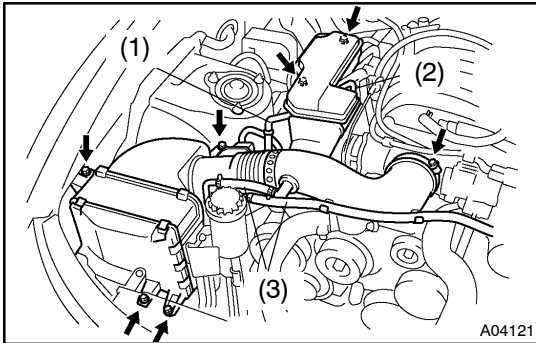
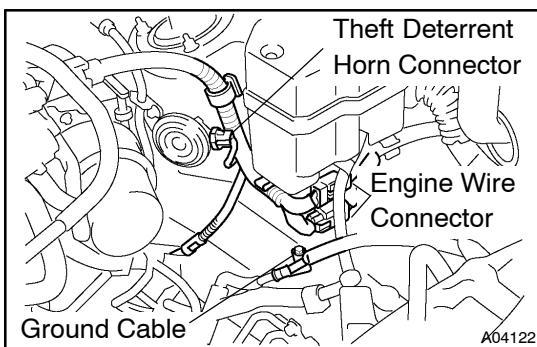


REMOVAL

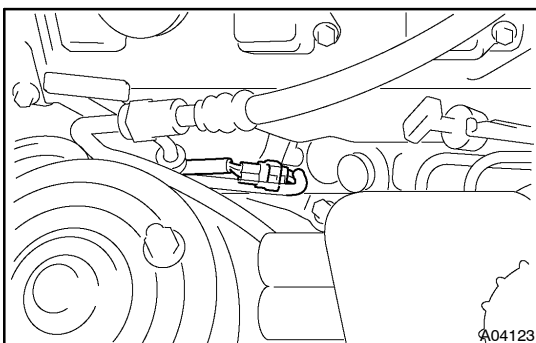
1. REMOVE HOOD
2. REMOVE ENGINE UNDER COVERS
3. REMOVE V-BANK COVER AND BATTERY
4. DRAIN ENGINE COOLANT
5. DRAIN ENGINE OIL
6. REMOVE DRIVE BELT
(See page CH-7)
7. DISCONNECT ACCELERATOR CABLE



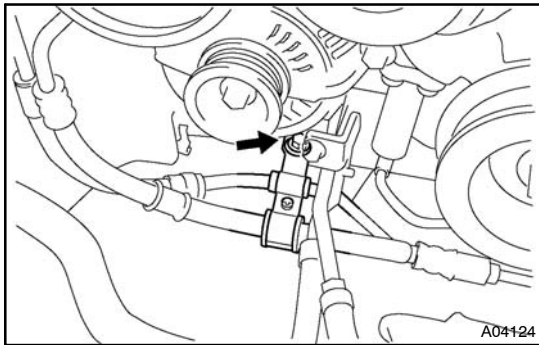
8. REMOVE AIR CLEANER AND INTAKE AIR CONNECTOR ASSEMBLY
 - (a) Disconnect the MAF meter connector.
 - (b) Disconnect these hoses:
 - (1) PS air hose
 - (2) PCV hose
 - (3) EVAP hose
 - (c) Disconnect the intake air connector from the throttle body.
 - (d) Remove the 6 bolts and air cleaner and intake air connector assembly.
9. REMOVE COOLING FAN RESERVOIR AND RADIATOR ASSEMBLY
(See page CO-46)



10. DISCONNECT ENGINE WIRE CONNECTORS
 - (a) Disconnect the 2 engine wire connectors.
 - (b) Disconnect the engine wire from the wire clamp.
 - (c) Disconnect the engine wire from the body.
11. DISCONNECT THEFT DETERRENT HORN CONNECTOR
12. DISCONNECT GROUND CABLE FROM BODY



