STOP the Knock!

- Cam Phaser Knock on the 4.6L/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
- Last Guide Suggests 8½ Hours
- Easy to Follow DVD Instructions

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

Cam/Crankshaft Tools

Honda Crankshaft Pulley Holding Tool SKU: 271379 39.99

- Holds Crankshaft Damper When Tightening/Loosening Camshaft Bolts on Honda and Acura Engines 1500 to Present

Ford Cam Phaser Noise Repair Kit (4.6L/5.4L 3V Engines)
SKU: 494959 LME1503V 699.99

Kit Includes:
- Wedge Tool for Easier Installation
- Programmer w/ OBD-II Cable
- 2) OEM Quality Phaser Bolts
- 2) Lock Outs
- Instructional DVD

PRODUCT MADE BY HIGH PERFORMANCE ENGINE SPECIALISTS

Cam/Crankshaft Tools

Cam Adjuster SKU: 222504 41.99

- Adjusts to Fit Different Size Cam Springs
- Holds Cam Sprocket in Place While Replacing Cam Bolt
- Works on All Single and Dual Overhead Cam Springs with Holes

Camshaft and Crankshaft Seal Tool Kit SKU: 547899 24386

- Easily Remove and Install Camshaft and Crankshaft Seals
- Compact Plier with Unique Extracting Mount Design 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

Universal Cam Adjuster SKU: 19677 229.99

- Easy-On/Off Bearings
- For Engines - Also Works on GM V6 2.8L
- Includes: Aluminum Camshaft Bar, Plus One Short Tip Seal Center Tool, One Long TDC Timing Pin

Valve Tools

Valve Spring Compressor SKU: 526501 BMW187140D

- You Set Size, Brand Sizes for Multiple Applications and the Plug Can Be Used Parallel or Perpendicular to the Cylinder Block
- Suits Comes in a Blow Mold Case
- 2.78” – 3.18” (73 – 79 mm)
- 3.50” – 3.68” (89 – 92 mm)
- 4.35” – 1.78” (112 – 180 mm)
- 3.75” – 4.10” (98 – 106 mm)

Push Rod Remover SKU: 459100 LM154000

- Re-designed for newer 3.5L and 5.6L GM Engines
- Also Works on GM V8 3.4L, 3.8L and 3.4L
- Quickly Removes Push Rods to Replace the Intake Valves with the Right Cylinders

DOC Cam Lock Holder SKU: 291497 LM58900

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

Universal Cam Tool Kit SKU: 332706

- Ease of Use
- Great for Long Term Repair
- Can Be Used With or Without Valve Train Repairs on Most Cars
- Kit Includes: (2) Driving Plugs, (2) Driving Expander Unit, (5) Split Driving Shaft Extension, (1) Crank Seal Tool, (1) 8” Socket, (1) Driving Collar, and (1) Storage Bin

Valve Spring Compressor SKU: 332706

- Used to Compress Overhead Valve Springs without Removing Cylinder Head
- Adapter to Fit the Springs of Most Cars
- Features Sliding Tri-Handles for Close Clearances
- Rust Resistant Finish

Ford Valve Spring Compression Kit SKU: 26366

- Designed for Newer Ford, Mercury & Mazda Engines
- Quickly Removes Push Rods to Replace the Intake Valves with the Right Cylinders

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

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- Programmer w/ OBD-II Cable
- 2) OEM Quality Phaser Bolts
- 2) Lock Outs
- Instructional DVD

Cam/Crankshaft Tools

Piston Tools

Piston Ring Compressor (2.0”– 7”) SKU: 393921 13.99

-Constructed of High Grade Spring Steel with a Square Drive Adjuster
- Swaged Edge Prevents Tool from Entering Cylinder

Piston Chop SKU: 695604 33670308 25.99

- Blades are Set in a Round Head Which May Be Positioned to Bring the Desired Blade into Position

