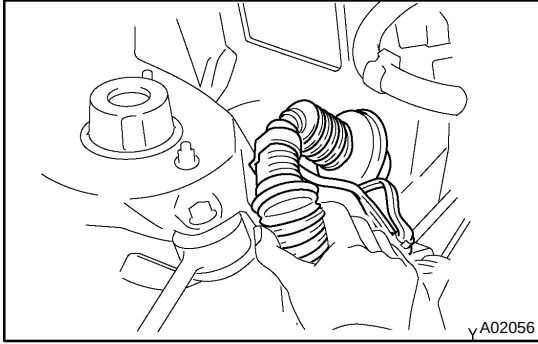


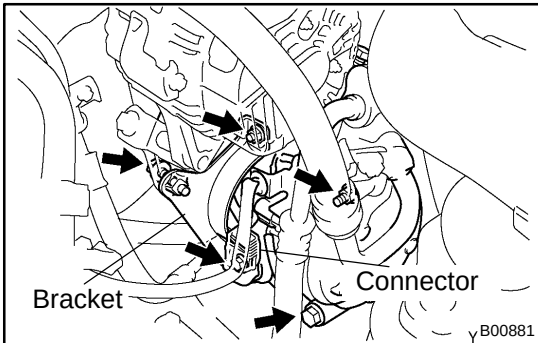
REMOVAL

- 1. REMOVE HOOD**
- 2. REMOVE OUTER FR COWL TOP PANEL ASSEMBLY**
 - (a) Remove the 2 wiper arm head caps.
 - (b) Remove the 2 nuts and wiper arm and blade assemblies.
 - (c) Remove the head to cowl top seal.
 - (d) Remove the cowl panel hole cover.
 - (e) Remove the clip and disconnect the window washer hose, and remove the cowl top ventilator louver. Remove the RH and LH ventilator louvers.
 - (f) Remove the 11 bolts and disconnect the wiper motor connector, and remove the cowl top ventilator louver.
- 3. REMOVE HEATER AIR DUCT**
- 4. REMOVE BATTERY AND TRAY**
- 5. DRAIN ENGINE COOLANT**
- 6. DRAIN ENGINE OIL**
- 7. REMOVE V-BANK COVER**
- 8. REMOVE AIR CLEANER CAP ASSEMBLY AND AIR CLEANER CASE**
- 9. REMOVE CRUISE CONTROL ACTUATOR**
- 10. REMOVE RADIATOR (See page [CO-17](#))**
- 11. DISCONNECT A/T OIL COOLER PIPE**
 - (a) Disconnect the A/T oil cooler hose from the A/T oil cooler pipe.
 - (b) Remove the bolt and disconnect the A/T oil cooler pipe from the frame.
- 12. DISCONNECT CONNECTORS, CLAMP AND HOSES**
 - (a) Disconnect the noise filter connector.
 - (b) Disconnect the generator wire and connector.
 - (c) Disconnect the starter wire and connector.
 - (d) Disconnect the 2 ground strap connectors from RH fender apron.
 - (e) Disconnect the ground strap from LH fender apron.
 - (f) Disconnect the brake booster vacuum hose from air intake chamber.
 - (g) Disconnect the engine coolant reservoir hose from water outlet.
 - (h) Disconnect the heater hose from intake manifold.
 - (i) Disconnect the heater hose from water inlet housing.
 - (j) Disconnect the fuel inlet hose from fuel pipe.
 - (k) Disconnect the EVAP hose from pipe on emission control valve set.
 - (l) Disconnect the 2 vacuum hoses from vacuum tank for ACIS.



13. DISCONNECT ENGINE WIRE FROM CABIN

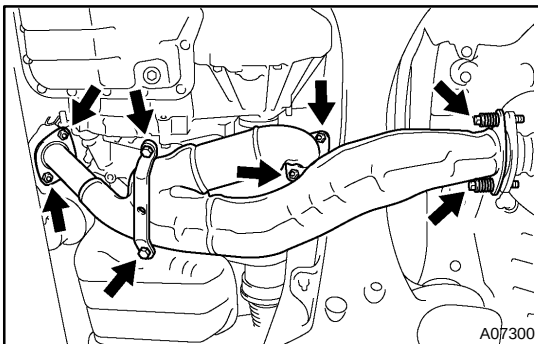
- (a) Remove the ECM. (See page [SF-83](#))
- (b) Disconnect the grommet from the cowl panel, and pull out the engine wire.



