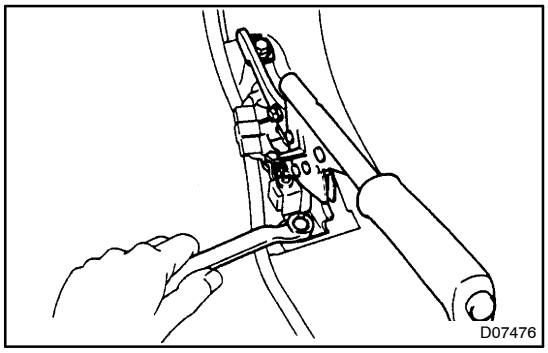
AT0RA–01

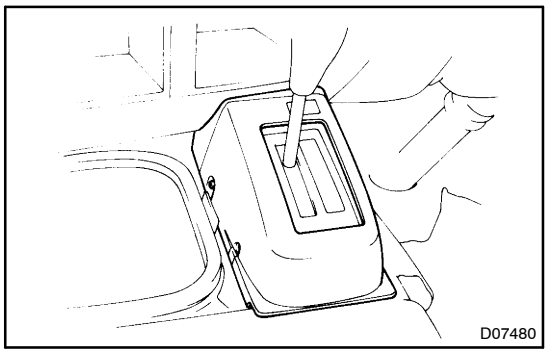
REMOVAL

1. DISCONNECT BATTERY CABLE FROM NEGATIVE TERMINAL


D07476

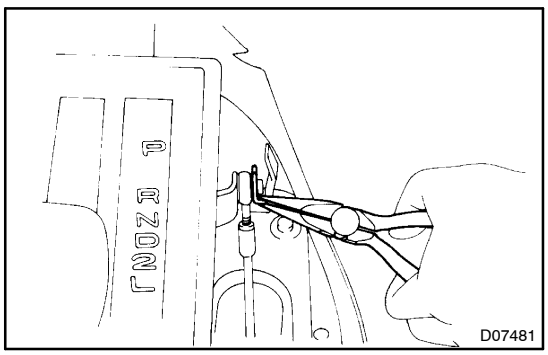
2. REMOVE PARKING BRAKE LEVER

(a) Remove the 3 screws and parking brake lever cover.
(b) Remove the parking brake cable lock and adjusting nuts.
(c) Remove the parking brake lever.
(d) Remove the clip and disconnect the parking brake cable from the cable support bracket.
(e) Remove the parking brake cable and wire harness protector from the front wheel house.
(f) Remove the parking brake cable clamps.
(g) Pull out the parking brake cable to the transmission side.

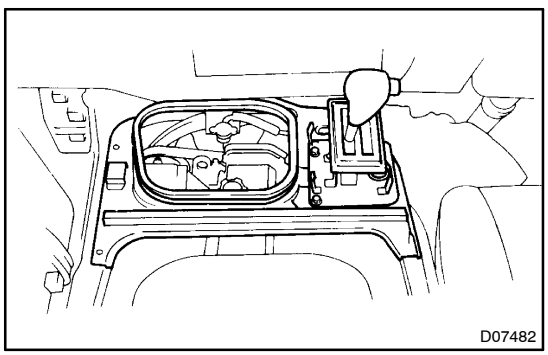

D07480

3. REMOVE ENGINE ROOM HOLE COVER

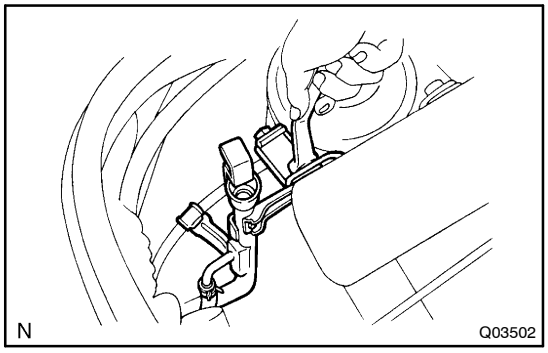
(a) Remove the engine room service hole covers.
(b) Remove the shift lever cover.


D07481

(c) Remove the clip and disconnect the shift cable from the shift lever.


D07482

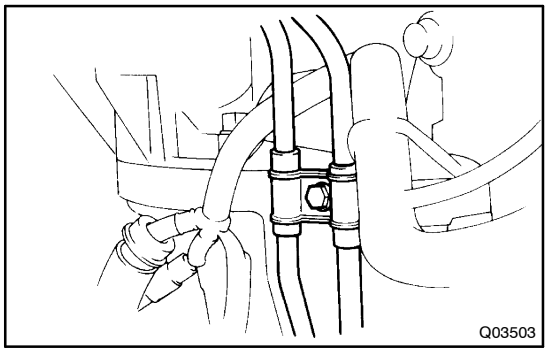
(d) Remove the engine room hole cover with the shift lever.



