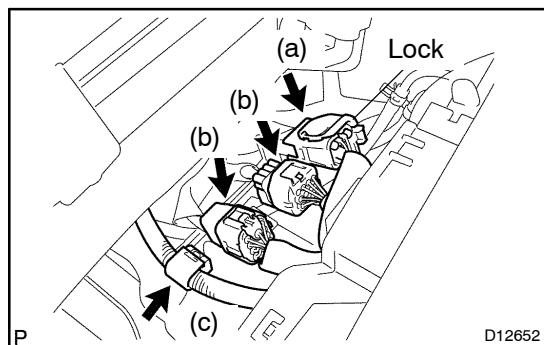


## REMOVAL

1. REMOVE BATTERY
2. REMOVE AIR CLEANER CAP DRIVE BELT, FAN AND FLUID COUPLING ASSEMBLY, FAN SHROUD AND RADIATOR RESERVOIR

(See page [CO-17](#))

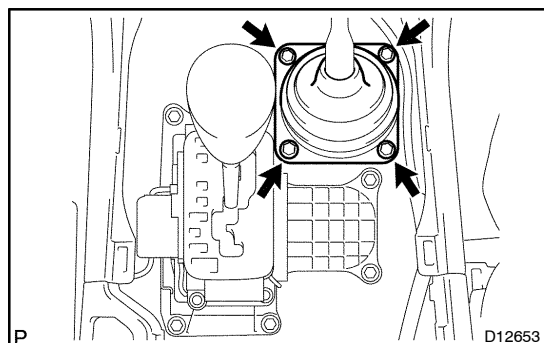


### 3. DISCONNECT CONNECTORS

- (a) Release the lock and disconnect the transmission wire connector.
- (b) Disconnect the 2 transmission wire connectors.
- (c) Separate the connector clamp.

### 4. REMOVE TRANSFER SHIFT LEVER BOOT

- (a) Remove the transfer shift lever knob.
- (b) Remove upper console panel (See page [BO-104](#)).



- (c) Remove the 4 bolts and the transfer shift lever boot.

**Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**

### 5. REMOVE ENGINE NO. 1 AND NO. 2 UNDER COVERS

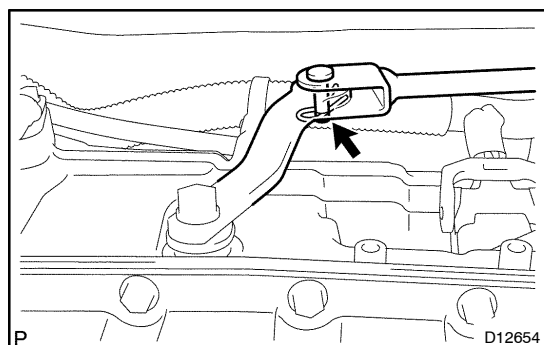
**Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)**

### 6. REMOVE LH AND RH FRONT EXHAUST PIPES

(See page [EM-114](#))

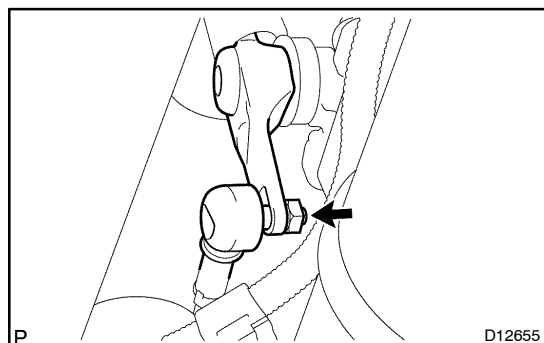
### 7. REMOVE FRONT AND REAR PROPELLER SHAFTS

(See page [PR-4](#))



### 8. SEPARATE TRANSMISSION SHIFT CONTROL ROD

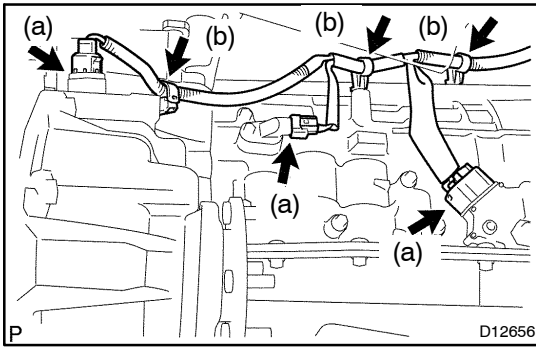
Remove the clip and pin and separate the shift control rod.



