AX0LR–01

REMOVAL

1. REMOVE HOOD
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

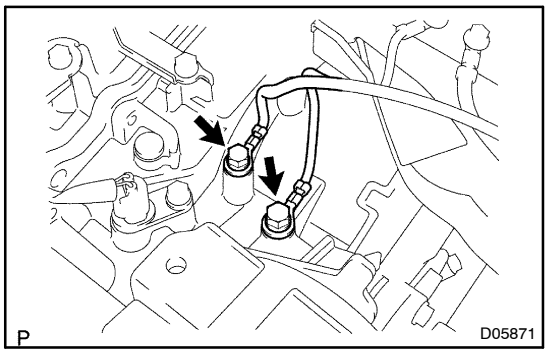
2. REMOVE BATTERY

3. REMOVE ENGINE AND ECT ECU AND ENGINE AND ECT ECU CASE
Torque: 6.9 N·m (70 kgf·cm, 61 in.·lbf)

4. REMOVE ENGINE AND ECT ECU BRACKET
Torque:
Bolt: 18 N·m (185 kgf·cm, 13 ft·lbf)
Nut: 12 N·m (120 kgf·cm, 9 ft·lbf)

5. REMOVE AIR CLEANER ASSEMBLY

6. REMOVE NO. 2 CYLINDER HEAD COVER
Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)



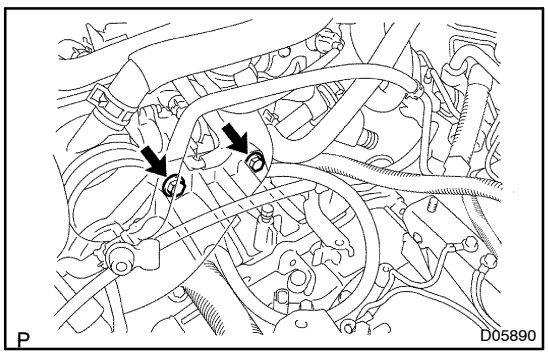
7. REMOVE 2 GROUND CABLES
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

8. DISCONNECT CONTROL CABLE FROM CLAMP

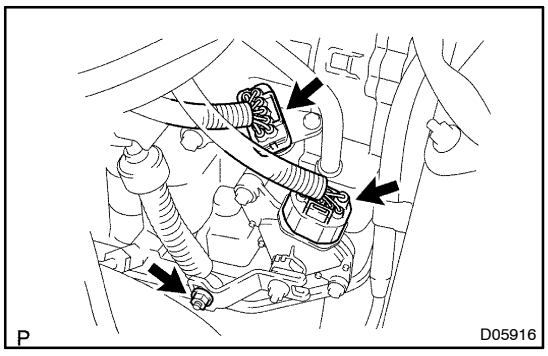
9. DISCONNECT INPUT TURBINE SPEED SENSOR CONNECTOR

10. DISCONNECT COUNTER GEAR SPEED SENSOR CONNECTOR

11. REMOVE VEHICLE SPEED SENSOR CONNECTOR



12. REMOVE 2 UPPER SIDE TRANSAXLE MOUNTING BOLTS FROM TRANSAXLE
Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)



13. DISCONNECT SOLENOID CONNECTOR AND NEUTRAL START SWITCH CONNECTOR

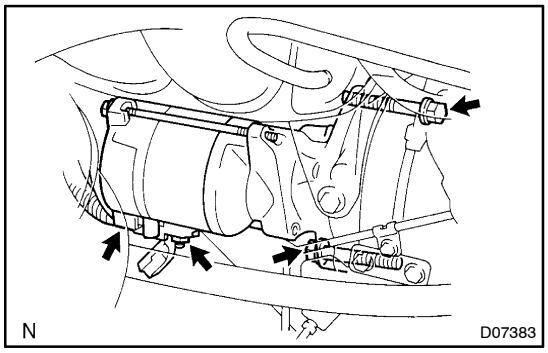
Disconnect the solenoid connector and neutral start switch connector.

14. DISCONNECT CONTROL CABLE

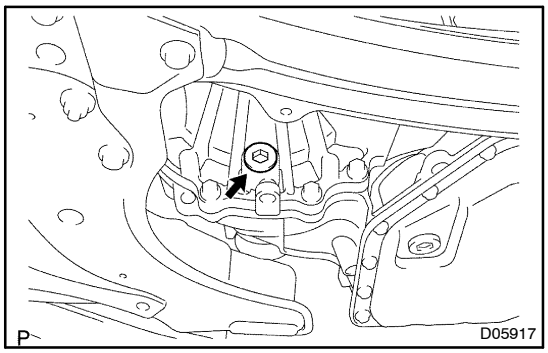
(a) Remove the nut from the control shift lever.
Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)

(b) Remove the clip and disconnect the control cable.