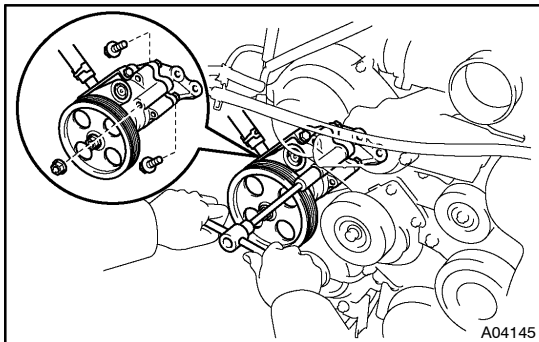
13. DISCONNECT POWER STEERING (PS) SOLENOID VALVE CONNECTOR

**14. DISCONNECT POWER STEERING (PS) TUBES**

Remove the bolt, and disconnect the PS tubes.

15. DISCONNECT POWER STEERING (PS) RESERVOIR TANK AND BRACKET FROM BODY

Remove the 3 bolts, and disconnect the reservoir tank and bracket assembly.

**16. DISCONNECT POWER STEERING (PS) PUMP FROM ENGINE**

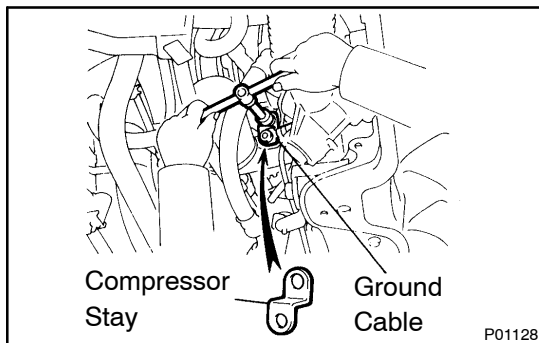
Remove the nut and 2 bolts, and disconnect the PS pump from the engine.

HINT:

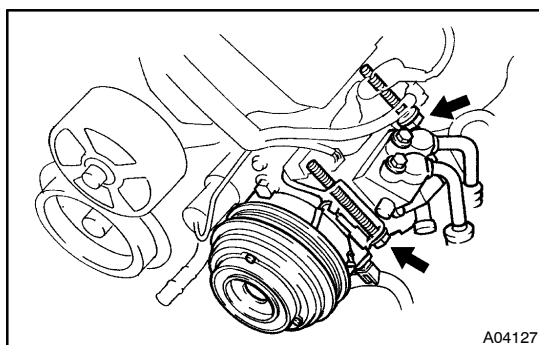
Put aside the PS pump, and suspend it.

17. REMOVE GENERATOR

(See page CH-7)

**18. DISCONNECT AIR CONDITIONING (A/C) COMPRESSOR FROM ENGINE**

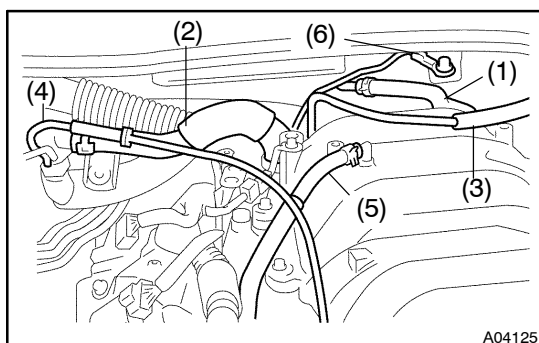
- (a) Disconnect the A/C compressor connector.
- (b) Remove the nut, and disconnect the ground cable from the A/C compressor stay.
- (c) Remove the bolt and A/C compressor stay.



- (d) Disconnect the wire clamp from the A/C compressor.
- (e) Remove the 2 bolts, and disconnect the A/C compressor from the engine.

