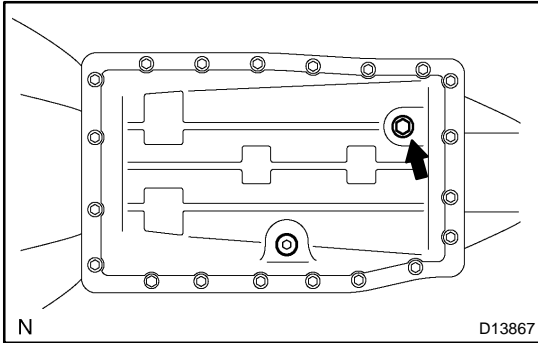


REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. JACK UP VEHICLE
3. REMOVE NO. 1 ENGINE UNDER COVER



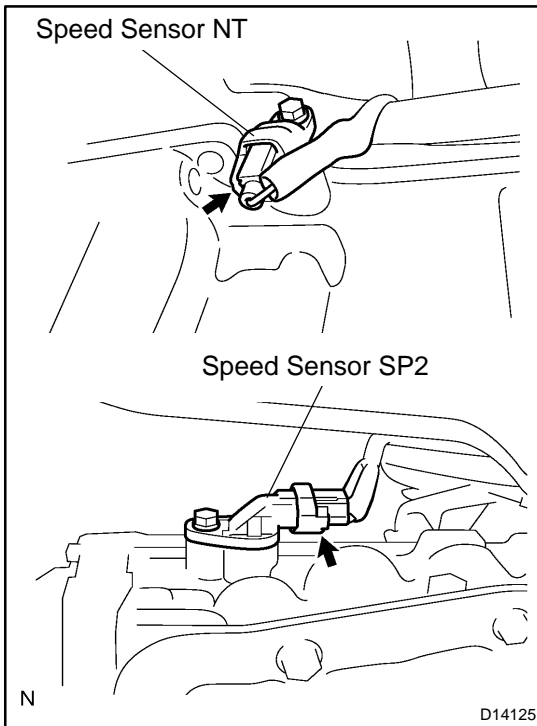
4. DRAIN AUTOMATIC TRANSMISSION FLUID

- (a) Remove the drain plug and gasket, and drain the ATF.
- (b) Install a new gasket and the drain plug.

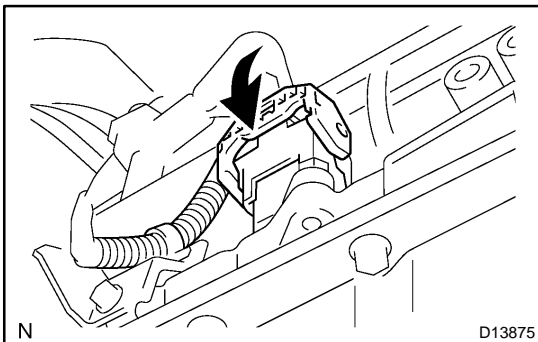
Torque: 20 N·m (204 kgf-cm, 15 ft-lbf)

5. REMOVE RH AND LH FRONT EXHAUST PIPE (See page [EM-138](#))

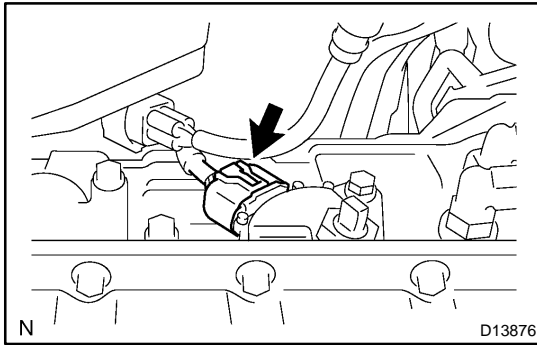
6. REMOVE PROPELLER SHAFT (See page [PR-3](#))



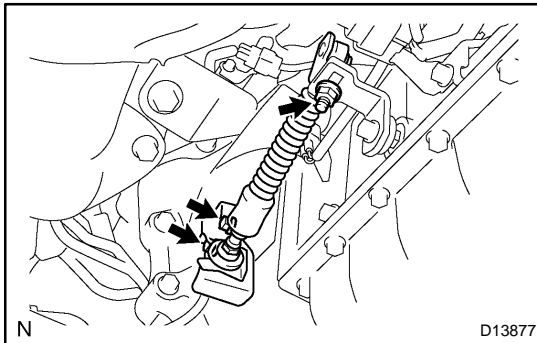
7. DISCONNECT SPEED SENSOR NT AND SP2 CONNECTORS



