fractions
- 3.5" Jaw Depth for Large Rotors



Fowler

### Dial Indicator Set

SKU 186500  
FOW72522101 **69<sup>99</sup>**

- Includes 1" Indicator, Magnetic Base Plus Rods, Swivel Clamp and Case
- 2-1/4" Dial, .001" Increments



Fowler

### Mini MAG Protractor

SKU 186501  
FOW744224501 **79<sup>99</sup>**

- Embedded Magnets with 35 Lbs. Pull
- Uses Standard 9V Battery
- 360 Degree Measuring Range
- Accuracy +/-2 Degrees



Fowler

### Angle Finder

SKU 186499  
CEN6494 **22<sup>99</sup>**

- Measure Auto and Truck Front Ends
- Measure Drive Shaft Angles
- Magnet in Base
- Graduated in 1/2 Degree Increments



Central TOOLS, Inc.  
QUALITY AND INNOVATION SINCE 1988

### Rotor/Drum Measuring Kit

SKU 186504  
CEN3K301 **79<sup>99</sup>**

- Attaches to Any Caliper On the Lower Jaws
- Outward Facing Anvils to Inspect Drums
- Inward Pointing Anvils to Measure Rotors
- 8 to 13" Range
- 0 to 6" Digital Caliper Included



Central TOOLS, Inc.  
QUALITY AND INNOVATION SINCE 1988

### Straight Edge 24"x1/4"

SKU 404660  
CEN6429 **119<sup>99</sup>**

- Measure Head, Block and Flywheel Straightness
- Precision Ground to +/- .001"



Central TOOLS, Inc.  
QUALITY AND INNOVATION SINCE 1988

### 3 Piece Micrometer Set

SKU 186503  
CEN3M113 **134<sup>99</sup>**

- 0 to 3" Range
- 0 to 1" 3m101, 1 to 2" 3m102, 2 to 3" 3m103
- Set Includes Calibration Tools



Central TOOLS, Inc.  
QUALITY AND INNOVATION SINCE 1988

## SAVE \$10

### Disc Brake/Ball Joint Gage

SKU 186496  
FOW72520757 **89<sup>99</sup>** REG: \$99.99

- Checks Ball Joint Wear and Disc Rotor Run-Out
- Checks Gear Backlash and Valve Guide Wear
- 0 to 1" Travel and .001" Graduations



Fowler

Offer Good Through  
March 31, 2016\*  
While Supplies Last

## DID YOU KNOW?

## AutoZone Can Get Stoptech Brand High Performance Brake Systems.

Contact Your AutoZone Commercial Sales Manager or call 1-877-823-5535 Ext. #3 for details

## Torque Wrenches

### 3/4" Drive Torque Wrench

100-600 Ft/Lbs. Range  
SKU 217376  
25688 **349<sup>99</sup>**

- Right Hand Direction



Micrometer Click Style

Turn Any Ratchet or Breaker Bar into a Digital Torque Wrench!



### 3/8" Drive Digital Torque Adapter

SKU 362559  
25684 **49<sup>99</sup>**

- Range 27 - 135 N-M (238.9-1,194.8 In/Lbs.)



### 1/2" Drive Digital Torque Adapter

SKU 900805  
25682 **59<sup>99</sup>**

- Range 40 - 200 N-M (29.5-147.5 Ft/Lbs.)
- Buzzes When Target Torque is Reached

### 1/4" Drive Torque Screwdriver

SKU 695088  
33627172 **79<sup>99</sup>**

- Range: 10 - 50 In/Lbs.
- Great for Low Torque Applications
- Easy-to-Read Window Scale



OEM TOOLS

### Professional Micrometer Adjustable Torque Wrenches

#### 1/2" Drive 25-250 Ft/Lbs. Range

SKU 133659  
25687 **79<sup>99</sup>**

- Heavy Duty 24 Tooth Pear Shaped Ratchet Head
- Audible Click When Desired Torque is Reached
- Both Clockwise and Counter-Clockwise Operation



#### 3/8" Drive 25-250 In/Lbs. Range

SKU 133657  
25685 **49<sup>99</sup>**

#### 3/8" Drive 10-100 Ft/Lbs. Range

SKU 133658  
25686 **49<sup>99</sup>**

- 45 Tooth Round Head Ratchet
- Audible Click When Desired Torque is Reached
- Both Clockwise and Counter-Clockwise Operation



### 3/4" Drive Torque Multiplier

SKU 191056  
25683 **299<sup>99</sup>**

- Increase Torque Output
- It Utilizes a 3:1 Ratio Planetary Gear Set to Convert Low Torque (Max. 650 Ft/Lbs.) to High Torque (2,200 Ft/Lbs. / 3,000 N-M) for Heavy Duty Tightening or Loosening. Input Drive 3/4", Output Drive 1"
- Comes with a 3/4" Drive 2-Way Quick Release Ratchet



## Sensor Sockets

### Oil Pressure Switch Socket

SKU 141490  
25254 **11<sup>99</sup>**

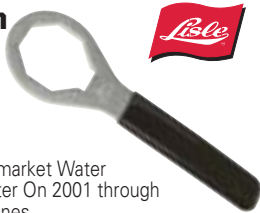
- STORE STOCK**
- Fits Most 1" and 1-1/16" Switches
  - Accepts Oil Pressure Sending Units Up to 2-5/8" Long



### Water Sensor Wrench Fits Aftermarket Sensors

SKU 459101  
LIS34910 **16<sup>99</sup>**

- Removes and Installs the Aftermarket Water Sensor Located On the Fuel Filter On 2001 through 2011 6.6L Duramax Diesel Engines



Lisle

### 3/8" Drive Oxygen SensorSocket

SKU 047738  
25001 **12<sup>99</sup>**

- STORE STOCK**
- For Use with 3/8" Drive Ratchet or 1" Wrench
  - Removes and Installs Oxygen Sensors On All Domestic and Imported Computerized Engine Controlled Vehicles
  - Cutaway Slot Provided in the Side for Sensor Wire Clearance
  - Durable Alloy Steel Construction



OEM TOOLS

### Water Sensor Wrench

SKU 459099  
LIS34900 **16<sup>99</sup>**

- Removes and Installs the Water Sensor Located On the Fuel Filter on 2012 and Newer 6.6L Duramax Diesel Engines



Lisle

### Oxygen Sensor Wrench

SKU 947305  
33625246 **29<sup>99</sup>**

- Use with Oxygen Sensors On Ford 4.6 and 5.4 Engines
- 7/8"/22 mm Used in SUVs and Light Trucks

**STORE STOCK**



OEM TOOLS

### Oxygen Sensor Socket Set

SKU 695125  
33627110 **25<sup>99</sup>**

- Universal Slotted Socket to Service Hex Vacuum Switches and Oxygen Sensors
- 3/8" and 1/2" Drive, 22 mm / 7/8"



OEM TOOLS

### IPR Socket

SKU 080593  
LIS68210 **29<sup>99</sup>**

- Used to Remove and Replace the Injector Pressure Regulator (IPR) On Ford 6.0L and Other Diesel Engines
- Built to Bottom Out On the Hex So it Does Not Put Torque On the Connector in Case it Can Be Reused



Lisle

### 7-Piece Sensor Socket Set

SKU 900823  
27189 **59<sup>99</sup>**

- For Removal and Installation of Hard to Reach Oxygen Sensors, Oil Pressure Switches, Oil Pressure Sending Units and Thermal Sensor Switches



OEM TOOLS





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**1-877-AZTool1** Phone  
(1-877-298-6651) *Hablamos Español*