Piston Ring Compressor (3.5”– 7”) SKU: 531947 16.99

- Constructed of High Grade Spring Steel with a Square Drive Adjuster

Piston Ring Compressor SKU: 695603 3367040 25.99

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

Piston Ring Compressor SKU: 526501 BMW187140D

- You Set Size, Brand Sizes for Multiple Applications and the Plug Can Be Used Parallel or Perpendicular to the Cylinder Block
- Suits Comes in a Blow Mold Case
- 2.78” – 3.18” (73 – 79 mm)
- 3.50” – 3.68” (89 – 92 mm)
- 4.35” – 1.78” (112 – 180 mm)
- 3.75” – 4.10” (98 – 106 mm)

Valve Tools

Valve Spring Compression SKU: 526501 BMW187140D

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- Rust Resistant Finish

Push Rod Remover SKU: 459100 LM154000

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Ford Valve Spring Compression Kit SKU: 26366

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- Quickly Removes Push Rods to Replace the Intake Valves with the Right Cylinders

Valve Spring Compressor SKU: 526501 BMW187140D

- Used to Compress Overhead Valve Springs without Removing Cylinder Head
- Adjusts to Fit the Springs of Most Cars
- Features Sliding Tri-Handles for Close Clearances
- Rust Resistant Finish

Parallel Lift Spring Compressor SKU: 50063 7799

- Strong But Light-Weight - Weights Only 6 lbs.
- Works with Most Valve-In-Head and L-Head Engines as Well as Truck & Tractor Engines
- Capacity: 1” Springs
- (3) Pounds
- Includes Straight and Offset Jaws

Prices Subject To Change Without Notice. Please do not return purchases to the store. For information regarding warranty or repair and/or any questions or concerns, please call 1-977-A2ZDOIL.
# Fan Clutch Tools

## Universal Fan Clutch Holding Tool
- **SKU**: 695089
- **Price**: $49.99
- **Features**:
  - Adjustable Jaw for Most Water Pump Pulley Bolt Patterns, Including Pressed on Pulleys

## Universal Pulley and Fan Clutch Holder
- **SKU**: 547013
- **Price**: $69.99
- **Features**:
  - Fits Many Different Fan Clutches, Cam and Crank Pulleys With Slots on Holes
  - Pin Sizes: 6-10 mm, 11 mm, 10-12 mm, 13-16 mm
  - Adjustable Diameter: 1-1/2" - 8-1/8"

## Flexible Fan Clutch Wrench Set
- **SKU**: 620206
- **Price**: $79.99
- **Features**:
  - The OEM Master Fan Clutch Wrench Set Combines OEM #257980 and OEM #271761 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

## Pneumatic Fan Clutch Wrench Set
- **SKU**: 291409
- **Price**: $189.99
- **Features**:
  - Quickily Removes and Installs Fan Clutches When Repairing the Water Pump or Fan Clutch
  - Wrench Sizes are 36 mm, 1-1/4", 1-7/8", 41 mm, 42 mm, 1-27/32" and 2"

## Fan Clutch Service Set for Mercedes-Benz and BMW
- **SKU**: 527958
- **Price**: $199.99
- **Features**:
  - Remove Loos Nuts on Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models
  - Includes:
    - (1) Mercedes-Benz Fan Clutch Wrench - 36 mm, 40 mm and 65 mm Opening
    - (1) BMW Fan Clutch Wrench - 36 mm Opening
    - (1) BMW Fan Clutch Holding Wrench - 38 mm and 65 mm Opening
    - (1) Mercedes-Benz Fan Clutch Holding Tool

## Engine Cylinder Hones

### Flexible Cylinder Hone Kit
- **Detail**: 8-1/8" (205mm)
- **SKU**: 341234
- **Price**: $47.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

### Flexible Cylinder Hone
- **Detail**: 9-1/2" (240mm) / 8-1/2" (215mm)
- **SKU**: 341239, 341240
- **Price**: $47.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

### Engine Cylinder Hone Deglazer
- **Detail**: 1" (25mm)
- **SKU**: 341234
- **Price**: $47.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

## Fan Clutch Tools

### Fan Clutch Wrench Set
- **SKU**: 528200
- **Price**: $79.99
- **Features**:
  - The OEM Master Fan Clutch Wrench Set Combines OEM #271761 and OEM #427141 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

