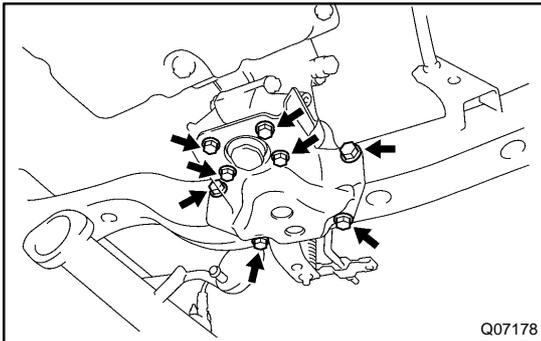


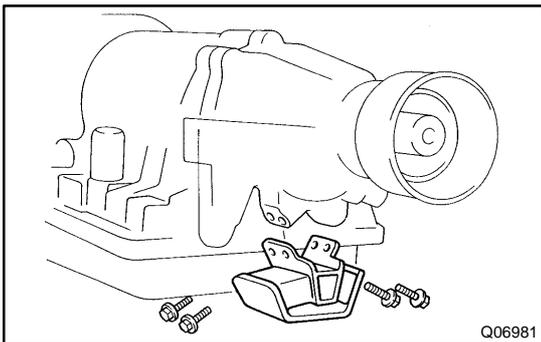
# GOVERNOR BODY ON-VEHICLE REPAIR

AT01C-04

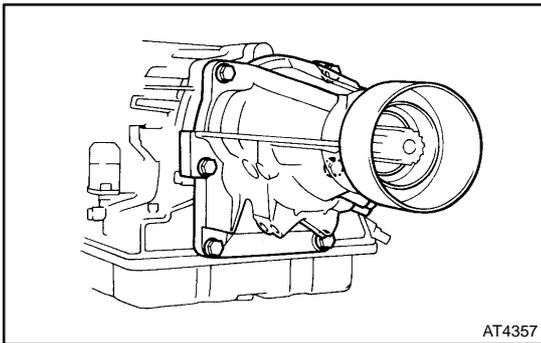
1. REMOVE PROPELLER SHAFT (See page PR-3)
2. DISCONNECT VEHICLE SPEED SENSOR CONNECTOR AND REMOVE VEHICLE SPEED SENSOR (See page AT-21)



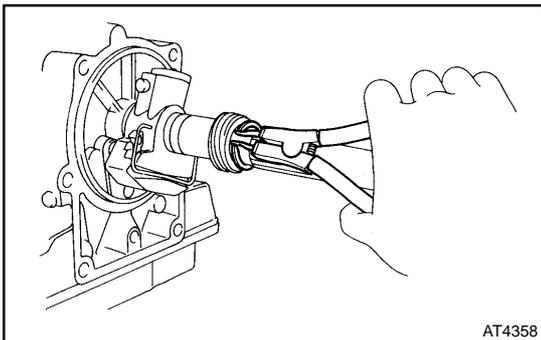
3. REMOVE REAR MOUNTING BRACKET FROM REAR SUPPORT MEMBER  
Remove the 8 bolts and rear mounting bracket from the rear support member.



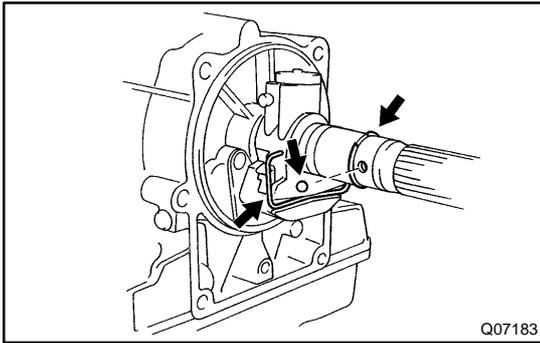
4. REMOVE REAR MOUNTING INSULATOR FROM EXTENSION HOUSING  
Remove the 4 bolts and rear mounting insulator from the extension housing.