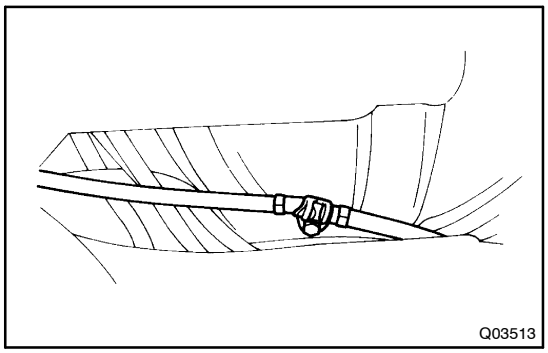
4. REMOVE OIL FILLER TUBE

(a) Disconnect the bleeder hose.

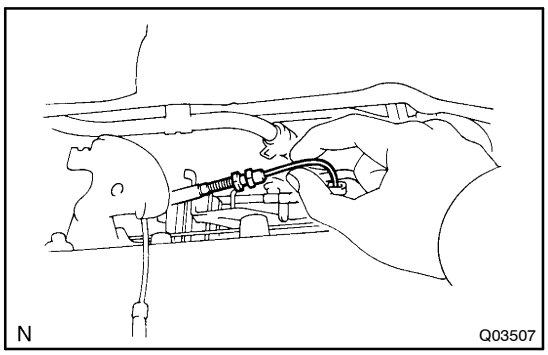
(b) Remove the 2 bolts and oil filler tube.
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)



5. REMOVE OIL COOLER TUBES CLAMP
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)



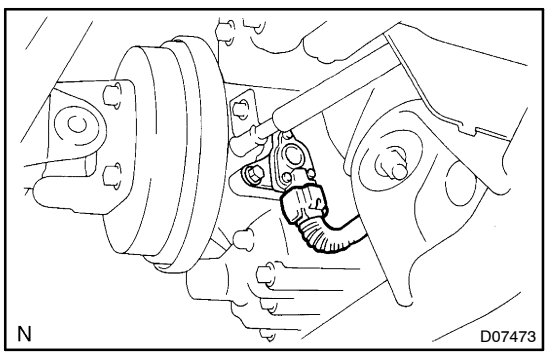
6. REMOVE THROTTLE CABLE CLAMP



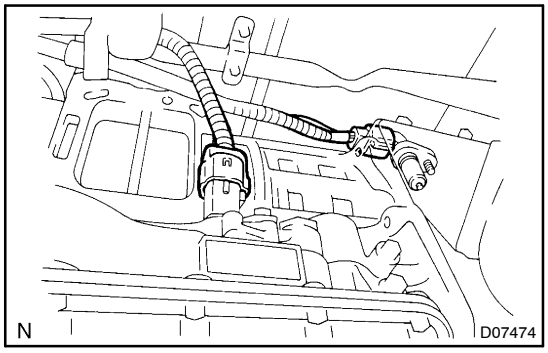
7. DISCONNECT THROTTLE CABLE

(a) Remove the transmission shift cable bracket.

(b) Loosen the throttle cable lock nut and disconnect the throttle cable from the throttle cam.
Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)

