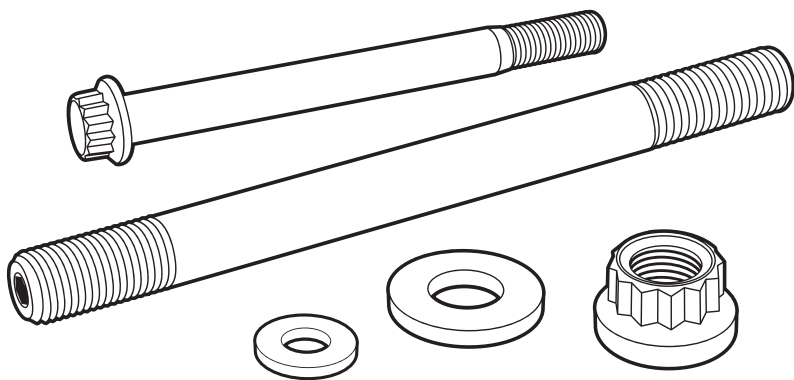




High Yield Head Stud Kit

2003-2007 Ford 6.0L Power Stroke

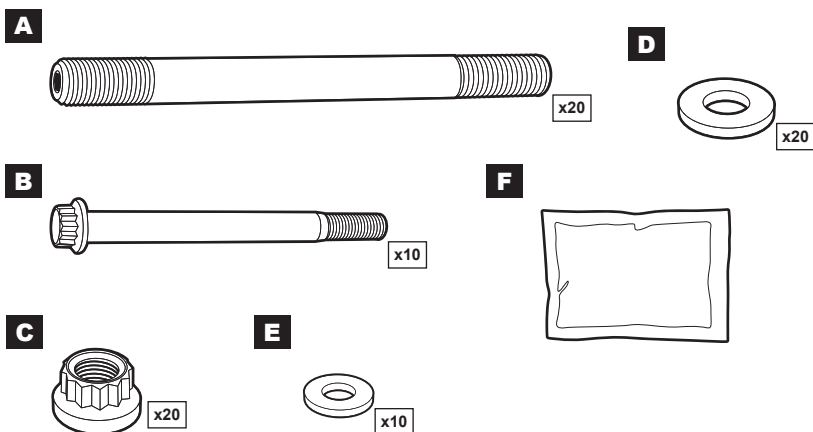


ATTENTION: We recommend the installation of this part be done by a trained professional. PPE will not accept liability for damage resulting from incorrect assembly.

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.

Recommended tools

- Torque wrench
- Bottoming Tap
- 3/16" Allen Wrench
- 9/16" 12 Point Socket



CONTENT

- | | |
|--|------------------------------------|
| A. 223mmL Head Stud (20)
(9/16"-18) (M14-2) | D. 9/16" Flat Washer (20) |
| B. M8-1.25 Flange Bolt (10) | E. M8-Flat Washer (10) |
| C. 9/16"-18 Flange Nut (20) | F. Grease Pack - Assembly Lube (1) |



**PRODUCT
RESOURCES**

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

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

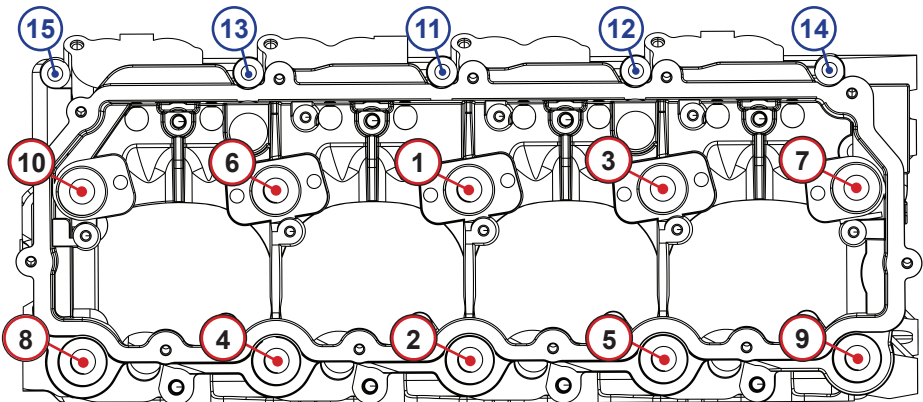
NOTE:

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

1. Install Studs (A) into the block. Hand-tighten without tools (equivalent to 20-30 in. lbs.)
2. Install cylinder heads and check for proper alignment.
3. Lubricate Stud (A) threads, Flange Nuts (C) and Flat Washers (D) with the fastener assembly lubricant (F) provided. Install the Flat Washers (D) and Flange Nuts (C) on to the Studs (A).
4. Tighten Flange Nuts (C) in three equal steps (90/180/265) using the torque sequence to a total spec of 265 ft lbs.
5. Lubricate Inner Row Head Bolts (B) and Flat Washers (E) with the fastener assembly lubricant (F) provided. Install Flat Washer and Inner Row Head Bolts. Tighten using the torque sequence (Fig. 1) to 25 ft lbs.

Bolt Torque Sequence

Fig. 1



- Step 1. Tighten studs 1 thru 10 to 90 ft-lbs.
- Step 2. Tighten studs 1 thru 10 to 180 ft-lbs.
- Step 3. Final tighten studs 1 thru 10 to 265 ft-lbs.
- Step 4. Tighten M8 bolts 11 thru 15 to 25 ft-lbs.

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

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer. The Warranty on PPE Manifolds and Up-Pipes Kits, OEM-Length Up-Pipes is three (3) years, a limited lifetime warranty on PPE cast aluminum pans and covers, and a limited lifetime warranty on PPE Transmission Coolers and one (1) year limited warranty on all other PPE products from the date of sale to original buyer and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Seller. Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or re-installation - of this product or any other contingent expenses. Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment. In the event that the buyer does not agree with this agreement: the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund. The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.

⚠️ CA WARNING: Handling passenger or off-highway motor vehicle parts can expose you to chemicals such as phthalates and lead, which can cause cancer and reproductive harm. To minimize exposure, service the vehicle in a well-ventilated area, wear gloves, and wash your hands. For more information see www.P65Warnings.ca.gov/motor-vehicle-parts.

