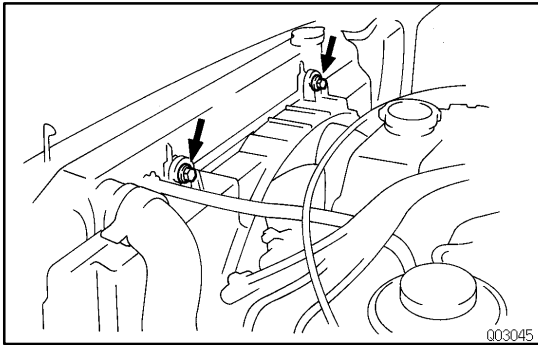
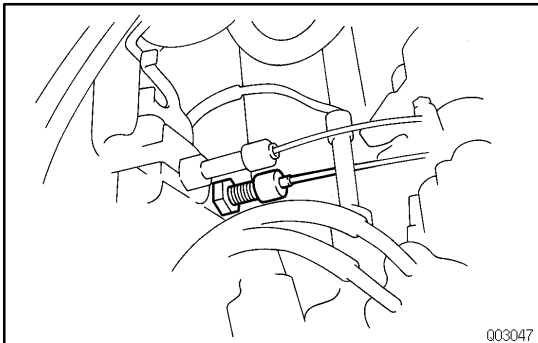


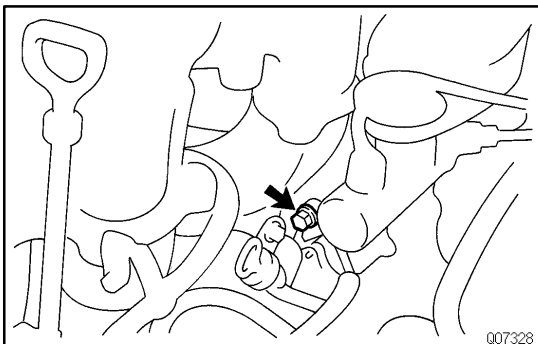


## REMOVAL

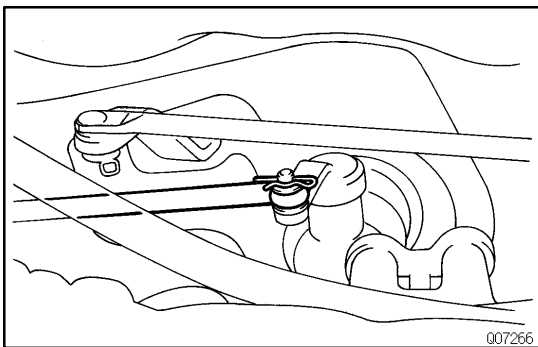
1. REMOVE BATTERY AND BATTERY TRAY
2. REMOVE 2 BOLTS AND LOOSEN FAN SHROUD OF COOLING FAN TO AVOID DAMAGE TO FAN  
Torque: 4.9 N·m (50 kgf·cm, 43 in·lbf)



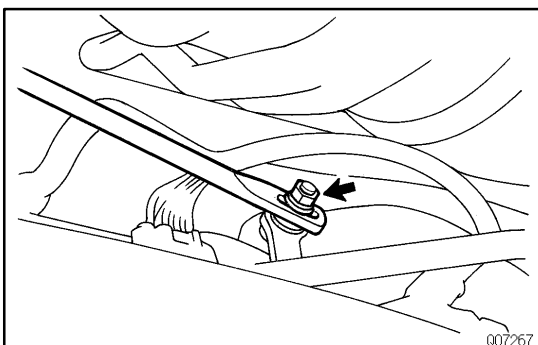
3. DISCONNECT THROTTLE CABLE
  - (a) Loosen the adjusting nut and disconnect the cable from the bracket.
  - (b) Disconnect the throttle cable from the linkage.



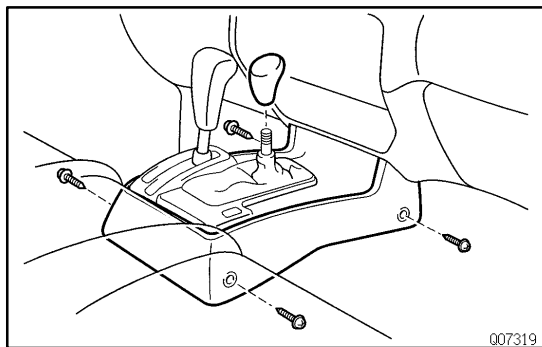
4. REMOVE UPPER SIDE STARTER MOUNTING BOLT  
Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)



