

IN-VEHICLE SERVICE (Continued)

(Continued)

Item	Part Number	Description
1A	—	Screw and Washer Assy (4 Req'd)
2	9424	Lower Intake Manifold
3B	—	Bolt
4	9F797	Charging Assy
5	6049	Cylinder Head Assy
A		Tighten to 8-11 N·m (6-8 Lb-Ft)
B		Tighten to 20-30 N·m (15-22 Lb-Ft)

16. If equipped with air conditioning, install compressor support bracket. Tighten retaining nut to 20-30 N·m (15-22 lb-ft).
 17. Connect necessary electrical connectors.
 18. Connect necessary vacuum hoses.
 19. Connect heater tube hose to heater elbow.
 20. Position heater tube support bracket and tighten retaining nut to 20-30 N·m (15-22 lb-ft). Tighten hose clamp at heater elbow securely.
 21. Connect heater hose to the rear of the heater tube and tighten hose clamp.
 22. Connect coolant bypass hose. Tighten hose clamp securely.
 23. Connect radiator upper hose. Tighten hose clamp securely.
 24. Connect fuel line(s) at injector fuel injection supply manifold assembly.
 25. Connect flexible fuel lines to steel lines.
 26. Position accelerator cable mounting bracket. Install and tighten retaining bolts to 20-30 N·m (15-22 lb-ft).
 27. Connect speed control cable, if so equipped.
 28. Connect transaxle linkage at upper intake manifold.
- CAUTION: This engine has aluminum cylinder heads and requires a special corrosion inhibiting coolant to avoid cooling system damage. Refer to Section 03-03 for the coolant specifications.**
29. Fill cooling system with specified coolant.
 30. Start engine and check for coolant or fuel leaks.
 31. Check and, if necessary, adjust engine idle speed. Refer to Powertrain Control/Emissions Diagnosis Manual². Adjust transaxle throttle linkage and speed control. Refer to Section 10-02.
 32. Install air cleaner assembly and air intake duct.

Cylinder Heads**Removal**

1. Drain cooling system.

² Can be purchased as a separate item.

2. Disconnect battery ground cable.
3. Remove air cleaner assembly including air intake duct and heat tube.
4. Loosen accessory drive belt idler. Remove drive belt.
5. If LH cylinder head is being removed perform the following:
 - Remove oil fill cap.
 - Remove power steering pump.
 Leaving hoses connected, place pump/bracket assembly aside in a position to prevent fluid from leaking out.
 - If equipped with air conditioning, remove mounting bracket retaining bolts. Leaving hoses connected, position compressor aside.
 - Remove generator and bracket.
6. If RH cylinder head is being removed perform the following:
 - Disconnect AIR control valve or Secondary Air Injection Bypass (AIRB) valve hose assembly at the air pump.
 - Disconnect AIR tube support bracket from the rear of cylinder head.
 - Remove accessory drive idler.
 - Remove AIR pump pulley. Remove AIR pump.
 - Remove PCV valve.
7. Remove upper intake manifold.
8. Remove valve rocker arm cover retaining screws.
9. Remove injector fuel rail assembly.
10. Remove lower intake manifold.
11. Remove exhaust manifold and exhaust manifold.
12. Loosen rocker arm fulcrum retaining bolts enough to allow rocker arm to be lifted off the push rod and rotate to one side.
13. Remove push rods. Identify position of each rod. Rods should be installed in their original position during assembly.
14. Remove cylinder head retaining bolts and discard.