14. DISCONNECT A/C COMPRESSOR FROM ENGINE

- (a) Disconnect the A/C compressor connector.
- (b) Remove the drive belt.
- (c) Remove the 4 bolts, nut and drive belt adjusting bar bracket.
- (d) Disconnect the A/C compressor from the engine.

15. DISCONNECT A/T SHIFT CONTROL CABLE FROM TRANSAXLE



16. REMOVE FRONT EXHAUST PIPE

- (a) Remove the 2 bolts holding the support stay to the support bracket.
- (b) Remove the 2 bolts and 2 compression springs holding the front exhaust pipe to the center exhaust pipe.
- (c) Remove the 4 nuts holding the front exhaust pipe to the exhaust manifolds.
- (d) Remove the front exhaust pipe and 3 gaskets.

17. REMOVE FENDER APRON SEALS

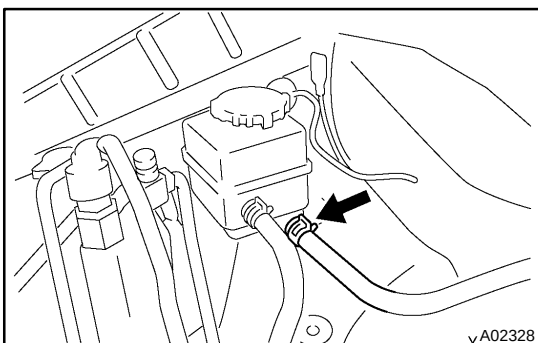
18. REMOVE DRIVE SHAFTS (See page [SA-16](#))

19. DISCONNECT STABILIZER BAR LINKS

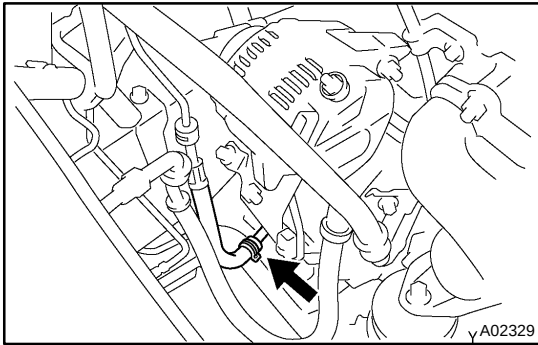
(See page [SA-40](#))

20. DISCONNECT INTERMEDIATE SHAFT ASSEMBLY

(See page [SR-11](#))

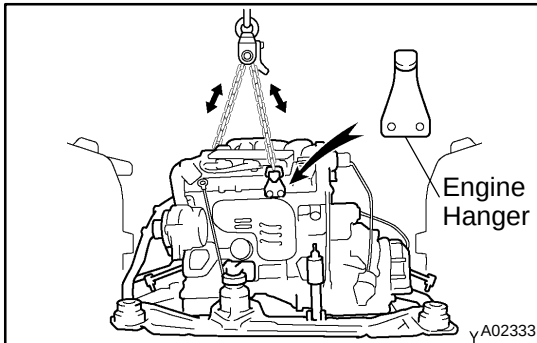


21. DISCONNECT PS HOSE FROM PS OIL RESERVOIR



22. **DISCONNECT PS HOSE FROM PS RESERVOIR PIPE**
23. **REMOVE ENGINE UNDER COVER**
24. **DISCONNECT FENDER APRON SEALS**

Remove the screws and turn over the front side of the LH and RH fender liners.



25. **ATTACH ENGINE SLING DEVICE TO ENGINE HANGERS**

- (a) Install the No.2 engine hanger in the correct direction.