# AutoZone®

## Tool & Equipment QUARTERLY

### Harmonic Balancer

OEM TOOLS



#### Harmonic Balancer Puller Retrofit Kit for GM

SKU 695100 33627296 **13<sup>99</sup>**

- Use with OEM 33627019, 27019 and 25053 Harmonic Balancer Pullers and Many Other Popular Balancer Pullers
- The 3 Bolts Fit Through the Slotted Holes in the Balancer and Screws into the Threads of the Balancer On GM 3300 and 3800 V6 Engines
- Shoulders on the Bolts Prevent Damage to the Crank Sensor that Can Occur When Using Standard Bolts
- Includes Spacer to Prevent Damage to Crankshaft and Threads



#### Harmonic Balancer/Steering Wheel Puller

SKU 532440 25053 **17<sup>99</sup>**

- Removes Balancers, Steering Wheels, Pulleys and/or Gears with Tapped Holes
- Floating Swivel Helps Prevent Damage to Shaft End
- 4 Slots in Yoke, Use for 2 or 3 Hole Applications with 3/8"-24, 5/16"-18 and 3/8"-16 Bolt Sizes

OEM TOOLS



NEW

#### Harmonic Balancer Puller Kit

SKU 818738 25090 **49<sup>99</sup>**

- Includes: Puller Body, 3-Jaw Puller, (3) Jaw Retaining Pins, (3) Wave Washers, Pressure Screw
- Insert Rods: 4", 5-13/32", 6-1/2" and 7-13/32"
- Used On Many GM, Mitsubishi and Chrysler Engines
- Comes in a Sturdy Blow Mold Case

OEM TOOLS



#### Long Reach Harmonic Balancer Pulley Installer

SKU 544785 24442 **59<sup>99</sup>**

- Install Crank Pulley On Many Late Model Ford, GM, Dodge and Chrysler Vehicles with V8 and V6 Engines
- Includes: M16x2.0 - GM; M14x1.5 - Dodge, Chrysler, Jeep; M12x1.75 - Dodge, Chrysler, Jeep; M112x1.5 - Ford; Nut / Bearing Assembly

### Alternator

OEM TOOLS

#### Alternator Decoupler Pulley Tool Kit

SKU 300124 27261 **24<sup>99</sup>**

- Set Works On Both Overriding Alternator Decoupler (OAD) and One-Way Clutch (OWC) Pulleys
- Tools May Be Used While the Alternator is On or Off the Vehicle
- Comes in a Blow Mold Case



#### Alternator Decoupler Tool Set

SKU 255865 LIS57650 **34<sup>99</sup>**

- Five Piece Kit for Removing and Installing Many Alternator Decoupler Pulleys on the Most Popular Vehicles in North America
- Comes in a Blow Mold Case



#### Alternator Decoupler Pulley Service Kit

SKU 695085 33627275 **60<sup>99</sup>**

- Allows Alternator Shaft to Be Held While the Pulley Retainer is Removed
- Includes: A Special Set of Spline and Star Socket Bits for the Removal of Bosch Type Alternator Free-Wheel Drive Pulleys



### Pullers

OEM TOOLS

#### 2 Jaw 5 Ton Gear Puller

SKU 141513 25914 **29<sup>99</sup>**

- Reversible
- Maximum Reach: 3-1/4"
- Maximum Spread: 6"

STORE STOCK



OEM TOOLS

#### 2/3 Jaw 2 Ton Gear Puller

SKU 070134 25901 **34<sup>99</sup>**

- Maximum Reach: 3-1/2"
- Maximum Spread: 4-3/4"
- Center Forcing Screw: 3/8" to 24" x 4-7/8"



OEM TOOLS

#### 2/3 Jaw 5 Ton Gear Puller

SKU 231202 25919 **39<sup>99</sup>**

- Reversible
- Maximum Reach: 5-1/2"
- Maximum Spread: 7"

STORE STOCK



OEM TOOLS

#### Bearing and Pulley Puller Set

SKU 900824 27190 **89<sup>99</sup>**

- Use On Pitman Arms, Timing Gears, Carrier Side Bearings, Crankshaft Pulleys and More

**MAKES UP TO EIGHTEEN DIFFERENT PULLERS!**



### Specialty Pullers

#### Timing Gear and Pulley Set

SKU 695623 33627009 **16<sup>99</sup>**

- Services Crankshaft Pulleys and Timing Gears On Gasoline and Diesel Powered Engines



OEM TOOLS

#### Steering Pivot Pin Remover

SKU 265106 25135 **14<sup>99</sup>**

- Works On 1969 to Current GM, Chrysler and Ford Vehicles with Saginaw Steering Columns



OEM TOOLS

#### Power Steering Pulley Puller/Installer Kit

SKU 141495 25298 **32<sup>99</sup>**

- Fits Pulleys with Hub Diameters Measuring 1-1/8", 1-1/4", 1-5/16" and 1-3/8"

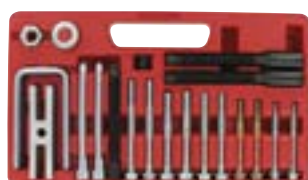


OEM TOOLS

#### Steering Wheel and Lock Plate Puller Kit

SKU 900821 27182 **49<sup>99</sup>**

- Used to Pull Steering Wheels On Many Major Makes of Automobiles
- Includes Yoke, Pressure Screw and Five Sets of Pulling Screws with Washers and Swivel



OEM TOOLS

#### VW®/Audi® Diesel Injector Puller Kit

SKU 548566 27282 **59<sup>99</sup>**

- Remove Diesel Injectors from 1996 to Current VW and Audi Vehicles
- Applications: VW, Audi TDI Engine



OEM TOOLS

#### Steering Wheel Puller Leg Kit

SKU 793567 33627312 **10<sup>00</sup>**

- Steel Construction for Durability
- Includes (2) J Hook Puller Legs
- Use with OEM Steering Wheel Puller and Other Popular Pullers



### Fuel

OEM TOOLS

#### Fuel Pump Module Spanner Wrench

SKU 110278 25156 **24<sup>99</sup>**

- Removes and Installs the Fuel Pump Retaining Ring



OEM TOOLS

#### Fuel Tank Lock Ring Tool

SKU 751721 24398 **59<sup>99</sup>**

- For 2004 - Newer Ford F-150 Trucks; 2004 or Newer Chrysler/Dodge Mini-Vans, PT Cruiser, Dakota, Durango; 2004 Newer Chevy 1/2-Ton and 3/4-Ton Trucks
- Works with 1/2 Drive Ratchet or Breaker Bar



### Slide Hammer Pullers

OEM TOOLS

#### 9 Way Slide Hammer Puller Set

SKU 900825 27191 **99<sup>99</sup>**

- Pulls Flange Type Rear Axles and Most Front Wheel Drive Hubs
- Internal and External Jaws Provide a Variety of Combinations to Pull Bearings, Gears and Seals
- Two and Three-Way Cross Blocks
- Set Also Includes a Grip Wrench Adapter and a Dent Puller Attachment
- Designed for Use with Other 5/8" - 18 Thread Slide Hammer Attachments

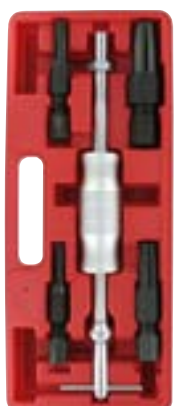


OEM TOOLS

#### Blind Hole Puller Set

SKU 695118 33627128 **160<sup>99</sup>**

- Pull Blind Hole Bearings, Bushings and Sleeves with Inside Diameters 3/8" - 1-3/8"



### Power Steering

mitivac

#### Air Bleed Adapter for Ford

SKU 751704 MITMVA662 **29<sup>99</sup>**

- Helps Remove Trapped Air in the Power Steering System
- Seals Ford Power Steering Pump Necks Having an Internal Diameter of 1-1/4" or 2" (32 or 50 mm)
- Works with a Hand Vacuum Pump



#### Air Bleed Adapter for GM

SKU 751698 MITMVA661 **29<sup>99</sup>**

- Helps Remove Trapped Air in the Power Steering System
- Designed for Sealing GM Power Steering Pumps with a Two-Tab Cap Design
- Works with a Hand Vacuum Pump



