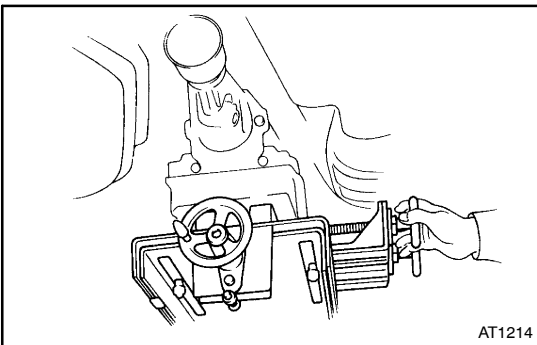


SENSOR ROTOR ON-VEHICLE REPAIR

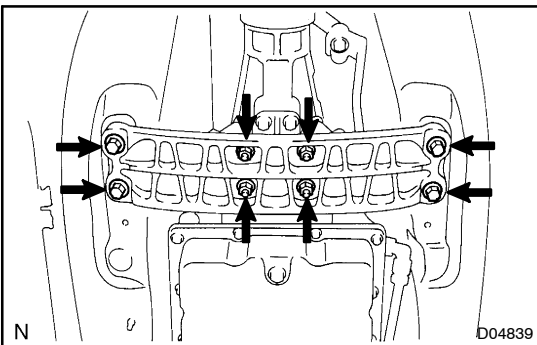
ATQHF-01

1. RAISE VEHICLE AND POSITION PAN TO CATCH ANY FLUID THAT MAY DRIP
2. REMOVE LH FRONT FLOOR CENTER COVER
3. REMOVE NO. 1 REAR FLOOR BOAD
4. REMOVE EXHAUST PIPE (See page PR-4)
5. REMOVE PROPELLER SHAFT (See page PR-4)
6. REMOVE TRANSMISSION OUTPUT SPEED SENSOR (See page AT-8)



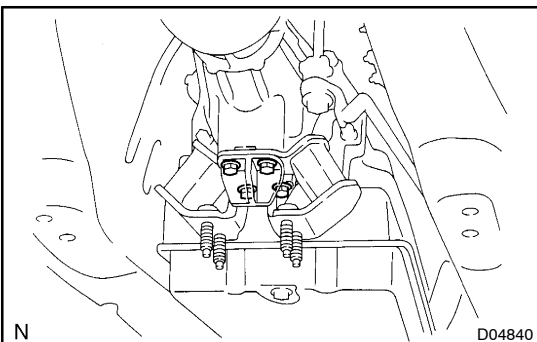
7. JACK UP TRANSMISSION SLIGHTLY

Securely support the transmission on a transmission jack. Lift the transmission slightly from the rear support member.



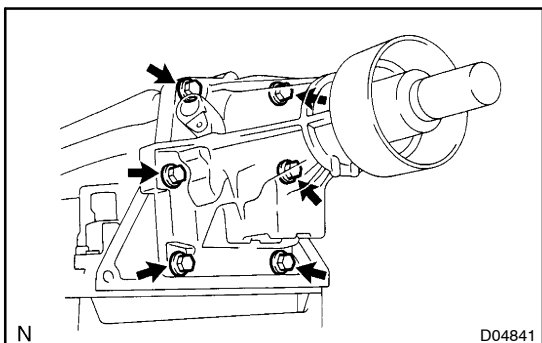
8. REMOVE ENGINE REAR SUPPORT MEMBER

- (a) Remove the 4 nuts.
- (b) Remove the 4 bolts and rear support member.



9. REMOVE TRANSMISSION MOUNTING BRACKET

Remove the 4 bolts and the transmission mounting bracket from the transmission.

