Oil Pan: Service and Repair
Engine Oil Pan Installation

Special Tools Required
- Engine support hanger A and Reds AAR-T1256*
- 2006 Civic engine hanger VSB02C000025
- 1.8 support eyelet 07AAK-SNAA400
- 1.8 support bolt 07AAK-SNAA500
* Available through Honda Tool and Equipment Program, 888-424-6857

1. Remove all of the old liquid gasket from the oil pan mating surfaces, the bolts, and the bolt holes.

2. Clean and dry the oil pan mating surfaces.

3. Apply liquid gasket, P/N 08717-00004, 08718-0003, or 08718-0009 to the engine block mating surface of the oil pan, and to the inside edge of the threaded bolt holes. Install the component within 5 minutes of applying the liquid gasket.
   NOTE:
   - Apply a 3 mm (0.12 in) diameter bead of liquid gasket along the broken line (A).
   - If too much time has passed after applying the liquid gasket, remove the old liquid gasket and residue, then reapply new liquid gasket.

4. Install the dowel pins (A), then install the oil pan (B) with new O-rings (C).

5. Tighten the bolts in three steps. In the final step, torque all bolts, in sequence, to 18 N-m (1.8 kgf-m, 13 lbf-ft). Wipe off the excess liquid gasket on the each side of crankshaft pulley and flywheel/drive plate.
   NOTE:
   - Wait at least 30 minutes before filling the engine with oil.
- Do not run the engine within 3 hours after installing the oil pan.

6. Install the clutch cover/torque converter cover (A), and install the two bolts securing the transmission.


8. Install the A/C compressor bracket.
9. Install the lower torque rod bracket.

10. If the engine is still in the vehicle, do the following steps.

11. Lower the vehicle on the lift.

12. Loosen the upper torque rod mounting bolt. See: Service and Repair/Engine Installation

13. Raise the vehicle on the lift.

14. Install the lower torque rod. See: Service and Repair/Engine Installation

15. Lower the vehicle on the lift.

16. Remove the engine support hanger A and Reds (AAR-T1256), the 2006 Civic engine hanger (VSB02C000025), the 1.8 support eyelet (07AAK-SNAA400), and the 1.8 support bolt (07AAK-SNAA500).

17. Tighten the upper torque rod mounting bolt. See: Service and Repair/Engine Installation

18. Raise the vehicle on the lift.

19. Install exhaust pipe A. See: Service and Repair/Engine Installation

20. Install the splash shield. See: Service and Repair/Engine Installation

21. Lower the vehicle on the lift.

22. Install the air cleaner assembly. See: Tune-up and Engine Performance Checks/Air Cleaner Housing/Service and Repair

23. Install the intake air duct. See: Intake Manifold/Service and Repair

24. Install the A/C compressor. Install the harness clamp, then connect the A/C compressor clutch connector. See: Service and Repair/Engine Installation

25. Install the A/C condenser fan shroud. See: Heating and Air Conditioning/Heater Core Case/Service and Repair/Heater Unit/Core Replacement (With A/C)

26. Install the drive belt. See: Drive Belts, Mounts, Brackets and Accessories/Drive Belt/Service and Repair

27. Refill the engine with the recommended engine oil. See: Engine Oil Pressure/Testing and Inspection

M/T model
A/T model

12 x 1.25 mm
(7.5 kgf-m, 54 lbf-ft)

10 x 1.25 mm
(8.0 kgf-m, 59 lbf-ft)

15 x 1.25 mm
(7.5 kgf-m, 54 lbf-ft)