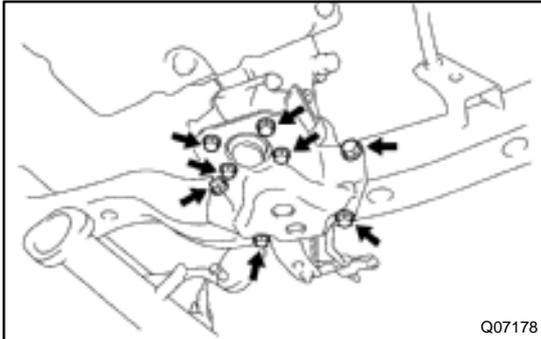


# GOVERNOR BODY ON-VEHICLE REPAIR

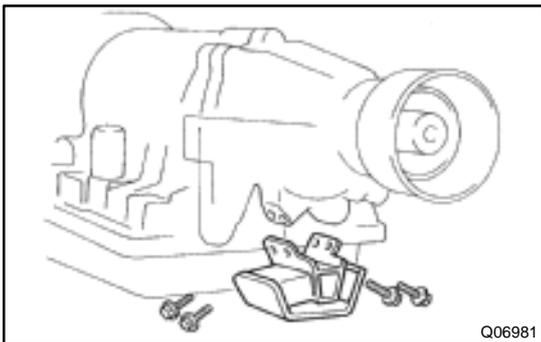
AT01C-01

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



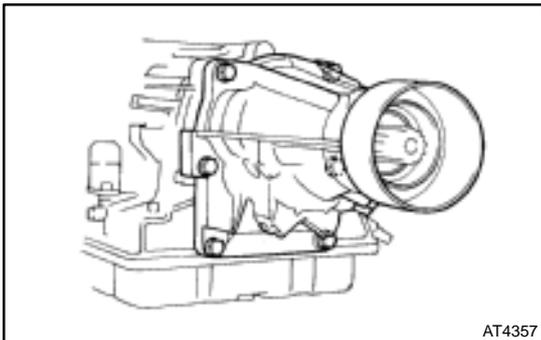
3. REMOVE REAR MOUNTING BRACKET FROM REAR SUPPORT MEMBER

Remove the 8 bolts and rear mounting bracket from the rear support member.



4. REMOVE REAR MOUNTING INSULATOR FROM EXTENSION HOUSING

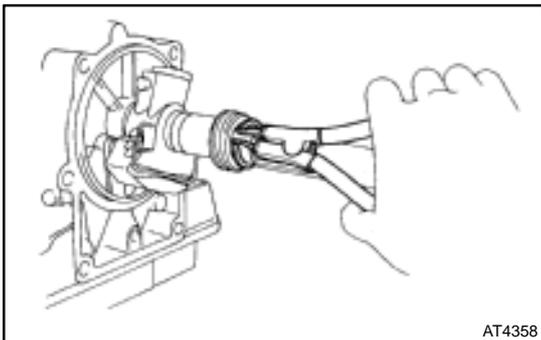
Remove the 4 bolts and rear mounting insulator from the extension housing.



5. REMOVE EXTENSION HOUSING

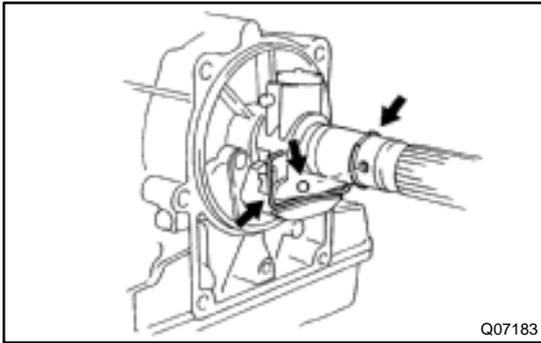
(a) Remove the 6 bolts, housing and gasket.  
If necessary, tap the extension housing with a plastic hammer or block of wood to loosen it.

(b) Remove the gasket and oil apply pipe from the extension housing.



6. REMOVE VEHICLE SPEED SENSOR DRIVE GEAR

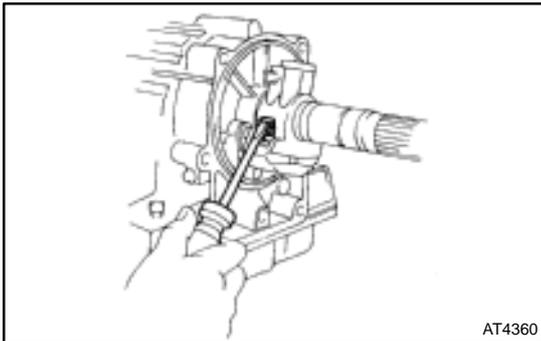
(a) Using snap ring pliers, remove the snap ring.  
(b) Slide off the vehicle speed sensor drive gear.



(c) Remove the lock ball and snap ring.

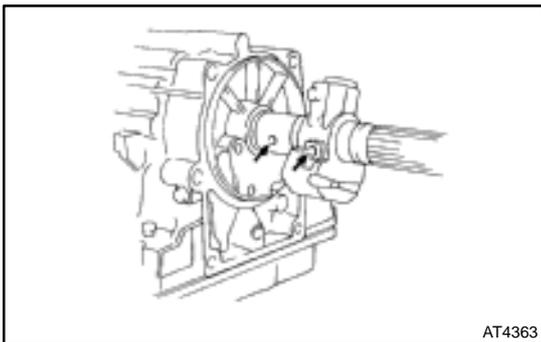
### 7. REMOVE GOVERNOR BODY FROM OUTPUT SHAFT

(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.