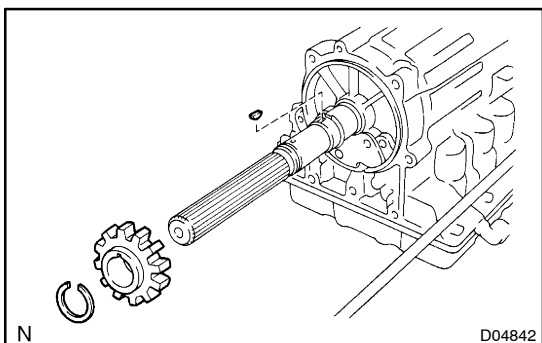
**10. REMOVE EXTENSION HOUSING**

- (a) Remove the 6 bolts.
- (b) Remove the extension housing.

HINT:

If necessary, tap the extension housing with a plastic hammer.

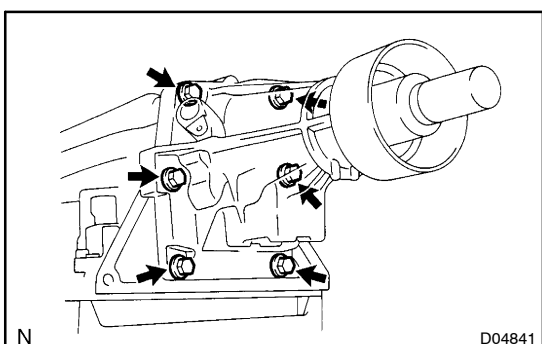
- (c) Remove the extension housing gasket.

**11. REMOVE SENSOR ROTOR AND KEY**

- (a) Using a snap ring expander, remove the snap ring.
- (b) Remove the sensor rotor and key.

12. INSTALL KEY AND SENSOR ROTOR

- (a) Install the key and sensor rotor.
- (b) Using a snap ring expander, install a new snap ring.

**13. INSTALL EXTENSION HOUSING**

- (a) Install a new extension housing gasket.
- (b) Install the extension housing with the 6 bolts.

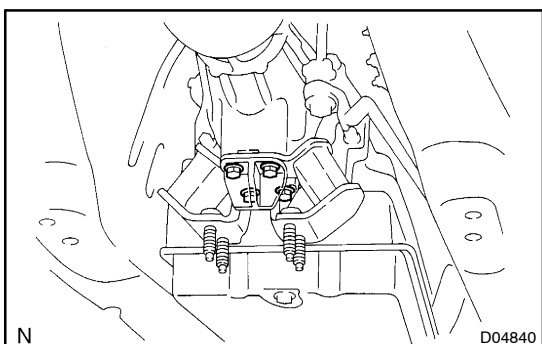
Torque: 36 N·m (370 kgf·cm, 27 ft·lbf)

HINT:

Coat the thread of the all bolts with sealant.

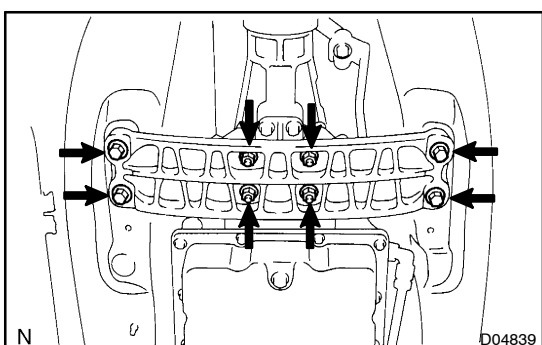
Sealant:

Part No. 08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent

**14. INSTALL TRANSMISSION MOUNTING BRACKET**

Install the transmission mounting bracket with the 4 bolts to the transmission.

Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)

**15. INSTALL ENGINE REAR SUPPORT MEMBER**

- (a) Install the rear support member with the 4 bolts.
Torque: 25 N·m (260 kgf·cm, 19 ft·lbf)
- (b) Install the 4 nuts.
Torque: 14 N·m (135 kgf·cm, 10 ft·lbf)

16. REMOVE JACK**17. INSTALL TRANSMISSION OUTPUT SPEED SENSOR (See page AT-8)****18. INSTALL PROPELLER SHAFT (See page PR-10)****19. INSTALL EXHAUST PIPE (See page PR-10)**

20. INSTALL NO. 1 REAR FLOOR BOARD
21. FILL ATF AND CHECK FLUID LEVEL
(See page DI-156)