#### Universal Air Bleed Adapter

SKU 751699 MITMVA660 **24<sup>99</sup>**

- Helps Remove Trapped Air in the Power Steering System
- Rubber, Cone-Shaped Design
- Seals Pump Necks Ranging from 5/8" Up to 1-5/8" (16 Up to 41 mm) Internal Diameter
- Works with a Hand Vacuum Pump



#### 90 Degree Air Bleed Adapter

SKU 751710 MITMVA665 **24<sup>99</sup>**

- Available Separately and Can Be Interchanged with the Inline Connector On MVA661 and MVA662
- For Applications with Limited Overhead
- Works with a Hand Vacuum Pump



THEXTON



#### Power Steering Vacuum Pump

SKU 463254 THX212 **129<sup>99</sup>**

- Bleeds Trapped Air from Power Steering System
- Tapered Adapter Allows Use On Most Makes and Models





## SAVE \$13

### Ratcheting Tubing Cutter

SKU 466309 **24<sup>99</sup>**  
 24520 REG: \$37.99  
**STORE STOCK**  
 • Ratcheting Action Ideal Where Space Is Limited  
 • Cuts 1/4" to 1-1/8" Tubing



### Double Flaring Tool

SKU 864647 **21<sup>99</sup>**  
 25358  
**STORE STOCK**  
 • Includes Five Adapters 3/16, 1/4, 5/16, 3/8 and 1/2 (4.8 mm Through 12.7 mm)



### Tubing Bender Pliers

SKU 265107 **34<sup>99</sup>**  
 25170  
 • Bends All Types of 3/16" Brake Lines and 1/4" OD Tubing without Kinking or Flattening, Especially in Tight Spots



### Tubing

**OEM TOOLS**

#### Mini Tubing Cutter

SKU 532507 **8<sup>99</sup>**  
 25058  
**STORE STOCK**  
 • Capacity: 1/8" to 7/8"  
 • Cutter is Capable of Turning On a 1-7/8" Radius  
 • Lightweight for Easy Handling



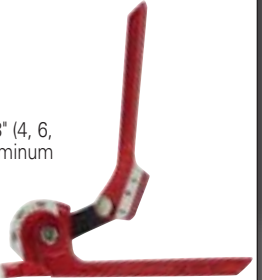
#### Tubing Cutter

SKU 141489 **7<sup>99</sup>**  
 25299  
**STORE STOCK**  
 • Cuts Tubes Capacity: 1/8" to 1-1/8"  
 • Two Facing Flare Groove Rollers  
 • Die Cast Frame with Reamer  
 • Alloy Steel Cutting Wheel  
 • Large, Easy Grip Knob with 1/8" to 1-1/8" 2 Facing Flare Groove Rollers



#### Multi-Purpose Tubing Bender

SKU 390889 **14<sup>99</sup>**  
 25179  
**STORE STOCK**  
 • Works on 3/16", 1/4", and 3/8" (4, 6, and 8 mm) O.D. Copper, Aluminum and Stainless Steel Tubing  
 • Used to Make Left, Right and Offset Bends Up to 90 Degrees



#### In-Line Flaring Tool Kit

SKU 238197 **24<sup>99</sup>**  
 24364  
**STORE STOCK**

- Use On Thin Walled Steel and Copper Tubing
- Low Profile Design Allows for Use On or Off the Vehicle
- 3/16" and 4.75 mm Tubing
- Double Clamp and Hex Screw Keeps Tubing Locked Tightly in Position

**OEM TOOLS**

**Create a Perfect Flare Every Time!**



#### Double Flaring Tool

SKU 695622 **30<sup>99</sup>**  
 33627015  
 • Produces Single and Double Flares in Soft Steel



**OEM TOOLS**

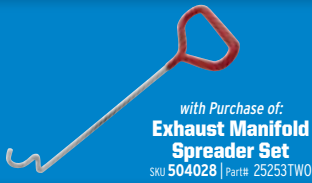
### Universal Hydraulic Flaring Tool Set

SKU 390927 **439<sup>99</sup>**  
 MSC71475  
 • Fabricates Push to Connect Flares: 1/4, 5/16 and 3/8"  
 • GM Fuel Line Flares: 5/16 and 3/8"  
 • Flares Double Flares: 3/16, 1/4, 5/16, 3/8 and 1/2"  
 • Flares Metric Bubble Flares: 4.75, 6, 8 and 10 mm

**Mastercool**  
 "World Class Quality"



**BONUS**  
**Exhaust Donut Stretcher**  
 SKU 390901 | Part# 25543  
**VALUE: \$4.99**



with Purchase of:  
**Exhaust Manifold Spreader Set**  
 sku 504028 | Part# 25253TWO

### Exhaust Manifold Spreader Set

SKU 504028 **22<sup>99</sup>**  
 25253TWO  
 • Used for Reinstalling the Manifold on Small Block Chevrolets  
 • Simple Way to Expand a Warped Manifold So All Bolt Holes Are Accurately Aligned  
 • Helps Prevent Cross-Threading of Manifold Bolts  
 • Works Best When Used in Pairs or Install Before Removing Manifold to Prevent Mis-Alignment



Offer Good Through March 31, 2016 - While Supplies Last

### Exhaust Tools

**OEM TOOLS**

#### Tailpipe Cutter

SKU 695599 **50<sup>99</sup>**  
 33627045  
 • Used to Cut Tail Pipe  
 • Range 3/4" to 3-1/4" (19-83 mm)



#### Pipe Stretcher Kit

SKU 080137 **274<sup>99</sup>**  
 LIS17350  
 • Expands All Types of Exhaust Pipe, Including Stainless Steel, from 1-5/8" to 4-1/4" in Size  
 • Use with Impact Wrench to Quickly Stretch Pipes  
 • Collet Sets Expand Pipes from 1-5/8" to 4-1/4"



### Thread Repair

**Nes**  
 The Thread Repair Experts

#### 2-Piece External Thread Repair Set 5/32" - 1.1/2"

SKU 343361 **199<sup>99</sup>**  
 NES1000\*

- Includes the NES1A and NES2
- Restores Inch or Metric, Right or Left Handed Fastener Threads



#### External Thread Repair 5/32" - 1/2"

SKU 343360 **39<sup>99</sup>**  
 NES6040

- Restores Inch or Metric, Right or Left Handed Fastner Threads



#### External Thread Repair 5/32" - 11/16"

SKU 343365 **74<sup>99</sup>**  
 NES1A

- Also Repairs Damaged Threads On Pipes up to 7/16"



#### External Thread Repair 11/16" - 1.1/2"

SKU 343366 **104<sup>99</sup>**  
 NES2

- Also Repairs Damaged Threads On Pipes from 3/8" to 1-1/8"



### Thread Chasers

**OEM TOOLS**

#### Spark Plug Hole Thread Chaser

SKU 070109 **11<sup>99</sup>**  
 25124  
 • Double End for 14 mm and 18 mm  
 • For Use with 13/16 in Deep Sockets  
 • Cleans Spark Plug Threads of Dirt and Carbon Build-Up  
**STORE STOCK**



#### Limited Access Spark Plug Chaser

SKU 607068 **12<sup>99</sup>**  
 25155  
 • Narrow Profile and Long Length Allows Access to Spark Plug Holes in Confined Spaces  
 • Use with a 3/8" Ratchet or Extension  
 • Size: M14 x 1.25  
**STORE STOCK**



#### Oxygen Sensor Thread Chaser

SKU 607067 **13<sup>99</sup>**  
 25255  
**STORE STOCK**  
 • Use with 3/8" Hex Socket or 3/8" Square Drive  
 • Size: M18 x 1.5



### Spark Plug Installation

**OEM TOOLS**

#### Heavy Duty Spark Plug Boot Plier

SKU 390900 **9<sup>99</sup>**  
 25542  
**STORE STOCK**  
 • Designed to Remove Hard-to-Reach Spark Plug Boots  
 • Has 45 Degree Offset Jaws for Easy Gripping of Wires and Boots  
 • Vinyl Coated Grips for Comfort  
 • Do Not Use When the Engine is Running



#### 3/8" Drive 9/16" Spark Plug Socket

SKU 265110 **22<sup>99</sup>**  
 25259  
 • 10" Long with Thin Wall Design to Reach Into the Cylinder Head  
 • Fits 2004-Newer Ford F-150 Pick-Up Trucks with 5.4L 3-Valve Triton V-8 Engines  
 • Chamfered Ends  
 • Chrome Plated to Resist Rust



**SCHRADE**



- Assisted Open, Finger Hole
- 2.5" 4034 Stainless Steel Blade
- 3.4" Black Aluminum Handle

SKU 452993 **47<sup>99</sup>**  
 SCHSA3DB

\* Products advertised may be considered illegal and may not be lawful to sell, purchase or own in specific areas.

