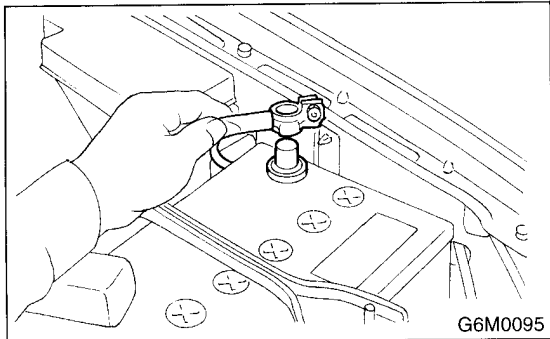


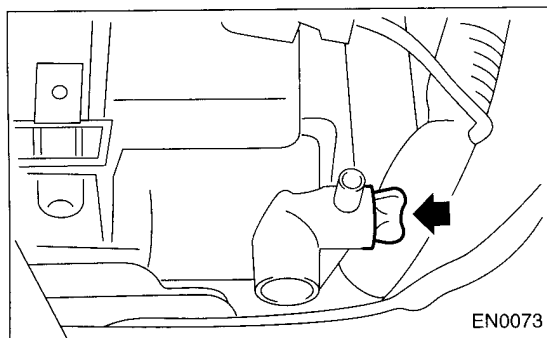
3. Intake Manifold

A: REMOVAL

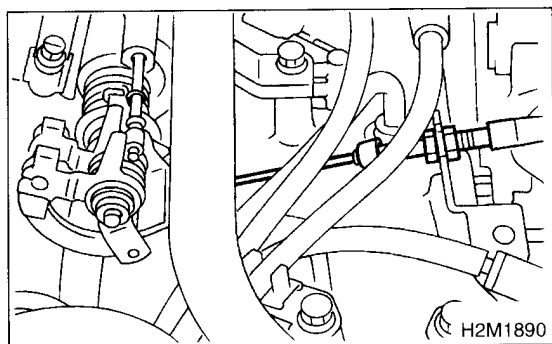
- 1) Release the fuel pressure. <Ref. to FU(DOHC TURBO)-51, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>
- 2) Disconnect the battery ground cable.



- 3) Lift up the vehicle.
- 4) Remove the under cover.
- 5) Drain the coolant about 3.0 ℓ (3.2 US qt, 2.6 Imp qt).

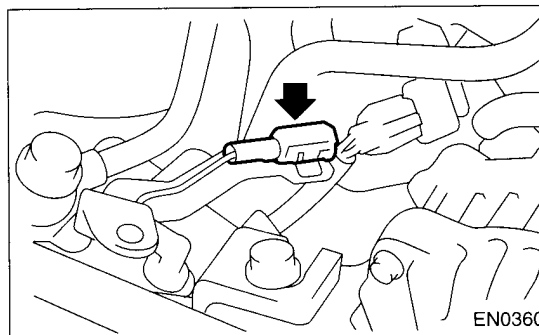


- 6) Remove the air cleaner upper cover and air intake boot. <Ref. to IN(DOHC TURBO)-7, REMOVAL, Air Cleaner.>
- 7) Remove the air cleaner element.
- 8) Remove the intercooler. <Ref. to IN(DOHC TURBO)-10, REMOVAL, Intercooler.>
- 9) Disconnect the accelerator cable.



- 10) Remove the coolant filler tank. <Ref. to CO-51, REMOVAL, Coolant Filler Tank.>

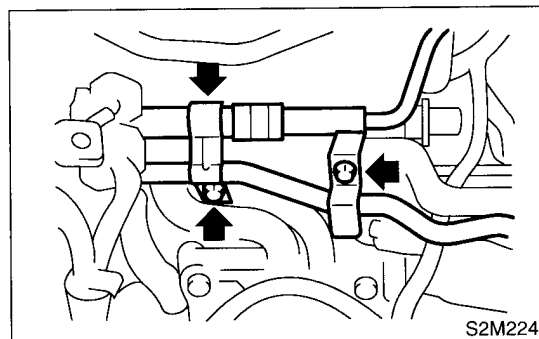
- 11) Remove the power steering pump.
 - (1) Remove the front side V-belt. <Ref. to ME(DOHC TURBO)-44, REMOVAL, V-belt.>
 - (2) Disconnect the power steering switch connector.



