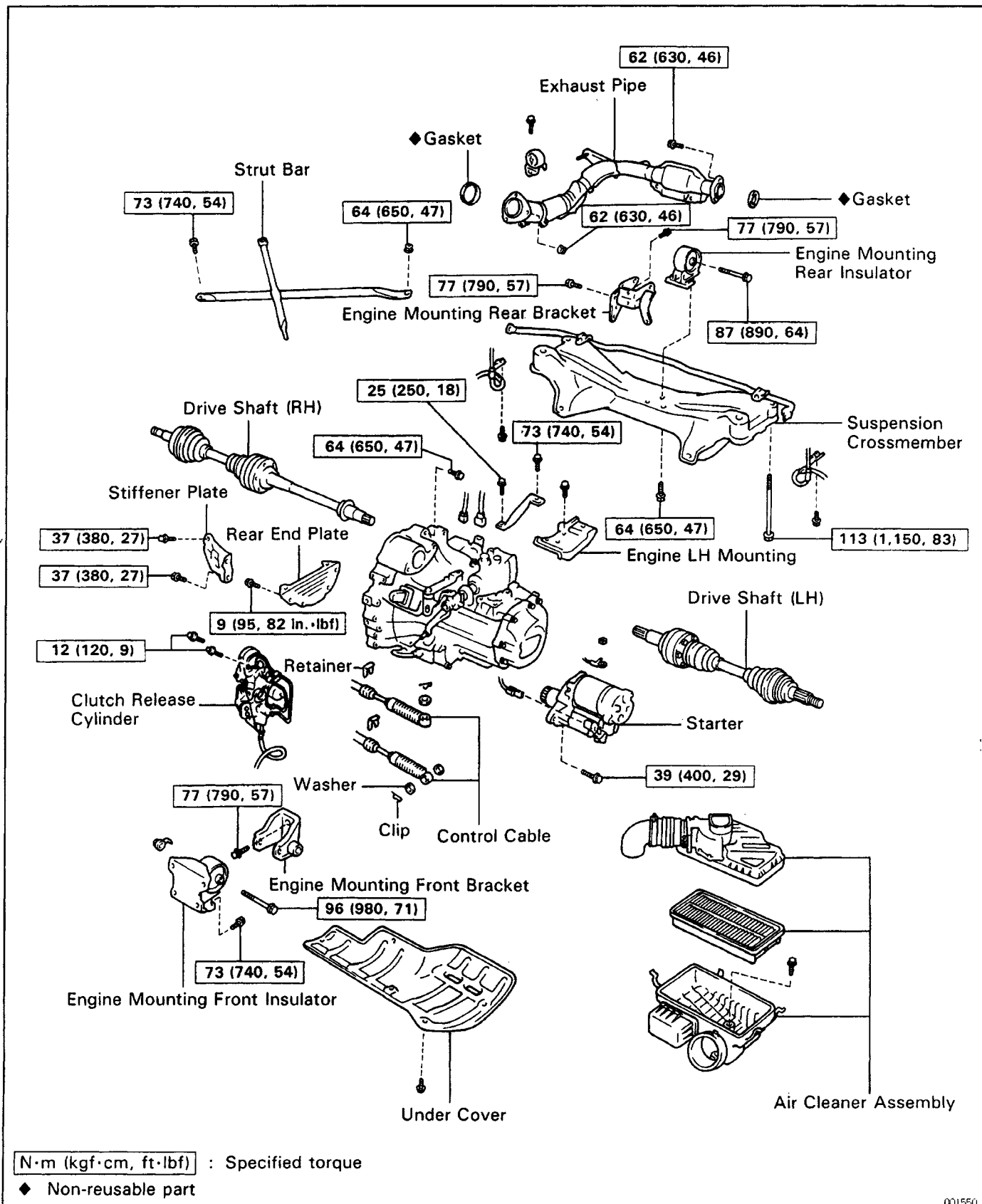
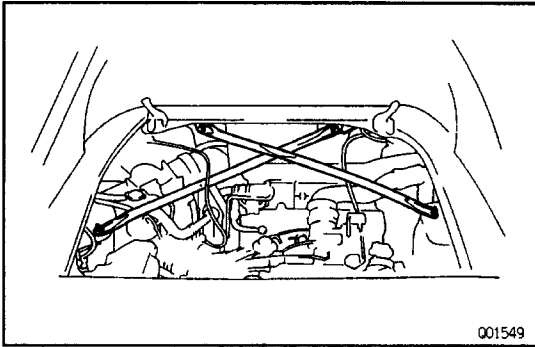


# ASSEMBLY REMOVAL AND INSTALLATION

Removal and installation the parts as shown below.