**M&P**  
 by Smith & Wesson

#### M.A.G.I.C. KNIFE

- Assisted Open, 40% Serrated
- 3.4" 4034 Stainless Steel Blade
- 4.3" Aluminum Handle

SKU 452998 **63<sup>99</sup>**  
 SWMP6S

\* Products advertised may be considered illegal and may not be lawful to sell, purchase or own in specific areas.



# THREAD REPAIR

**AutoZone**  
Tool & Equipment **QUARTERLY**

## Spark Plug Thread Repair

### 14 mm Tapered Spark Plug Thread Repair Kit

SKU 141511 25647 **29<sup>99</sup>**

**STORE STOCK**

- Replaces Threads for 14 mm Tapered Spark Plug



### 14 mm Tapered Spark Plug Inserts

SKU 141512 25648 **11<sup>99</sup>**

**STORE STOCK**

- 6 Pieces in Three Lengths M14 - 1.25
- Drill Size: 14.25 mm; 9/16"

### M14 - 1.25 Spark Plug Thread Repair System

SKU 557108 25643 **29<sup>99</sup>**

**STORE STOCK**

- Replaces Threads for 14 mm Spark Plug
- Kit Includes: 3 Thread Inserts, Thread Installer Tool and Thread Tap
- Sizes: M14-1.25
- Not for Tapered Spark Plugs



### 14 mm Thread Inserts

SKU 557140 25644 **9<sup>99</sup>**

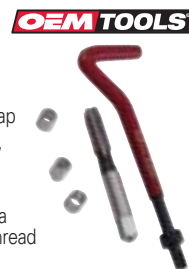
**STORE STOCK**

- 10 Pieces in Sizes M14 - 1.25 x 3/8", 1/2", 3/4"
- Drill Size: 14.25 mm; 9/16"
- Not for Tapered Spark Plugs

### M12 - 1.25 Spark Plug Thread Repair Kit

SKU 789141 25640 **44<sup>99</sup>**

- Kit Includes: 3 Thread Inserts, Thread Installer Tool and Thread Tap
- Designed for Retreading in All Materials Such As Alloys, Steels, Plastics, Magnesium, etc.
- Specified for Military, Aviation and Other Critical Usage
- Inserts Are Made from High Quality 18-8 Stainless Steel Wire with a Diamond Shaped Cross Section Wound to the Shape of a Spring Thread
- Not for Tapered Spark Plugs



## Drain Plug Repair

### Drain Plug Repair Kit

SKU 818569 CAL38400 **79<sup>99</sup>**

**NEW**

- Designed to Repair Aluminum Oil Pans With Damaged Drain Plug Threads Size M12 by 1.75 Commonly Found in GM, Ford and Mazda Vehicles
- The Drain Plug Repair Kit Contains A Drill, Counter Bore, Tap, Driver, Guide and Five 12 mm Inserts
- Repairs Stripped Drain Plugs without Leakage and Allows Users to Use Original Plug Instead of a Replacement



## Thread Repair

### Metric Thread Repair Kits

**\*STORE STOCK**

SKU	Part No.	Size	Price	SKU	Part No.	Size	Price
516472 *	25626	M6 - 1	<b>29.99</b>	516473 *	25627	M6 - 1	<b>6.99</b>
516474 *	25628	M8 - 1.25	<b>29.99</b>	516475 *	25629	M8 - 1.25	<b>7.99</b>
516477 *	25632	M10 - 1.5	<b>29.99</b>	516478 *	25633	M10 - 1.5	<b>7.99</b>

### Replacement Inserts

**\*STORE STOCK**



### SAE Thread Repair Kits

**\*STORE STOCK**

SKU	Part No.	Size	Price	SKU	Part No.	Size	Price
557009 *	25602	UNC 1/4" - 20	<b>22.99</b>	557116 *	25603	UNC 1/4" - 20	<b>6.99</b>
557017 *	25604	UNC 5/16" - 18	<b>22.99</b>	557124 *	25605	UNC 5/16" - 18	<b>6.99</b>
557090 *	25606	UNC 3/8" - 18	<b>22.99</b>	557132 *	25607	UNC 3/8" - 16	<b>7.99</b>
516464 *	25608	UNC 7/16" - 14	<b>29.99</b>	516465 *	25609	UNC 7/16" - 14	<b>7.99</b>
516467 *	25610	UNC 1/2" - 13	<b>29.99</b>	516468 *	25611	UNC 1/2" - 13	<b>9.99</b>

### Replacement Inserts

**\*STORE STOCK**

**OEM TOOLS**

## Drill Bits and Extractor Sets

### 35 Piece Master Screw Extractor/Drill Bit Set

SKU 099258 24377 **149<sup>99</sup>**

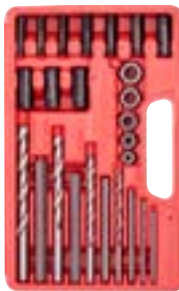
- Full Range of Spiral and Multi-Spline Extractors for Removing the Toughest Bolts and Screws from 3/32" to 15/16"
- OEM 135° Split Point Left Hand Cobalt Drill Bits, Start Easy and Drill the Toughest Metals



### 25 Piece Screw Extractor/Drill and Guide Set

SKU 099215 24376 **39<sup>99</sup>**

- Can Be Used On Thread Sizes 5 mm to 16 mm
- Turns Broken Fastener Out and Permits Highest Torque without Expansion
- Comes in a Blow Mold Case



### 10 Piece Bolt Extractor Set

SKU 231204 25467 **19<sup>99</sup>**

**STORE STOCK**

- (5) Mechanic's Length R.H. Cobalt Drill Bits
- Set Includes Size Extractors: #1, #2, #3, #4, #5 and Bits: 5/64", 7/64", 5/32", 1/4" and 19/64"



### 10 Piece Multi-Spline Screw Extractor Set

SKU 099281 24375 **39<sup>99</sup>**

- Contains Sizes from 1/8" - 13/32" in 1/32" Increments
- Can Be Used with Hand Sockets and Wrenches
- Constructed of High Carbon Steel for Strength Under Stressful Conditions
- Aggressive Left Hand Spiral Design Provides Extra Gripping Power



## Spark Plug Thread Repair for Ford Triton

### Ford Cylinder Repair Set

SKU 104283 24200 **259<sup>99</sup>**



## Comes with Instructional Video

- Repair of Ford Triton Modular Engines is Going to Be a Large Issue in Next 5 Years. Ford Triton Engines 1996 - 2003 Have a Problem with Spark Plug Thread Erosion, Resulting in Spark Plug Threads Coming Out During Tune-Up or Shooting Spark Plugs Out During Operation
- Current Repair Takes About 10 Labor Hours, this Tool Cuts Time to 30 Minutes to an Hour
- Works on Ford 4.6, 5.4, 6.8 V10 Engines

