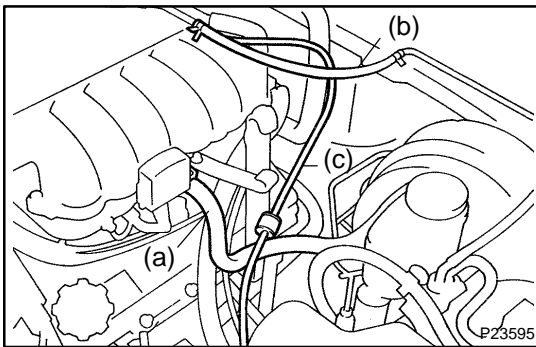
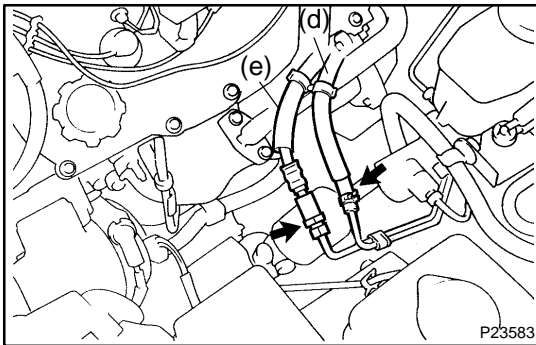


REMOVAL

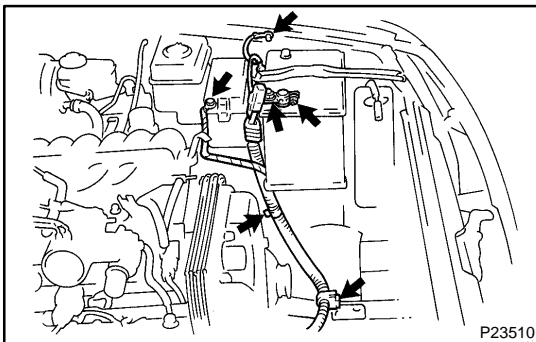
1. REMOVE TRANSMISSION
(W59 M/T: See page [MT-7](#))
(R150F M/T: See page [MT-4](#))
(A340F: See page [AT-24](#))
2. REMOVE ENGINE UNDER COVER
3. DRAIN ENGINE COOLANT AND OIL
4. REMOVE HOOD
5. REMOVE RADIATOR ASSEMBLY (See page [CO-17](#))
6. DISCONNECT HEATER HOSES
7. DISCONNECT CABLES
 - (a) Disconnect the accelerator cable.
 - (b) A/T:
Disconnect the throttle cable.
 - (c) w/ Cruise Control:
Disconnect the cruise control actuator cable.
8. REMOVE FAN WITH FLUID COUPLING AND FAN PULLEYS
9. REMOVE AIR CLEANER ASSEMBLY



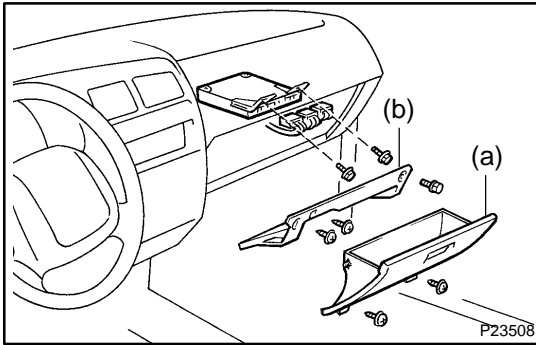
10. DISCONNECT HOSES
 - (a) Disconnect the brake booster vacuum hose.
 - (b) Disconnect the EVAP hose.
 - (c) Disconnect the A.D.D. vacuum hose.



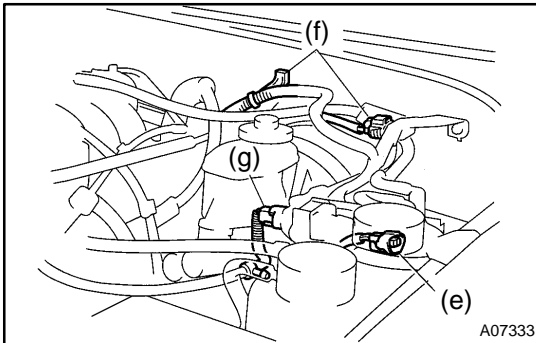
- (d) Disconnect the fuel return hose.
- (e) Disconnect the fuel inlet hose.