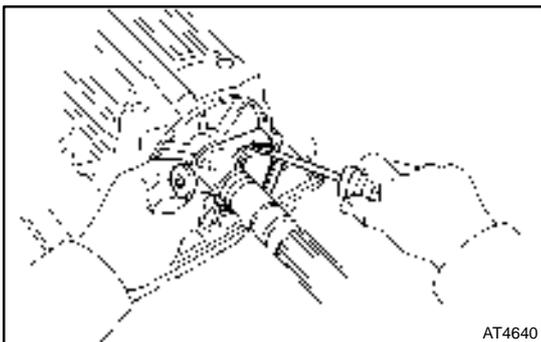


### 8. INSTALL GOVERNOR BODY TO OUTPUT SHAFT

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

HINT:

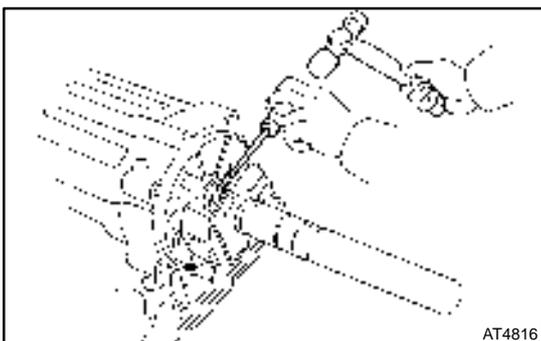
Align the governor body and bolt hole on the output shaft.



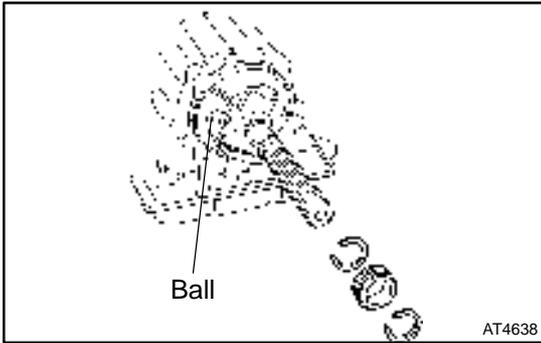
(b) While lifting the retaining clip with a screwdriver, slide the governor body and insert the retaining clip end into the hole on the output shaft.

(c) Install a new lock plate with the bolt.

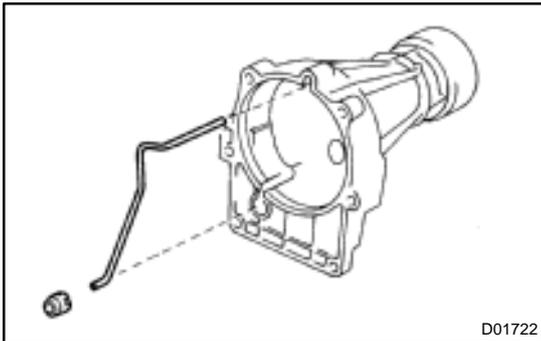
**Torque: 3.9 N·m (40 kgf·cm, 35 in.-lbf)**



(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:**

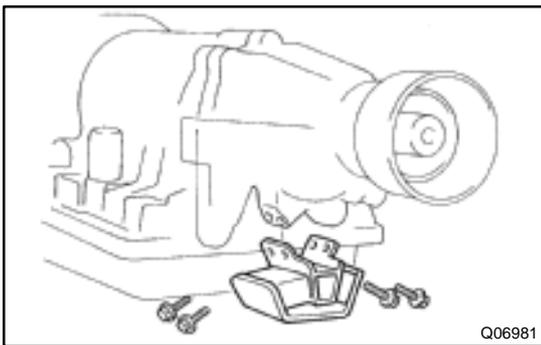
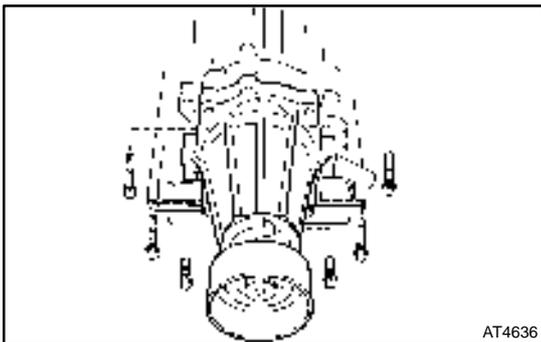
**Part No. 08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent**

- (d) Tighten the 6 bolts.

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

**HINT:**

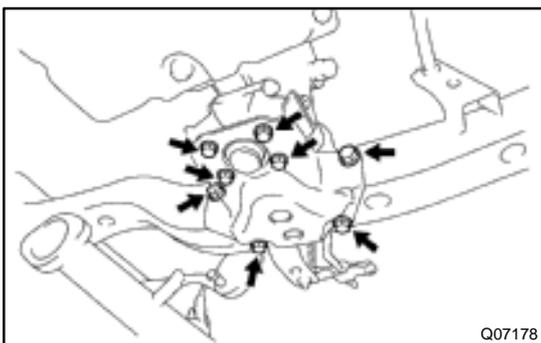
The 2 lower bolts are shorter.



- 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](#))