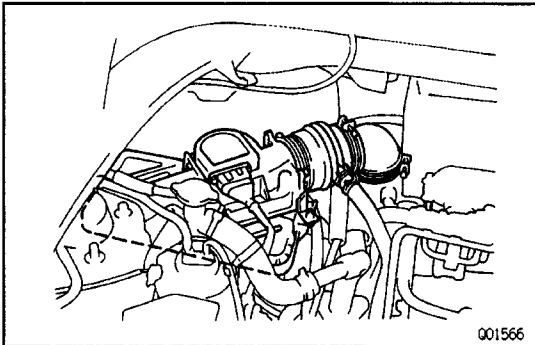


## TRANSAXLE REMOVAL

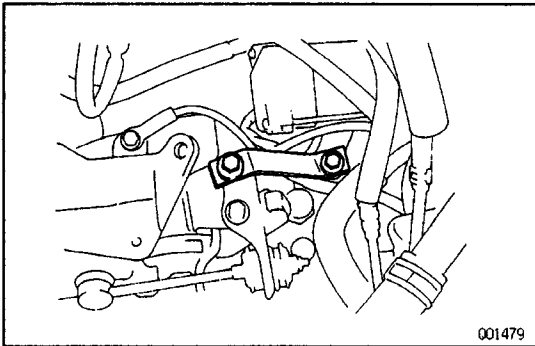
### 1. REMOVE NEGATIVE BATTERY CABLE

### 2. REMOVE STRUT BAR

Remove the two bolts, two nuts and strut bar.

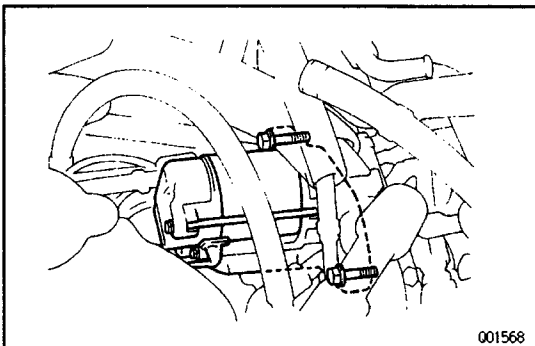


### 3. REMOVE AIR CLEANER HOUSING ASSEMBLY WITH AIR HOSE



### 4. REMOVE LH ENGINE MOUNTING STAY

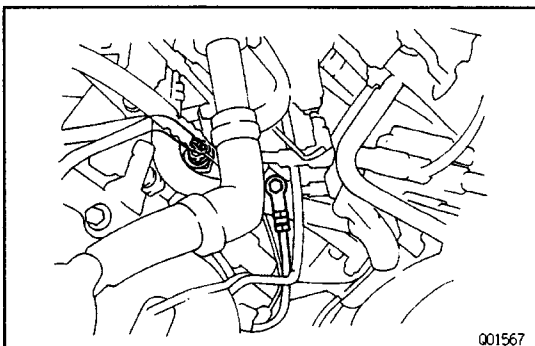
Remove the two bolts and mounting stay.



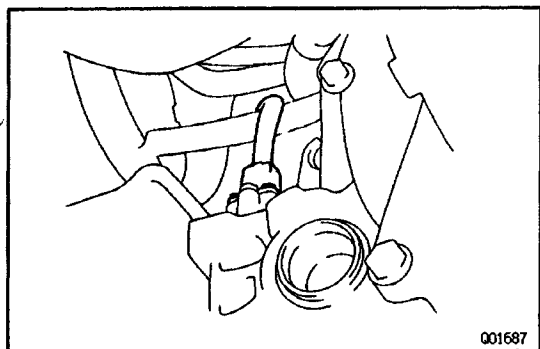
### 5. REMOVE STARTER

(a) Disconnect the connector and wire from the starter.

(b) Remove the two bolts and starter.