Part No.:

No.2 engine hanger 12282-20020

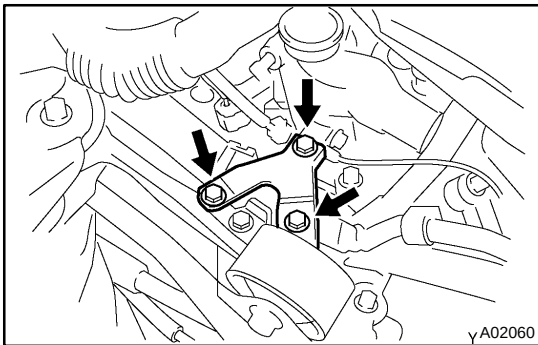
Bolt 91642-80825

Torque: 19.5 N·m (200 kgf·cm, 14 ft·lbf)

- (b) Attach the sling device to the engine hangers.

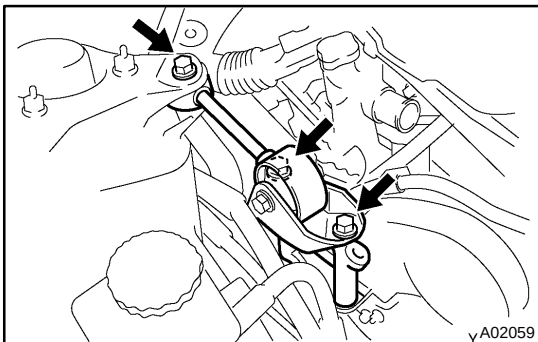
CAUTION:

Do not attempt to hang the engine by hooking the chain to any other part.



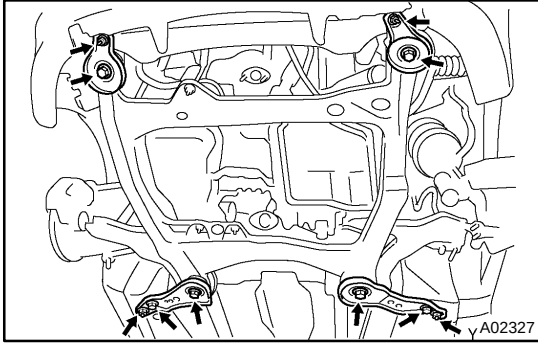
26. **REMOVE RH ENGINE MOUNTING STAY**

Remove the 3 bolts and RH engine mounting stay.



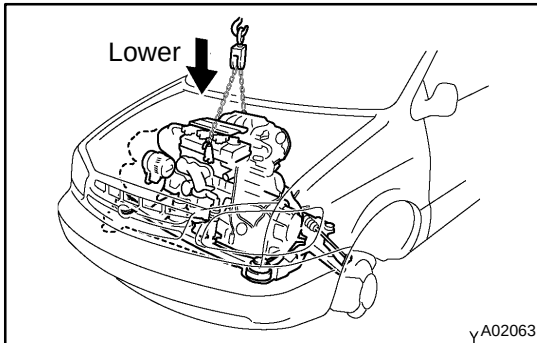
27. **REMOVE ENGINE MOVING CONTROL ROD AND NO.2 RH ENGINE MOUNTING BRACKET**

Remove the 3 bolts, control rod and mounting bracket.



28. REMOVE LOWER BRACES

Remove the 6 bolts, 4 nuts and 4 lower braces.

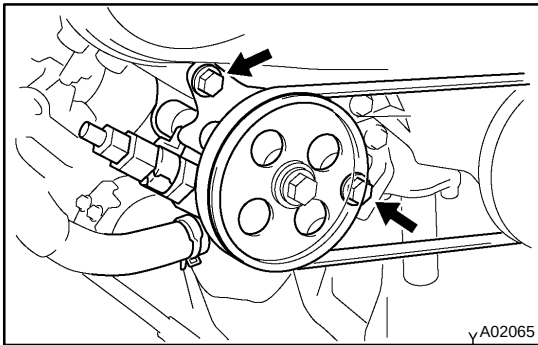


29. REMOVE ENGINE, TRANSAXLE AND FRONT SUSPENSION MEMBER ASSEMBLY FROM VEHICLE

Lower the engine out of the vehicle slowly and carefully.