## Belt Tools

### Oil Pump Primer
- **Detail**: 4-1/8" (105mm)
- **SKU**: 342325
- **Price**: $59.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

### Throttle Depressors
- **Detail**: 40" Long
- **SKU**: 343384
- **Price**: $31.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

## Duramax Flywheel Lock
- **Detail**: 105-118mm
- **SKU**: 342342
- **Price**: $59.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

## Clutch Tools

### Self-Adjusting Clutch Tool Kit
- **Detail**: 523232
- **Price**: $64.99
- **Features**:
  - For Making Initial Adjustments on Optimal Self-Adjusting Clutch Replacement Assemblies

### Clutch Alignment Tool
- **Detail**: 523232
- **Price**: $64.99
- **Features**:
  - For Making Initial Adjustments on Optimal Self-Adjusting Clutch Replacement Assemblies

### Clutch Alignment Tool
- **Detail**: 523232
- **Price**: $64.99
- **Features**:
  - For Making Initial Adjustments on Optimal Self-Adjusting Clutch Replacement Assemblies

### Flywheel Turner
- **Detail**: 556066
- **Price**: $29.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

### Flex-Hone
- **Detail**: 6-1/8" (155mm)
- **SKU**: 343312
- **Price**: $53.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

### Throttle Pedal Depressor
- **Detail**: 40" Long
- **SKU**: 343384
- **Price**: $31.99
- **Features**:
  - For Turning and Holding Flywheels and Flexplates and Flywheel
  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models

### Throttle Pedal Depressor
- **Detail**: 40" Long
- **SKU**: 343384
- **Price**: $31.99
- **Features**:
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  - Easily Turn Engine from Thermo Viscous Fans Found on Mercedes-Benz, BMW and Many Ford Models
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Pitman Arm Pullers

- Pitman Arm and Ball Joint Front End Service Kit
  - SKu: 900820
  - 2723
  - • Services Pitman Arm, Tie Rod and Ball Joints
  - • Includes: Pitman Arm/Tie Rod End Puller, Ball Joint/Separation Pitman Arm Puller, Ball Joint/Tie Rod End Remover, Ball Joint/Tie Rod End Remover
  - • Comes in a Sturdy Blow Molded Case

- Heavy-duty Pitman Arm Puller
  - SKu: 695090
  - 90°
  - • Services Cars and Light Trucks 3/4 Ton
  - • Features Forged Adjustable Jaws and Two Clamp Bolts That Lock Jaws Together
  - • Pressure Screw Has Ball Head Designed for Sticking

- Inner Tie Rod Tool
  - SKu: 905620
  - 33/8786
  - • Heat Treated Frame for Strength and Durability
  - • Pressure Screw Has Ball Head Designed for Sticking
  - • For Use on Compact Cars and Smaller Pitman Arms
  - • 2-1/16” Opening

- Pitman/Tie Rod Arm Puller
  - SKu: 905618
  - 33/8702
  - For Use on Compact Cars and Smaller Pitman Arms
  - 2-1/16” Opening

- Drive-Line Impact Socket
  - SKu: 432019
  - 1/2” (12 mm) Ford Drive-Line Impact Socket
  - • 3/4 Ton Ford Drive-Line Impact Socket
  - • Fits Several Models 1965-2010

- Shock Tools

- Universal Shock Absorber Tool
  - SKu: 036300
  - 25038
  - • For Removing and Installing Shock Nuts
  - • Fits Many Shock Stems

- Inner Tie Rod Tool
  - SKu: 094645
  - 25296
  - • Used to Easily Turn Tie Rods
  - • Slide Tool Over the End and Tighten Collar to Allow Access with an Extension
  - • The Tool Can Remove Inner Tie Rod without Removing the Outer Tie Rod

- Tie Rod End Remover
  - SKu: 905086
  - 33/8717
  - • Used on Import and Many Front Wheel Drive Vehicles and Rack and Pinion Steering
  - • Pressure Screw/Tie Nut for Damage Free Removal and Will Not Damage the Tie Rod End Dust Boots

- CV Boot Tools

- CV Boot Driver
  - SKu: 695597
  - 336205/25
  - 2499
  - • Includes Holding Socket and Double-D Axle Center Socket
  - • Fits Several Models 1965-2010