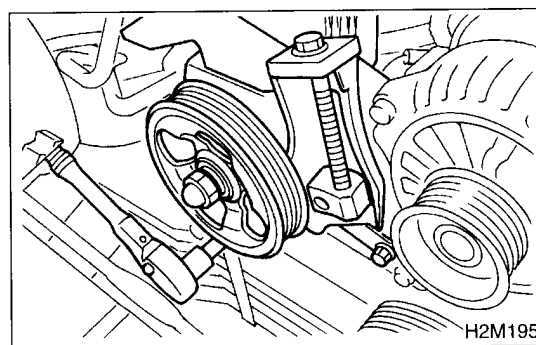
- (3) Remove the bolts which secure the power steering pipe brackets to the intake manifold.

NOTE:

Do not disconnect the power steering hose.



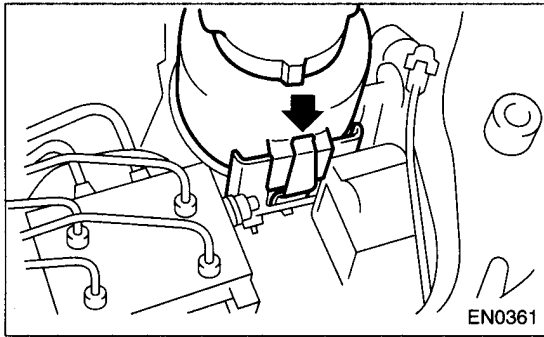
- (4) Remove the bolts which secure the power steering pump bracket.



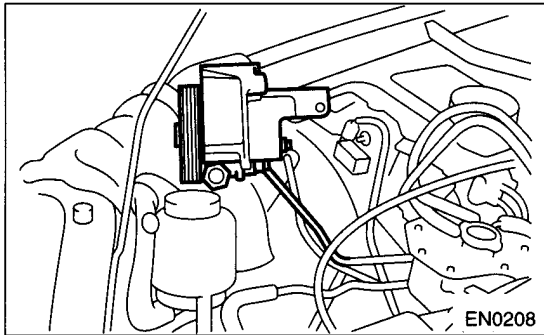
INTAKE MANIFOLD

FUEL INJECTION (FUEL SYSTEMS)

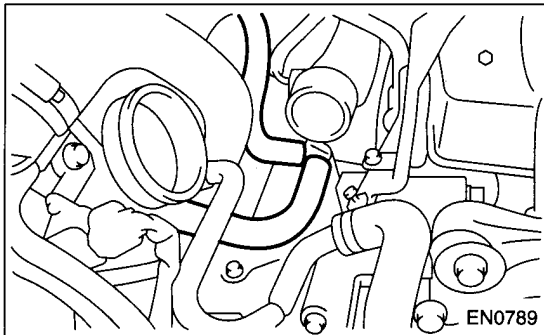
(5) Remove the power steering tank from the bracket by pulling it upward.



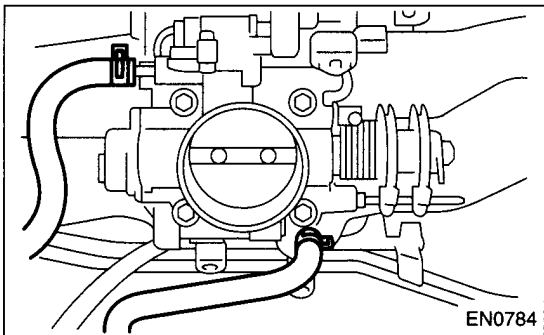
(6) Place the power steering pump on the right side wheel apron.



