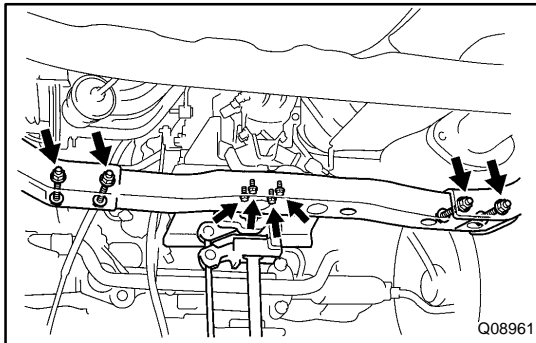


SENSOR ROTOR (A340E) ON-VEHICLE REPAIR

1. REMOVE PROPELLER SHAFT (See page [PR-4](#))
2. REMOVE NO.2 VEHICLE SPEED SENSOR
(See page [AT-7](#))

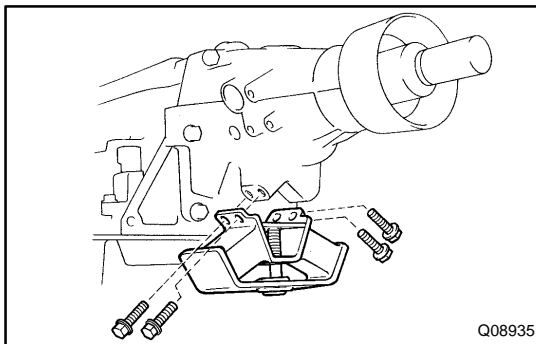


3. JACK UP TRANSMISSION SLIGHTLY

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

4. REMOVE CROSSMEMBER

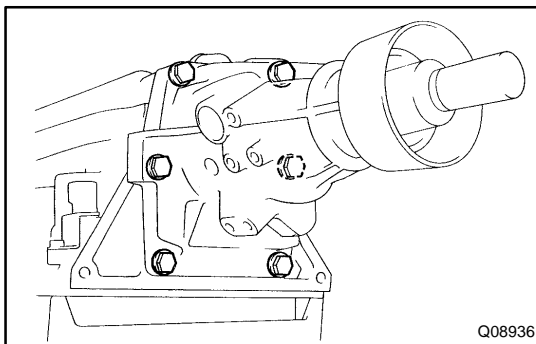
- (a) Remove the 4 bolts on the rear mounting side from the rear mounting bracket.
- (b) Remove the 4 nuts, bolts and crossmember.



5. REMOVE ENGINE REAR MOUNTING

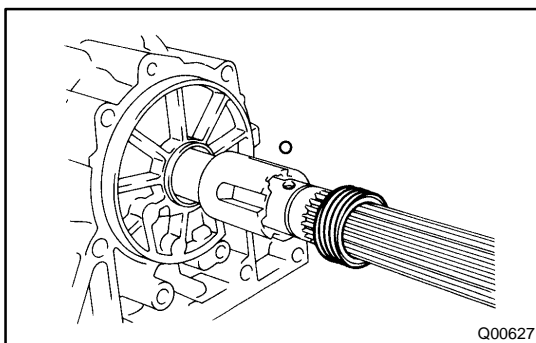
Remove the 4 bolts and engine rear mounting from the transmission.