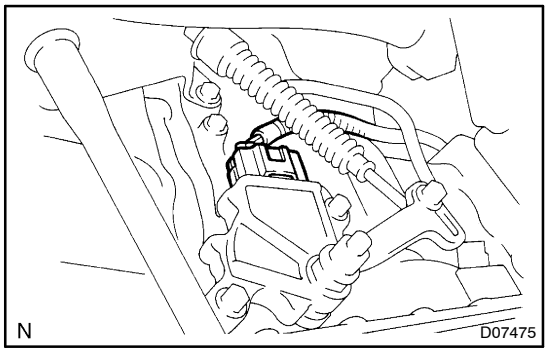


8. DISCONNECT NO. 1 SPEED SENSOR CONNECTOR

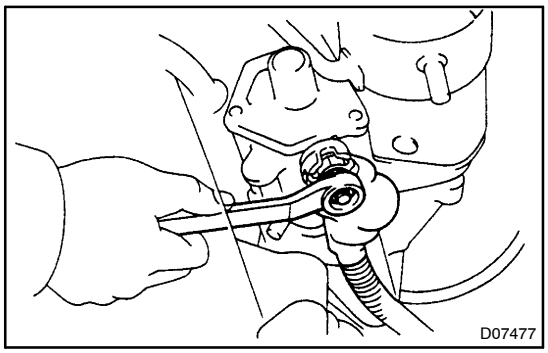


9. DISCONNECT NO. 2 SPEED SENSOR CONNECTOR

10. DISCONNECT SOLENOID CONNECTOR

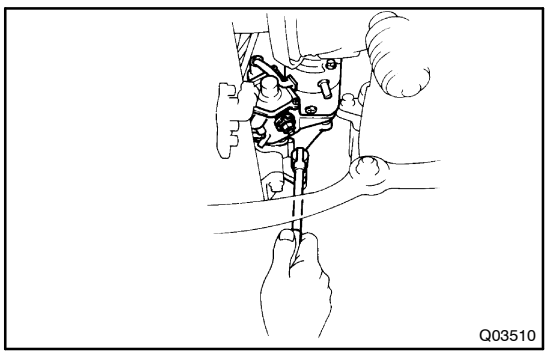


11. DISCONNECT NEUTRAL START SWITCH CONNECTOR

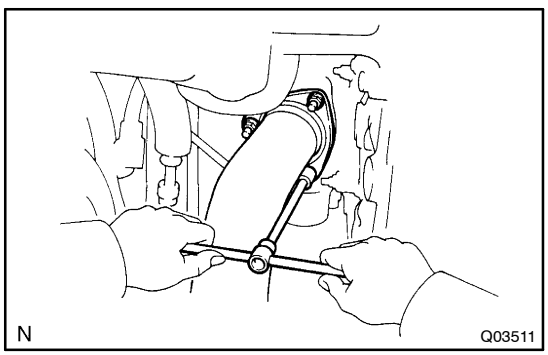


12. REMOVE STARTER

(a) Disconnect the cable and connector.

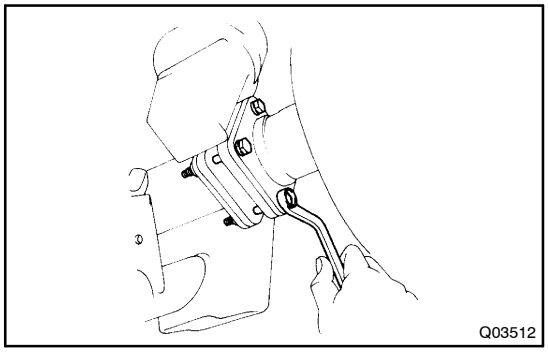


(b) Remove the 2 bolts and starter.
Torque: 72 N·m (730 kgf·cm, 53 ft·lbf)

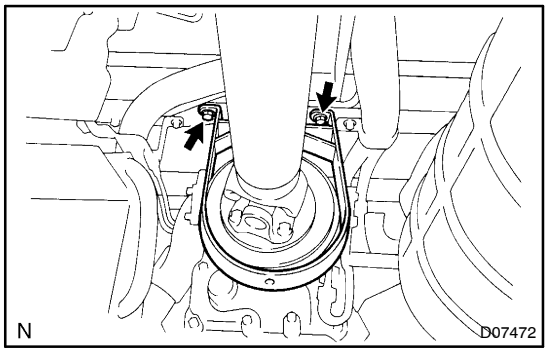


13. REMOVE EXHAUST PIPE

(a) Remove the 3 nuts.
Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)



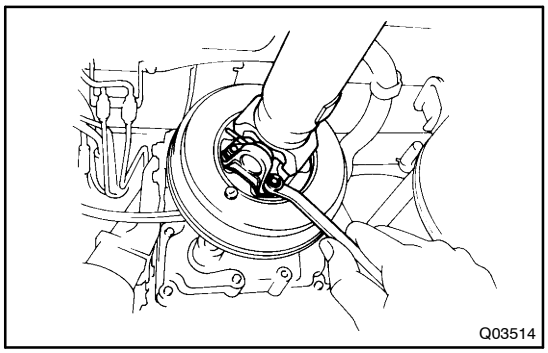
(b) Remove the exhaust retarder and exhaust pipe.
Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)



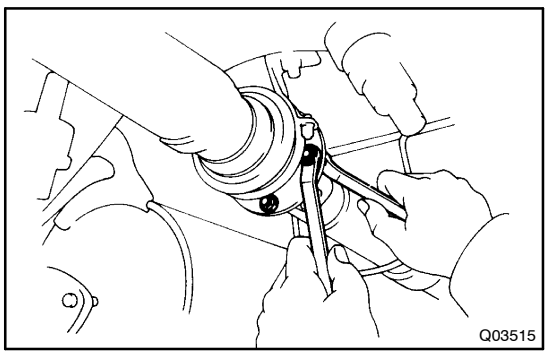
14. REMOVE FRONT PROPELLER SHAFT

(a) Remove the 2 bolts and propeller shaft guard.
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)