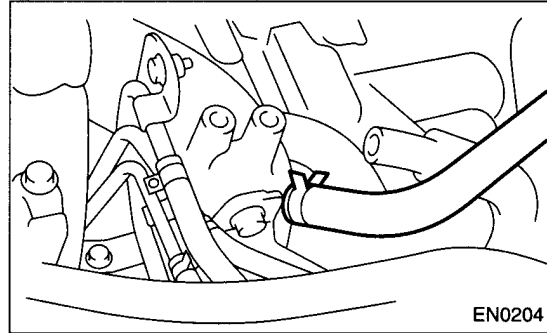
12) Disconnect the emission hose from the PCV valve.



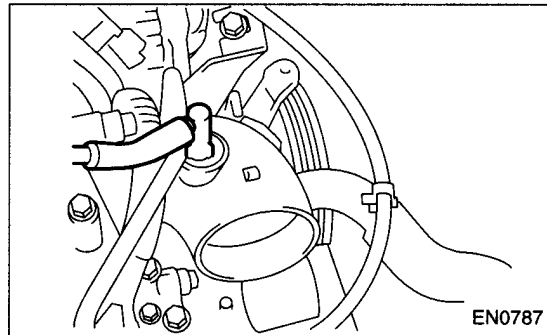
13) Disconnect the engine coolant hoses from the throttle body.



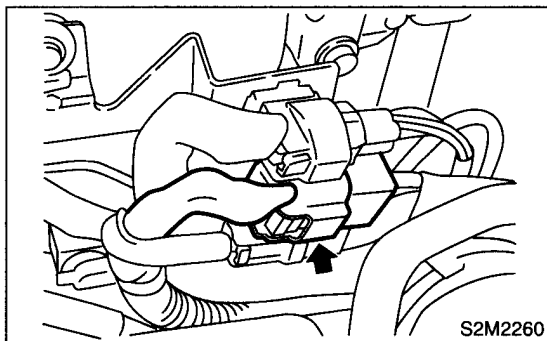
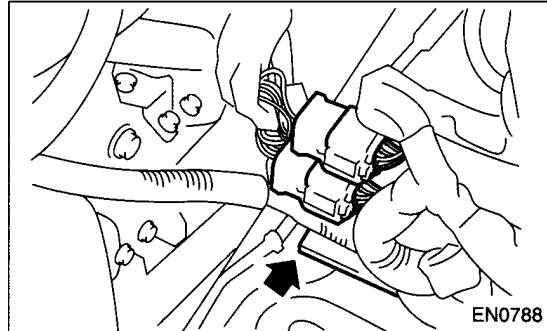
14) Disconnect the brake booster hose.



15) Disconnect the pressure hose from the intake duct.



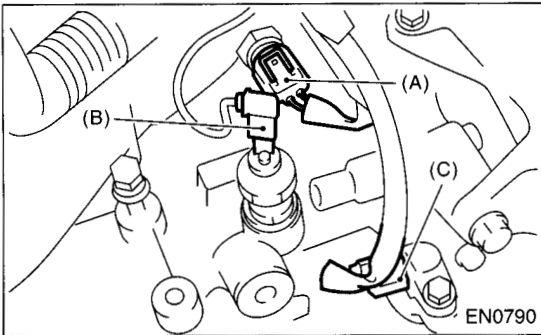
16) Disconnect the engine harness connectors from the bulkhead harness connectors.



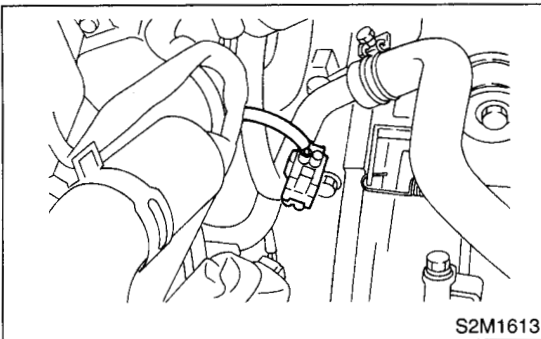
INTAKE MANIFOLD

FUEL INJECTION (FUEL SYSTEMS)