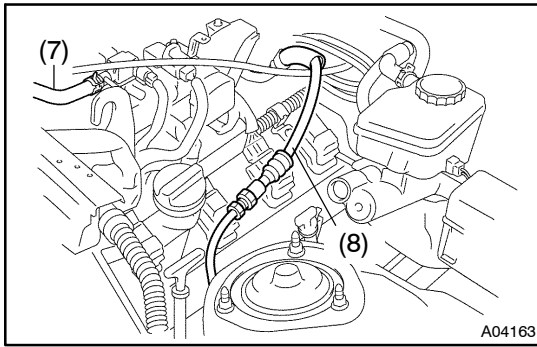
HINT:

Put aside the A/C compressor, and suspend it.

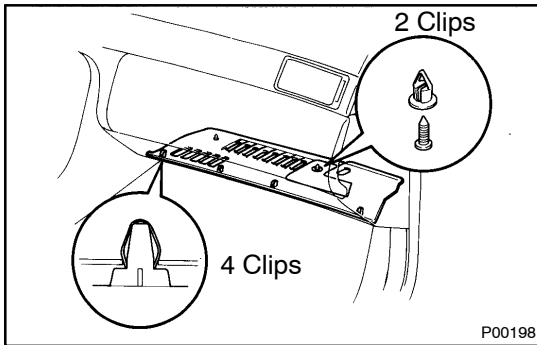
**19. DISCONNECT HOSES**

Disconnect these hoses and ground strap:

- (1) Heater water hose from water bypass pipe
- (2) Heater water hose from heater water valve
- (3) Brake booster vacuum hose
- (4) Vacuum hose (from VSV for heater water valve)
- (5) PS air hose
- (6) Ground strap from bracket on body

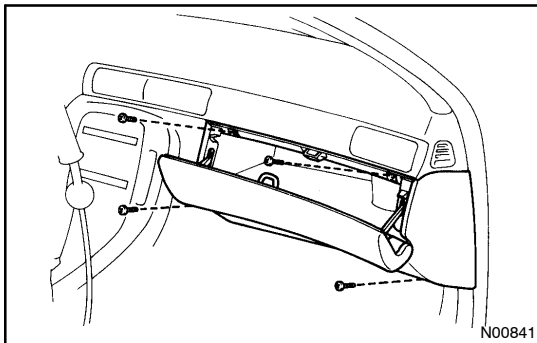


- (7) EVAP hose from VSV for EVAP
- (8) Fuel hose

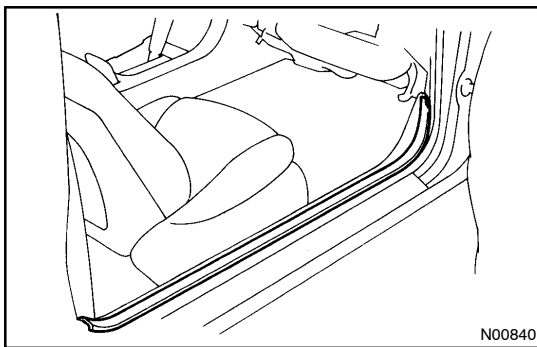


20. DISCONNECT ENGINE WIRE FROM CABIN

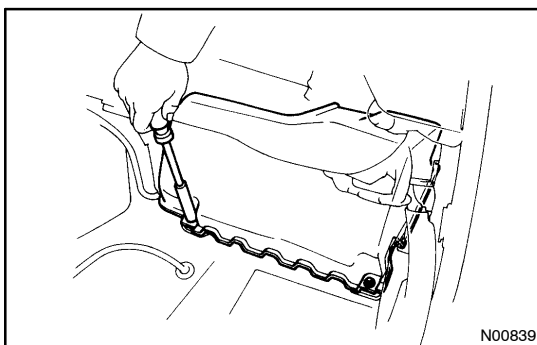
- (a) Remove the 2 clips, and pull out the instrument panel under cover.



