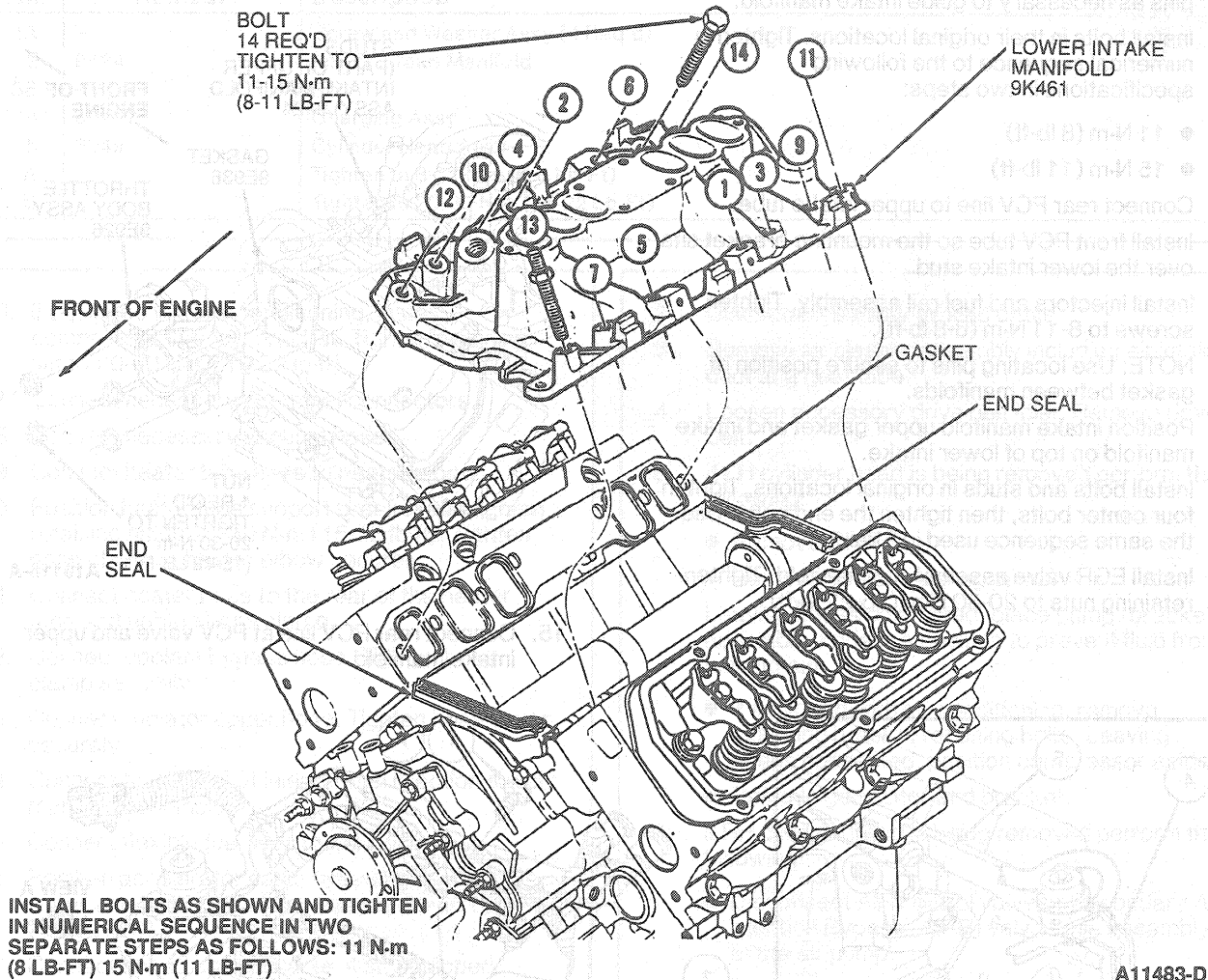


## IN-VEHICLE SERVICE (Continued)

d. Remove all vacuum and electrical fittings.



### Installation

**NOTE:** Lightly oil all retaining bolt and stud bolt threads before installation.

**NOTE:** When using silicone rubber sealer, assembly must occur within 15 minutes after sealer application. After this time, the sealer may start to set-up, and its sealing effectiveness may be reduced.

1. The lower intake manifold, cylinder head, and cylinder block mating surfaces should be clean and free of old gasketing material. Use a suitable solvent to clean these surfaces.
2. If intake manifold was disassembled:
  - Apply a coat of Pipe Sealant with Teflon® D8AZ-19554-A (ESG-M4G194-A and ESR-M18P7-A) or equivalent to the threads of the temperature sending unit, all vacuum fittings, heater elbows, electrical fittings, if equipped. Refer to Specifications.

- Install thermostat (note direction) and gasket. Install thermostat housing. Tighten retaining bolts to 20-30 N·m (15-22 lb-ft).

**NOTE:** Using solvent, clean sealing surfaces of cylinder heads and intake manifold before applying Silicone Sealer.

3. Apply a dab of Gasket and Trim Adhesive D7AZ-19B508-B (ESR-11P17-A and ESE-M2G52-A) or equivalent to each cylinder head mating surface. Press new intake manifold to cylinder head gaskets into place, using locating pins as necessary to aid in assembly.
4. Apply a 3-4mm (1/8 inch) bead of Silicone Rubber D6AZ-19562-BA (ESB-M4G92-A and ESE-M4G195-A) or equivalent at each corner where the cylinder head joins the cylinder block.
5. Install front and rear intake manifold end seals.