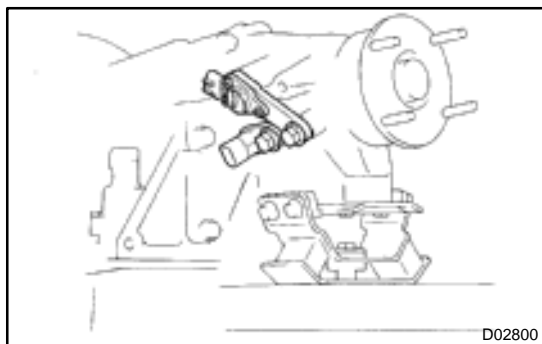


## SENSOR ROTOR (A340E) ON-VEHICLE REPAIR

AT07E-02

### 1. REMOVE PROPELLER SHAFT (See page [PR-3](#))



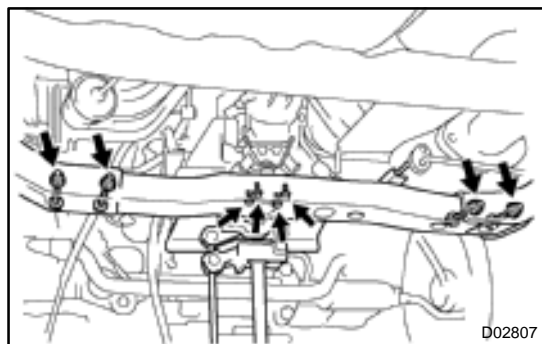
### 2. REMOVE NO.1 AND NO.2 VEHICLE SPEED SENSORS (See page [AT-7](#))

### 3. JACK UP TRANSMISSION SLIGHTLY

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

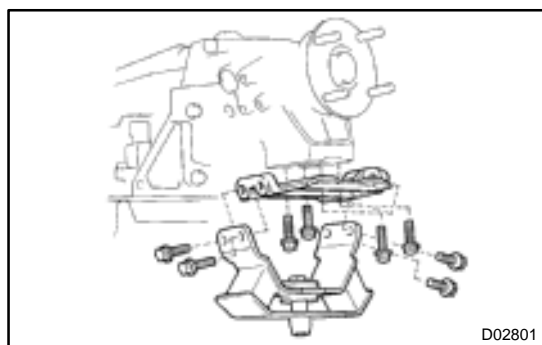
### 4. REMOVE CROSSMEMBER

(a) Disconnect the crossmember from the O-ring.



(b) Remove the 4 bolts on the rear mounting side from the engine rear mounting insulator.

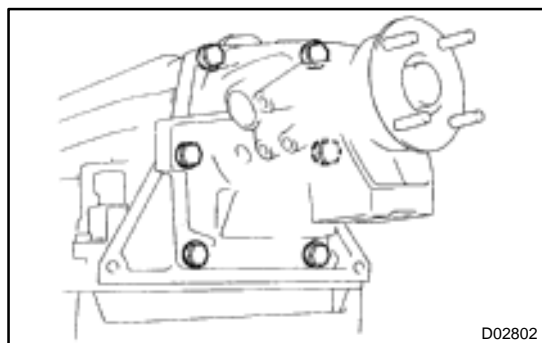
(c) Remove the 4 nuts, bolts, washers and crossmember.



### 5. REMOVE ENGINE REAR MOUNTING INSULATOR AND ENGINE MOUNTING SPACER

(a) Remove the 4 bolts and engine rear mounting insulator from the engine mounting spacer.

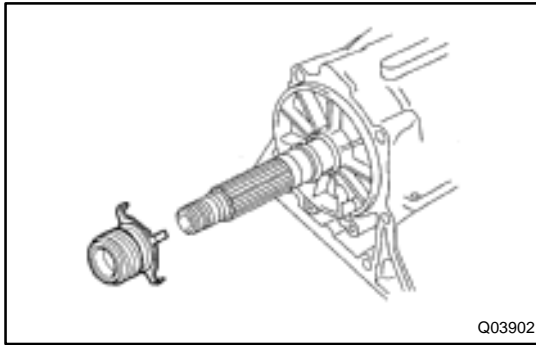
(b) Remove the 4 bolts and engine mounting spacer from the transmission.