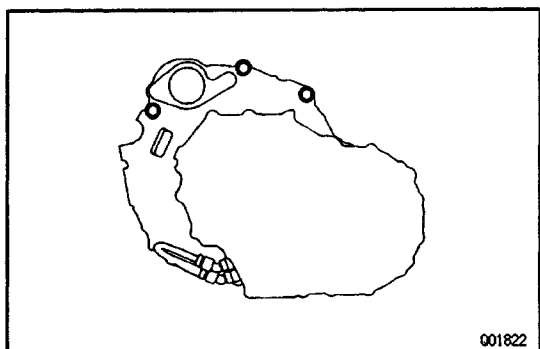


### 6. DISCONNECT BACK-UP LIGHT SWITCH CONNECTOR AND EARTH CABLE



**7. DISCONNECT VEHICLE SPEED PULSE GENERATOR CONNECTOR**

**8. REMOVE TRANSAXLE MOUNTING THREE BOLTS OF TRANSAXLE CASE UPPER SIDE ,**



**9. REMOVE REAR WHEELS**

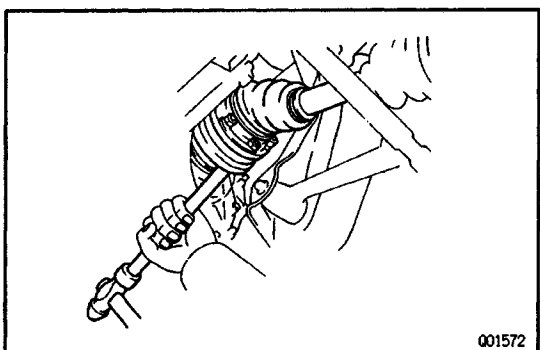
**10. RAISE VEHICLE**

**NOTICE:** Be sure the vehicle is securely supported.

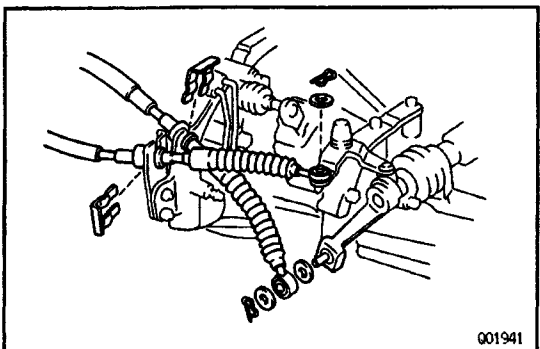
**11. REMOVE UNDERCOVER**

Remove the five bolts and under cover.

**12. DRAIN TRANSAXLE OIL**

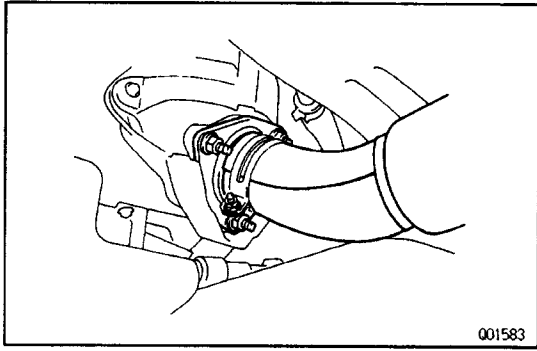


**13. REMOVE DRIVE SHAFT**  
(See page [SA-70](#))

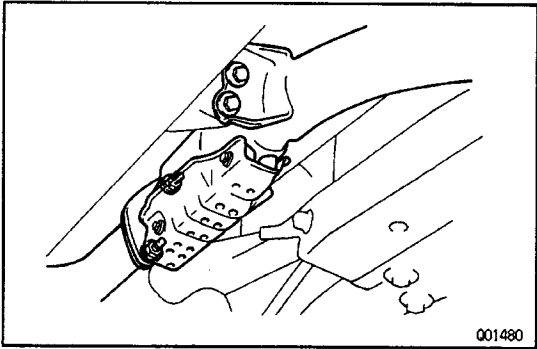


**14. DISCONNECT CONTROL CABLES**

- (a) Remove the clips and washers.
- (b) Remove the retainer from the cables.

