

# THREAD REPAIR



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

## Spark Plug Thread Repair for Ford Triton



### Ford Cylinder Repair Set

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

**Comes with**  
Instructional Video **OEM<sup>®</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: Instructions Sheet, DVD, 6 Inserts, Reamer Tap, Drill Bit, Expanding Tool and Air Blower Accessory Assembly

### Ford Triton 14mm x 1.25 Repair Insert

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



### 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 16mm x 1.5 3-Valve Insert

SKU 396658  
CAL393-100 **19<sup>99</sup> each**

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



### 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 Spark Plug Porcelain Extractor Set

SKU 104290  
24202 **27<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**  
**608005ml**  
**Replacement**  
**Adhesive**

SKU 248475  
24204 **9<sup>99</sup>**

**Replacement**  
**Pins**

SKU 248476  
24205 **11<sup>99</sup>**

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

SKU 265110  
25259 **19<sup>99</sup>**

- 10" Long with Thin Wall Design to Reach Into the Cylinder Head
- Fits 2004-Newer Ford F-150 Pickup Trucks with 5.4L 3-Valve Triton V-8 Engines



## FIX-A-THRED<sup>®</sup>

### Ford Triton Plug-Saver<sup>®</sup> 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



### Inserts (Pack of 8)

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



## Spark Plug Installation

### OEM TOOLS

| SKU    | Part No. | Item                                                     | Price        |
|--------|----------|----------------------------------------------------------|--------------|
| 300146 | 22885    | 3/8" Drive Magnetic Spark Plug Socket - 5/8" Drive X 6"  | <b>24.99</b> |
| 300147 | 22886    | 3/8" Drive Magnetic Spark Plug Socket - 9/16" Drive X 6" | <b>24.99</b> |
| 300136 | 22890    | 2 Piece Kit 1/2" Drive Set Includes 5/8" and 13/16"      | <b>19.99</b> |
| 300140 | 22891    | 3 Piece Kit 3/8" Drive Set Includes 5/8", 9/16", 13/16"  | <b>29.99</b> |

### Heavy Duty Spark Plug Boot Plier

SKU 390900  
25542 **8<sup>99</sup> STORE STOCK**



## Thread Repair



### 2-Piece External Thread Repair Set

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

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



### 3-Piece Internal/External Thread Repair Set

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

- Includes the NES1A, NES21 and NES22
- Replaces a Huge Array of Taps and Dies



### 3-Piece External Thread Repair Set

SKU 343364  
NES1300\* **549<sup>99</sup>**

- Includes NES1A, NES2 and NES3
- Floating Cutters are Self-Adjusting to Any Pitch and Size Within Range



### 6-Piece Internal/External Thread Repair Set

SKU 343363  
NES1025\* **559<sup>99</sup>**

- Includes the NES1A, NES2, NES21, NES22, NES23 and NES24
- Floating Cutters are Self-adjusting to Any Pitch and Size Within Range
- Self-Adjusting, No Need for Calibration or ID Thread Type

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

## Thread Chasers

### Spark Plug Hole Thread Chaser

SKU 070109  
25124 **6<sup>99</sup>**

**STORE STOCK**

- Double End for 14mm and 18mm



### Limited Access Spark Plug Chaser

SKU 607068  
25155 **8<sup>99</sup>**

**STORE STOCK**

- Size: M14 x 1.25



## Spark Plug Thread Repair

### 14mm Tapered Spark Plug Thread Repair Kit

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

**STORE STOCK**

- Replaces Threads for 14mm Tapered Spark Plug



### 14mm Replacement Inserts

SKU 141512  
25648 **9<sup>99</sup>**

**STORE STOCK**

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



### M14-1.25 Spark Plug Thread Repair System

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

**STORE STOCK**

- Replaces Threads for 14mm Spark Plug



### 14mm 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: 14.25mm; 9/16"



### 14mm Cylinder Head Rethreader Kit

SKU 265137  
25649 **16<sup>99</sup>**

- Tap is Designed for Aluminum Heads Only
- Set Includes Combination Tap, Reamer and Locking Compound
- 3/8", 7/16", 1/2" and 3/4" Inserts



