

**5.4L 2V AND 6.8L 2V MODULAR ENGINE SPARK  
PLUG THREAD OUT OF WARRANTY REPAIR  
PROCEDURE FOR ALUMINUM HEADS**

**TSB 07-15-2**

**FORD:**

1997-2000 F-250 Light Duty  
1997-2003 F-150  
1997-2004 Expedition  
1997-2007 E-Series

1998-2004 F-53 Motorhome Chassis,  
F-Super Duty  
2001-2005 Excursion

**LINCOLN:**

1998-1999 Navigator

**ISSUE**

Various 1997-2007 vehicles with a 5.4L 2V, or 6.8L 2V engine with stripped or missing spark plug port threads in modular engine aluminum heads. Ford Motor Company now authorizes LOCK-N-STITCH aluminum inserts and tool kit.

**NOTE**

THIS PROCEDURE IS NOT AUTHORIZED FOR WARRANTY REPAIRS AND IS THE ONLY FORD AUTHORIZED PROCEDURE FOR SPARK PLUG THREAD REPAIRS.

**ACTION**

Follow the procedure included in the tool kit for using the tools and inserts. Tool kits and inserts can be ordered from Rotunda by calling 1-800-Rotunda (768-8632). Choose option two (2), number 302-00001.

**WARRANTY STATUS:** Information Only - Not Warrantable

**NOTE**

FORD MOTOR COMPANY HAS DETERMINED THAT REPAIRS MADE WITH THESE ALUMINUM INSERTS AND LOCK-N-STITCH TOOLS DO NOT AFFECT THE HEAT TRANSFER FUNCTION BETWEEN THE SPARK PLUG AND THE CYLINDER HEAD.

**NOTE:** The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.