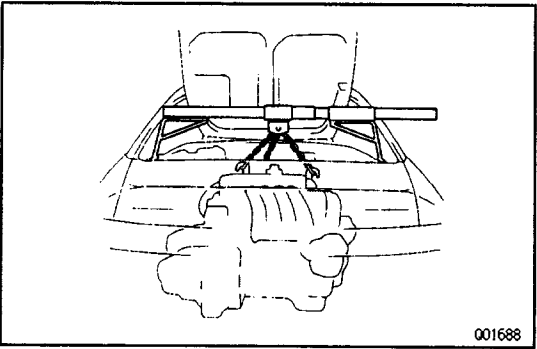
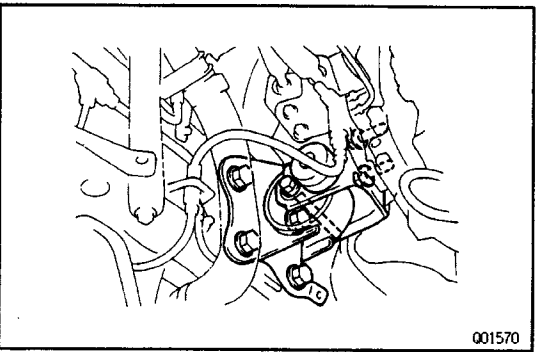
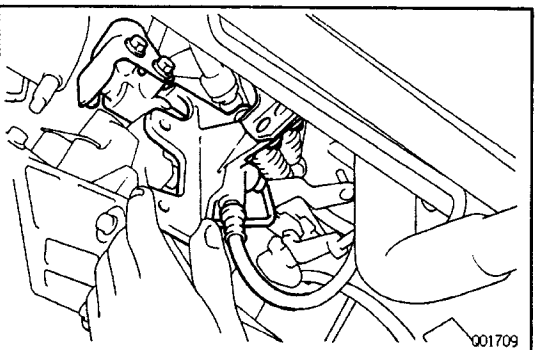
**15. REMOVE FRONT EXHAUST PIPE**

(a) Remove the three nuts.

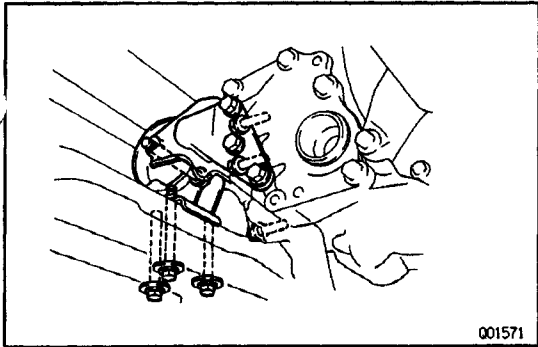


(b) Remove the foot bolts.

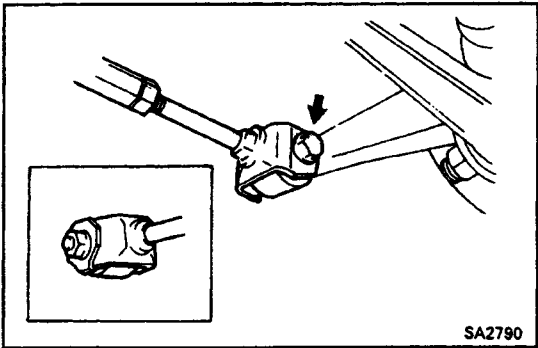
(c) Remove the front exhaust pipe and two gaskets.

**16. INSTALL ENGINE SUPPORT FIXTURE****17. REMOVE ENGINE FRONT MOUNTING****18. REMOVE CLUTCH RELEASE CYLINDER**

Remove the two bolts and clutch release cylinder.

