

# THREAD REPAIR



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

## Spark Plug Thread Repair

### 14 mm Tapered Spark Plug Thread Repair Kit

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

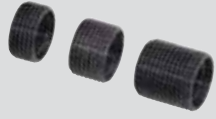


#### STORE STOCK

- Can Be Used to Repair Both Taper Seat and Gasket Type Spark Plug Assemblies
- Three Insert Lengths Are Available to Accommodate Most Spark Plug Reaches
- Positive Mechanical Locking Feature Means the Insert Will Never Come Out
- The Piloted Reamer Tap Means No Drilling Is Necessary and Perfect Alignment of the Tapped Hole

### 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 Rethreading 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>**

- Designed to Repair Aluminum Oil Pans With Damaged Drain Plug Threads Size M12 x 1.75 Commonly Found in GM, Ford and Mazda Vehicles

- Drain Plug Repair Kit Contains a Drill, Counter Bore, Tap, Driver, Guide and (5) 12 mm Inserts

- Repairs Stripped Drain Plugs Without Leakage and Allows Users to Use Original Plug Instead of a Replacement



### 5 Pack Drain Plug Inserts

SKU 850539  
CAL384-5 **19<sup>99</sup>**

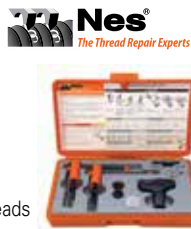


## Thread Repair

### 3 Piece Internal/External Thread Repair Set

SKU 343362  
NES1015 **249<sup>99</sup>**

- Includes the NES1A, NES21 and NES22 Restores Inch or Metric, Right or Left Handed Fastener Threads



### Oxygen Sensor Thread Repair Kit

SKU 010134  
FIX38189-1 **99<sup>99</sup>**

- No Need to Replace Exhaust Manifold
- Pilot Nose Tap Provided
- Easy and Quick to Use, Repairs in Minutes

## FIX-A-THRED



### Metric Head Bolt Thread Repair Kit

SKU 010131  
FIX35119S **149<sup>99</sup>**

- Applications - Cadillac®, Honda®, Toyota® and Other Imports
- Extended Reach for Deep Threads
- Longer Length (33 mm) Inserts for Maximum Thread Engagement

## FIX-A-THRED



### 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

# SAVE \$50

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

SKU 099258  
24377 **99<sup>99</sup>** REG: \$149.99

- 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



Offer Good Through December 31, 2016  
While Supplies Last

## Drill Bits and Extractor Sets

### 6 Piece Spiral Flute Screw Extractor Set

SKU 099277  
24374 **14<sup>99</sup>**

- Extractors: Ex-1, Ex-2, Ex-3, Ex-4, Ex-5 and Ex-6
- M2 Steel
- Comes in a Vinyl Pouch



### 10 Piece Bolt Extractor Set

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

#### STORE STOCK

- (5) Mechanic's Length L.H. Cobalt Drill Bits
- Set Includes Extractors Size: #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



### 10 Piece Spiral Extractor and Drill Bit Combo Pack

SKU 099229  
24373 **39<sup>99</sup>**

- Extractors: Ex-1, Ex-2, Ex-3, Ex-4 and Ex-5
- Left Hand 135 Degree Split Point Cobalt
- Drill Bit Sizes: 5/64", 7/64", 5/32", 1/4" and 19/64"
- Aggressive Left Hand Spiral Design for Extra Gripping Power
- 135 Degree Split Point Left Hand Drill Bits Cut Through the Toughest Metal
- Pilot Point Starts On Contact and Eliminates Bit Walking



### 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
- Comes in a Blow Mold Case
- Turns Broken Fastener Out and Permits Highest Torque Without Expansion



### 3 Piece Double Edge Bolt and Screw Extractor Set

SKU 042367  
KNP9R4719033 **29<sup>99</sup>**

- Contains Sizes 1-3 in a Plastic Tube
- Tip Has Built-In Center Punch
- No Additional Tool Required



### 5 Piece Double Edge Bolt and Screw Extractor Set

SKU 042353  
KNP9R4719043 **59<sup>99</sup>**

- Contains Sizes 1-5 in a Plastic Tube
- Tip Has Built-In Center Punch
- No Additional Tool Required



## Spark Plug Thread Repair for Ford Triton

### Ford Spark Plug Porcelain Extractor Set

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

- Use 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 5 mL Replacement Adhesive

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



### Replacement Pins

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



### Ford Spark Plug Extractor Set

SKU 104286  
24201 **84<sup>99</sup>**

- Works to Extract Frozen and Broken Off 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



### 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

### 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



## FIX-A-THRED

Inserts (Pack of 8)  
SKU 110263  
FIX98149P **27<sup>99</sup>**

### Ford Cylinder Repair Set

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

- 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

Comes With Instructional Video



### Ford Triton 14 mm x 1.25 Repair Insert

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

- Alloy Steel Insert - Not Aluminum
- Seals Perfectly and Prevents Any Loss of Compression
- Taper On the Inside of the Insert That Seats the Spark Plug

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

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

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

Cal-Van TOOLS



### 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

