

H3661 - FORD TRITON SPARK PLUG SHIELD EXTRACTOR KIT INSTRUCTIONS

These instructions are for the following models: all 3 valve triton engines, 2004 to present

CAUTION:

DO NOT REMOVE PLUGS WHEN THE ENGINE IS EXTREMELY HOT OR COLD. DO NOT USE AIR OR POWERED TOOLS FOR PLUG REMOVAL, TAPPING OR EXTRACTING. BE SURE TO ALWAYS WEAR SAFETY GLASSES.

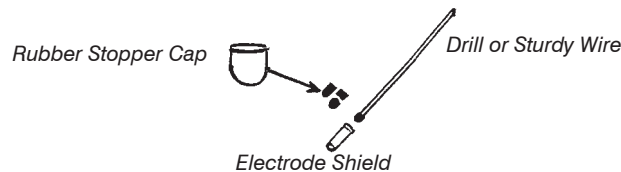
Some of the above mentioned engines may experience difficulty with spark plug removal which may cause damage to the spark plug and leave part of the spark plug in the cylinder head. The spark plug will break in 1 of 2 ways:

- 1 The ground electrode shield is left behind as an empty shell.
- 2 The porcelain center AND ground electrode shield is left behind. In this case use JET H3659 SPARK PLUG PORCELAIN EXTRACTOR KIT. Removing the porcelain center is required before any other steps can be done before extracting the "ground electrode shield."

Kit contains: 4 - rubber stopper caps (Used to stop metal debris from entering the combustion chamber), (Use aftermarket product by Pico no.7021 for replacement caps) 1 - centering guide, 1 - tap 9mm x 1.0 x 8" (203, 2mm), 1 - extractor, 1 each nylon washer and jam nut.

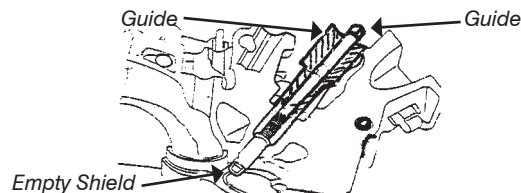
REMOVAL INSTRUCTIONS

- 1 Seat the rubber stopper cap using a blunt end of a long drill bit or suitable wire sized for the internal diameter of the cap. Make sure the cap is bottomed out against the electrode strap. This will prevent thread chips from entering the cylinder bore. The rubber stopper cap will be retrieved after the ground electrode shield has been extracted.

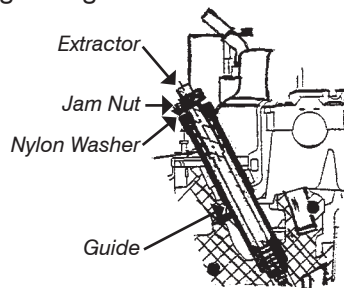
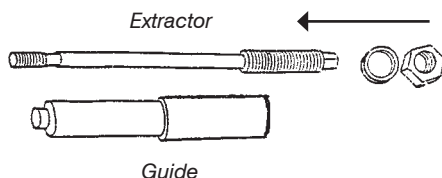


- 2 Place the guide into the spark plug well.
- 3 Coat the end of the tap with general purpose grease and slowly insert the tap through the guide. Turn the tap by hand (Caution: DO NOT USE AIR OR POWER TOOLS), 3 to 4 threads into the ground electrode shield. Be sure to tap slowly and back up tap frequently to break up chips to prevent cut material from coiling up and jamming inside electrode shield.

CAUTION: DO NOT ATTEMPT TO REMOVE THE GROUND ELECTRODE SHIELD WITH THE TAP. THE TAP MAY BREAK IF ATTEMPTED.



- 4 Once the ground electrode is tapped, insert the extractor through the guide and thread into the ground electrode shield. Place nylon washer and jam nut onto threaded shaft.



- 5 While holding hex end of extractor with wrench, turn jam nut with another wrench to remove ground electrode shield. The rotation of the jam nut will force the extractor out of the spark plug well with the ground electrode shield attached. The rubber stopper cap can now be retrieved from electrode strap.