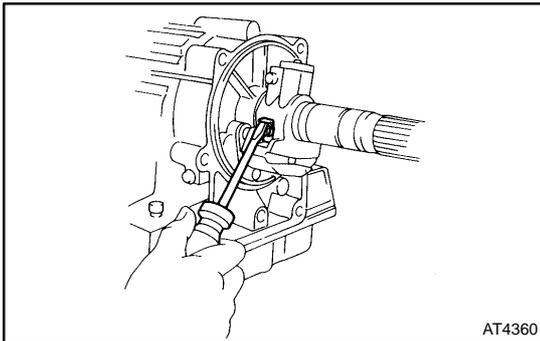
5. REMOVE EXTENSION HOUSING
  - (a) Remove the 6 bolts, housing and gasket.  
If necessary, tap the extension housing with a plastic hammer or block of wood to loosen it.
  - (b) Remove the gasket and oil apply pipe from the extension housing.



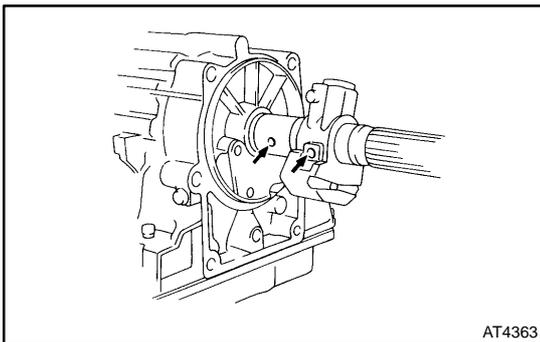
6. REMOVE VEHICLE SPEED SENSOR DRIVE GEAR
  - (a) Using snap ring pliers, remove the snap ring.
  - (b) Slide off the vehicle speed sensor drive gear.



- (c) Remove the lock ball and snap ring.
- 7. REMOVE GOVERNOR BODY FROM OUTPUT SHAFT**
- (a) Using a large screwdriver, remove the retaining clip.



- (b) Using a screwdriver unstage the lock plate, and remove the bolt and lock plate.
- (c) Remove the governor body from the output shaft.

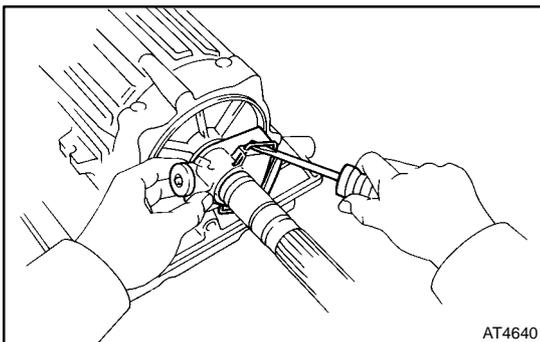


**8. INSTALL GOVERNOR BODY TO OUTPUT SHAFT**

- (a) Place the governor body on the output shaft.

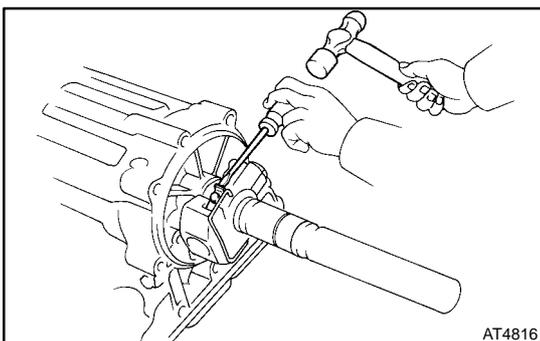
HINT:

Align the governor body and bolt hole on the output shaft.

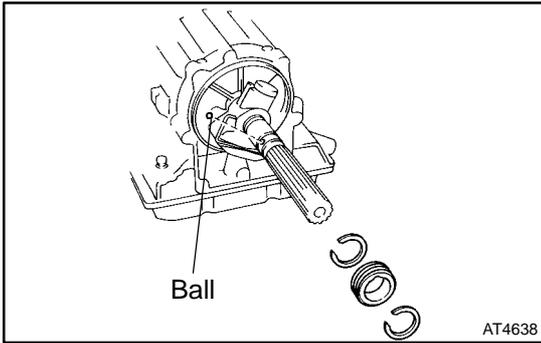


- (b) While lifting the retaining clip with a screwdriver, slide the governor body and insert the retaining clip end into the hole on the output shaft.
- (c) Install a new lock plate with the bolt.