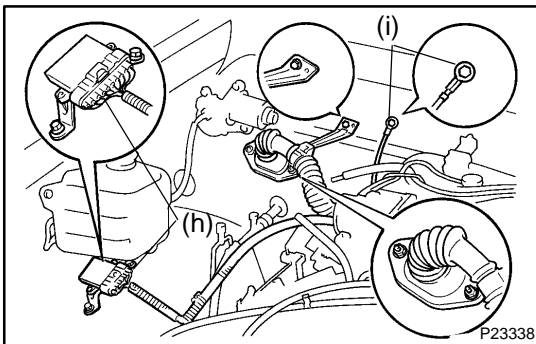
11. DISCONNECT STARTER WIRE AND CONNECTORS
 - (a) Remove the bolt, and disconnect the ground strap.
 - (b) Remove the 2 nut, and disconnect the positive (+) terminal cable from the battery.
 - (c) Disconnect the 2 starter the wire clamps and connector.
 - (d) Remove the nut, and disconnect the wire from the relay block No.2.
12. DISCONNECT GENERATOR WIRE (See page [CH-5](#))

**13. DISCONNECT ENGINE WIRE FROM CABIN**

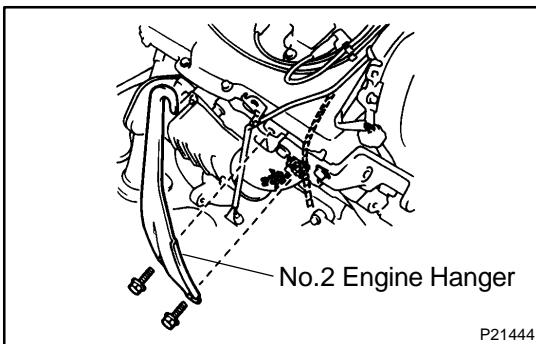
- (a) Remove the glove compartment.
- (b) Remove the lower finish No.2 panel.
- (c) Remove the 2 bolts and ECM.
- (d) Disconnect the 4 ECM connectors.



- (e) Disconnect the VSV connector for the EVAP.
- (f) Disconnect the vapor pressure sensor connector.
- (g) Disconnect the VSV connector for the vapor pressure sensor.



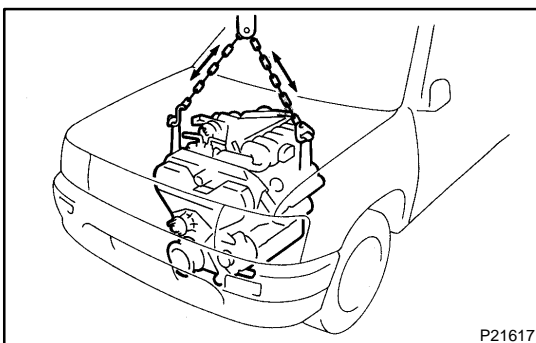
- (h) Disconnect the igniter connector.
- (i) Disconnect the ground strap.
- (j) Remove the bolt and 2 nuts.
- (k) Pull out the engine wire from the cabin.

**14. REMOVE ENGINE**

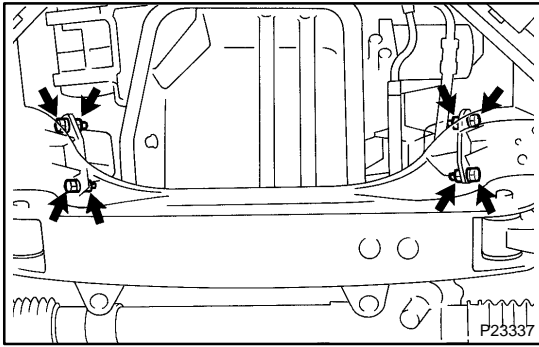
- (a) Remove the bolt and disconnect the A/C compressor wire clamp.
- (b) Install a No.2 engine hanger in the correct direction.
Part No.:

No.2 Engine hanger	12282 – 62030
Bolt	91512 – 61020

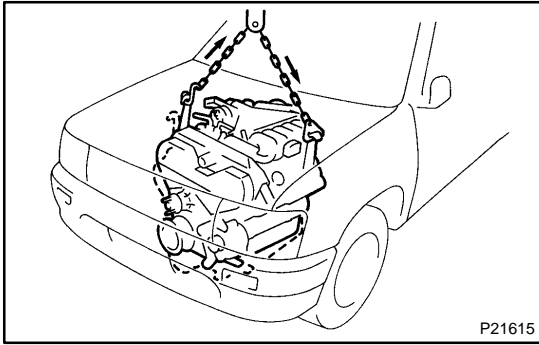
Torque: 40 N·m (400 kgf·cm, 30 ft·lbf)



- (c) Attach the engine hoist chain to the 2 engine hangers.



- (d) Remove the 4 bolts and 4 nuts holding the engine front mounting insulators to the frame.



- (e) Lift the engine out of the vehicle slowly and carefully.

NOTICE:

Make sure the engine is clear of all wiring and hoses.

- (f) Place the engine assembly onto the stand.