- Tie Rod Nut Set

- 30 mm, 12-Point Axle Nut Socket
  - SKu: 001052
  - 2503
  - 1499
  - • Removable 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

- Master Inner Tie Rod Tool
  - SKu: 000557
  - L154600
  - 1499
  - • Works on Inner Tie Rods with Inaccessible Wheel Flats
  - • Includes 5 Crow Foot Keys for Work on Many Applications
  - • The Long Socket Slips Over the Tie Rod End and the Crown Foot Engages on the Socket for Easy Removal and Installation

Spring Compressors

- 30 mm, 12-Point Axle Nut Socket
  - SKu: 090501
  - 2520
  - 1599
  - • Fits Toyota/Lexus

- 39 mm, 12-Point Axle Nut Socket
  - SKu: 852515
  - 545650
  - 1599
  - • Fits Toyota/Lexus

- B-Piece, 12-Point Metric Axle Nut Socket Set
  - SKu: 542352
  - CAL756
  - 1399
  - • Fits Axle Nuts and Accessories
  - • Includes: Axle Nut Set, Metric Axle Nut Socket, Metric Axle Nut Remover, Metric Axle Nut Installer, Metric Axle Nut Puller

- Universal Seal Installer
  - SKu: 255777
  - L137620
  - 7999
  - • Used to Install Most Standard Wheel Bearing Races and Seals

- Pinion Shaft Seal Driver
  - SKu: 008955
  - L136050
  - 8999
  - • 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 Pitman Seals)

- Seal Puller
  - SKu: 048199
  - 2504
  - 1099
  - • Two Tips Fit All Seal Sizes

- Bearing Race and Seal Driver Set
  - SKu: 905169
  - 336207
  - 6099
  - • Used to Install Most Standard Wheel Bearing Races and Seals

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**SERVICE TOOLS**

**Torque Wrenches**

3/8” Drive Torque Wrench

- 100-600 Ft/Lbs. Range
- 150-900 Ft/Lbs. Range
- Range: 15-90 Ft/Lbs.
- Easy to Read/Window Scale

1/4” Drive Torque Screwdriver

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

Professional Micrometer Adjustable Torque Wrenches

1/2” Drive

- 25-150 Ft/Lbs. Range
- Heavy Duty 14 Teeth Pearl Shaped Ratchet Head
- Adjustable Clutch When Desired Torque Is Reached
- Both Clockwise and Counter-Clockwise Operation

3/8” Drive

- 10-100 Ft/Lbs. Range
- 45 Tooth Round Head Ratchet
- Adjustable Clutch When Desired Torque Is Reached
- Both Clockwise and Counter-Clockwise Operation

**Measuring Tools**

Feeler Gauge

- 0.001”
- 0.005”” Reading
- Measured in SAE or Metric

X-Tread Digital Tire Gauge

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

Electronic Digital Caliper

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

**Sensor Sockets**

Oil Pressure Switch Socket

- 1/2” Drive, 1” Drive
- Range 10-100000 psi
- Range: 10-1000 psi

Water Sensor Wrench Fits Aftermarket Sensors

- Accurate Oil Pressure Sending Units Up to 5000 psi
- Range: 10-100 psi

Water Sensor Wrench

- Universal Socket
- Range: 1/8” to 3/8”
- Range: 0.5 to 1.5

Oxygen Sensor Wrench

- 32/36 mm Used in SU/LH and Light Trucks
- Range: 0.3” to 1.7”

IPR Socket

- Range: 1-1/4”
- Range: 1-1/4”
- Range: 1-1/2”

7-Piece Sensor Socket Set

- Range: 1/8” to 3/8”
- Range: 0.1” to 1.0”

**Power Steering**

Did You Know?

We Carry Water Pump and Timing Component Kits.

Contact Your Commercial Sales Manager for Details.

**Did You Know?**

- We Carry Water Pump and Timing Component Kits.
- Contact Your Commercial Sales Manager for Details.

