

## SPARK PLUG REMOVAL INSTRUCTIONS - 4.6L 3V/5.4L 3V/6.8L 3V

### TECHNICAL SERVICE BULLETIN

Reference Number(s): 08-7-6, Date of Issue: April 18, 2008

FORD: 2005-2008 Mustang; 2004-2008 F-150; 2005-2008 Expedition, F-Super Duty; 2006-2008 Explorer, F-53 Motorhome Chassis; 2007-2008 Explorer Sport Trac

LINCOLN: 2005-2008 Navigator; 2006-2008 Mark LT

MERCURY: 2006-2008 Mountaineer

Superseded Bulletin(s): 08-1-9, Date of Issue: January 21, 2008

Related Ref Number(s): 06-15-2, 06-5-9, 08-1-9, 08-7-6

### ARTICLE BEGINNING

### ISSUE

**NOTE:** This article supersedes TSB 08-1-9 to update Vehicle Applications, Service Procedure and Part List.

Some 2004-2008 F-150, 2006-2008 Mark LT, 2005-2008 F-Super Duty, Expedition, and Navigator, with 5.4L 3-V engine; 2005-2008 Mustang, 2006-2008 Explorer, Mountaineer, and 2007-2008 Explorer Sport Trac with 4.6L 3-V engine; 2005-2008 F-Super Duty, 2006-2008 and F-Stripped Chassis, with 6.8L 3-V engine may experience difficulty with spark plug removal. This may cause damage to the spark plug and leave part of the spark plug in the cylinder head. Affected engine build dates are as follows: 5.4L 3-V and 6.8L 3-V before 10/9/07, 4.6L 3-V before 11/30/07.

### ACTION

Refer to the following Service Procedure for techniques to remove the spark plugs and extract broken spark plugs.

### SERVICE PROCEDURE

The engine build date can be read on the left hand cam cover information sticker.

To remove spark plugs without damage, it is necessary to adhere exactly to this procedure before removal is attempted.

**CAUTION: DO NOT REMOVE PLUGS WHEN THE ENGINE IS WARM OR HOT. THE ENGINE MUST BE AT ROOM TEMPERATURE WHEN PERFORMING SPARK PLUG SERVICE. REMOVING THE SPARK PLUGS FROM A WARM/HOT ENGINE INCREASES THE CHANCE THE THREADS COULD BE DAMAGED.**

### SPARK PLUG REMOVAL PROCEDURE

1. Remove the coil-on-plug assemblies and thoroughly blow out the spark plug wells and