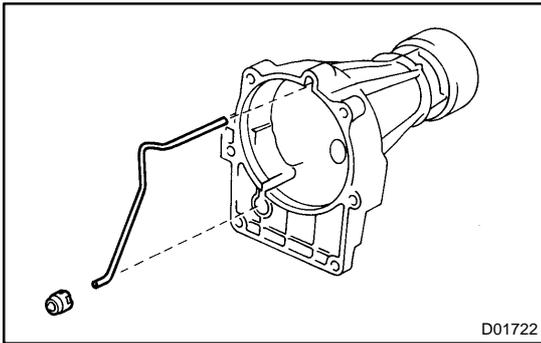
**Torque: 3.9 N·m (40 kgf·cm, 35 in.-lbf)**



- (d) Stake the lock plate.



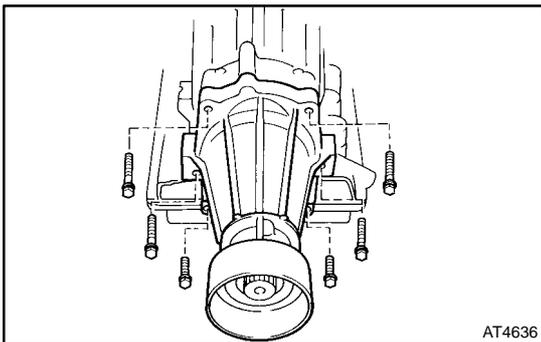
- 9. INSTALL VEHICLE SPEED SENSOR DRIVE GEAR**
- (a) Using a snap ring expander, install the snap ring.
  - (b) Install the ball into the hole on the output shaft.
  - (c) Align the groove of the drive gear with the ball, and install the drive gear.
  - (d) Using a snap ring expander, install the snap ring.



- 10. INSTALL EXTENSION HOUSING**
- (a) Install the oil apply tube and a new gasket to the extension housing.
  - (b) Install the extension housing with a new gasket to the case.
  - (c) Apply sealant to the bolts.

**Sealant:**

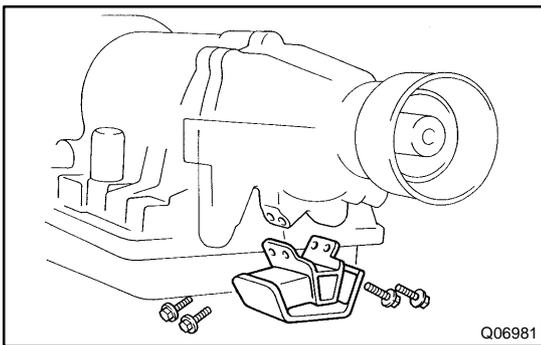
**Part No. 08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent**



- (d) Tighten the 6 bolts.
- Torque: 36 N·m (370 kgf-cm, 27 ft-lbf)**

**HINT:**

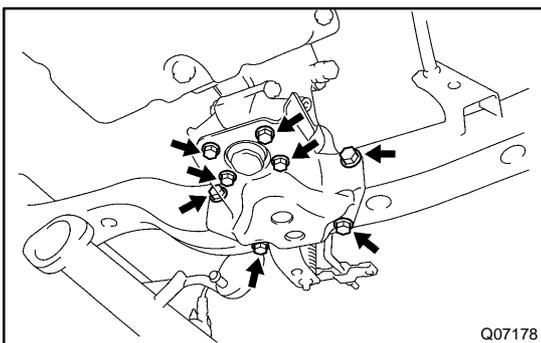
The 2 lower bolts are shorter.



- 11. INSTALL REAR MOUNTING INSULATOR TO EXTENSION HOUSING**

Install the rear mounting insulator to the extension housing with the 4 bolts.

**Torque: 25 N·m (260 kgf-cm, 19 ft-lbf)**



- 12. INSTALL ENGINE REAR MOUNTING BRACKET TO REAR SUPPORT MEMBER**

Install the rear mounting bracket to the rear support member with the 8 bolts.

**Torque:**

**Rear mounting side: 18 N·m (185 kgf-cm, 13 ft-lbf)**

**Frame side: 58 N·m (590 kgf-cm, 42 ft-lbf)**

13. **INSTALL VEHICLE SPEED SENSOR AND CONNECT SPEED SENSOR CONNECTOR (See page [AT-21](#))**
14. **INSTALL PROPELLER SHAFT (See page [PR-8](#))**