**Measuring Tools**

Feeler Gauge

- 16499
- CEN674
- 0.001”
- Accuracy: 0.005” Reading
- Measured in SAE or Metric

X-Tread Digital Tire Gauge

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

Electronic Digital Caliper

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

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While Supplies Last
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Harmonic Balancer Puller Retrofit Kit for GM
SKU: 695100
33627/06
10.99
• Use with OEM 33627/03, 27191 and 33627 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 V8 Engines
• Shoulers 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 Installer
SKU: 695105
33627/44
45.99
• Used to Properly Install Harmonic Balancers
• Set Includes: Jaw Screw, Jack Screw Nut, Pressure Bearing, 3/8” x 24 Bolt and 8-Thread Adapters
• Includes: Adapters; 12mm x 1.9m, 14mm x 1.5, 16mm x 2.5, 1/2” x 20, 9/16” x 18, 5/8” x 18, 7/8” x 14

Long Reach Harmonic Balancer Pulley Installer
SKU: 544785
24402
59.99
• Install Crank Pulley on Many Late Model Ford, GM, Dodge and Chrysler Vehicles with V8 and V6 Engines
• Includes: M12 x 1.75 – GM, M14 x 1.5 – Dodge, Chrysler, Jeep, M12 x 1.5 – Ford, Nut/Bearing Assembly

Chrysler Harmonic Balancer Puller
SKU: 695102
33627/39
75.99
• For Removal of the Harmonic Balancer on Many Chrysler and Mitsubishi Engines
• Heat Treated Jaws and Pressure Screw for Durability
• Two Adapter Kits for Different Sizing

Harmonic Balancer Installer
SKU: 343394
L551460
39.99
• Includes Harmonic Balancers on Drive Pulleys that Are Pressed on the Crankshaft
• Adapters: M12 x 1.5, M14 x 1.5, M16 x 2.0 x 7/16”, 10-32, 9/16”, 5/8” – 11, 5/8” – 18 and 3/4-16

Pullers
Harmonic Balancers/Steering Wheel Puller
SKU: 532440
29553
17.99
STORE STOCK
• Removable Balancers, Steering Wheels, Pulleys and/or Gears with Tapped Holes
• Folding Serval Helps Prevent Damage to Shaft End
• 4 Slots in Yoke; Use for 2 or 3 Hole Applications with 3/8”, 1/4”, 1/8”-18 and 5/32”-16 Bolt Sizes

2 Jaw Gear Puller 5-1/2" Reach, 6" Spread
SKU: 256494
WLMW91710
17.99
• Heavy-Duty Chrome Vanadium Construction
• Plated to Resist Corrosion
• Sold with 2 Jaws

2 Jaw 5-Ton Gear Puller 3-1/4" Reach
SKU: 141613
WLMW91725LT
25914
19.99
• 2 Jaw and 2 Ton Capacity
• 4-1/8”. Maximum Spread
• 3-1/4” Reach 4”
• Heavy-Duty Chrome Vanadium Construction
• Plated to Resist Corrosion

2/3 Jaw 2-Ton Gear Puller
SKU: 70134
25905
17.99
• Maximum Reach: 3-1/2”
• Maximum Spread: 4-3/4”
• Center Forcing Screw: 3/8” x 24” x 4.7/8”

2/3 Jaw 5-Ton Gear Puller
SKU: 21202
25999
17.99
• Reversible
• Maximum Reach: 5-1/2”
• Maximum Spread: 7”
• Used to Pull Gears with 2-3 Jaws

Slide Hammer Pullers
Slide Hammer Puller Set
SKU: 526498
WLMW91735
84.99
• 23 Jaw Internal and External Pullers
• Rear Axle Puller
• Locking Pliers Adapter
• Puller Hoist
• Dent Puller

9-Way Slide Hammer Puller Set
SKU: 900823
27891
84.99
• Pull Flange-Type Rear Axles and Most Front/Drive Wheel Hubs
• Internal and External Jaws Provide a Variety of Combinations to Pull Bearings, Gears and Rotors
• Two and Three-Way Cross Blocks
• Set Also Includes a Grip Wrench Adapter and a Dent Puller Attachment
• Designed for Use with Other Slide Hammer Adapter Attachments