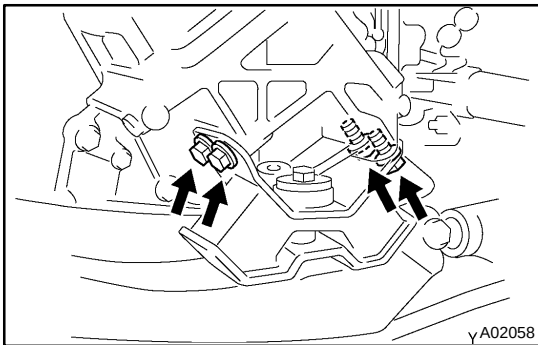
NOTICE:

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



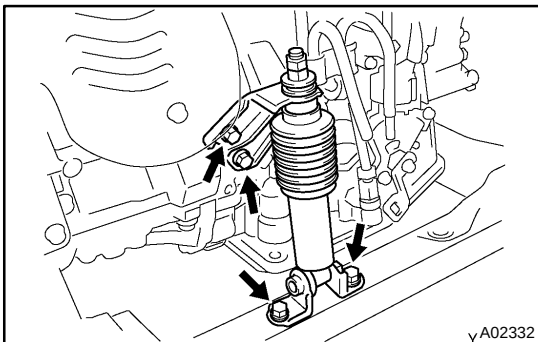
30. DISCONNECT PS VANE PUMP FROM ENGINE

- Disconnect the PS oil pressure switch connector.
- Disconnect the heated oxygen sensor (bank 1 sensor 1) connector clamp.
- Remove the nut, and disconnect the PS pressure tube from the No.1 engine hanger.
- Loosen the 2 bolts, and remove the drive belt.
- Remove the 2 bolts, and disconnect the PS vane pump from the engine.

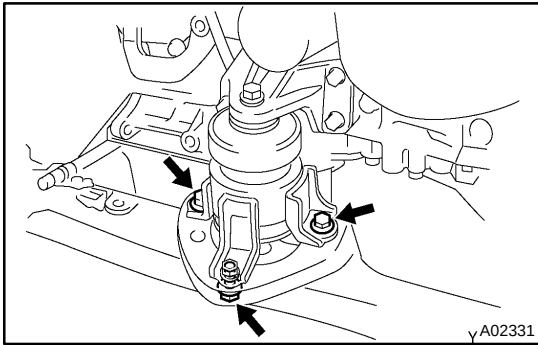


31. REMOVE FRONT SUSPENSION MEMBER

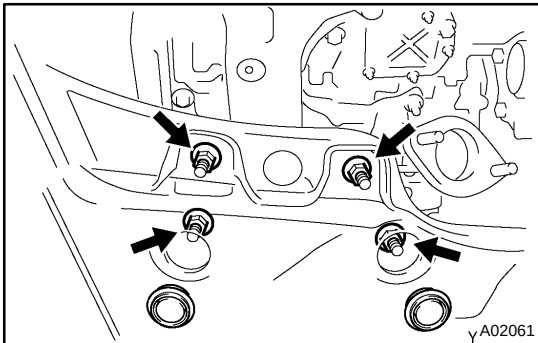
- Remove the 4 bolts holding the transaxle to the LH engine mounting insulator.



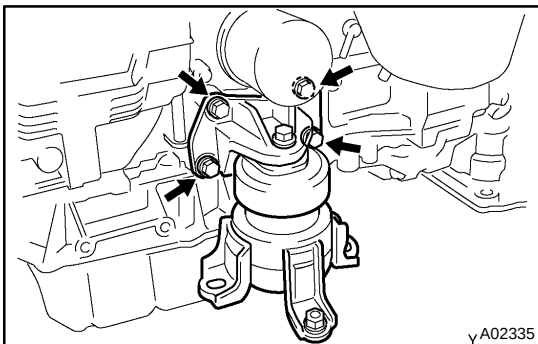
- Remove the 4 bolts and engine mounting absorber.



- (c) Remove the 3 bolts holding the front engine mounting insulator to the front frame.

