

REMOVAL

1. REMOVE LEVEL GAUGE

2. REMOVE FILLER PIPE

Remove the bolt and filler pipe.

HINT:

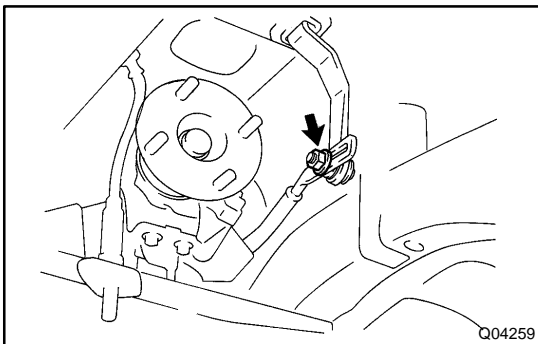
At the time of installation, please refer to the following item.

Replace the used O-ring with a new one.

3. REMOVE ENGINE UNDER COVER

4. REMOVE EXHAUST PIPE (See page [EM-95](#))

5. REMOVE PROPELLER SHAFT (See page [PR-4](#))



6. DISCONNECT SHIFT CONTROL ROD FROM SHIFT LEVER

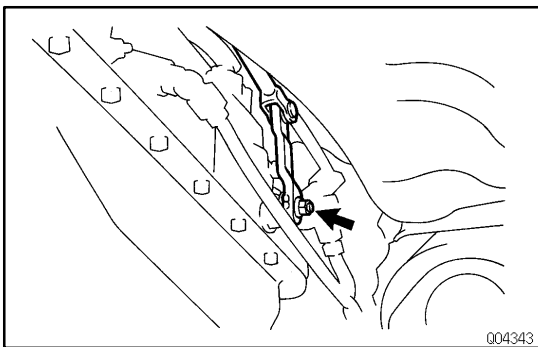
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

HINT:

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

Inspect and adjust the park/neutral position switch

(See page [DI-373](#)).



7. REMOVE SHIFT CONTROL ROD FROM PARK/NEUTRAL POSITION SWITCH

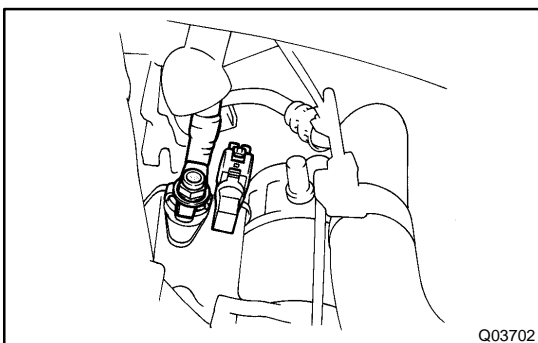
Torque: 16 N·m (160 kgf·cm, 12 ft·lbf)

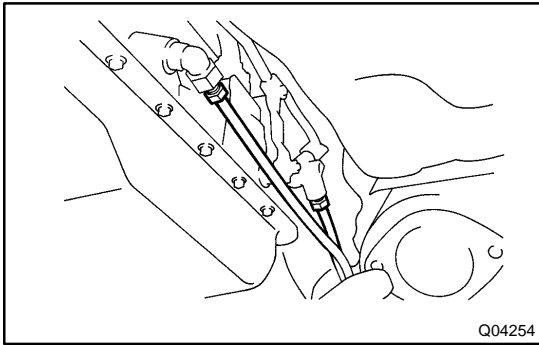
8. DISCONNECT THESE CONNECTORS:

- O/D direct clutch speed sensor
- No.1 vehicle speed sensor
- No.2 vehicle speed sensor
- Solenoid wire
- Park/neutral position switch
- ATF temperature sensor

9. DISCONNECT CONNECTORS AND CABLE FROM STARTER

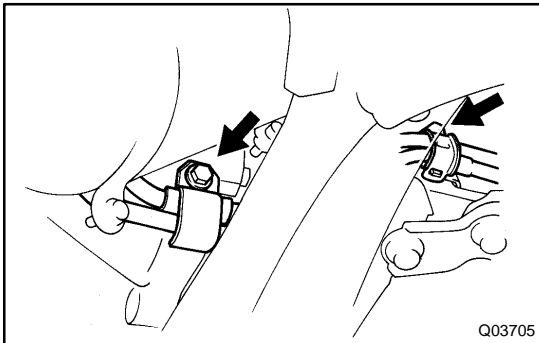
- (a) Remove the nut and disconnect the terminal.
- (b) Disconnect the connector.



