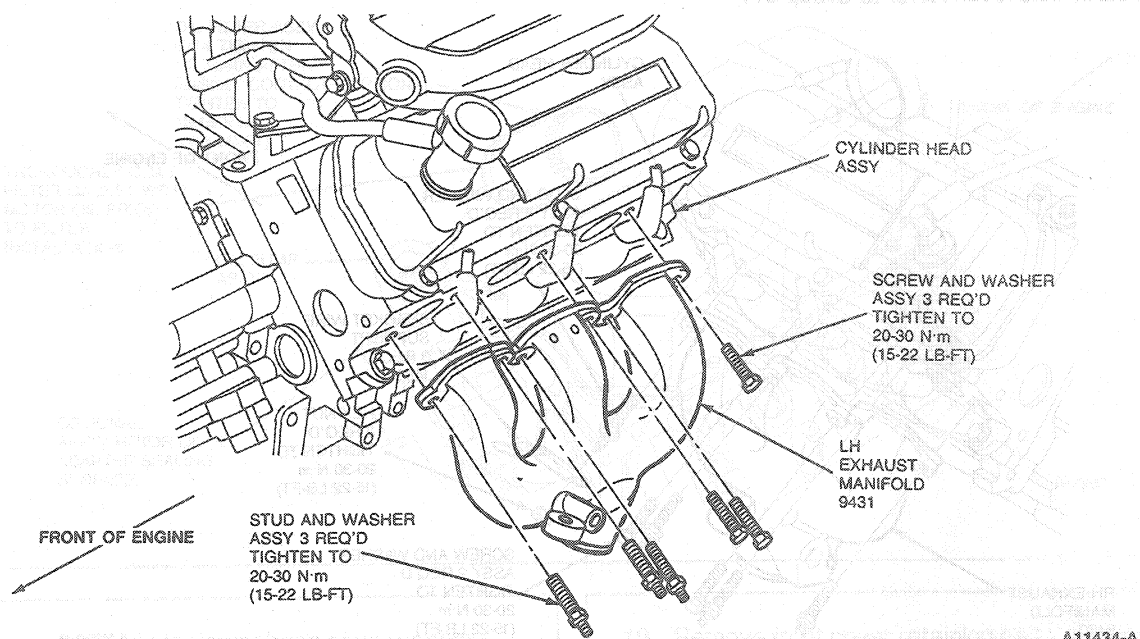


IN-VEHICLE SERVICE (Continued)

9. Start engine and check for exhaust leaks.

**Exhaust Manifold, RH****Removal**

1. Remove air cleaner assembly and heat tube.
2. Disconnect Secondary Air Injection (AIR) hose from downstream air tube check valve.
3. Disconnect coil secondary wire from coil and wires from spark plugs.
4. Remove spark plugs.
5. Disconnect Exhaust Gas Recirculation (EGR) tube.
6. Raise vehicle on hoist. Refer to Section 00-02.
7. Remove transaxle dipstick tube.
8. Remove manifold-to-exhaust pipe retaining nuts.
9. Lower vehicle.
10. Remove exhaust manifold retaining bolts. Remove exhaust manifold (9430) assembly.

Installation

NOTE: Lightly oil all bolt and stud bolt threads before installation except those specifying special sealant.

1. Clean mating surfaces on exhaust manifold, cylinder head and exhaust pipe.

2. Position exhaust manifold on cylinder head. Start two retaining bolts.

NOTE: A slight warpage in the exhaust manifold may cause a misalignment between the bolt holes in the head and exhaust manifold. Elongate the holes in the exhaust manifold as necessary to correct the misalignment. Do not elongate the pilot hole (lower rear bolt hole on No. 2 cylinder).

3. Install remaining manifold retaining bolts. Tighten all to 20-30 N·m (15-22 lb-ft).
4. Raise vehicle.
5. Connect exhaust pipe to exhaust manifold. Tighten retaining nuts to 21-32 N·m (16-24 lb-ft).
6. Install transaxle dipstick tube.
7. Lower vehicle.
8. Install spark plugs.
9. Connect wires to spark plugs.
10. Connect coil secondary wire to coil.
11. Connect EGR tube.
12. Connect Secondary Air Injection (AIR) hose to downstream air tube and clamp securely.
13. Install air cleaner assembly and heat tube.