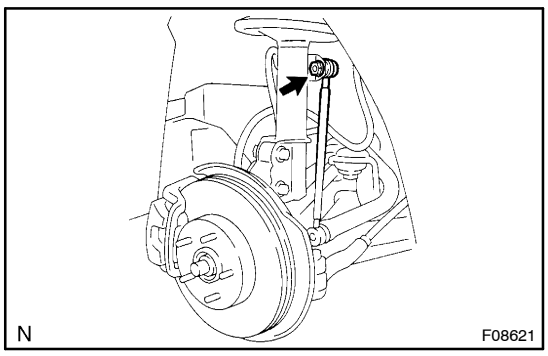
15. REMOVE BOLT AND DISCONNECT RADIATOR RESERVOIR
Torque: 4.9 N·m (50 kgf·cm, 43 in.·lbf)



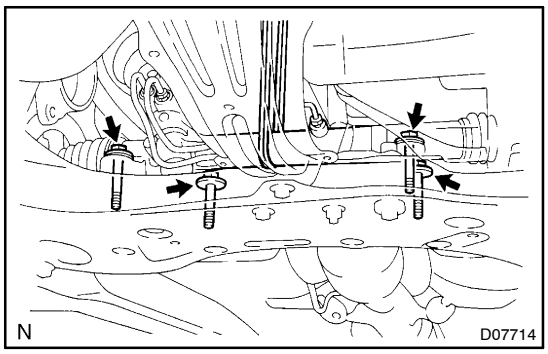
16. REMOVE STARTER
(a) Remove the nut and wire, and disconnect the connector.
(b) Remove the 2 bolts and starter.
Torque: 37 N·m (378 kgf·cm, 28 ft·lbf)
17. REMOVE LH, RH, CENTER ENGINE UNDER COVERS



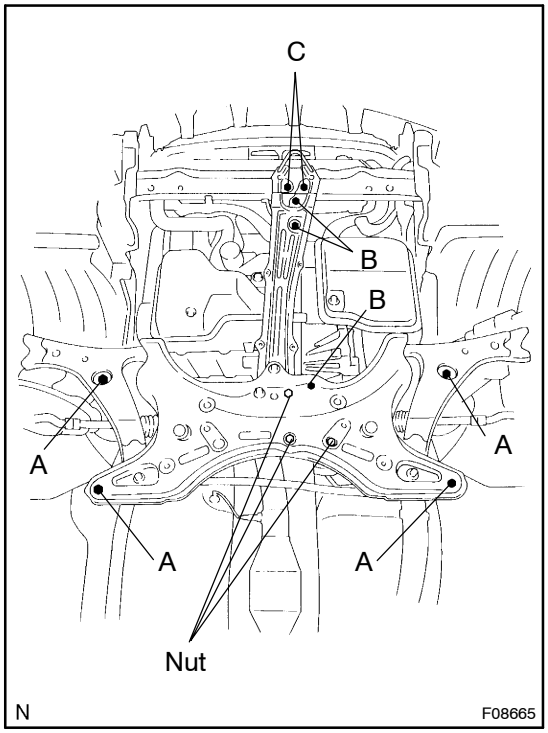
18. DRAIN ATF FROM FRONT DIFFERENTIAL CASE
Torque: 54 N·m (550 kgf·cm, 40 ft·lbf)
19. REMOVE LH AND RH DRIVE SHAFTS
(See page SA–19)



20. DISCONNECT LH AND RH STABILIZER BAR LINKS FROM SHOCK ABSORBER
Torque: 44 N·m (450 kgf·cm, 32 ft·lbf)



21. REMOVE 4 BOLTS AND DISCONNECT PS GEAR ASSEMBLY
HINT:
Support the PS gear assembly securely.
Torque: 45 N·m (459 kgf·cm, 33 ft·lbf)

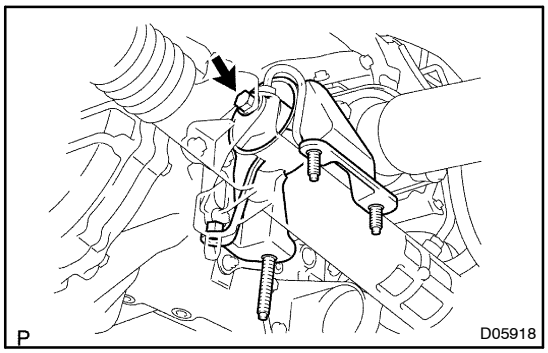


22. REMOVE SUSPENSION MEMBER

(a) Remove the 9 bolts and 3 nuts.