### Thread Restoring File, Tap and Die Kit

SKU 391372  
27142 **90<sup>00</sup>**

**STORE STOCK**

- Thread File Metric Pitches: .75 to 2.5, and 3mm #2 Thread File Pitches: 11, 12, 13, 14, 16, 18, 20, and 24 Threads Per Inch #3 Thread File Pitches: 9, 10, 12, 16, 20, 27, 28 and 32 Threads Per Inch Taps: 1/4" - 9/16" Popular Sizes (Course and Fine); 6-14mm, Popular Sizes Pitches Dies: 1/4" - 9/16" (Course and Fine)



## Oxygen Sensors

### FIX-A-THRED<sup>®</sup> Oxygen Sensor M18 Repair Kit

SKU 094872  
FIX38181X **99<sup>99</sup>**

- Contains Tools Necessary to Repair Damaged Oxygen Sensor Threads in the Exhaust Manifold



### Oxygen Sensor Thread Chaser

SKU 607067  
25255 **9<sup>99</sup>**

**STORE STOCK**



### External Thread Repair

5/32" - 1/2"

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



### External Thread Repair

5/32" - 11/16"

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

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



### External Thread Repair

11/16" - 1.1/2"

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

- Also Repairs Damaged Threads on Pipes from 3/8" to 1.1/8"

## Internal Thread Repair

5/16" - 7/16"

SKU 343367  
NES21 **84<sup>99</sup>**

1/2" - 5/8"

SKU 343369  
NES22 **84<sup>99</sup>**



Scan the QR Code for More Info on NES Thread Repair Products

## UNC (Coarse) Series Kits - SAE

\*STORE STOCK

| SKU     | Part No. | Size           | Price        |
|---------|----------|----------------|--------------|
| 516462  | 25600    | UNC 10 - 24    | <b>19.99</b> |
| 557009* | 25602    | UNC 1/4" - 20  | <b>21.99</b> |
| 557017* | 25604    | UNC 5/16" - 18 | <b>21.99</b> |
| 557090* | 25606    | UNC 3/8" - 18  | <b>21.99</b> |
| 516464* | 25608    | UNC 7/16" - 14 | <b>29.99</b> |
| 516467* | 25610    | UNC 1/2" - 13  | <b>29.99</b> |

## UNC (Coarse) Series Kits - Metric

\*STORE STOCK

| SKU     | Part No. | Size       | Price        |
|---------|----------|------------|--------------|
| 466584  | 25624    | M5 - .8    | <b>29.99</b> |
| 516472* | 25626    | M6 - 1     | <b>29.99</b> |
| 516474* | 25628    | M8 - 1.25  | <b>29.99</b> |
| 516477* | 25632    | M10 - 1.15 | <b>29.99</b> |

## UNF (Fine) Series Kits

\*STORE STOCK

| SKU    | Part No. | Size         | Price        |
|--------|----------|--------------|--------------|
| 516469 | 25612    | UNF 10 - 32  | <b>27.99</b> |
| 466578 | 25614    | UNF 1/4 - 28 | <b>29.99</b> |

## Thread Repair Inserts

## UNC (Coarse) Series - SAE

\*STORE STOCK

| SKU     | Part No. | Size           | Price       |
|---------|----------|----------------|-------------|
| 516463  | 25601    | UNC 10 - 24    | <b>7.99</b> |
| 557116* | 25603    | UNC 1/4" - 20  | <b>6.99</b> |
| 557124* | 25605    | UNC 5/16" - 18 | <b>6.99</b> |
| 557132* | 25607    | UNC 3/8" - 16  | <b>7.99</b> |
| 516465* | 25609    | UNC 7/16" - 14 | <b>7.99</b> |
| 516468* | 25611    | UNC 1/2" - 13  | <b>9.99</b> |

## UNC (Coarse) Series - Metric

\*STORE STOCK

| SKU     | Part No. | Size       | Price       |
|---------|----------|------------|-------------|
| 516473* | 25627    | M6 - 1     | <b>5.99</b> |
| 516475* | 25629    | M8 - 1.25  | <b>7.99</b> |
| 466587  | 25631    | M10 - 1.25 | <b>7.99</b> |
| 516478* | 25633    | M10 - 1.5  | <b>7.99</b> |
| 978102  | 25635    | M12 - 1.75 | <b>9.99</b> |

## UNF (Fine) Series - SAE

\*STORE STOCK

| SKU    | Part No. | Size          | Price       |
|--------|----------|---------------|-------------|
| 516470 | 25613    | UNF 10 - 32   | <b>3.99</b> |
| 978101 | 25623    | UNF 1/2" - 20 | <b>9.99</b> |