### 6. REMOVE EXTENSION HOUSING AND GASKET

Remove the 6 bolts, gasket 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 SENSOR ROTOR

Remove the speedometer drive gear and sensor rotor from the output shaft.

## 8. INSTALL SPEEDOMETER DRIVE GEAR AND SENSOR ROTOR

Install the speedometer drive gear and sensor rotor to the output shaft.

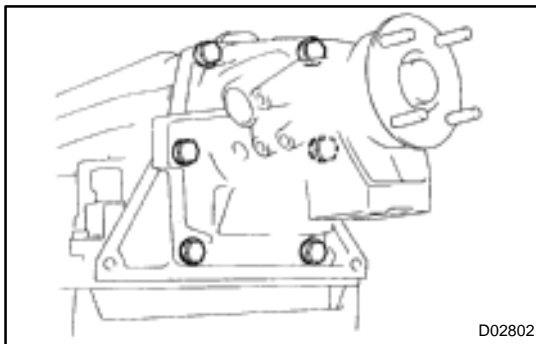
## 9. INSTALL EXTENSION HOUSING AND GASKET

- (a) Apply sealant or equivalent to the bolt threads.

**Sealant:**

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

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

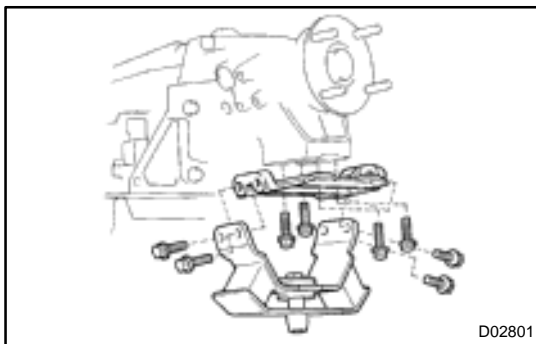


- (c) Install and torque the 6 bolts.

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

**HINT:**

The 2 lower bolts are shorter.



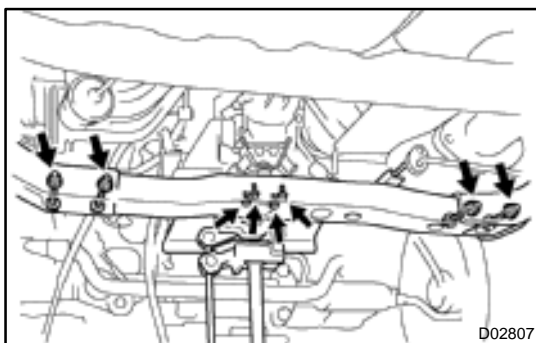
## 10. INSTALL ENGINE REAR MOUNTING INSULATOR AND ENGINE MOUNTING SPACER

- (a) Install the 4 bolts and engine mounting spacer to the transmission.

**Torque: 28.5 N·m (291 kgf·cm, 21 ft·lbf)**

- (b) Install the 4 bolts and engine rear mounting to the engine mounting spacer.

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



## 11. INSTALL CROSSMEMBER

- (a) Install the 4 nuts, bolts, washers and crossmember.

**Torque: 72 N·m (734 kgf·cm, 53 ft·lbf)**

- (b) Install the 4 bolts on the rear mounting side to the engine rear mounting insulator.

**Torque: 18.5 N·m (189 kgf·cm, 14 ft·lbf)**

- (c) Connect the crossmember to the O-ring.

## 12. INSTALL NO.1 AND NO.2 VEHICLE SPEED SENSORS (See page AT-7)

## 13. INSTALL PROPELLER SHAFT (See page PR-8)