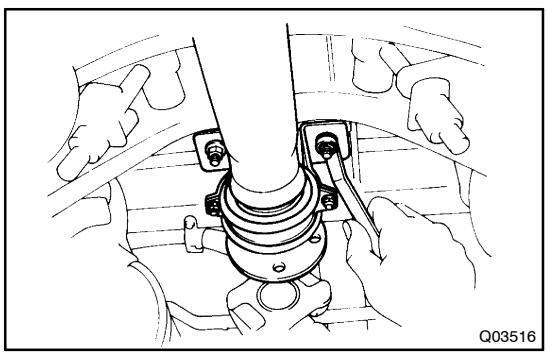
(b) Place the match marks on the propeller shaft front and rear flanges.



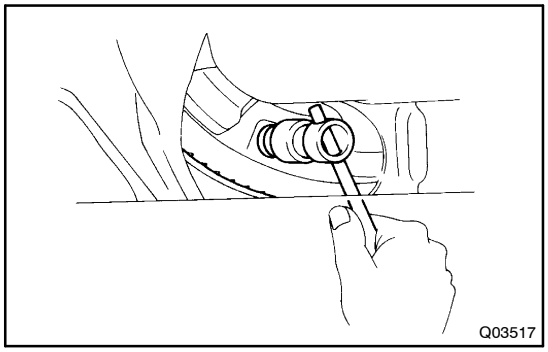
(c) Disconnect the front propeller shaft from the parking brake drum.
Torque: 88 N·m (900 kgf·cm, 65 ft·lbf)



(d) Disconnect the front propeller shaft from rear propeller shaft.
Torque: 88 N·m (900 kgf·cm, 65 ft·lbf)



(e) Remove the center bracket mounting bolts and propeller shaft.
Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)

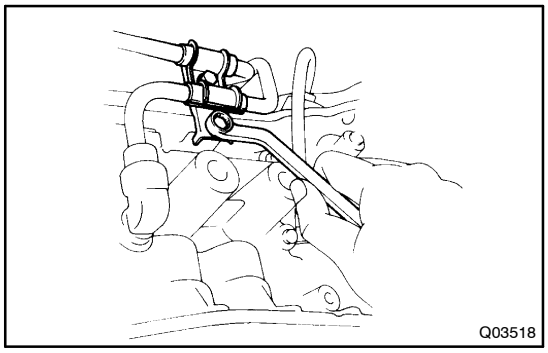


15. REMOVE TORQUE CONVERTER MOUNTING BOLT

(a) Remove the torque converter service hole cover.

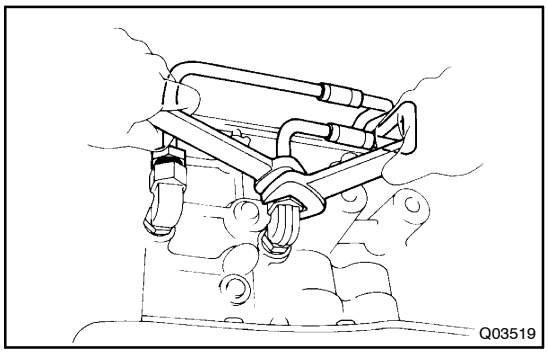
(b) While turning the crankshaft to gain across and remove the 6 bolts.

Torque: 55 N·m (550 kgf·cm, 40 ft·lbf)



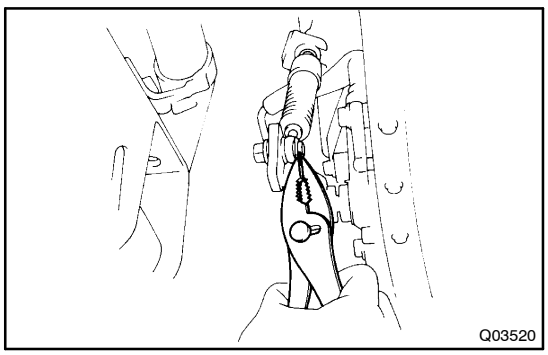
16. REMOVE OIL COOLER PIPE BRACKET

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)



