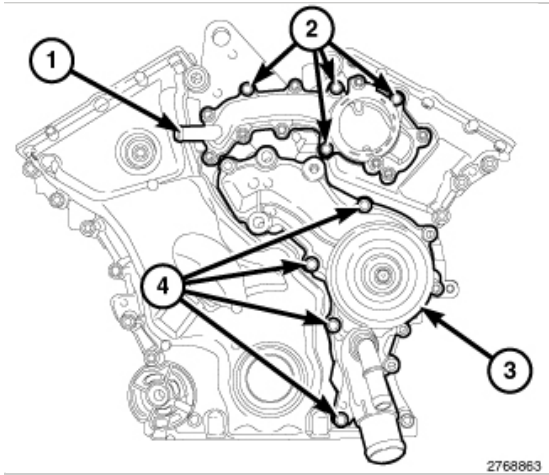


2015 Chrysler 200 FWD V6-3.6L

Vehicle > Engine, Cooling and Exhaust > Engine > Timing Components > Timing Cover > Service and Repair > Removal and Replacement

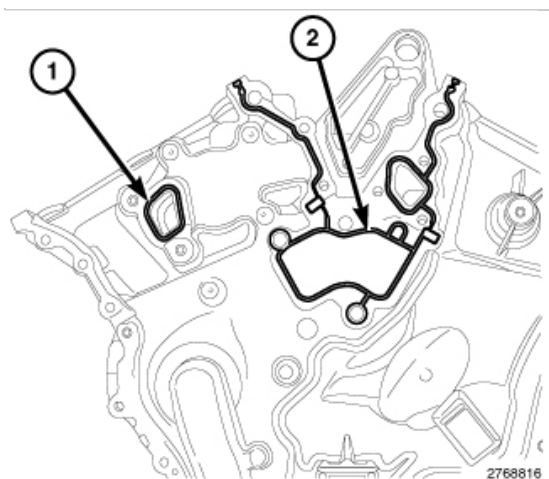
ENGINE TIMING COVER(S) - INSTALLATION

INSTALLATION



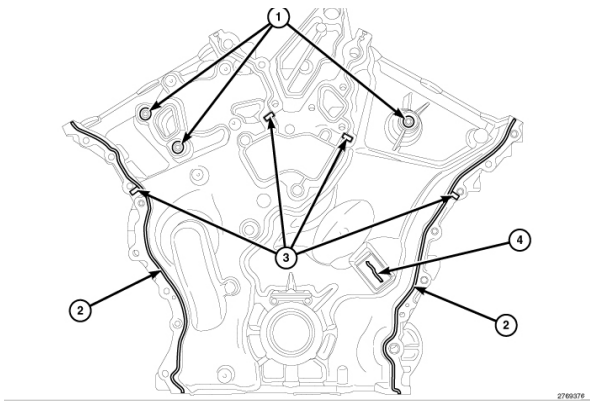
1. If removed, install the coolant outlet housing (1) to the timing cover with a new gasket using only the four bolts (2) shown. Tighten the bolts to the proper torque specifications .

2. If removed, install the water pump (3) to the timing cover using only the four bolts (4) shown. See: Water Pump > Removal and Replacement > Water Pump - Installation.



3. Install the coolant outlet housing gasket (1) and the water pump gasket (2).





4. Clean the engine timing cover, cylinder head and block mating surfaces with isopropyl alcohol in preparation for sealant application.

CAUTION:

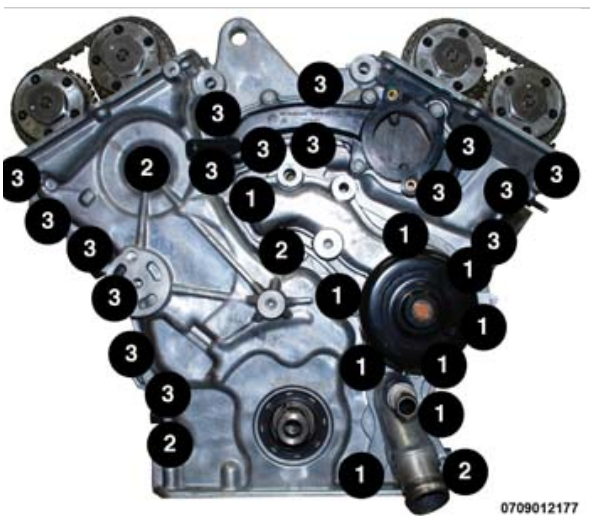
Engine assembly requires the use of a unique sealant that is compatible with engine oil. Using a sealant other than Mopar(R) Threebond Engine RTV Sealant may result in engine fluid leakage.