- Individual Inserts Available As Part Number 24203. The Patented Replacement Insert is a Permanent Fix That Does Not Have to Be Replaced with Every Tune-Up
- Patented Guide Makes Drilling and Tapping in a Straight Line Easy
- Set Includes: Instruction Sheet, DVD, (6) Inserts, Reamer Tap, Drill Bit, Expanding Tool and Air Blower Accessory Assembly

### Ford Triton 14 mm x 1.25 Repair Insert

SKU 104287 24203 **34<sup>99</sup> ea**



### Ford Triton 3 Valve Set

SKU 343388 CAL39300 **299<sup>99</sup>**

- Application: 2004-2008 Ford 4.6 and 5.4 3 Valve Engines that Have Spark Plugs that Are M16 x 1.5
- Includes (8) Inserts



### Ford Triton 16 mm x 1.5 3 Valve Insert

SKU 396658 CAL393-100 **22<sup>99</sup> ea**

- Note: THIS IS NOT the Replacement Insert for the Triton 2 Valve Kit



### Ford Spark Plug Porcelain Extractor Set

SKU 104290 24202 **29<sup>99</sup>**

- Used to Extract the Broken Porcelain from Broken Spark Plugs in 2003 to Current Ford Triton Engines
- In Some Cases the Porcelain Will Break Off in the Sleeve and Will Need to Be Extracted in Order for the 24201 to Function Effectively
- Unlike Other Tools that Tell You to Push the Porcelain Through the Sleeve (Ford Says Specifically Not to Do this) This Tool Adheres to the Porcelain Using a Special Adhesive and Then Allows a User to Extract the Broken Porcelain from the Sleeve

### Loctite 60800 5ml Replacement Adhesive

SKU 248475 24204 **15<sup>99</sup>**

### Replacement Pins

SKU 248476 24205 **16<sup>99</sup>**



## FIX-A-THRED®

### Ford Triton Plug-Saver® Kit

SKU 094873 FIX98140T **149<sup>99</sup>**

- Designed to Specifically Repair the Spark Plug Ports in 4.6, 5.4 and 6.8 Ford Triton Engines
- Repairs Worn, Damaged Threads
- Self Cutting Tap
- Includes Tap, Tool and Eight Inserts in a Sturdy Case



### Inserts (Pack of 8)

SKU 110263 FIX98149P **27<sup>99</sup>**



### Broken Spark Plug Remover Ford Triton 3 Valve

SKU 489173 LIS65600 **99<sup>99</sup>**

- Includes a Unique Porcelain Pusher Tool and a Tapered Left Hand Thread Remover for Removing the Broken Spark Plug without Leaving the Porcelain in the Engine Cylinder



# SPECIALTY TOOLS

**BONUS**

with Purchase of:  
**BigEasy™ Glo with Easy Wedge Lockout Kit**  
SKU 964494 | Part# STK32955

**BigEasy™ Carrying Case**  
SKU 227873 | Part# STK32935

**VALUE:**  
**\$29.99**

## BigEasy™ Glo with Easy Wedge Lockout Kit

SKU 964494  
STK32955 **74<sup>99</sup>**

- Glow-in-the-Dark Yellow Allows You to See the Tool at Night or Through Tinted Windows
- Easy Wedge Offers Controlled Opening of the Car Door for Inserting the BigEasy Glo

BigEasy™ GLQ / Easy Wedge Kit



Offer Good Through March 31, 2016  
While Supplies Last

## Lockout Tools

### BigEasy™ Carrying Case

SKU 227873  
STK32935 **29<sup>99</sup>**

- Made of Soft, Yet Firm, Material to Protect Your BigEasy Kit
- Custom Pockets for the BigEasy, Non-Marring Wedge, Lock Knob Lifter and Easy Wedge
- Makes it Convenient to Stow Your BigEasy Kit in Your Truck

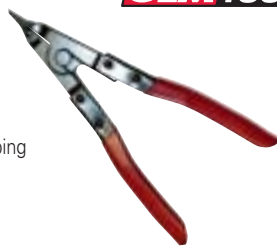


## Shop Tools

### Angle Tip Lock Ring Pliers

SKU 191055  
25354 **16<sup>99</sup>**

- Jaws Are Scored On the Outside for Secure Gripping
- Spring Loaded Jaws
- Spread: 3/4"
- Length: 8-1/4"



### Professional Snap Ring Plier Set

SKU 141502  
25356 **16<sup>99</sup>**

**STORE STOCK**

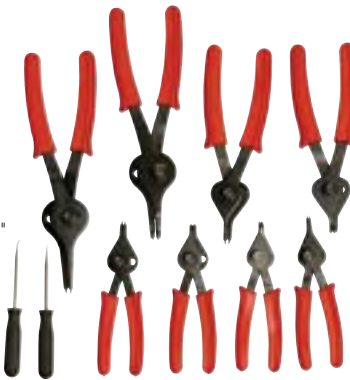
- 180°, 90° and 45° in One
- Tip Size: 0.8 mm, 1.2 mm, 1.4 mm, 2.0 mm



### 10-Piece Snap Ring Plier Set

SKU 900819  
27180 **61<sup>99</sup>**

- For Both Internal and External Rings
- Set Includes: 5-1/2" Bent Pliers with .038" Tip; 6" Straight Pliers with .038" Tip; 5-1/2" Bent Pliers with .047" Tip; 6" Straight Pliers with .047" Tip; 7-1/2" Bent Pliers with .070" Tip; 8" Straight Pliers with .070" Tip; 8-1/2" Bent Pliers with .090" Tip; 9" Straight Pliers with .090" Tip
- Also Includes Two Stainless Steel Handled Picks



### BigEasy™ Lockout Tools Kit

SKU 964491  
STK32900 **39<sup>99</sup>**

- High Visibility Pink Powder Coating and Improved Non-Marring Wedge
- Lock Knob Lifter for Cars with Flat Lock Knobs at the Top of the Door
- Paint Protector Reduces Friction Between the Car Door and the BigEasy

Classic BigEasy™ Kit



**STECK**



SCAN FOR DETAILS

### BigEasy™ Easy Wedge (Inflatable)

SKU 964493  
STK32922 **34<sup>99</sup>**

- Inflatable Controlled Opening of Car Door for Insertion of the BigEasy



### BigEasy™ Loop

SKU 964492  
STK32903 **17<sup>99</sup>**

- Clips to Any BigEasy to Allow Grabbing of Door Handles and Locks, It Even Glows in the Dark
- Provide Easy Leverage to Pull Door Handles and Window Cranks During the Door Unlocking Process
- Handy Accessory Tool Easily Snaps On the End of the BigEasy Tool Avoiding Need to Purchase Additional, More Costly Specialty Tools

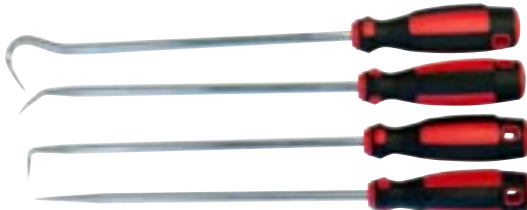


**STECK**

### 4 Piece 15" Jumbo Pick Set

SKU 094658  
25940 **29<sup>99</sup>**

- Includes: Straight, 90° Offset and Hook Pick
- Chrome Vanadium Steel for Strength and Durability
- Black Oxide Finish to Resist Rusting
- Cushion Grip Handles



## Dead Blow Hammers

### Professional Grade Quality

- One Piece, Hot Cast Polyurethane Construction
- Safety Red
- Maximum Dead Blow Non-Bounce Action
- Textured, Non-Slip, Comfort Contoured Handle