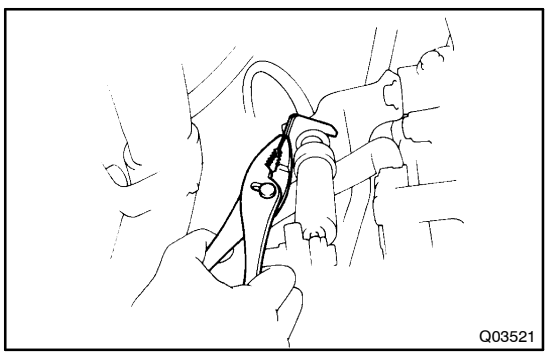
17. DISCONNECT OIL COOLER PIPE UNIONS

Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)

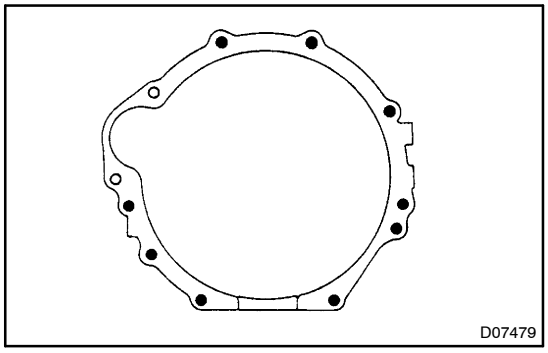


18. DISCONNECT SHIFT CABLE

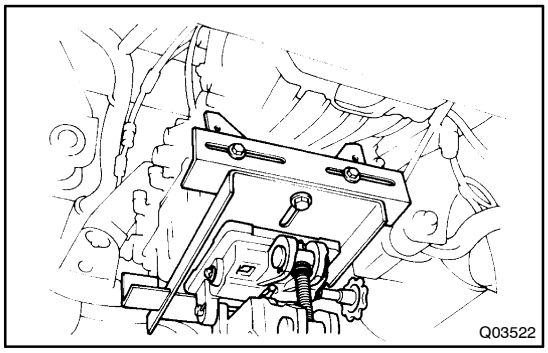
(a) Remove the clip and disconnect the shift cable from the manual shift lever.



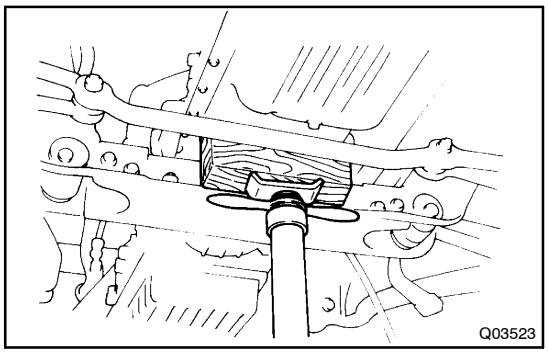
(b) Remove the shift cable clamp.



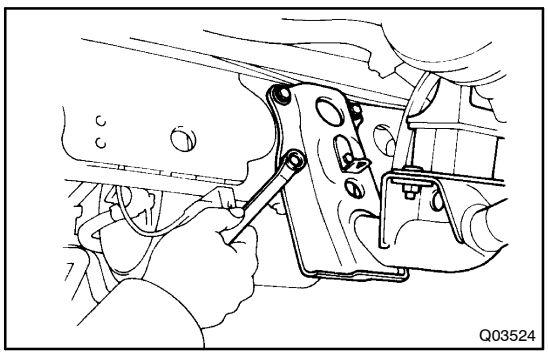
19. REMOVE TRANSMISSION SET BOLTS
Torque: 72 N·m (730 kgf·cm, 53 ft·lbf)



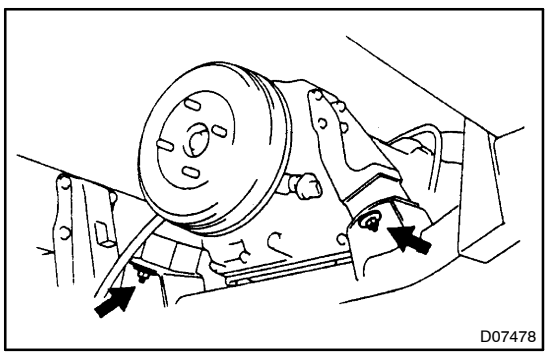
20. SUPPORT TRANSMISSION



21. SUPPORT ENGINE
NOTICE:
Using a wooden block so as not to damage the engine oil pan.



22. REMOVE TRANSMISSION
(a) Remove the transmission rear mounting cross member set bolts.
Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)
(b) Remove the transmission with member.



(c) Remove the member from transmission.
Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)