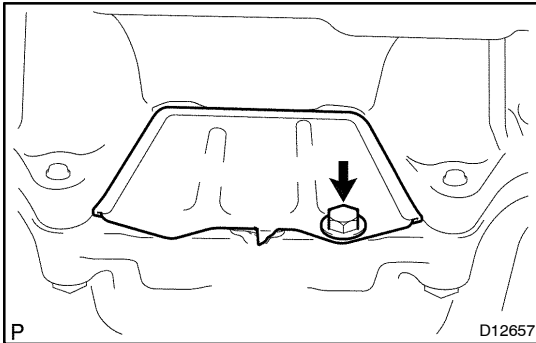
### 9. SEPARATE TRANSFER SHIFT LEVER

Remove the nut and separate the transfer shift lever rod assembly.

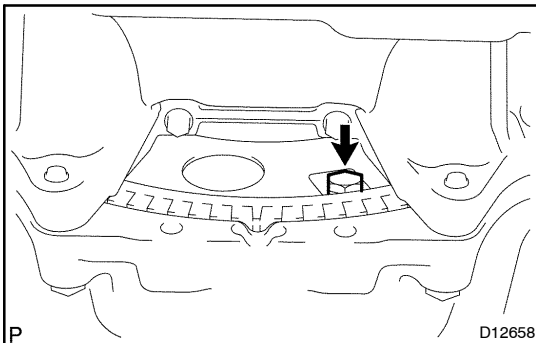
**Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)**

**10. SEPARATE WIRE HARNESS**

- (a) Disconnect 3 connectors.
- (b) Remove the 3 clamps from the transmission unit and separate the transmission wire.

**11. REMOVE TORQUE CONVERTER CLUTCH MOUNTING BOLT**

- (a) Remove the bolt and the hole plug.  
**Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)**

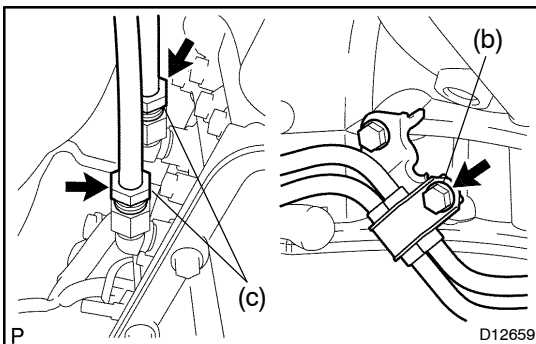


- (b) Turn the crankshaft to gain access to each bolt.
- (c) Hold the crankshaft pulley nut with a wrench, and remove the 6 bolts.

**Torque: 48 N·m (490 kgf·cm, 35 ft·lbf)**

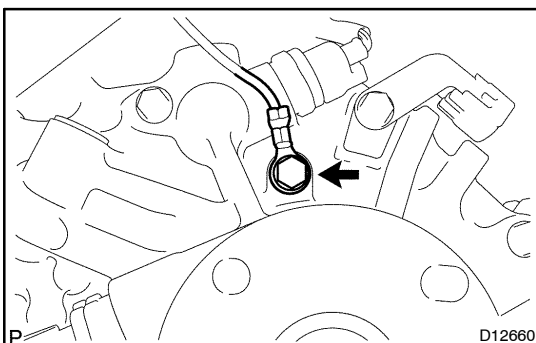
**HINT:**

At the time of installation, first install the green colored bolt. And then install the other 5 bolts.

**12. DISCONNECT OIL COOLER PIPES**

- (a) Loosen the 2 union nuts.
- (b) Remove the bolt and the clamp.  
**Torque: 12 N·m (122 kgf·cm, 9 ft·lbf)**
- (c) Remove the 2 union nuts and disconnect the 2 oil cooler pipes.

**Torque: 34 N·m (347 kgf·cm, 25 ft·lbf)**

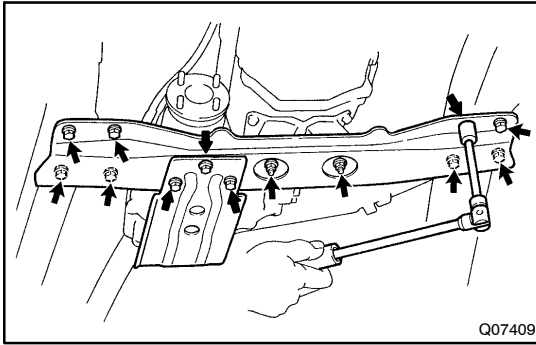
**13. SEPARATE GROUND CABLE**

Remove the bolt and separate the ground cable.