### Dead Blow Sledge Hammers



**TRUSTY-COOK**  
INCORPORATED

**LOWER PRICE**

**MADE IN THE USA**

### Dead Blow Ball Pein

### Dead Blow Hammers



SKU	Part #	Retail Name	Weight	Face Diameter	Head Length	Overall Length	Price
420347	TCHBP16	Ball Pein - 16	26 Oz	1"	4.1875"	12.75"	<b>39<sup>99</sup></b>
420349	TCHBP24	Ball Pein - 24	36 Oz	1.25"	4.5"	13"	<b>44<sup>99</sup></b>
420351	TCHBP32	Ball Pein - 32	47 Oz	1.75"	4.8125"	13.625"	<b>49<sup>99</sup></b>
420352	TCHBP40	Ball Pein - 40	50 Oz	1.75"	4.8125"	16.5"	<b>59<sup>99</sup></b>
420353	TCH7	Soft Face Sledge - 7	5.5 Lb	2.75"	7"	20"	<b>59<sup>99</sup></b>
420354	TCH14	Soft Face Sledge - 14	12 Lb	3.25"	8"	36"	<b>129<sup>99</sup></b>
420343	TCH1	Soft Face Hammer - 1	21 Oz	1.75"	3.75"	11.25"	<b>19<sup>99</sup></b>
420344	TCH2	Soft Face Hammer - 2	26 Oz	2"	4.125"	12.75"	<b>24<sup>99</sup></b>
420345	TCH3	Soft Face Hammer - 3	45 Oz	2.25"	4.625"	14.375"	<b>29<sup>99</sup></b>
420346	TCH4	Soft Face Hammer - 4	53 Oz	2.75"	5.375"	15.25"	<b>44<sup>99</sup></b>

**OEM TOOLS**



### 3 Piece Dead Blow Hammer Set

SKU 900804  
25517 **26<sup>99</sup>**

- 1/2 Lbs. 1 Lbs. and 2 Lbs.
- Soft Rubber Handles for Non-Slip Grip
- Steel Shot Filled for More Force
- Non-Spark Material Used

## Rivet Tools

### Deluxe Riveter Kit

SKU 094877  
MAR39001Kit **39<sup>99</sup>**

**The Choice of Professionals**

- Kit Includes: HP2 Riveter. (Sets Up to 3/16" Diameter Rivets), (200) Rivets and Molded Case
- 39003 Same as 39001 but Contains (200) Assorted Klik-Fast Stainless Steel Rivets



SKU 094879  
MAR39003Kit **39<sup>99</sup>**  
Stainless Steel

### Industrial Riveter

SKU 291353  
25921 **49<sup>99</sup>**

- For Use with Steel and Aluminum Rivets Noses: 1/8" (3.2 mm), 5/32" (4.0 mm), 3/16" (4.8 mm), 1/4" (6.4 mm)
- 18" Overall Size with Long Handle Provides More Leverage



**OEM TOOLS**

### Big Daddy® Hand Riveter

SKU 094886  
MAR39031 **139<sup>99</sup>**

**The Big Daddy is the Most Versatile and Powerful Hand Riveter. Sets Large Diameter Blind Rivets**

- Double Gear Reduction System Easily Sets from 1/8" to 1/4" Diameter Klik-Fast Rivets in All Alloys Including 1/4" Klik-Split® Rivets
- Comes with 5/32", 3/16" and 1/4" Nose Pieces Stored in the Body



**marson**

### KLIK-LOK Plastic Rivet Setter

SKU 222531  
MAR48005 **59<sup>99</sup>**

- Includes a Universal Nose Piece that Sets All Plastic Rivets



**marson**

### Air Over Hydraulic Powered Rivet Tool

SKU 222750  
MARAK-175 **449<sup>99</sup>**

- Sets 1/8" - 1/4" Steel Rivets with Up to 3,500 Lbs. of Pull Capacity
- Unique Jaw System Accommodates 1/8" - 1/4" Rivet Sizes by Simply Changing the Nose Assembly (No Tools Required)



**marson**





Contact Us:  
**1-877-AZTool1** Phone  
 (1-877-298-6651) *Hablamos Español*

**AutoZone**  
 Tool & Equipment **QUARTERLY**

## Remote Starters

**OEM TOOLS**

### Remote Starter Switch

SKU 265124  
25330

**19<sup>99</sup>**

- Heavy Clips with Insulated Sleeves Attach to Ground and Starter Solenoid Switch Thumb Activated Switch
- 6' Heavy Insulated Wire for Long Tool Life



### Heavy-Duty Remote Starter Switch

SKU 265127 | 25331

**39<sup>99</sup>**

- Heavy Duty, Push Button Remote Starter Allows Technicians to Bump or Crank Engines While Under the Hood
- 5' Heavy Insulated Wire for Long Tool Life
- Heavy Duty Insulated Alligator Clips

LED Indicator  
Light Shows  
Current is  
Present



**SAVE \$40**

### Relay Circuit Tester

**OEM TOOLS**

SKU 383450  
27211

**99<sup>99</sup>**

REG: \$139.99

- Includes: Tester, (5) Popular Relay Leads, (1) Universal Relay Lead
- Used to Test Relay Circuits in Late Model Vehicles
- Can Also Be Used to Perform Easy Combination Tests, Fuel Pressure Tests and Jump Relay for A/C Fill
- Set Comes in Blow Mold Case for Storage



Offer Good Through March 31, 2016 - While Supplies Last

**DID YOU KNOW?**

**AutoZone Carries Vehicle Make Specific Body Fastener Kits.**

Contact Your AutoZone Commercial Sales Manager for Details

## Relay Tools



### Relay Puller Pliers

SKU 291342  
LIS46950

**23<sup>99</sup>**

- Works On Many Heavy Duty and Industrial Applications
- Allows Relay to Pop Free from Socket with Less Chance of Damaging the Relay



### Relay Test Jumper Set II

SKU 291341  
LIS60610

**74<sup>99</sup>**

- Set Includes Four Jumpers to Fit Many Popular Relays on Honda, Nissan, Toyota, Newer Ford and GM Mini Micro Relays As Well As International Trucks
- Set Comes in Blow Mold Case for Storage



### Relay Test Jumper Set

SKU 291333  
LIS56810

**74<sup>99</sup>**

- Set Includes Four Jumpers to Fit the Most Popular Size Relays On Domestic and Import Vehicles
- Jumpers Have Tabs for Clamping and Flat Pads to Place Test Leads On
- Set Comes in Blow Mold Case for Storage



## Circuit Testers

**OEM TOOLS**

### Digital Display Circuit Tester

SKU 568468  
24451

**49<sup>99</sup>**

- Detect Voltage, Power, Ground and Circuit Condition
- Display Provides Precise Voltage
- Voltage: 5-30V DC
- Computer Safe - Do Not Use On Airbags



Voltage Display



## Terminal Tools

**OEM TOOLS**

### Wire Terminal Tools

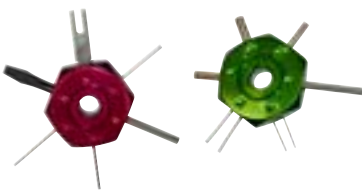
SKU 191676  
25228 (Green)

**19<sup>99</sup>**

SKU 255953  
25229 (Red)

**19<sup>99</sup>**

- Fits Most GM and Domestic Motors, Computer Connectors and Terminals
- Designed to Remove Wires from Terminals without Damaging Either
- Prongs Depress the "Barbs" On Conventional Terminals

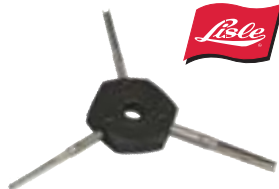


### Deutsch Terminal Tool

SKU 222527  
LIS59600

**32<sup>99</sup>**

- Works On OEM Electrical Connectors Used On Trucks and Equipment: Caterpillar, Kenworth, Peterbilt, Freightliner, Mack and More



### 19-Piece Master Terminal Tool Kit

SKU 447159  
27169

**109<sup>99</sup>**

- The Latest Tools for Coolant Sensors, Wiring Harnesses and Terminal Blocks on Most Modern Vehicles
- Eliminates Potential Damage to Wires or Terminal Blocks
- Application Chart Included Inside Storage Case