8. DISCONNECT TRANSMISSION WIRE CONNECTOR

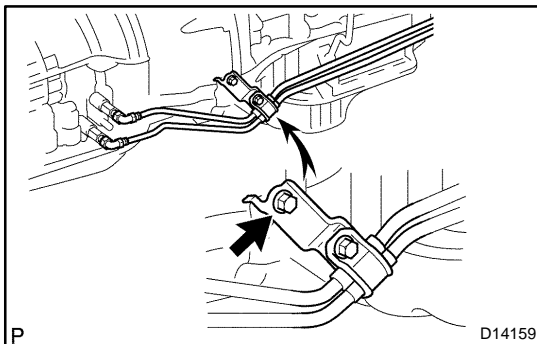


9. DISCONNECT PARK/NEUTRAL POSITION SWITCH CONNECTOR



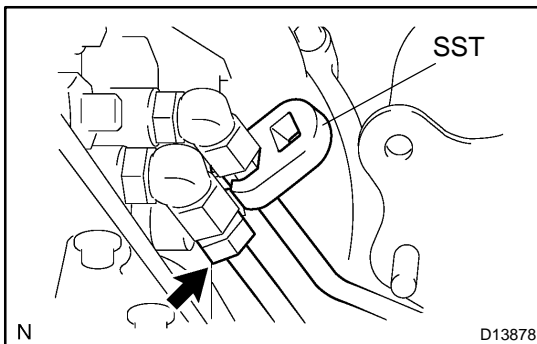
10. SEPARATE SHIFT CONTROL CABLE FROM TRANSMISSION

- (a) Remove the nut and disconnect the shift control cable.
Torque: 14.5 N·m (148 kgf-cm, 11 ft-lbf)
- (b) Remove the 2 bolts and shift control cable bracket from the transmission.
Torque: 19.5 N·m (199 kgf-cm, 14 ft-lbf)

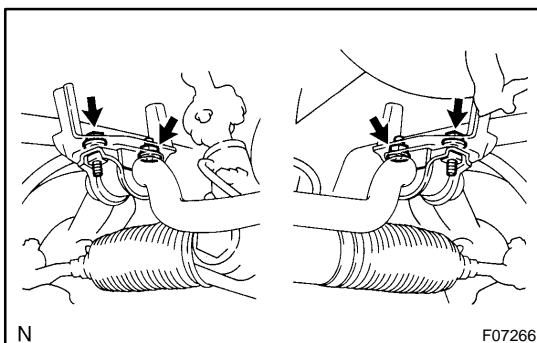


11. DISCONNECT OIL COOLER PIPE

- (a) Remove the bolt and clamp.
Torque: 12 N·m (122 kgf-cm, 9 ft-lbf)

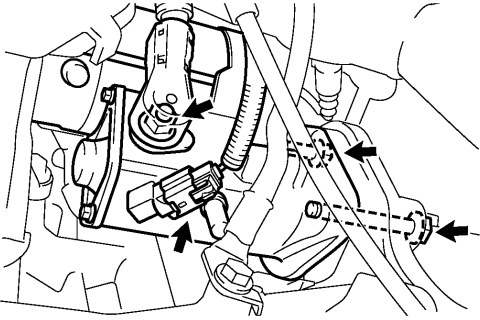
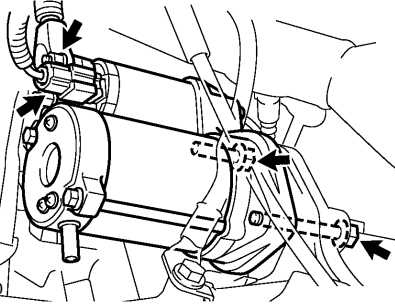


- (b) Disconnect the 2 oil cooler pipes.
SST 09023-12701
Torque: 34 N·m (346 kgf-cm, 25 ft-lbf)



12. DISCONNECT STABILIZER BAR

- (a) Remove the 2 bolts, nuts and stabilizer bar with the bushings and brackets.
Torque: 37 N·m (377 kgf-cm, 27 ft-lbf)
- (b) Disconnect the stabilizer bar.

