

Installation Instructions for 20480

Chrysler/Dodge Timing Set

Chrysler 5.7L 2004-08, 6.1L 2006-08

Dodge 5.7L 2005-08, 6.1L 2006-08

Dodge Truck 5.7L 2003-08

Installation Instructions:

1. Install the tensioner plate. Torque bolts to 250 in / lbs. Remove pin after the chain is installed.
2. Install the 9 position crank sprocket. Use the "0" neutral position or 2, 4, 6, or 8 degree Advance or Retard keyways. "A" indicates Advance and "R" indicates Retard. Timing mark **MUST** be at 6 o'clock and keyway at 2 o'clock. (See **Figure 1**)



Figure 1

3. Install the Oil Pump Drive sprocket on the crankshaft outside of the crank sprocket. (See **Figure 2** and **Figure 3**)

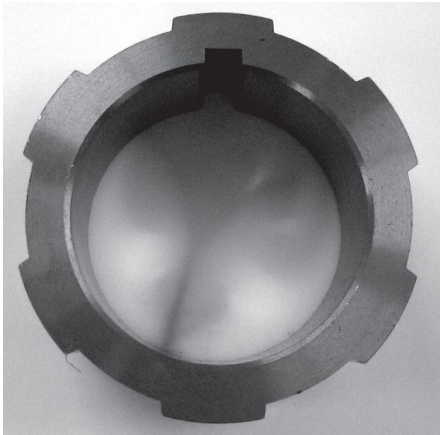


Figure 2



Figure 3

4. Install the Cam Sprocket with camshaft pin and slot at 12 o'clock. Torque cam bolt to 90ft.lbs.
5. Install Chain.
6. Install the Oil Pump on the Oil Pump Drive Sprocket. Place the oil pump spacers between the oil pump and engine block mounting holes. The peanut shaped spacer has the oil flow hole.
7. Remove Oil Pan. Elongate the mounting hole on the bracket of the Oil Pump Pickup Tube by 1/8" to 1/4" so it can slide forward and connect to the Oil Pump. This compensates for the Oil Pump spacers.
8. Install timing cover. There should be clearance. If not, grind off any high spots