- (b) Remove the 4 screws.
- (c) Disconnect the connectors, and remove the lower instrument panel finish panel and glove compartment door assembly

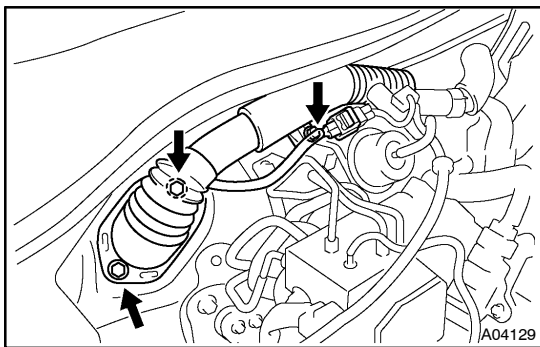
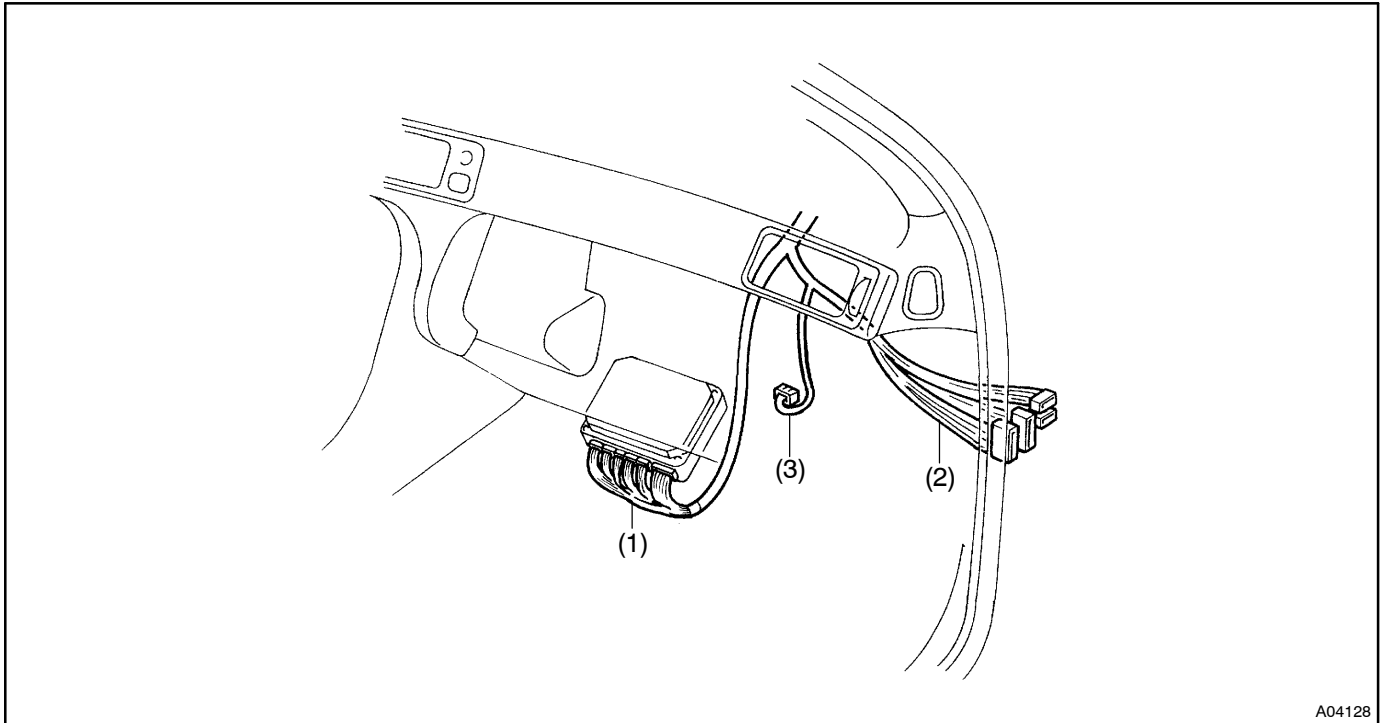


- (d) Pull out the scuff plate.