Bearing and Pulley Puller Set
SKU: 900824
27190
89.99
• 4 Jaws For Lifting Axles, Timing Chain, Carrier Side Bearings, Chromoly Pulley and More

Mix Make Up To Eighteen Different Pullers!
**Tubing**

**Mini Tubing Cutter**
SKU: 5325907 | STORE STOCK | **6.99**

**OEM**

**In-Line Flaring Tool**
SKU: 25299 | STORE STOCK | **7.99**

**Double Flaring Tool**
SKU: 866447 | STORE STOCK | **19.99**

**In-Line Flaring Tool Kit**
SKU: 25299 | **24.99**

**Spark Plug Installation**

**Magnetic Spark Plug Sockets**

<table>
<thead>
<tr>
<th>SKU</th>
<th>Part No.</th>
<th>Item Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>30546</td>
<td>22085</td>
<td>3/16&quot; Drive Magnetic Spark Plug Socket</td>
<td>24.99</td>
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<td>30547</td>
<td>22086</td>
<td>5/32&quot; Drive Magnetic Spark Plug Socket</td>
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<td>30530</td>
<td>22090</td>
<td>Double Flare 3/8&quot; Drive Set</td>
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<td>22091</td>
<td>5/32&quot; Drive Double Flare Spark Plug Sockets</td>
<td>29.99</td>
</tr>
</tbody>
</table>

**Exhaust Tools**

**Exhaust Manifold Spreader Set**
SKU: 250311W | **19.99**

**Tailpipe Expander**
1-1/2" to 2-1/16" | **25.99**

**Tailpipe Expander**
2-1/8" to 3-7/16" | **35.99**

**Limited Access Spark Plug Chaser**
SKU: 607068 | **9.99**

**M12-1.25 Spark Plug Hole Chaser**
SKU: 607067 | **9.99**

**Internal/External Thread Repair Set**
3/16" to 8" | **8499**

**Multi-Purpose Tubing Bender**
SKU: 300785 | **49.99**

**Spark Plug Hole Thread Chaser**
SKU: 25170 | **19.99**

**Thread Chasers**

**M6-6G Internal/External Thread Repair Set**
SKU: 255904 | **19.99**

**External Thread Repair**

**OXYGEN SENSOR THREAD CHASER**
SKU: 260507 | **9499**

**Internal/External Thread Repair Set**
1/8" to 1" | **336290**

**External Thread Repair**

**OXYGEN SENSOR THREAD CHASER**
SKU: 260507 | **9499**

**External Thread Repair**

**OXYGEN SENSOR THREAD CHASER**
SKU: 260507 | **9499**

**Thread Repair**

**NES Sets Come with Extra Blade(s)**

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<tr>
<th>SKU</th>
<th>Part No.</th>
<th>Item Description</th>
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<tr>
<td>3334363</td>
<td>5599</td>
<td>6-Piece Internal/External Thread Repair Set</td>
<td><strong>5599</strong></td>
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<td>3334364</td>
<td>5499</td>
<td>3-Piece Internal/External Thread Repair Set**</td>
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<td>5499</td>
<td>3-Piece Internal/External Thread Repair Set</td>
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*Prices Subject To Change Without Notice. Please do not return purchases to the store. For information regarding warranty or repair and/or any questions or concerns, please call 1-877-AZTool1.*
Ford Triton 3-Valve Set
SKU 25640
Price: 29.99
Includes: 3 Thread Inserts, Thread Installer Tool and Thread Tap

Ford Triton 16 mm x 1.5 3-Valve Insert
SKU 25643
Price: 19.99 ea
These Inserts are Made from Magnesium, etc. Alloys, Steels, Plastics, and have a Replacement Pins 24204
SKU 25645
Price: 7.99

Spark Plug Extractor Set
SKU 248475
Price: 29.99
• Works to Extract Frozen and Broken Off Spark Plug sleeves in 2004 to Present Ford Triton Engines

Ford Spark Plug Porcelain Extractor Set
SKU 24202
Price: 27.99
• Used to Extract the Broken Porcelain from Broken Spark Plug sleeves in 2004 to Present Ford Triton Engines
• Specially Machined Guide Works with Extra Long Tap and Extractor to Make sure the Job is Done Right

