

Installation Instructions for 83480

Head Studs

Ford 6.0L Powerstroke

NOTE: Lightly lubricate the new cylinder head stud threads, washers and flange nuts with clean engine oil.

CAUTION: Using too much engine oil on the threads of the cylinder head studs can cause damage to the threads and poor sealing. Using anti-seize compounds, grease or any other lubricants other than engine oil on the cylinder head bolt threads can affect the true torque value of the studs.

1. Install the 10 new cylinder head retaining studs finger-tight. JEGS Thread Locker #555-28080 may be used on the block threads, but you must torque the head before it has a chance to set up.
2. Tighten the head studs in the following sequence.
3. Tighten studs 1 through 10 in proper torque sequence order to 88 Nm (65 lb-ft).
4. Tighten studs 1 through 10 in proper torque sequence order to 115 Nm (85 lb-ft).
5. Tighten studs 1 through 10 in proper torque sequence order to 166 Nm (122 lb-ft).
6. Tighten studs 1 through 10 in proper torque sequence order, a second time to 254 Nm (187 lb-ft).
7. Tighten studs 1 through 10 in proper torque sequence order, a third time to 285 Nm (210 lb-ft).
8. Tighten bolts 11 through 15 in proper torque sequence order to 24 Nm (18 lb-ft).
9. Tighten bolts 11 through 15 in proper torque sequence order to 31 Nm (23 lb-ft).