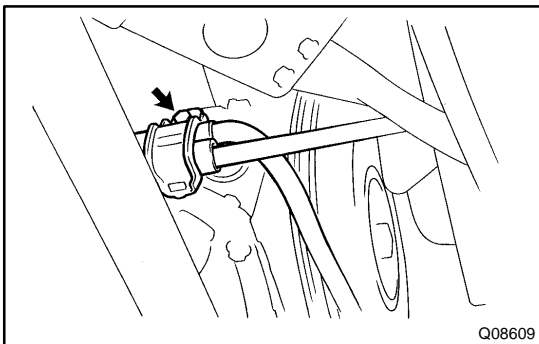


10. DISCONNECT OIL COOLER PIPE

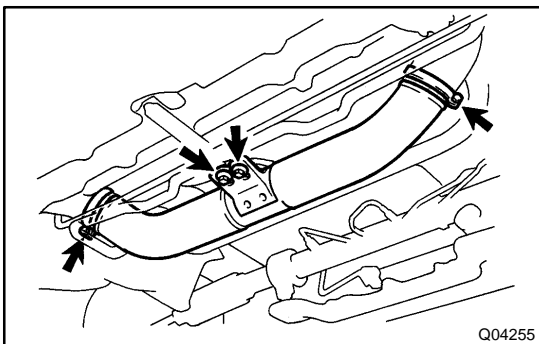
- (a) Loosen the 2 oil cooler union nuts.
Torque: 44 N·m (450 kgf-cm, 33 ft-lbf)



- (b) Remove the center and rear oil cooler pipe brackets.
Torque: 10 N·m (100 kgf-cm, 7 ft-lbf)

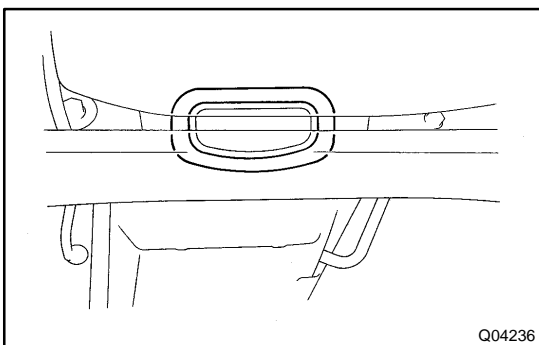


- (c) Remove the front oil cooler pipe bracket.
Torque: 10 N·m (100 kgf-cm, 7 ft-lbf)
- (d) Disconnect the 2 oil cooler pipes.



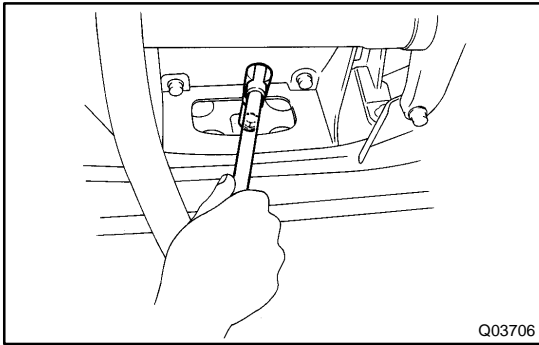
11. REMOVE INTERCOOLER PIPE

- (a) Remove the 2 bolts.
- (b) Loosen the 2 clamps.
- (c) Remove the pipe.

