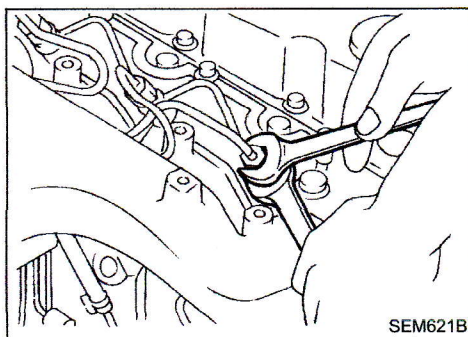
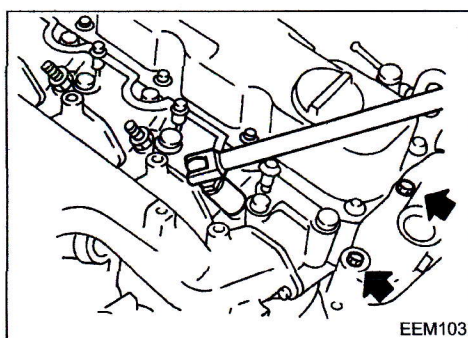


Removal

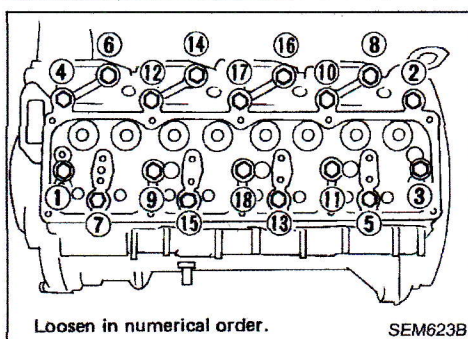
1. Set No. 1 cylinder at TDC on its compression stroke.
2. Drain engine coolant from drain plugs on cylinder block and radiator.
3. Remove air cleaner and intercooler components.
4. Remove the following parts:
 - Water temperature connectors
 - Throttle chamber vacuum hoses
 - EGR valve vacuum hose
 - Connectors located on the intake manifold
 - Connector located on the thermostat housing
 - Heater tubes
 - Connectors of the injection pump
5. Remove alternator adjusting bolt.
6. Disconnect exhaust manifold from front exhaust tube.
7. Remove turbocharger oil and water tubes.
8. Remove turbocharger bracket bolts.
9. Disconnect radiator outlet hose and thermostat housing water inlet hose.



10. Remove fuel injection tube assembly and spill tube.



11. Remove injection nozzle holder from first cylinder with a special tool (KV119E0030). Remove injection nozzles from cylinders 2, 3 and 4 using a deep socket wrench.
12. Remove thermostat housing bolts shown at left.
13. Remove rocker cover and ventilation hose.
14. Remove rocker shaft with rocker arms.
15. Remove push rods.



16. Remove cylinder head bolts in numerical order and remove cylinder head.

Head warpage or cracking could result from removing in incorrect order.