## Wire Strippers/Crimpers

**OEM TOOLS**

### Wire Cutter/Stripper Combo

SKU 191685  
25192 (Small)

**16<sup>99</sup>**

- Used for Soft Copper, Electrical Wires
- Self-Adjusts to Wire Sizes: 14 AWG to 26 AWG
- Grab, Hold and Strip Wire in One Quick Motion
- Jaws Are Made of Surgical Steel



## Ignition Tester

**OEM TOOLS**

### In-Line Ignition Spark Tester

SKU 900800  
25227

**8<sup>99</sup>** STORE STOCK

- Quickly Troubleshoot Ignition System
- "Hands-Free" Device Connects In-Line Between Sparkplug and Plug Wire
- Shows a Duplicate View of the Ignition Spark
- Technician Can Visually Check Condition of Ignition System at Each Cylinder



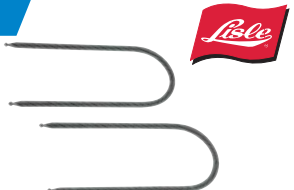
## Radio Remover

### Radio Remover

SKU 222508  
LIS11770

**16<sup>99</sup>**

- Disengages Radio Retaining Clips On Fords and Imports for Removal



## Fuse Buddies



### 3-in-1 Tester

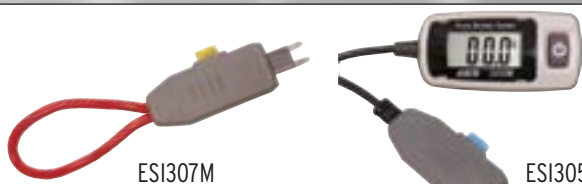
#### Fuse Buddy Pro Tester Kit

SKU 374602  
ESI310

**89<sup>99</sup>**

#### 3 Interchangeable Test Functions:

1. 30 Amp MINI Circuit Amperage Testing
2. 30 Amp ATC Circuit Amperage Testing
3. 30 Amp All Purpose Amperage Testing



ESI307M

**Fuse Buddy Current Loop Mini**  
**Fuse Buddy Tester Mini 30 Amp**  
**Fuse Buddy Tester ATC 30 Amp**



ESI305M

SKU 374610  
SKU 374613  
SKU 374603



ESI306B

ESI307M  
ESI305M  
ESI306B

**24<sup>99</sup>**  
**29<sup>99</sup>**  
**29<sup>99</sup>**



# SPECIALTY TOOLS

## Disconnect Tools



### 4 Piece Disconnect Set

SKU 864648 25150 **19<sup>99</sup>**

STORE STOCK

- Sizes: 1/4", 1/2", 5/16" and 3/8"



### 15 Piece Master Disconnect Set

SKU 900807 27195 **39<sup>99</sup>**

- Includes Fuel and Transmission Line Disconnect Set, Oil Cooler Line Remover, Air Conditioning and Fuel Line Disconnect Tool



### 22 Piece Disconnect Master Set

SKU 900817 27177 **79<sup>99</sup>**

- Includes Quick Connects Set, Air Conditioning and Fuel Line Disconnect Tools

### A/C and Fuel Line Disconnect Tool Set

SKU 246366 25042 **7<sup>99</sup>**

STORE STOCK

- Range: A (3/4"), B (5/8"), C (1/2") and D (3/8")



### Fuel Line Disconnect Tool

SKU 246367 25043 **7<sup>99</sup>**

STORE STOCK

- Fits Any 5/16" or 3/8" Fuel Line Found on GM, Ford and Chrysler Vehicles



### A/C and Fuel Line Quick Connect Tools

SKU 002356 25052 **9<sup>99</sup>**

STORE STOCK

- Easily Disconnects Air Conditioning Lines and Quick Connect Fuel Lines

### Quick Connect Tools

SKU 363869 25184 **12<sup>99</sup>**

STORE STOCK

- Sizes: 3/8", 1/2", 5/8" and 3/4"
- Enables Quick and Easy Disconnect of Air Conditioning Couplings



### 3 Piece 1/2" Oil Line Disconnect Set

SKU 094653 25187 **26<sup>99</sup>**

- Used to Remove and Replace Oil and Transmission Cooler Lines On GM, Ford, Nissan and Toyota



### 4 Piece Disconnect Set

SKU 948999 25183 **24<sup>99</sup>**

STORE STOCK

- Includes: 1/2", 5/8", 3/4" and 7/8"



### Over-Tank Fuel Pump Disconnect Set

SKU 695115 33627131 **16<sup>99</sup>**

- 5/16" and 3/8"



### Heater Hose Disconnect Tool

SKU 695607 33627106 **20<sup>99</sup>**

- Removes Heater Hoses with 5/8" or 1/4" Quick Disconnect Couplings on '86 to Current Ford Aerostar Vans and '01 to Current Full Size Ford Vans
- Works on Rear Heater Hose Couplings on '86 to Current Chrysler and Plymouth



### Ford Clutch Disconnect Tool

SKU 695116 33627130 **11<sup>99</sup>**

- Works on 1988 to Present Ford Vehicles and Light Trucks with Hydraulic Clutches



### Fuel Module Disconnect

SKU 291418 LIS37500 **14<sup>99</sup>**

- Fits Both 3/8" and 5/16" Connectors and Applications
- Tool Can Be Clipped Together for Convenient Storage



### AC/Fuel Line Tool Set

SKU 222520 LIS37000 **17<sup>99</sup>**

- Set Includes (6) Sizes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"



### Angled Disconnect Set

SKU 291416 LIS39400 **22<sup>99</sup>**

- Disconnects Spring Lock Couplings On Ford and Chrysler AC Lines
- Works On Fuel Lines and Other Quick Disconnect Couplings On Domestic and Import Vehicles
- (6) Sizes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"



### Fuel and AC Disconnect Pliers

SKU 343391 LIS37300 **27<sup>99</sup>**

- Unique Design Provides Extra Leverage When Disconnecting Quick Connect Coupling Air Conditioning and Fuel Lines



### Master Disconnect Tool Set

SKU 291413 LIS39900 **59<sup>99</sup>**

- Contains (8) Tools for A/C and Fuel Lines
- Comes in a Blow Mold Case



### Coolant Hose Removal Tool Set

SKU 383214 CAL244TNZ **29<sup>99</sup>**

- Used to Completely Fill the Void in the Connector to Release the Fastener
- 40° Offset Designed for Jobs Up Against the Firewall or in Tight Spaces



### Fuel/Transmission Line Disconnect Tool Set

SKU 526503 WLMW89330 **19<sup>99</sup>**

- Fuel Line Disconnect Tools in Sizes: 5/16, 3/8 and 1/4 Inches
- Oil Cooler Line Disconnect Tool
- Fuel Line Coupling Tool
- Ford & Mercury Oil Cooler Line Disconnect Tool
- Ford & GM Quick Disconnect Tool



While Supplies Last

### Master Disconnect Set

SKU 452636 WLMW89331 **39<sup>99</sup>**

- Performance Master Disconnect Set Includes Disconnect Tools for Air Conditioning, Fuel, Heater, Transmission and Power Steering Lines
- O.E. Tool Identification Number Included
- Tools Color Coded for Easy Identification



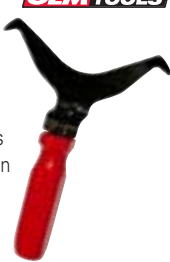
While Supplies Last

## Windshield Tools

### Window Molding Clip Remover

SKU 265130 25338 **14<sup>99</sup>**

- Use to Release Body Molding Clips
- The Double-Sided Design Works On a Variety of Clip Configurations
- Made with Heat-Treated Carbon Steel for Strength



### Universal Wiper Arm Puller

SKU 265136 25339 **29<sup>99</sup>**

- Prevents Damage to Wiper Arm
- Cross-Piece Special for Wiper Featuring a Nozzle