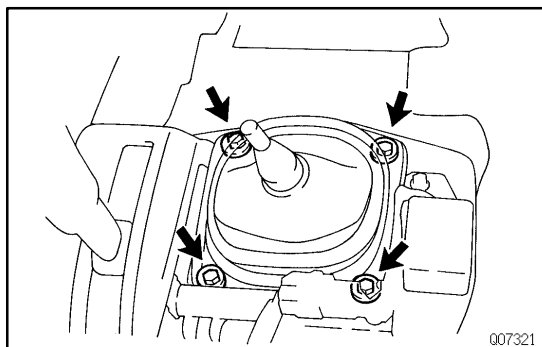
5. REMOVE TRANSMISSION SELECT LEVER AND TRANSFER SHIFT LEVER
  - (a) Remove the clip, washer and wave washer, and disconnect the transfer shift lever link.



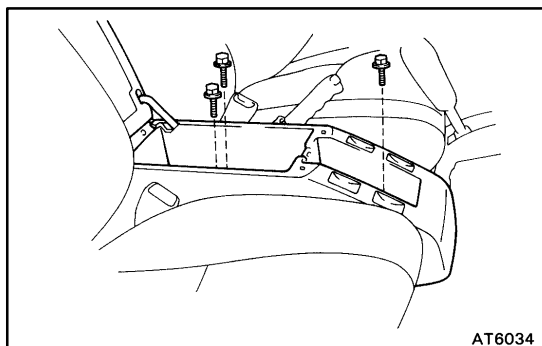
- (b) Remove the nut and washer, and disconnect the transmission select lever link.  
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)



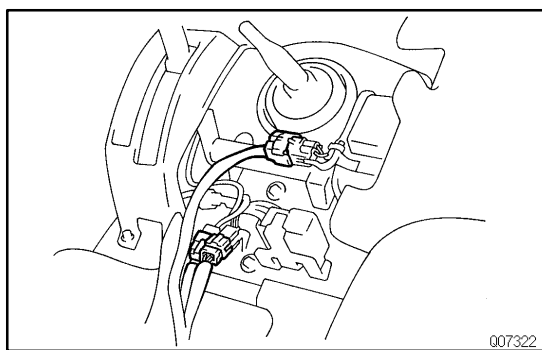
- (c) Remove the transfer shift lever knob.
- (d) Remove the 4 screws and console.



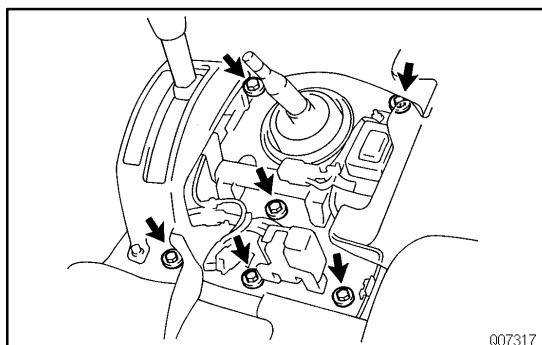
- (e) Remove the 4 screws and transfer shift lever boot.



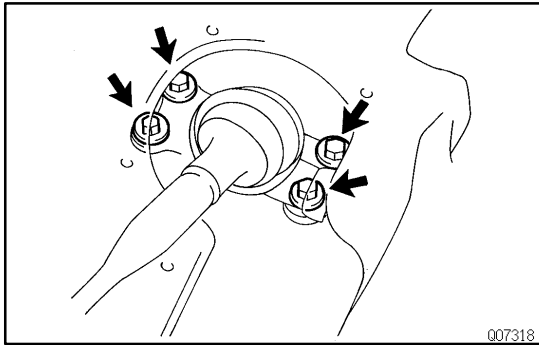
- (f) Remove the 3 bolts and console box.



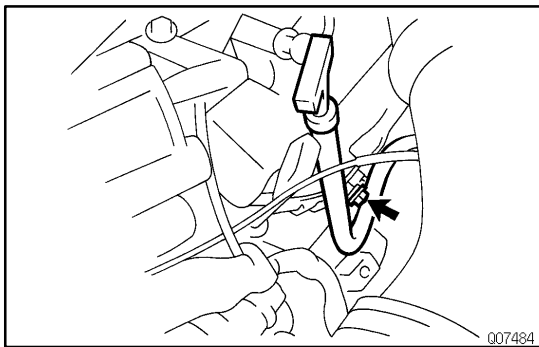
- (g) Disconnect the 3 connectors.



