# SENSOR ROTOR

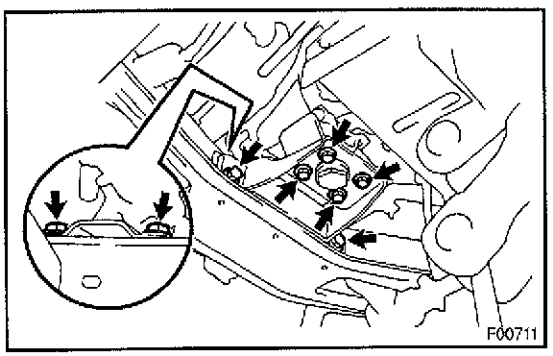
AT02L–01

## ON–VEHICLE REPAIR

1. **REMOVE PROPELLER SHAFT (See page PR–3)**
2. **DISCONNECT SPEEDOMETER CABLE AND REMOVE SPEEDOMETER DRIVEN GEAR (See page AT–7)**
3. **REMOVE NO.2 VEHICLE SPEED SENSOR (See page AT–8)**
4. **JACK UP TRANSMISSION SLIGHTLY**

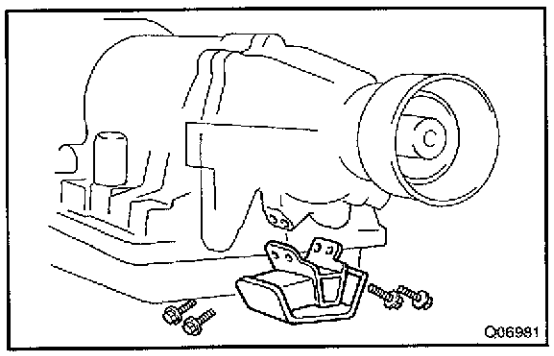
Securely support the transmission on a transmission jack. Lift the transmission slightly from the crossmember.





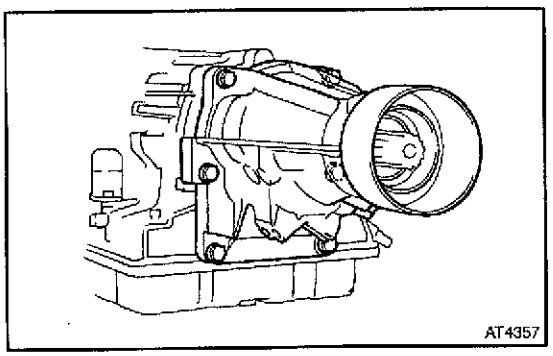

5. **REMOVE ENGINE REAR MOUNTING BRACKET**

Remove the 8 bolts and engine rear mounting bracket.



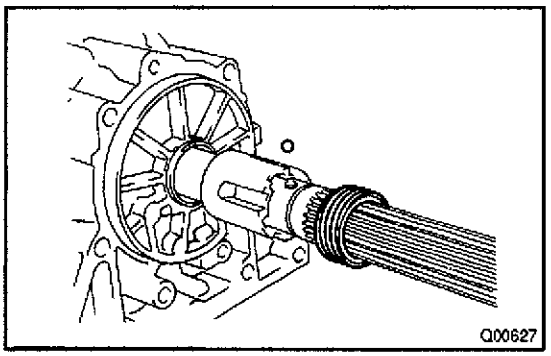

6. **REMOVE ENGINE REAR MOUNTING**

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

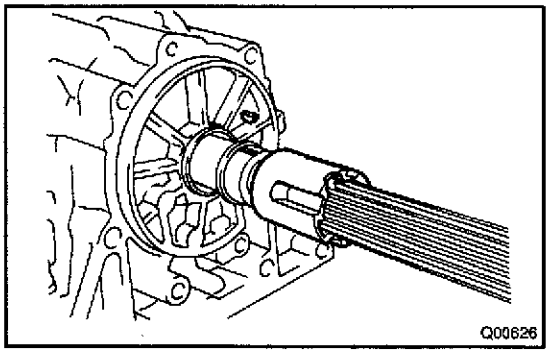



7. **REMOVE EXTENSION HOUSING AND GASKET**

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

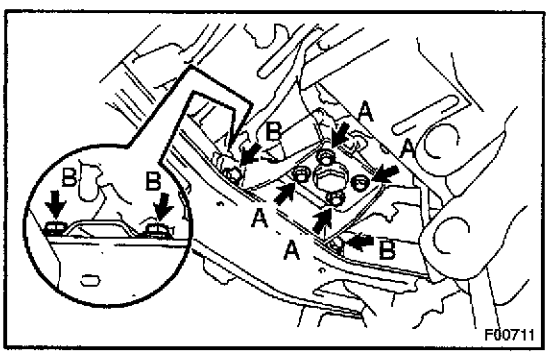



8. **REMOVE SPEEDOMETER DRIVE GEAR AND BALL**
(a) Using a snap ring expander, remove the snap ring.
(b) Remove the speedometer drive gear and ball.




9. **REMOVE SENSOR ROTOR AND KEY**
(a) Remove the sensor rotor and key.
(b) Using snap ring pliers, remove the snap ring.
10. **INSTALL KEY AND SENSOR ROTOR**
(a) Using snap ring pliers, install the snap ring.
(b) Install the key and sensor rotor.
11. **INSTALL BALL AND SPEEDOMETER DRIVE GEAR**
(a) Install the ball and speedometer drive gear.
(b) Using snap ring expander, install the snap ring.
12. **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)**
13. **INSTALL ENGINE REAR MOUNTING**
Install the engine rear mounting and 4 bolts to the transmission.
**Torque: 65 N·m (660 kgf·cm, 48 ft·lbf)**

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14. **INSTALL ENGINE REAR MOUNTING BRACKET**
Install the engine rear mounting bracket and 8 bolts.
**Torque:**
**A bolt: 18 N·m (185 kgf·cm, 14 ft·lbf)**
**B bolt: 58 N·m (590 kgf·cm, 43 ft·lbf)**

15. REMOVE JACK
16. INSTALL NO.2 VEHICLE SPEED SENSOR (See page AT–8)
17. INSTALL SPEEDOMETER DRIVE GEAR AND CONNECT SPEEDOMETER CABLE (See page AT–7)
18. INSTALL PROPELLER SHAFT (See page PR–3)
19. FILL ATF AND CHECK ATF LEVEL (See page DI–4)