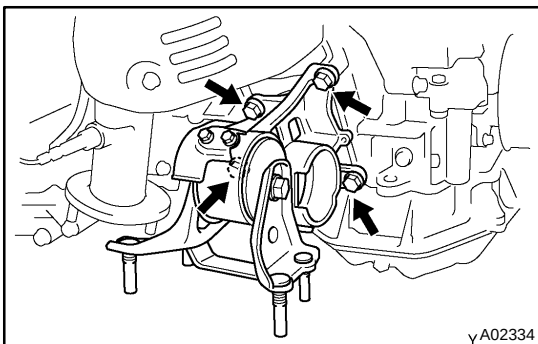


- (d) Remove the 2 hole plugs.
 (e) Remove the 4 nuts holding the rear engine mounting insulator to the front frame.
 (f) Remove the front suspension member.



32. REMOVE FRONT ENGINE MOUNTING INSULATOR FROM ENGINE

Remove the 4 bolts and mounting insulator.



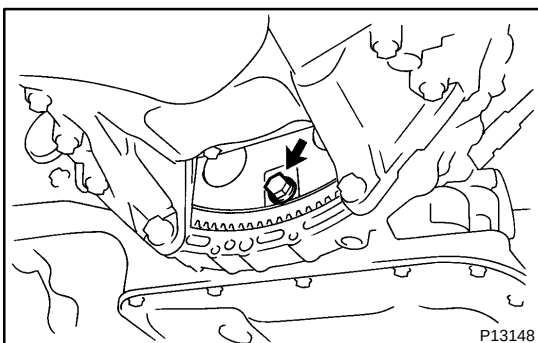
33. REMOVE REAR ENGINE MOUNTING INSULATOR FROM ENGINE

Remove the 4 bolts, the mounting insulator and bracket assembly.

34. REMOVE STARTER (See page [ST-5](#))

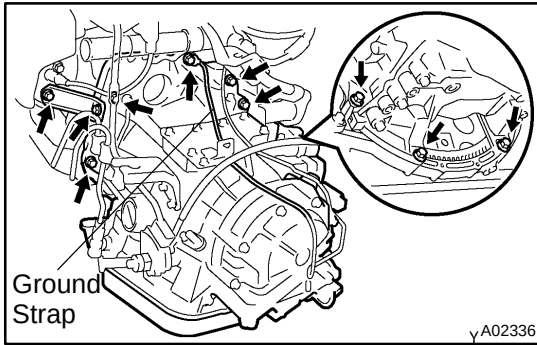
35. DISCONNECT ENGINE WIRE FROM TRANSAXLE

- (a) Disconnect the PNP switch connector.
 (b) Disconnect the solenoid connector.
 (c) Disconnect the ATF temperature sensor connector.

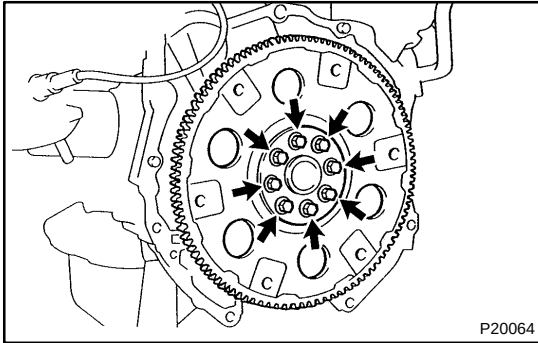


36. REMOVE TORQUE CONVERTER CLUTCH MOUNTING BOLTS

- (a) Remove the 2 bolts, exhaust pipe support stay and fly-wheel housing under cover.
 (b) Turn the crankshaft pulley bolt to gain access to each bolt.
 (c) Hold the crankshaft pulley bolt with a wrench, and remove the 6 bolts.

**37. REMOVE TRANSAXLE**

- (a) Remove the bolt, nut and LH exhaust manifold stay.
- (b) Remove the 8 bolts and ground strap.
- (c) Remove the transaxle together with the torque converter clutch from the engine.

**33. REMOVE DRIVE PLATE**

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