Torque:
Bolt A: 157 N·m (1,601 kgf·cm, 116 ft·lbf)
Bolt B: 52 N·m (530 kgf·cm, 38 ft·lbf)
Bolt C: 39 N·m (398 kgf·cm, 29 ft·lbf)
Nut: 52 N·m (530 kgf·cm, 38 ft·lbf)

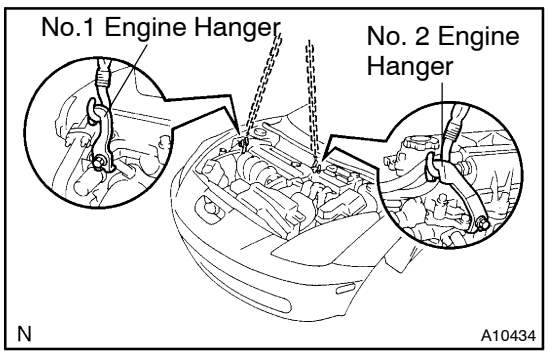
(b) Remove the suspension member.



23. REMOVE ENGINE REAR MOUNTING INSULATOR

Remove the bolt and engine rear mounting insulator.

Torque: 87 N·m (890 kgf·cm, 64 ft·lbf)



24. ATTACH ENGINE SLING DEVICE TO ENGINE HANGERS

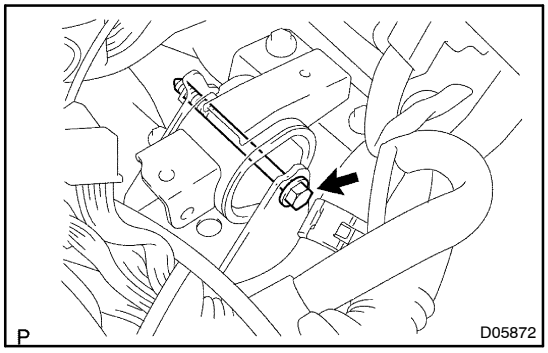
(a) Disconnect the 2 PCV hoses.

(b) Install the No. 1 and No. 2 engine hangers in the correct direction.

Parts No. :
No. 1 engine hanger: 12281–88600
No. 2 engine hanger: 12282–88600
Bolt: 91512–61020
Torque: 38 N·m (387 kgf·cm, 28 ft·lbf)

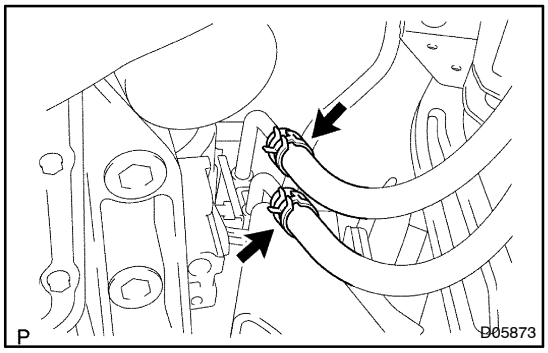
(c) Attach the engine chain hoist to the engine hangers.

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



25. REMOVE UPPER SIDE ENGINE LEFT MOUNTING, NUT AND BOLT

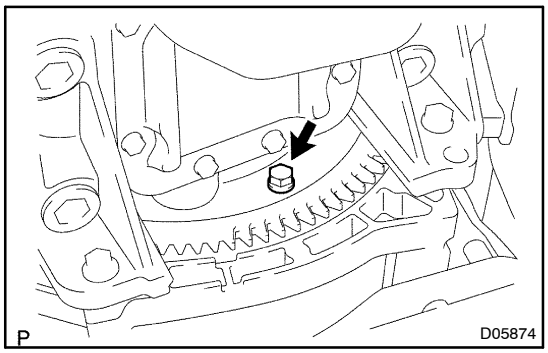
Torque: 80 N·m (816 kgf·cm, 59 ft·lbf)



26. REMOVE OIL COOLER HOSE

Loosen the 2 clips and disconnect the 2 oil cooler hoses.

27. SUPPORT TRANSAXLE WITH A JACK



28. REMOVE TORQUE CONVERTER MOUNTING BOLT

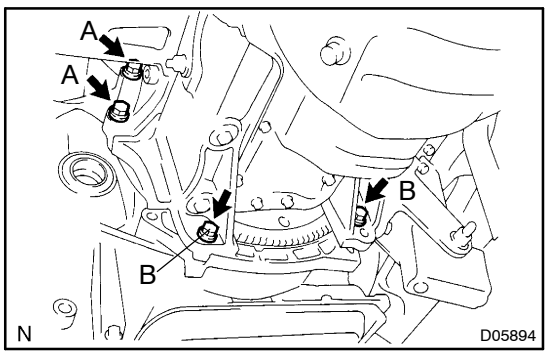
Turn the crankshaft to gain access and remove the 6 bolts holding the crankshaft pulley set bolt with a wrench.

Torque: 41 N·m (418 kgf·cm, 30 ft·lbf)

HINT:

At the time of installation, please refer to the following item.

First install black colored bolt and then 5 other bolts.



29. REMOVE TRANSAXLE ASSEMBLY

(a) Remove the 4 bolts.

Torque:

A bolt: 46 N·m (470 kgf·cm, 34 ft·lbf)

B bolt: 23 N·m (230 kgf·cm, 17 ft·lbf)

(b) Separate the transaxle from engine, and lower the transaxle.