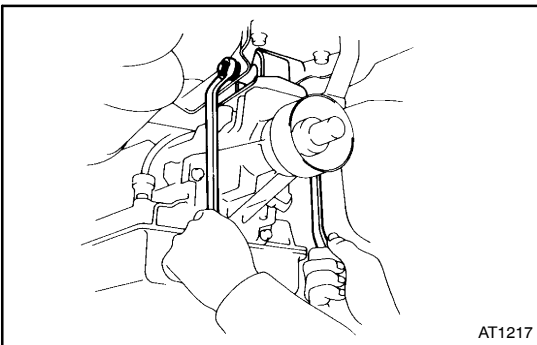


SENSOR ROTOR (A45DE) ON-VEHICLE REPAIR

ATOG3-01

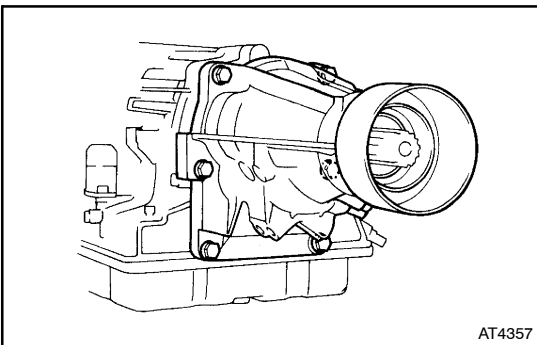
1. REMOVE PROPELLER SHAFT
(Refer to Pub. No. RM156E on PR section)
2. DISCONNECT VEHICLE SPEED SENSOR CONNECTOR (See page AT-4)
3. REMOVE VEHICLE SPEED SENSOR
(See page AT-4)
4. JACK UP TRANSMISSION SLIGHTLY
Securely support the transmission on a transmission jack. Lift the transmission slightly to remove weight from the rear support member.



AT1217

5. REMOVE TRANSMISSION MOUNTING THROUGH BOLT

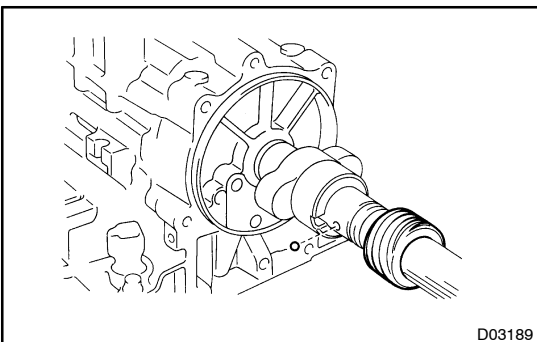
- (a) Remove the 2 fuel tank mount bolts and support the fuel tank.
- (b) Remove the transmission mounting through bolt.



AT4357

6. REMOVE EXTENSION HOUSING AND GASKET

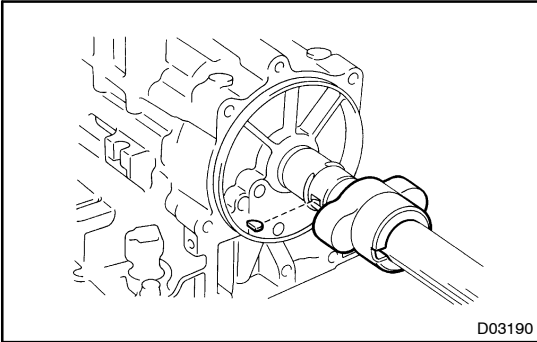
Remove the 6 bolts. If necessary, tap the extension housing with a plastic hammer or a block of wood to loosen it.



D03189

7. REMOVE SPEEDOMETER DRIVE GEAR AND BALL

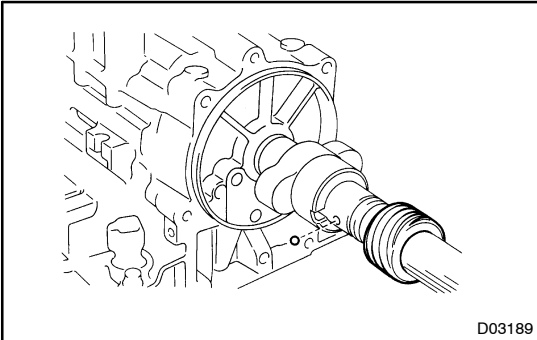
- (a) Using a snap ring expander, remove the snap ring.
- (b) Remove the speedometer drive gear and ball.

**8. REMOVE SENSOR ROTOR AND KEY**

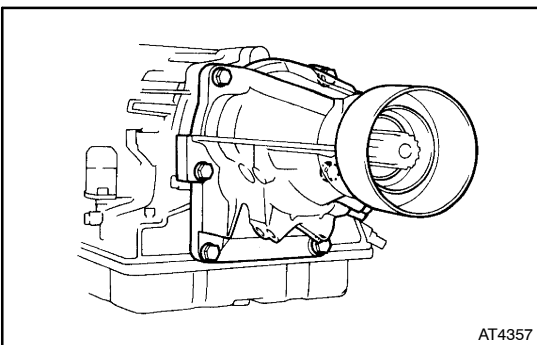
- (a) Remove the sensor rotor and key.
- (b) Using snap ring pliers, remove the snap ring.

9. INSTALL KEY AND SENSOR ROTOR

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

**10. INSTALL BALL AND SPEEDOMETER DRIVE GEAR**

- (a) Install the ball and speedometer drive gear.
- (b) Using snap ring expander, install the snap ring.

**11. INSTALL GASKET AND EXTENSION HOUSING**

- (a) Apply FIPG or equivalent to the 6 bolts.

FIPG:

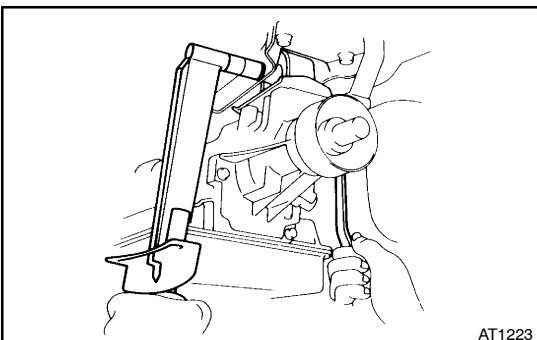
Part No. 08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent

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

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

HINT:

The 2 lower bolts are shorter.

**12. INSTALL TRANSMISSION MOUNTING THROUGH BOLT**

- (a) Raise the transmission with the jack to arrow installation of the transmission mounting through bolt.
- (b) Torque the through bolt.

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

- (c) Install the 2 fuel tank mount bolts.

13. REMOVE JACK
14. INSTALL VEHICLE SPEED SENSOR
(See page AT-4)
15. CONNECT VEHICLE SPEED SENSOR CONNECTOR
(See page AT-4)
16. INSTALL PROPELLER SHAFT
(Refer to Pub. No. RM156E on PR section)
17. FILL ATF AND CHECK ATF LEVEL (See page DI-3)