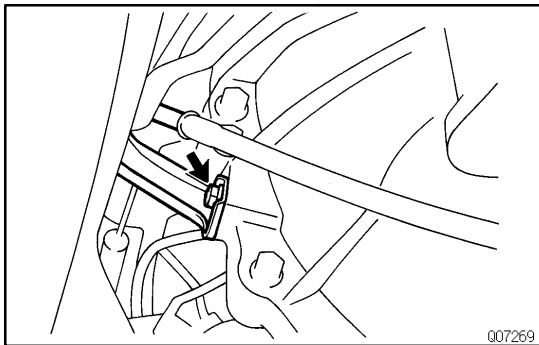
- (h) Remove the 6 screws and transmission shift lever assembly.  
**Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**



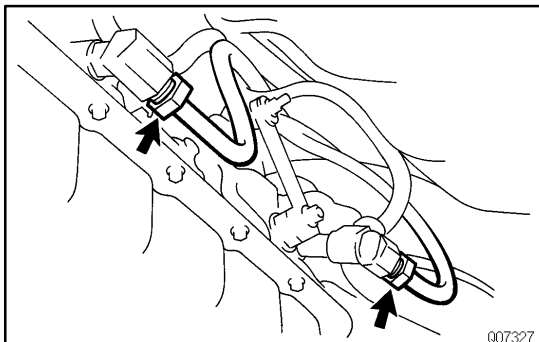
- (i) Remove the 4 bolts and transfer shift lever.  
**Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)**
- (j) Remove the 2 cushions.
- 6. DISCONNECT THESE CONNECTORS:**
  - No.1 vehicle speed sensor
  - No.2 vehicle speed sensor
  - Park/neutral position switch
  - Solenoid connector
  - ATF temperature sensor
  - Center differential lock indicator switch
  - L4 position switch
  - Neutral position switch
- 7. DISCONNECT BLEEDER HOSE FROM TRANSFER**
- 8. REMOVE FRONT AND REAR PROPELLER SHAFT**  
(See page [PR-3](#))



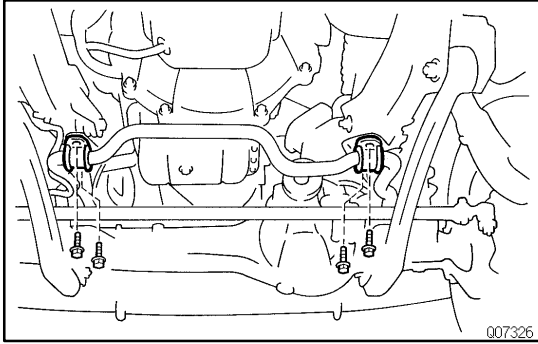
- 9. REMOVE OIL FILLER PIPE**
  - (a) Remove the level gauge.
  - (b) Remove the upper side mounting bolt.



- (c) Remove the bolt and filler pipe.
- HINT:**  
At the time of installation, replace the used O-ring with a new one.

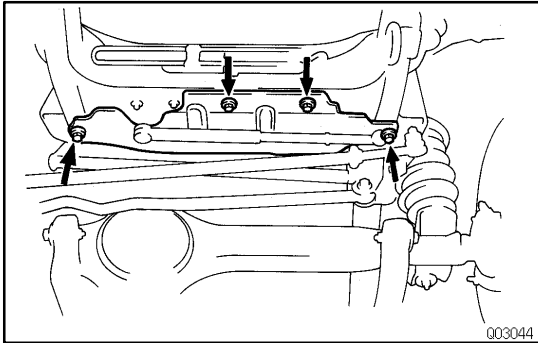


- 10. LOOSEN 2 OIL COOLER PIPE UNION NUTS**  
**Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)**



### 11. REMOVE 4 STABILIZER BAR BRACKET MOUNTING BOLTS

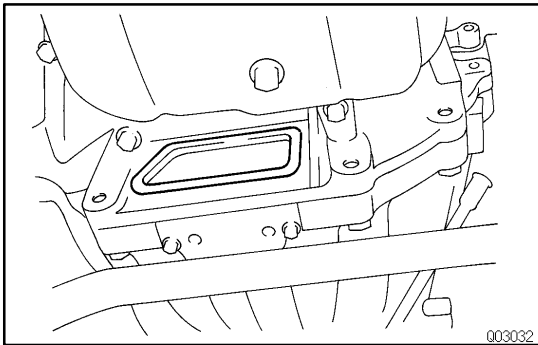
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)



### 12. REMOVE ENGINE UNDER COVER

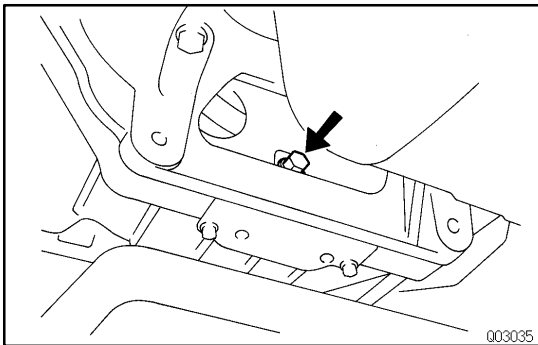
Remove the 4 bolts and engine under cover.