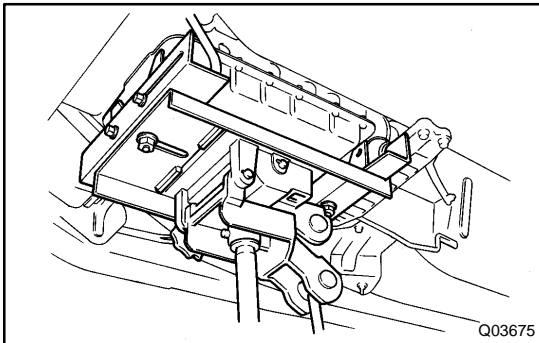


12. REMOVE HOLE PLUG CLUTCH MOUNTING BOLT

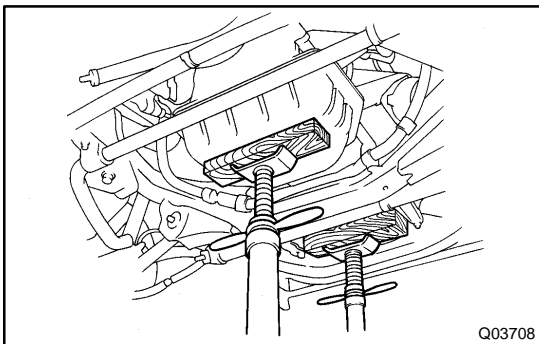
- (a) Remove the hole plug.



- (b) Turn the crankshaft to gain access to each bolt, remove the 6 bolts with holding the crankshaft pulley nut by a wrench.
Torque: 54 N·m (550 kgf·cm, 40 ft·lbf)



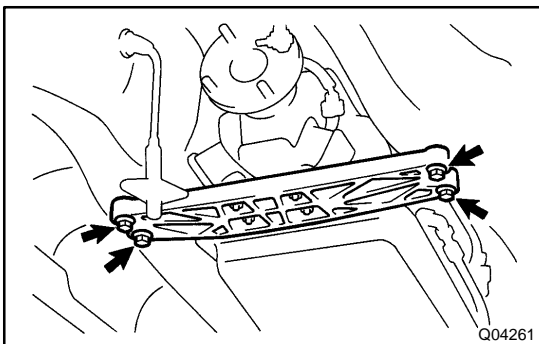
13. SET TRANSMISSION JACK



14. SUPPORT ENGINE

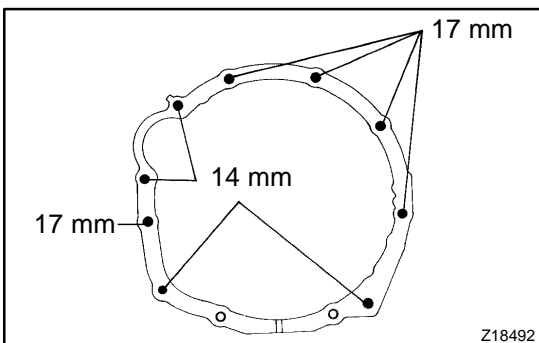
NOTICE:

Use a wooden block so not to damage the engine oil pan.



15. REMOVE TRANSMISSION REAR SUPPORT

Torque: 25 N·m (250 kgf·cm, 19 ft·lbf)



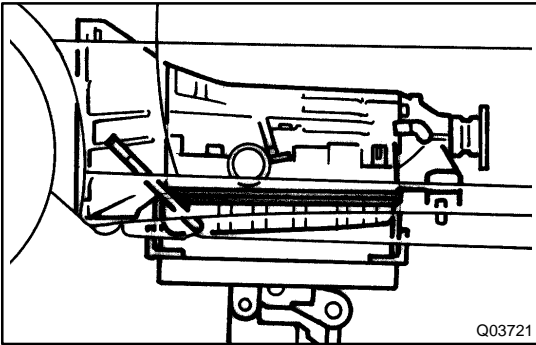
16. REMOVE STARTER AND TRANSMISSION SET BOLT

Torque:

17 mm head bolt: 72 N·m (730 kgf·cm, 53 ft·lbf)

14 mm head bolt: 37 N·m (380 kgf·cm, 27 ft·lbf)

17. DISCONNECT WIRE HARNESS FROM EACH WIRE HARNESS CLAMP

**18. REMOVE TRANSMISSION FROM ENGINE****HINT:**

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

- Jack up and push the transmission fully into position.
- Make sure the engine and transmission are aligned precisely.
- Adjust the angle of the engine and transmission so that the engine installation surface and transmission surfaces are parallel.