### Double Head Suction Cups

SKU 291351 24246 **16<sup>99</sup>**

- Twin Head Suction Cups Help Remove Windshields
- ABS Rubber Cups Grab Hold to Glass
- Flexible Handle Bends to Windshield



### 18" Professional Windshield Knife

SKU 480782 CAL53100 **24<sup>99</sup>**

- Length: 18"
- Constructed of Heavy Duty Steel and Aluminum and a Padded Ergonomic Handle



### Windshield Wiper Arm Puller

SKU 191681 25319 **15<sup>99</sup>**

- Easily Removes Wiper Arms On Most Domestic and Foreign Vehicles



## DID YOU KNOW?



**AutoZone Has Availability on MOOG Hub Bearings.**

**Contact Your AutoZone Commercial Sales Manager for Details**



# PAINT AND BODY

## Grinding Wheels

### Depressed Center Hubless Grinding Wheels

4.5" x 1/4" x 7/8" (10 Pack)

SKU 459136 **29<sup>99</sup>**  
SHA12661

- Fits 4-1/2" Angle Grinder
- Great for Auto Body Work As Well As All Types of Metal Fabrication and Steel Finishing/Removal
- Max. RPM: 11,900



### Depressed Center T27 Hub Grinding Wheels

4.5" x 1/4" x 7/8" - 5/8" - 11NC (10 Pack)

SKU 459155 **39<sup>99</sup>**  
SHA12662

- Fits 4-1/2" Angle Grinder with 5/8" - 11NC Arbor
- Great for Auto Body Work As Well As All Types of Metal Fabrication and Steel Finishing/Removal
- Max. RPM: 11,900



### 14" x 1/8 x 1" Cut-Off Wheel (5 Pack)

SKU 459158  
SHA12663

**49<sup>99</sup>**

- Use On Stationary Chop Saws
- Max. RPM: 4,400



## Air Sanders and Polishers



### High Speed Air Sander\*

SKU 466594 **39<sup>99</sup>**  
25764

- 90 PSI
- 4.5 CFM Air Consumption
- 14,00 RPM Free Speed
- Sound Level 88 Decibels
- Weight 2-1/2 Lbs.

\*While Supplies Last



### Dual Action Air Sander

SKU 011577 **49<sup>99</sup>**  
33625830

- Air Consumption: 4.0 CFM
- Free Speed: 10,000 RPM
- Pad Size: 6"
- Recommended Air Pressure: 90 PSI
- Recommended Hose Size: 3/8"
- Weight: 3.87 Lbs.



### 2" Surface Prep Tool

SKU 094650 **49<sup>99</sup>**  
25778

- 4 Position Air Volume Control
- RPM: 20,000
- CFM: 3
- Quick Change "Twist Lock" Mandrel

All Twist Lock Accessories Work with this Sander



### 6" Dual Action Sander

SKU 970475 **79<sup>99</sup>**  
IRTIR311A

- Dual Action Pad Motion Reduces Swirl
- Built in Silencer for Quiet Operation



### Straight Line Sander

SKU 970479 **149<sup>99</sup>**  
IRTIR315

- Twin Piston Design for Smooth Operation
- 3,000 Strokes Per Minute
- Quick-Action Paper Clamps



### Orbital Sander

SKU 970476 **169<sup>99</sup>**  
IRTIR312A

- 8,000 RPM Free Speed
- One Hand Operation
- Contoured Palm Grip

### Heavy-Duty Angle Sander

SKU 970477 **249<sup>99</sup>**  
IRTIR313A

- 5,000 RPM Free Speed
- Lightweight, Only 4-1/2 Lbs.
- Ball Bearing Construction for Long Life



### Heavy-Duty Buffer Polisher

SKU 970478 **269<sup>99</sup>**  
IRTIR314A

- Hi-Speed Range: 1,500-2,500 RPM
- 7" Backing Pad
- Handles the Toughest Polishing and Buffing Jobs



## Hood Props

### Telescopic Hood Support

SKU 420337 **19<sup>99</sup>**  
24211

- A Simple Turn Unlocks and Locks Support in Place
- Rubber End Caps Protect Vehicle's Finish
- 21" When Closed and Almost 48" When Fully Extended
- Compact and Easy to Store



### Hood Prop with Adapter

SKU 291352 **39<sup>99</sup>**  
LIS46170

- Includes a Support to Help Prevent Slipping
- 3 Piece Telescoping Shaft Locks in Any Position - (Telescopes from 20" to 4-1/4")



### Universal Lift Support Adjuster

SKU 191671 **16<sup>99</sup>**  
25307

- Holds Weak Gas Charged Lift Supports Open On Hoods, Tailgates, Hatchbacks and Trunks
- Aluminum Body and Brass Threads Prevent Damage to the Lift Support Shaft



## Door Tools

### Door Hinge Adjuster

SKU 447144 **49<sup>99</sup>**  
25946

- Adjusts Door Hinge Position On Most Vehicles
- Two Head Adapter Works with Large and Small Latches



### 5 Piece Door Panel and Trim Tool Set

SKU 989263 **39<sup>99</sup>**  
25312

- Comprised of Three Door Panels and Two Trim Tools
- Textured, Comfortable Grips with Thumb Stop and Hanging Hole



### Door Spring Tool

SKU 447118 **16<sup>99</sup>**  
25336

- Quickly and Easily Remove or Install Door Hinge Springs
- Designed for GM Cars and Light Trucks



### Door Panel Remover

SKU 048579 **9<sup>99</sup>**  
25313

- For Easy Removal of Door Panel Clips without Damage



### Window and Door Clip Remover/Installer

SKU 191679 **9<sup>99</sup>**  
25311

- Works On GM, Ford and Other Vehicles Using the Common "C" Type Clip



## Body Tools



### 7 Piece Body Tool Set

SKU 900813 **49<sup>99</sup>**  
25924

- Standard Bumping Hammer
- Pick and Finish Hammer
- Reversed Curve Hammer
- Shrinking Dolly
- Two Ended and Curved Dolly

### Trim Clip Pliers Set

SKU 447152 **39<sup>99</sup>**  
25947

- Quickly Removes Plastic Anchors that Have Center Pins without Damage to Pins or Anchors



### Hog Ring Pliers Set

SKU 447162 **44<sup>99</sup>**  
25931

- Use On the Upholstery Work of Most Domestic and Foreign Cars
- Includes 45° and Straight Hog Ring Pliers



### Panel Clip Pliers

SKU 447154 **24<sup>99</sup>**  
25930

- Minimizes Risk of Damage to the Clip and Panel During Removal



### Body Clip Pliers

SKU 094657 **22<sup>99</sup>**  
25923

- Designed to Remove Any Clip Found On Trim, Bumpers, Etc.
- Steel Levers Enclosed in Plastic, Prevents Scratches



### 5 Piece Fastener and Molding Remover Set

SKU 900801 **17<sup>99</sup>**  
25314

- Includes (5) Tools for Easy Removal of Fasteners, Molding, Wheel Hubs and More
- For Use On Internal and External Vehicle Molding and Trim Fasteners



### Easy Pry Tool

SKU 222857 **19<sup>99</sup>**  
STK21730

- Non-Marring Wedge
- 1" Blade with a Curved Clip End that Allows Easy Access and Removal of Plastic Bezels, Moldings, Trim and Panels without Scratching the Surface



### Air Bag Release Tool for GM

SKU 191678 **16<sup>99</sup>**  
25310

- Fits Most GM Cars, Minivans and Light Trucks
- Tips Are Tapered to Make Removal Easier



### Super Dent Puller Set

SKU 265148 **169<sup>99</sup>**  
25922

- 12 Lbs. Hammer, Slide Hammer Shaft, Slide Hammer Handle, Slide Hammer Adapter, Deep Hook, Short Hook, Door Edge Tool, Claw, Straight Driver, Hook and Chain, Sheet Metal Screw and Holder, Nose Piece with Screw
- Comes in a Blow Mold Case