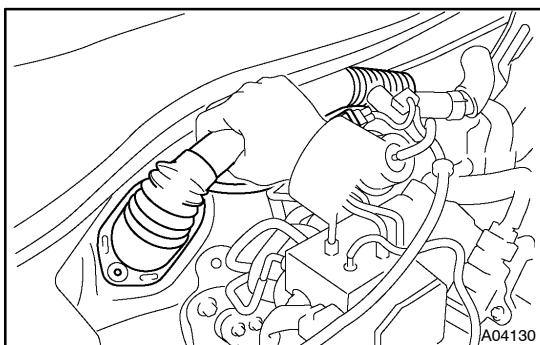


- (e) Take out the front side of the floor carpet.
- (f) Remove the 2 nuts and ECM protector.

- (g) Remove the 2 nuts, and disconnect the ECM from the floor panel.
- (h) Disconnect these connectors:
 - (1) 6 connectors from ECM
 - (2) 4 connectors from connector cassette
 - (3) Connector from A/C control assembly



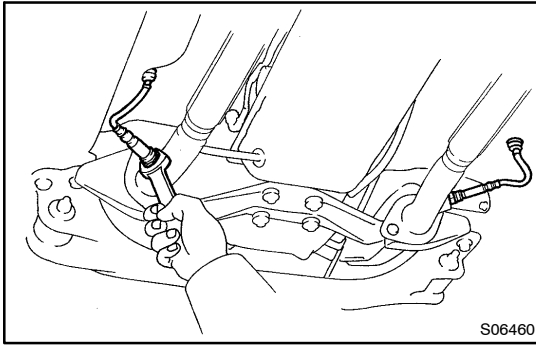
- (i) Remove the bolt holding the engine wire clamp to the heater water valve bracket.
- (j) Remove the 2 bolts holding the engine wire clamp to the body.
- (k) Disconnect the VSV connector for heater water valve.



- (l) Pull out the engine wire from the cabin.

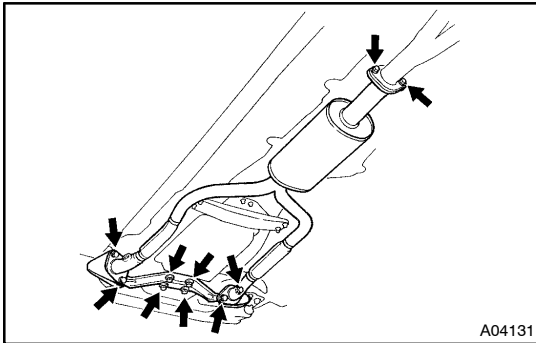
NOTICE:

Be careful not to damage the engine wire.



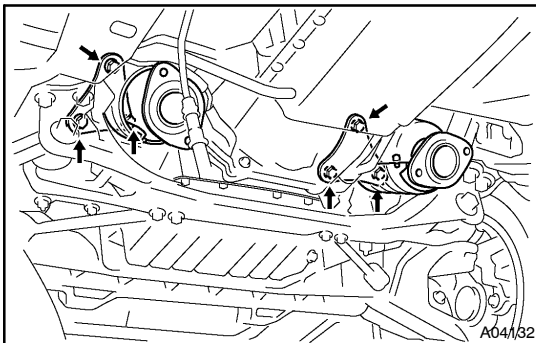
21. DISCONNECT HEATED OXYGEN SENSORS (BANK1, 2 SENSOR2) FROM FRONT EXHAUST PIPE

- (a) Disconnect the 2 wire grommets from the floor panel.
- (b) Disconnect the 2 oxygen sensors from the exhaust pipe.