2.0 Kw:**1.6 Kw:**D13780
N D13868

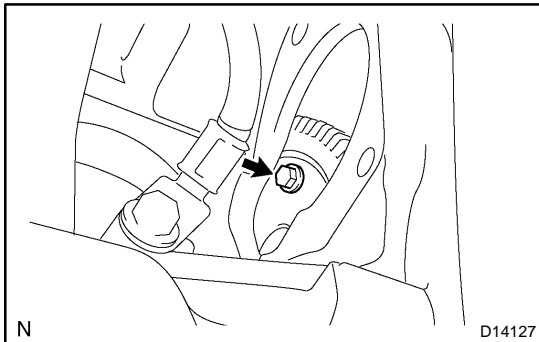
D14126

13. REMOVE STARTER

- (a) Remove the nut and disconnect the starter wire and connector.

Torque: 9.8 N·m (100 kgf-cm, 7 ft-lbf)

- (b) Remove the 2 bolts and starter.

Torque: 37 N·m (377 kgf-cm, 27 ft-lbf)

N

D14127

14. REMOVE TORQUE CONVERTER CLUTCH MOUNTING BOLT

- (a) Remove the flywheel housing side cover.
(b) Turn the crankshaft to gain access and remove the 6 bolts while holding the crankshaft pulley set bolt with a wrench.

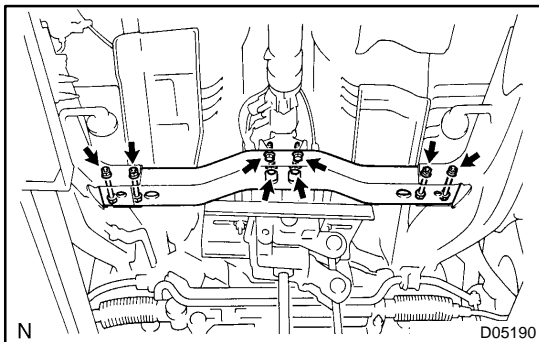
Torque: 48 N·m (490 kgf-cm, 35 ft-lbf)**HINT:**

At the time of installation, refer to the following:

First install the green colored bolt and then the remaining 5 bolts.

15. JACK UP TRANSMISSION SLIGHTLY

Securely support the transmission on a transmission jack.
Lift the transmission slightly from the crossmember.



N

D05190

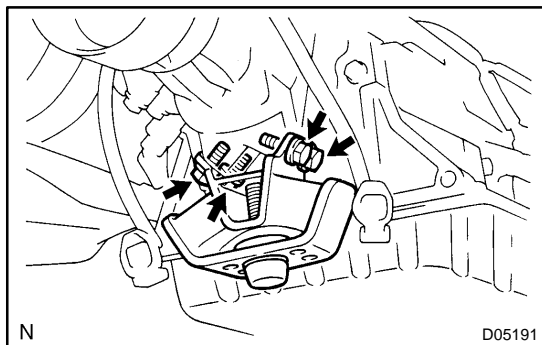
16. REMOVE CROSSMEMBER

- (a) Remove the 4 bolts of the engine rear mounting on the crossmember.

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

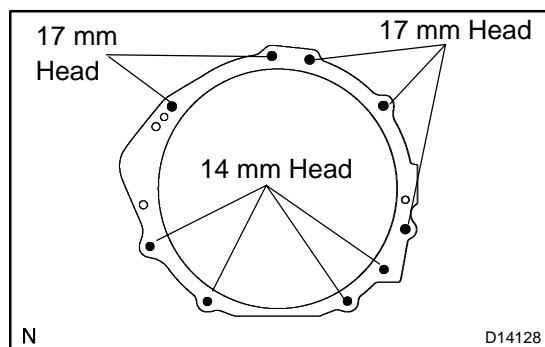
- (b) Remove the 4 nuts, bolts, washers and crossmember.

Torque: 72 N·m (734 kgf-cm, 53 ft-lbf)

**17. REMOVE ENGINE REAR MOUNTING INSULATOR**

Remove the 4 bolts and engine rear mounting insulator from the transmission.

Torque: 65 N·m (660 kgf·cm, 48 ft·lbf)

**18. REMOVE TRANSMISSION**

- (a) Separate the wire harness from the transmission.
- (b) Lower the rear end of the transmission.
- (c) Remove the 9 bolts and transmission.

Torque:

17 mm head: 71 N·m (724 kgf·cm, 52 ft·lbf)

14 mm head: 37 N·m (377 kgf·cm, 27 ft·lbf)