Thread Repair

UNC (Coarse) Series Kits (Metric)
SKU Part No. Size Price
466584 25624 M5 - 8 29.99
516627 25626 M6 - 1 29.99
516641 25628 M8 - 125 29.99
516647 25632 M10 - 1.5 29.99

UNC (Coarse) Series Kits (SAE)
SKU Part No. Size Price
516642 25600 UNC 10 - 24 19.99
557007* 25602 UNC 10/20 21.99
557077* 25604 UNC 5/8 - 18 19.99
557097* 25606 UNC 3/8 - 16 19.99

UNC (Coarse) Series (Metric)
SKU Part No. Size Price
516647* 25627 M6 - 1 5.99
516647* 25629 M8 - 125 7.99
516647* 25633 M10 - 1.5 7.99

UNC (Coarse) Series (SAE)
SKU Part No. Size Price
557166* 25603 UNC 10/20 6.99
557204* 25605 UNC 5/8 - 18 7.99
557312* 25607 UNC 3/8 - 16 7.99
516645* 25609 UNC 7/8 - 14 7.99
516646* 25611 UNC 1/2 - 13 9.99

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Remote Starters

Remote Starter Switch
- **HARDY** LED Indicator Light Shows Current Presence
- Heavy Duty, Push Button Remote Starter
- Silicone Coated, 25 AWG Wire, Under the Hood

Remote Starter Switch
- **HARDY** Heavy Clip with Insulated Sleeves
- Connects to Ground and Starter Solenoid

Terminal Tools

Wire Terminal Tools
- **HARDY** Fits Most GM and Domestic Motors
- **HARDY** Designed to Remove/Wire from Terminals without Damaging Either

Deutsch Terminal Tool
- **HARDY** Works on OEM Electrical Connectors Used on Trucks and Equipment
- **HARDY** Designed to Remove/Wire from Terminals without Damaging Either

19-Piece Master Terminal Tool Kit
- **HARDY** The Latest Tools for Constan Sensors, Wiring Harnesses and Terminal Blocks on Most Modern Vehicles
- **HARDY** Application Chart Inside Storage Case

Radio Remover

Radio Remover
- **HARDY** Disengages Radio Retaining Clips on Fords and Imports for Removal

Relay Tools

Relay Puller Pliers
- **HARDY** Works on Most Heavy-Duty and Industrial Applications
- **HARDY** Allows Relay to Pop Free from Socket with Less Chance of Damaging the Relay

Relay Test Jumper Set II
- **HARDY** Set Includes Four Jumpers to Fit Many Popular Relays on Honda, Nissan, Toyota, Newer Ford and GM Mini Relays as well as International Trucks
- **HARDY** Set Comes in Blow-Molded Case for Storage

Relay Circuit Tester
- **HARDY** Designed for Easy Usability in Confined Areas
- **HARDY** Precise Voltage, Power, Ground and Circuit Condition
- **HARDY** Includes: Tester, (5) Popular Relay Leads, (1) Universal Relay Lead, (2) Universal Relay Lead, (2) Universal Relay Lead
- **HARDY** Display Provides Precise Voltage, Volt Range: 5 - 500V DC, Computer Safe
- **HARDY** Do Not Use On A/C

Ignition Tester

In-Line Ignition Spark Tester
- **HARDY** Quick Troubleshooting Ignition System
- **HARDY** Works with Device Connects In-Line Between Spark Plug and Wire
- **HARDY** Includes: Tester, 50 Popular Relay Leads, 10 Power Leads/20 Power Leads
- **HARDY** Can Also Be Used to Perform Spark Ignition Tests, Fuel Pressure Tests and Jump Relay Tests
- **HARDY** Set Comes in Blow-Molded Case for Storage

Fuse Buddies

3-in-1 Tester

Fuse Buddy Pro Tester Kit
- **HARDY** 1/4" Slotted Tip and a #2 Phillips Tip
- **HARDY** Comfortable and Operates with One Hand
- **HARDY** On A/C, Not for Use On A/C
**SPECIALTY TOOLS**