CAUTION:

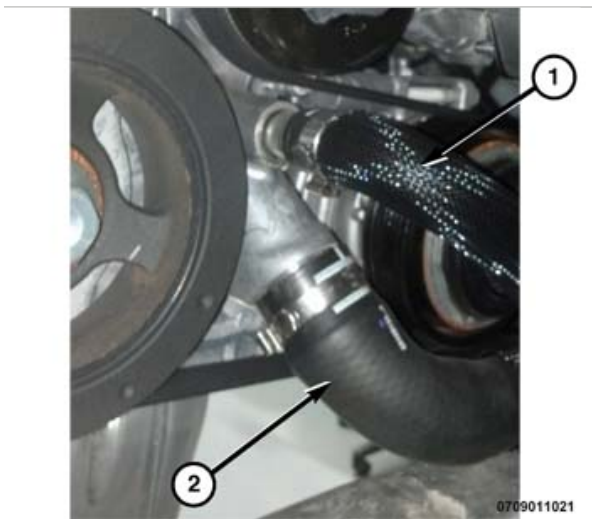
Following the application of Mopar(R) Threebond Engine RTV Sealant to the gasket surfaces, the components must be assembled within 20 minutes and the attaching fasteners must be tightened to specification within 45 minutes. Prolonged exposure to the air prior to assembly may result in engine fluid leakage.

5. Apply a 2 to 3 mm wide bead of Mopar(R) Threebond Engine RTV Sealant to the front cover as shown in the following locations:

- Three cylinder head bosses (1)
- Right and left flanges (2)
- Four cylinder head to engine block T-joints (3)
- Cover to right cam chain tensioner gap (4)

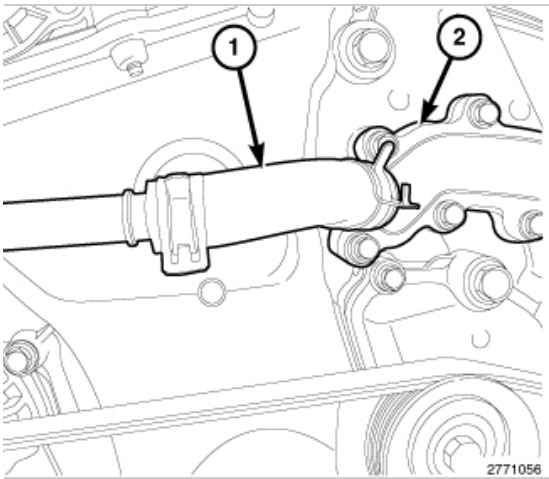


6. Align the locator pins on the engine block to the engine timing cover and install the cover.
7. Install the M6 bolts (3). Tighten to the proper torque specifications .
8. Install the water pump. Tighten the M6 bolts (3) to the proper torque specifications and the M8 bolt (2) to the proper torque specifications .
9. Partially raise the vehicle.
10. Install the crankshaft vibration damper (6) See: Harmonic Balancer - Crankshaft Pulley > Removal and Replacement > Vibration Damper - Installation.
11. Install the accessory idler pulley (1, 5) See: Idler Pulley > Removal and Replacement > Accessory Drive Idler Pulley - Installation.
12. Install accessory drive belt tensioner (8) See: Drive Belt Tensioner > Removal and Replacement > Accessory Drive Belt Tensioner - Installation.
13. Install the accessory drive belt (7) See: Drive Belt > Removal and Replacement > Serpentine Accessory Drive Belt - Removal.



14. Install the lower radiator hose (2) to the water pump housing.
15. Install the heater core return hose (1) to the water pump housing.
16. Raise the vehicle.
17. Install the oil pan .
18. Install the cross under pipe See: Exhaust Pipe > Removal and Replacement.
19. Install the right engine mount assembly See: Engine Mount > Removal and Replacement > Engine Mount Insulator - Installation.
20. Install the right and left cylinder head covers and upper intake manifold See: Valve Cover > Removal and Replacement > Cylinder Head Cover(s) - Installation.





21. Install the heater core supply hose (1) to the coolant crossover (2).



22. Install the upper radiator hose to the thermostat housing (1).

23. Fill the cooling system See: Cooling System > Procedures.

24. If removed, install the oil filter and fill the engine crankcase with the proper oil to the correct level See: Engine Oil > Procedures.

25. Connect the negative battery cable and tighten the nut to the proper torque specifications .

26. Run the engine until it reaches normal operating temperature. Check cooling system for correct fluid level See: Cooling System > Procedures.