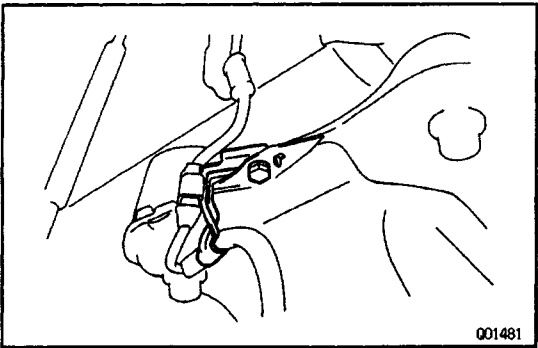


**19. REMOVE ENGINE REAR MOUNTING**

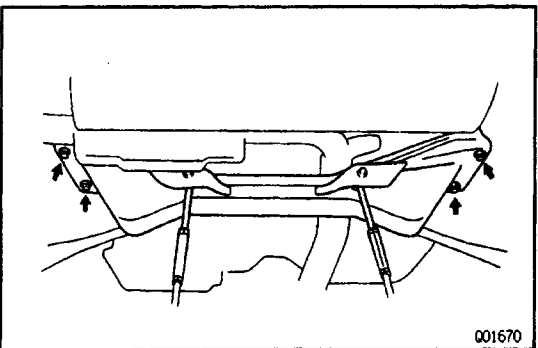


**20. REMOVE SUSPENSION CROSSMEMBER**

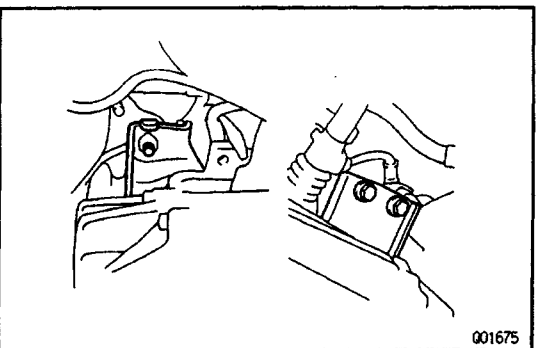
(a) Remove the bolt, nut and suspension arm from rear axle hub.



(b) Remove the bolt and disconnect the speed sensor= bracket from the rear suspension crossmember



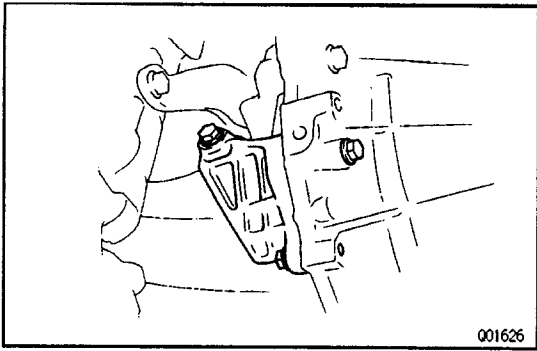
(c) Remove the four bolts and suspension crossmember



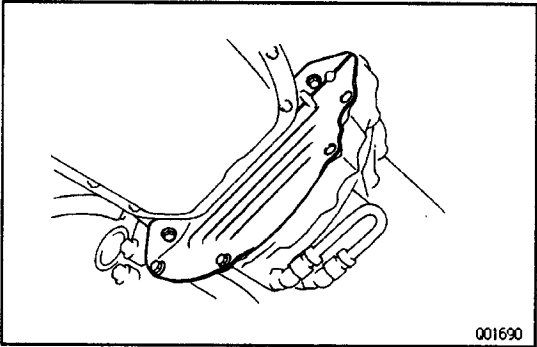
**21. REMOVE ENGINE LH MOUNTING SET BOLTS**

(a) Raise the transaxle and engine slightly with a jack and wooden block in between.

(b) Remove the three bolts.

**22. REMOVE STIFFENER PLATE**

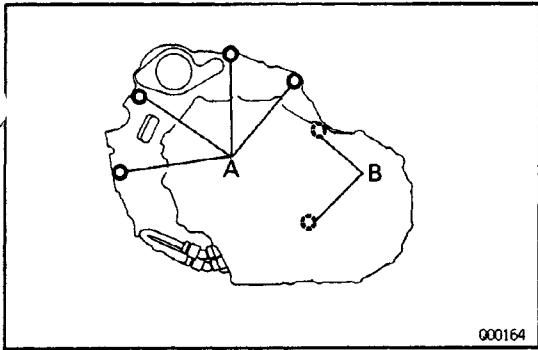
Remove the three bolts and stiffener plate.

**23. REMOVE REAR END PLATE**

Remove the four bolts and rear end plate.

**24. REMOVE TRANSAXLE**

- (a) Remove the transaxle mounting bolts from the engine.
- (b) Lower the engine left side and remove the transaxle from the engine.



## TRANSAXLE INSTALLATION

(See page [MX2-9](#))

### 1. INSTALL TRANSAXLE TO ENGINE

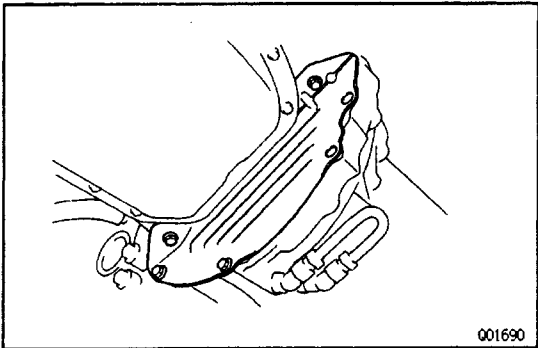
- (a) Align the input shaft spline with the clutch disc and install the transaxle to the engine.
- (b) Torque the bolts.