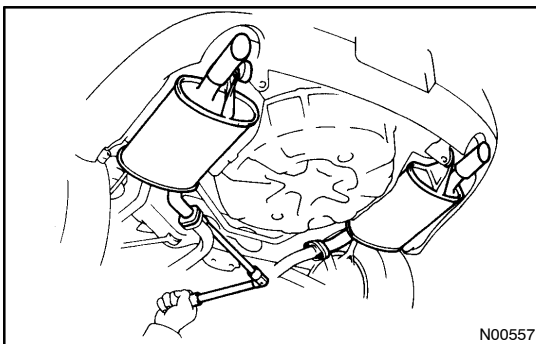
22. REMOVE FRONT EXHAUST PIPE

- (a) Remove the 4 bolts holding the pipe support bracket to the transmission.
- (b) Remove the 2 bolts and nuts holding the front exhaust pipe to the center exhaust pipe.
- (c) Remove the 4 bolts and 2 bracket holding the front exhaust pipe to the TWC.
- (d) Remove the pipe support bracket, front exhaust pipe and 3 gaskets.



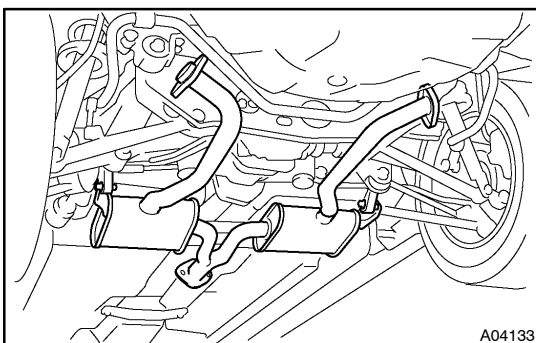
23. REMOVE TWC

Using a 14 mm deep socket wrench, remove the 3 nuts, TWC and gasket. Remove the 2 TWCs.



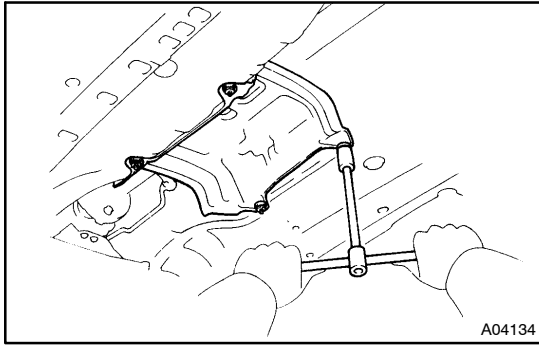
24. REMOVE TAILPIPE

- (a) Remove the 4 nuts holding the tailpipes to the center exhaust pipe.
- (b) Disconnect the hook from the ring on tailpipe bracket, and remove the tailpipe and gasket. Remove the 2 tailpipes.



25. REMOVE CENTER EXHAUST PIPE

Disconnect the 2 hooks of the exhaust pipe from the rings on exhaust pipe brackets, and remove the exhaust pipe.

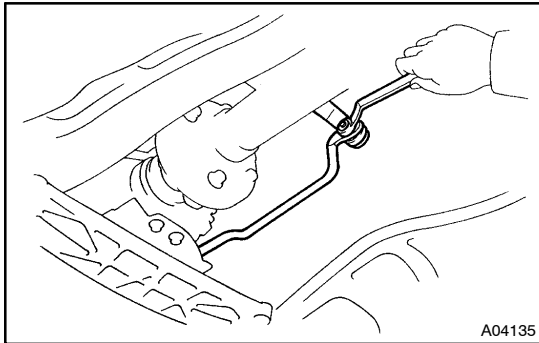


26. REMOVE HEAT INSULATOR FOR FRONT EXHAUST PIPE

Remove the 4 nuts and heat insulator.

27. REMOVE CENTER FLOOR CROSSMEMBER BRACE

Remove the 4 bolts and crossmember brace.