**Fuel Line Disconnect Tool Set**
- SKU: #487107
- CAL241TNZ
- **Price:** 1799
- Features:
  - Made of Aircraft Grade Aluminum
  - Low Profile Design Provides Access into the Smallest Places
  - Opening is 3/4" and Tapers Down to 1/8"
  - Universal Application with Just Two Tools
  - Remove Stubborn Fuel Lines

**Ford Clutch Disconnect Tool**
- SKU: #695116
- **Price:** 599
- Features:
  - Works on 1988 to Present Ford Vehicles
  - Light Trucks with Hydraulic Clutches

**Chrysler Fuel Line Disconnect**
- SKU: #695115
- **Price:** 1599
- Features:
  - Used to Disconnect Fuel Lines on Most Chrysler Vehicles
  - Sizes: 1/4", 1/2", 5/16" and 3/8"

**A/C and Fuel Line Tool Set**
- SKU: #222520
- **Price:** 1499
- Features:
  - Fits Both 3/8" and 5/16" Connectors and Applications
  - Tool Can Be Clipped Together for Convenient Storage

**Fuel Module Disconnect**
- SKU: #291418
- **Price:** 1299
- Features:
  - Fits Both 3/8" and 5/16" Connectors and Applications
  - Unique Design Provides Extra Leverage When Disconnecting Quick Connect Fuel Lines

**Fuel Line Disconnect Tool Set**
- SKU: #526503
- **Price:** 1699
- Features:
  - Sets include 81 Sizes: 5/16", 3/8", 1/2", 5/8", 3/4" and 7/8"

**Heater Hose Disconnect Tool**
- SKU: #695607
- **Price:** 2099
- Features:
  - Removes: Heater hoses with 5/8" or 1/4" Quick Disconnect Couplings on 96 to Current Ford Aerostar vans
  - Works on: Rear Heater Hose Couplings on '86 to Current Ford

**A/C and Fuel Line Disconnect Tool Set**
- SKU: #246368
- **Price:** 699
- Features:
  - Includes: 1/2", 5/8", 3/4" and 7/8"

**3-Piece 1/8" Oil Line Disconnect Set**
- SKU: #094653
- **Price:** 2499
- Features:

**Coolant Hose Removal Tool Set**
- SKU: #382214
- **Price:** 2999
- Features:
  - 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 and AC Disconnect Pliers**
- SKU: #343391
- **Price:** 2599
- Features:
  - Unique Design Provides Extra Leverage When Disconnecting Quick Connect Coupling Air Conditioning and Fuel Lines

**Fuel/Transmission Line Disconnect Tool Set**
- SKU: #599400
- **Price:** 2099
- Features:
  - Disconnects Spring Lock Couplings on Ford and Chrysler AC Lines
  - Works on Fuel Lines and Other Quick Disconnect Couplings on Domestic and Import Vehicles

**Master Disconnect Set**
- SKU: #452636
- **Price:** 3999
- Features:
  - 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

**2-Piece Disconnect Master Set**
- SKU: #291413
- **Price:** 900807
- Features:
  - Contain 18 Tools for AC and Fuel Lines
  - Stored in a Handy Blow-Molded Case

**4-Piece Disconnect Disc Set**
- SKU: #864648
- **Price:** 1999
- Features:
  - Sizes: 1/4", 1/2", 5/16" and 3/8"

**Quick Connect Tools**
- SKU: #970541
- **Price:** 2999
- Features:
  - Sizes: 1/4", 1/2", 5/16" and 3/8"
  - Oil Cooler Line Disconnect Tool Separates Automatic Transmission Oil Cooler Lines on Ford Taurus and Escort with AXOD and ATX Transmissions

**22-Piece Disconnect Master Set**
- SKU: #900817
- **Price:** 7999
- Features:
  - Includes Quick Connects Set, Air Conditioning and Fuel Line Disconnect Tools

**Angled Disconnect Set**
- SKU: #291416
- **Price:** 900817
- Features:
  - Includes Quick Connects Set, Air Conditioning and Fuel Line Disconnect Tools

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