

# THREAD REPAIR



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

## Spark Plug Thread Repair for Ford Triton

**OEM\***



### 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 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

### Broken Spark Plug Remover Ford Triton 3 Valve

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

- 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®

#### 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

**Inserts (Pack of 8)**

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

## Thread Chasers

### M12-1.25 Spark Plug Hole Chaser

SKU 480773 LIS20000 **8<sup>99</sup>**

- Size M12 x 1.25

### Limited Access Spark Plug Chaser

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

- Size: M14 x 1.25

### Spark Plug Hole Thread Chaser

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

- Double End for 14 mm and 18 mm

## Thread Repair Inserts

\*STORE STOCK

**OEM\***

### UNC (Coarse) Series (SAE)

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)

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)

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

## 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>**

## Spark Plug Thread Repair

**OEM\***

### 14 mm Tapered Spark Plug Thread Repair Kit

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

- Replaces Threads for 14 mm Tapered Spark Plug

### 14 mm Replacement Inserts

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

- 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>**

- Replaces Threads for 14 mm Spark Plug

### 14 mm Thread Inserts

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

- 10 Pieces in Sizes M14 - 1.25 x 3/8", 1/2", 3/4"
- Drill Size: 14.25 mm; 9/16"

### 14 mm 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>**

- Thread File Metric Pitches: .75 to 2.5, and 3 mm
- #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 (Coarse and Fine); 6-14 mm, Popular Sizes
- Pitches Dies: 1/4" - 9/16" (Coarse and Fine)

## Oxygen Sensors

### FIX-A-THRED®

#### 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**

## Thread Repair

**Nes®**  
The Thread Repair Experts

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

### 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



### 3-Piece External Thread Repair Set 5/32" - 6"

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

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



### 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



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

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

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



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

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

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

### 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



**Nes®**  
The Thread Repair Experts



### 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>