

## **Installation Instructions for 83420**

### **Head Bolt Kit**

170,000 PSI - 7/16" Diameter

#### **Installation Instructions:**

1. To ensure proper thread engagement and accurate torque readings, clean ALL threads in the block. Chase if necessary with JEGS thread chaser set #555-80505.
2. Clean and inspect all hardware prior to installation. Check proper fit and length.
3. Position the chamfered side of the washer on the bolt so it faces the bolt head. This is done to clear the radius on the under head of the bolt. **Note:** Improper installation of the washer will cause premature bolt failure.
4. If the cylinder head bolts protrude into a water jacket, lubricate the threads of the bolts with JEGS #555-28011 thread sealant.
5. If the cylinder head bolts protrude into a blind hole, lubricate the threads of the bolts with 30wt. motor oil.
6. Install the cylinder head(s) and check for binding or misalignment.
7. Lubricate the under head of the bolt and washers with 30wt. motor oil. Then install the bolts into the cylinder head and tighten them hand tight.
8. Following the manufacturers recommended torque sequence, tighten the bolts in three equal steps to 70 ft. lbs.



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