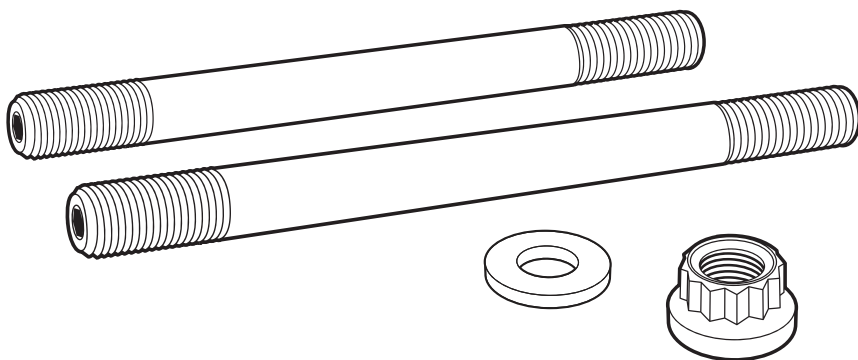




Ford 7.3L Head Stud Kit

(318034300)

Installation Guide

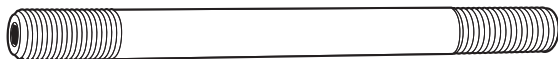
ATTENTION: We recommend the installation of this part be done by a trained professional Ford technician. PPE will not accept liability for damage resulting from incorrect assembly.

These instructions are not intended as a service or overhaul manual. These instructions are intended to facilitate the modification of non-factory parts installation by a trained professional.

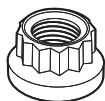
A



B



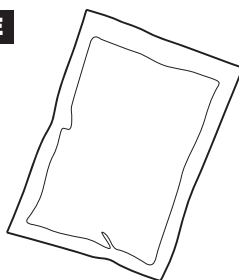
C



D



E



CONTENTS

A: 6.85" M12 Studs - (28)

B: 6.6" M12 Studs - (8)

C: 12-pt M12 Flange Nuts - (36)

D: Flat Washers - (36)

E: Fastener Assembly Lubrication 1-oz. - (1)

Inspect for damage or defects and clean all hardware prior to installation. Verify product part number matches your application.

NOTE:

Loctite may be used for permanent mounting. Torque sequences must be complete prior to Loctite hardening.

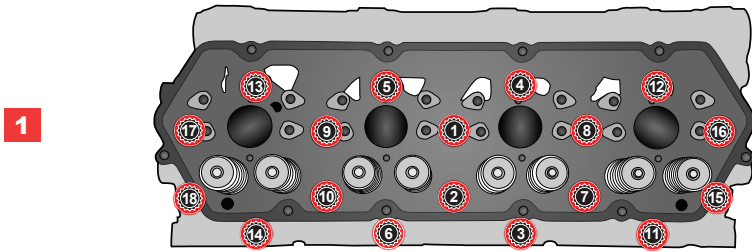
Clean all threads in the engine block. Use a Bottoming Thread Chaser if necessary to ensure thread engagement, and more accurate torque readings.

Install shorter Studs (B) to positions 4, 5, 12, 13 of Step 1 torque sequence along intake manifold and Studs (A) into the remainder of the cylinder head. Hand-tighten without tools (equivalent of 20-30 in. lbs.). Verify consistent stud height using a straight-edge ruler. Install the cylinder head and check for binding or misalignment.

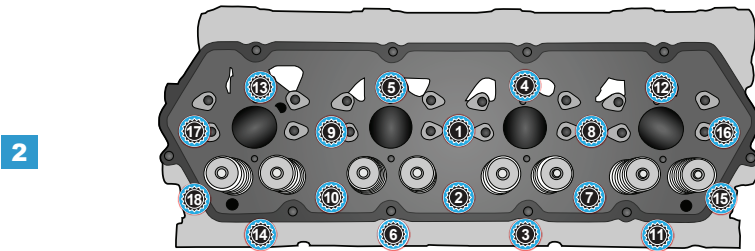
Lubricate Stud (A,B) threads, 12-pt Flange Nuts (C), & Flat Washers (D) with the Fastener Assembly Lubricant (E). Install the Flat Washers (D) and 12-pt Flange Nuts (C) onto the studs and hand tighten them.

Tighten 12-pt Flange Nuts in three steps using the following torque sequence:

(Red) Step 1: Tighten studs to 45 lb-ft.

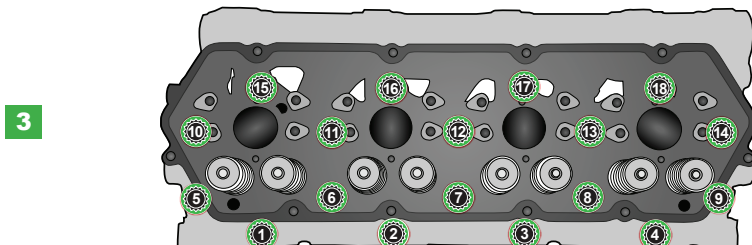


(Blue) Step 2: Tighten studs to 85 lb-ft.



(Green) Step 3: Tighten studs to 125 lb-ft using torque sequence shown below:

NOTE: This sequence differs from Steps 1 & 2.



DISCLAIMER OF LIABILITY

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

Note regarding emissions-related, non-E.O.-legal products: THESE PRODUCTS ARE LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR HIGHWAY OR OFF-ROAD USE.

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LIMITATION OF WARRANTY

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