Torque: 28 N·m (290 kgf·cm, 21 ft·lbf)



### 13. REMOVE TORQUE CONVERTER CLUTCH MOUNTING BOLT

(a) Remove the converter hole plug.



- (b) Turn the crankshaft to gain access to each bolt.
- (c) Hold the crankshaft pulley nut with a wrench and remove the 6 bolts.

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

#### HINT:

At the time of installation, first install gray colored bolt and then 5 other bolts.

### 14. REMOVE FRONT EXHAUST PIPE ASSEMBLY

(a) Remove the 2 nuts, bolts and gasket, and disconnect the front exhaust pipe assembly.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

#### HINT:

At the time of installation, replace the used nuts and gasket with new nuts and gasket.

(b) Loosen the clamp bolt and disconnect the clamp from the No.1 support bracket.

Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)

(c) Remove the 2 bolts and No.1 support bracket.

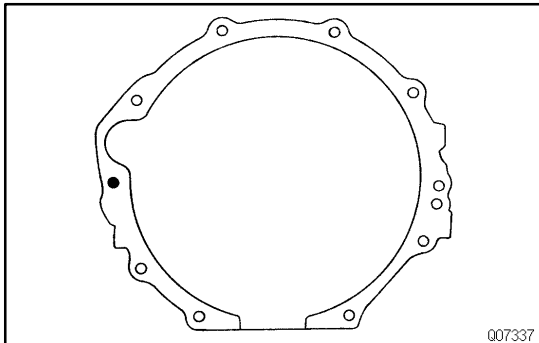
Torque: 24 N·m (240 kgf·cm, 17 ft·lbf)

- (d) Remove the 4 nuts and 2 gaskets, shift the front exhaust pipe assembly to the vehicle's outside.

**Torque: 62 N·m (630 kgf·cm, 46 ft·lbf)**

**HINT:**

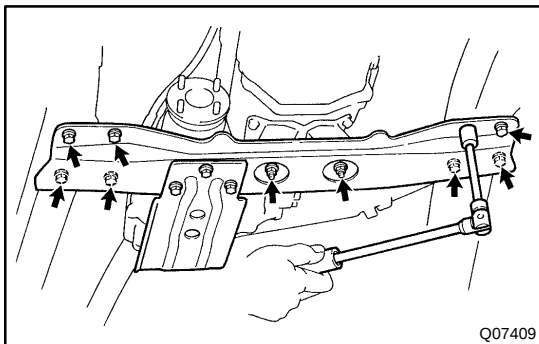
At the time of installation, replace the used gaskets and nuts with new gaskets and nuts.



**15. REMOVE STARTER**

- (a) Remove the nut and disconnect the terminal and connector.  
 (b) Remove the lower side mounting bolt and starter.

**Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)**



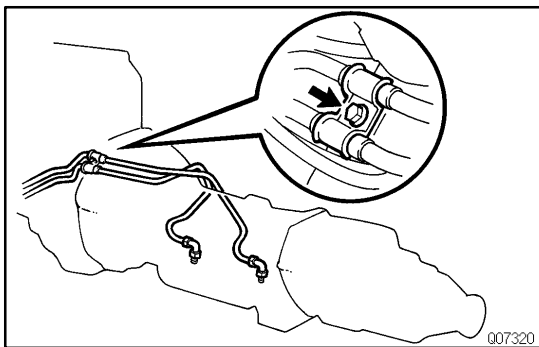
**16. REMOVE CROSSMEMBER**

- (a) Support the transmission with a transmission jack.  
 (b) Remove the 8 bolts and 2 nuts, and then remove the crossmember.

**Torque:**

**Bolt: 61 N·m (620 kgf·cm, 45 ft·lbf)**

**Nut: 74 N·m (750 kgf·cm, 54 ft·lbf)**



**17. REMOVE TRANSMISSION**

- (a) Lower the rear end of the transmission.

**NOTICE:**

**Be careful not to damage the cooling fan, brake booster and brake line.**

- (b) Separate the wire harness from the transmission and transfer.  
 (c) Remove the oil cooler pipe mounting bolts from the torque converter clutch housing, and then disconnect the 2 oil cooler pipes from the elbows.  
 (d) Remove the 10 bolts and transmission.

**Torque: 72 N·m (730 kgf·cm, 53 ft·lbf)**