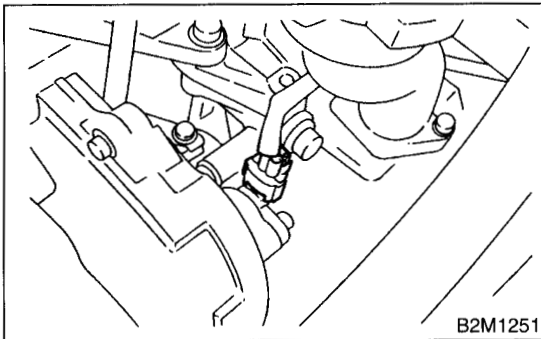
17) Disconnect the connectors from the engine coolant temperature sensor (A), oil pressure switch (B) and crankshaft position sensor (C).



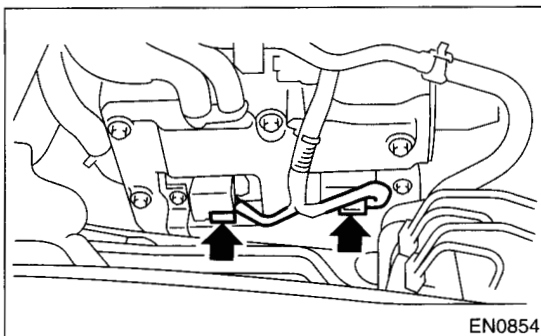
18) Disconnect the knock sensor connector.



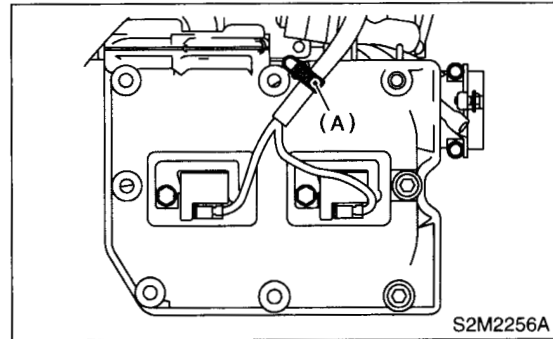
19) Disconnect the connector from the camshaft position sensor.



20) Disconnect the connector from the ignition coil.

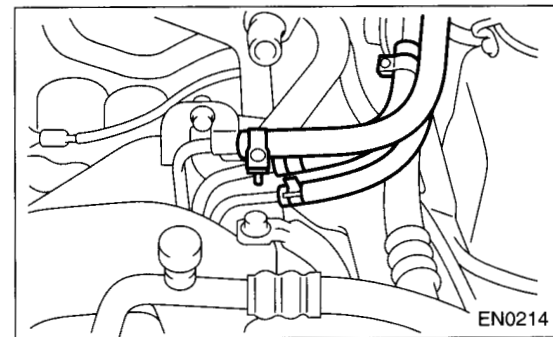


21) Disconnect the engine harness fixed by clip (A) from the bracket.

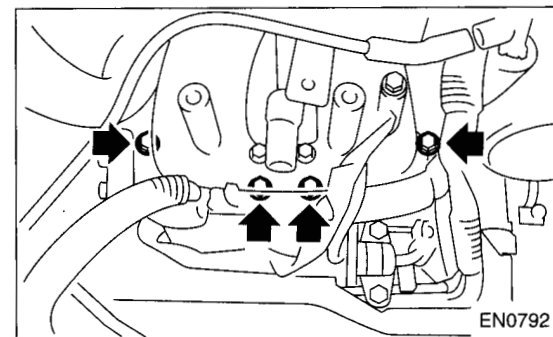


22) Disconnect the fuel delivery hose, return hose and evaporation hose.

WARNING:
Catch the fuel from hoses in a container.



23) Remove the bolts which secure the intake manifold to the cylinder heads.



24) Remove the intake manifold.