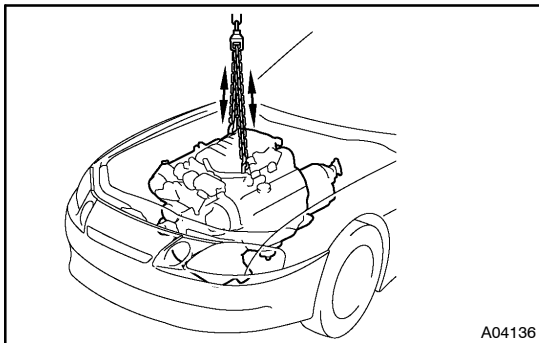


28. DISCONNECT TRANSMISSION CONTROL ROD FROM SHIFT LEVER

Remove the nut, and disconnect the control rod from the shift lever.

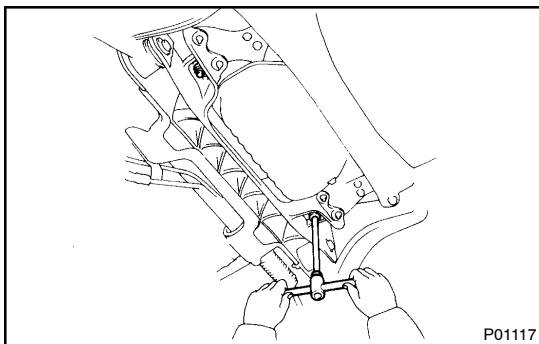
29. REMOVE PROPELLER SHAFT

(See page [PR-10](#))

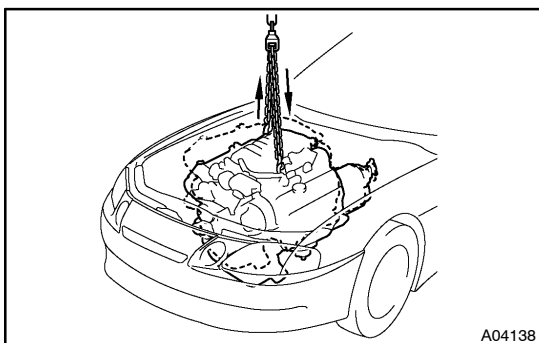


30. REMOVE ENGINE AND TRANSMISSION ASSEMBLY FROM VEHICLE

- (a) Attach the engine chain hoist to the engine hangers.



- (b) Remove the 2 nuts holding the engine mounting insulators to the front suspension crossmember.
(c) Remove the 4 bolts, 4 nuts and rear engine mounting member. Disconnect the ground strap.



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

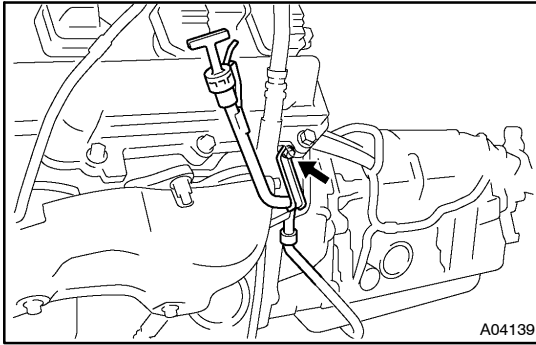
HINT:

Make sure the engine is clear of all wires, hoses and cables.

NOTICE:

Be careful not hit the PS gear housing, PNP switch and ABS actuator.

- (e) Place the engine and transmission assembly onto the stand.



31. REMOVE OIL DIPSTICK GUIDE AND DIPSTICK FOR TRANSMISSION

- (a) Remove the bolt.
- (b) Pull out the dipstick guide and dipstick from the port of transmission.
- (c) Remove the O-ring from the dipstick guide.

32. REMOVE OIL COOLER PIPES FOR TRANSMISSION

- (a) Remove the 2 bolts.
- (b) Loosen the 2 union nuts, and remove the oil cooler pipes.

33. REMOVE TRANSMISSION

(See page AT-21)

34. REMOVE DRIVE PLATE

Remove the 8 bolts, front spacer, drive plate and rear spacer.