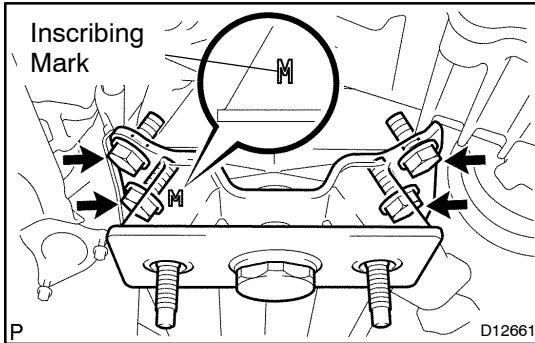
**Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)**

**14. REMOVE CROSSMEMBER AND TRANSTER CASE PROTECTOR**

- (a) Support the transmission with a jack.



- (b) Remove the 3 bolts and the transfer case protector.  
**Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)**
- (c) Remove the 8 bolts, the 2 nuts and the crossmember.  
**Torque:**  
**Bolt: 50 N·m (510 kgf·cm, 37 ft·lbf)**  
**Nut: 74 N·m (750 kgf·cm, 54 ft·lbf)**



### 15. REMOVE ENGINE MOUNTING INSULATOR RR

Remove the 4 bolts and the engine mounting insulator RR.

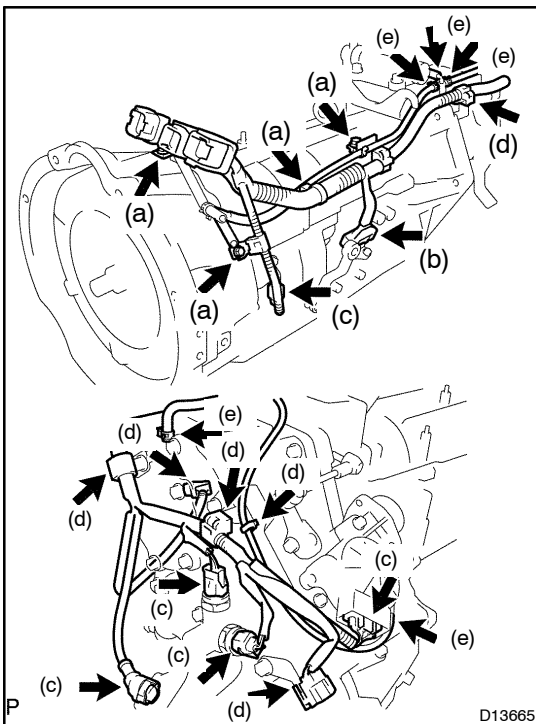
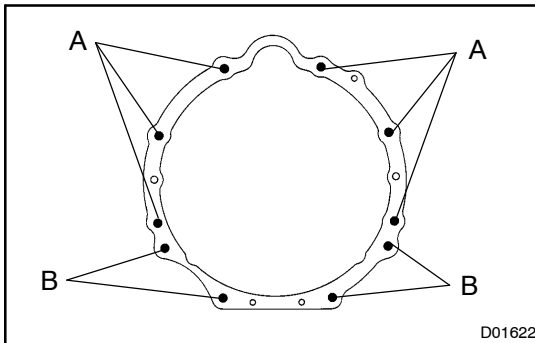
**Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)**

HINT:

At the time of installation, install the insulator rear with the inscribing mark facing backward.

### 16. REMOVE TRANSMISSION

- (a) Lower the rear end of the transmission unit.
- (b) Remove the transmission wire clamp bolt.
- (c) Remove the 10 bolts and the transmission unit.  
**Torque:**  
**Bolt A: 71 N·m (724 kgf·cm, 52 ft·lbf)**  
**Bolt B: 37 N·m (377 kgf·cm, 27 ft·lbf)**



### 17. REMOVE WIRE HARNESS AND HOSE

- (a) Remove the 4 bolts.  
**Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)**
- (b) Release the lock and disconnect the connector.
- (c) Disconnect the 5 connectors.
- (d) Separate the 6 connector clamps.
- (e) Disconnect the 5 hoses and remove the wire harness and the hose.