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



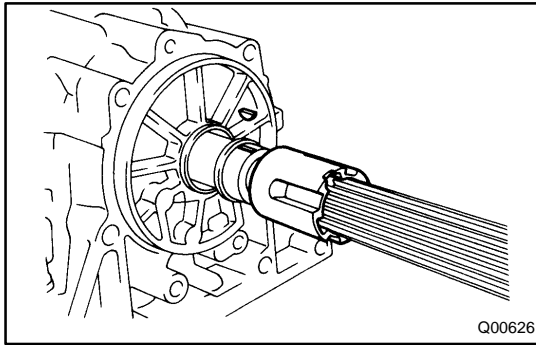
6. REMOVE EXTENSION HOUSING AND GASKET

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

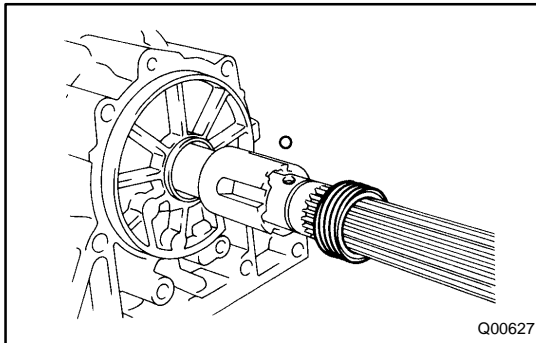


7. REMOVE SPEEDOMETER DRIVE GEAR AND BALL

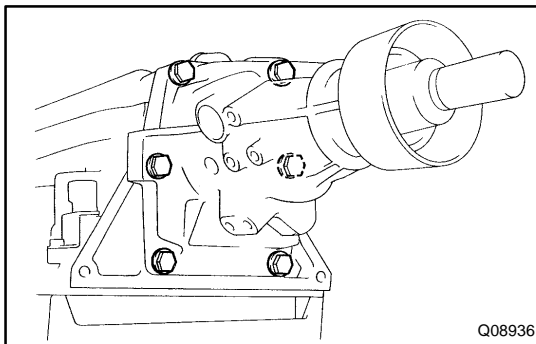
- (a) Using a snap ring expander, remove the snap ring.
- (b) Remove the speedometer drive gear and ball.



8. REMOVE SENSOR ROTOR AND KEY
9. INSTALL SENSOR ROTOR AND KEY



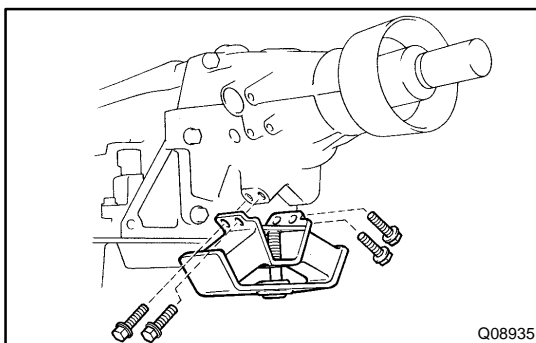
10. INSTALL SPEEDOMETER DRIVE GEAR AND BALL
 - (a) Install the speedometer drive gear and ball.
 - (b) Using a snap ring expander, install the snap ring.



11. INSTALL EXTENSION HOUSING AND GASKET
 - (a) Apply sealant or equivalent to the 6 bolts.
Sealant:
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:

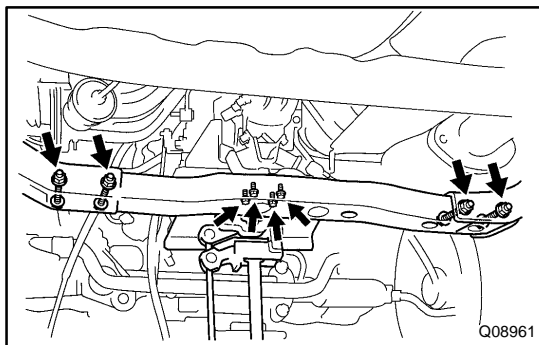
The 2 lower bolts are shorter.



12. INSTALL ENGINE REAR MOUNTING

Install the 4 bolts of the engine rear mounting to the transmission.

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

**13. INSTALL CROSSMEMBER**

- (a) Install the 4 nuts, bolts and crossmember.
Torque: 65 N·m (660 kgf-cm, 48 ft-lbf)
- (b) Install the 4 bolts on the rear mounting side to the rear mounting bracket.
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)

14. INSTALL NO.1 AND NO.2 VEHICLE SPEED SENSORS
(See page [AT-7](#))**15. INSTALL PROPELLER SHAFT** (See page [PR-4](#))