**Bolt A**

Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)

**Bolt B**

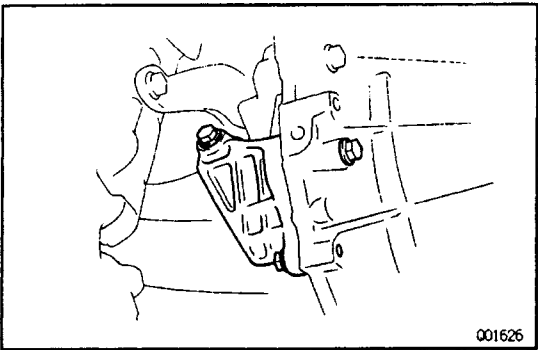
Torque: 46 N-m (470 kgf-cm, 34 ft-lbf)



### 2. INSTALL REAR END PLATE

Install the rear end plate and torque the four bolts.

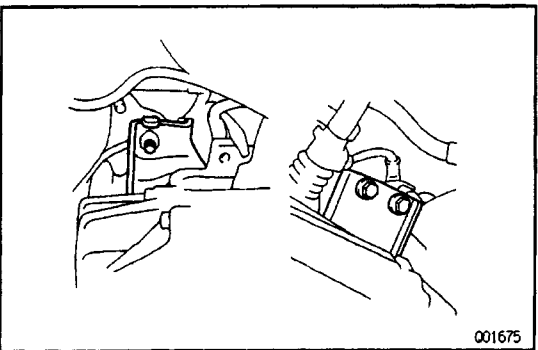
Torque: 9 N-m (95 kgf-cm, 82 in.-M)



### 3. REMOVE STIFFENER PLATE

Install the stiffener plate with three bolts.

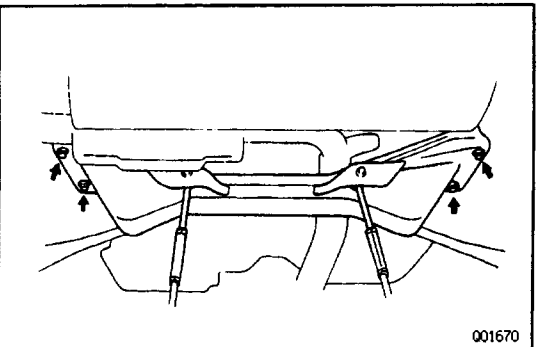
Torque: 37 N-m (380 kgf-cm, 27 ft-lbf)



### 4. INSTALL ENGINE LH MOUNTING SET BOLTS

Raise the engine left side and install the three set bolts.

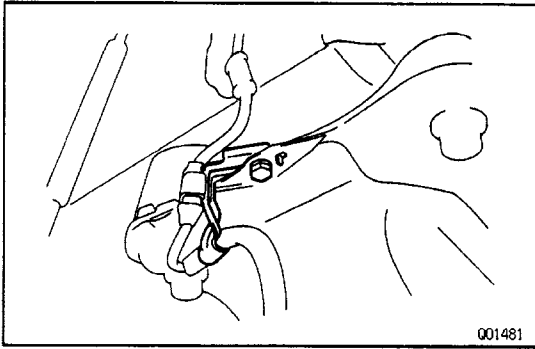
Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)



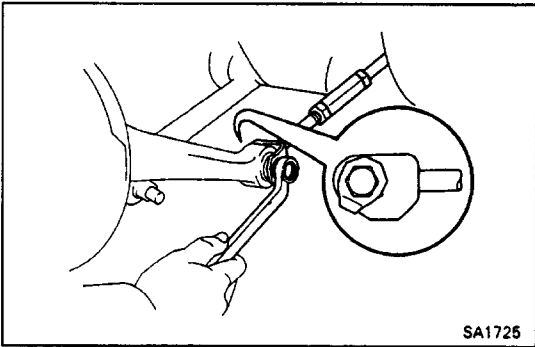
### 5. INSTALL SUSPENSION CROSSMEMBER

- (a) Install the suspension crossmember in place, then install and tighten the four bolts.

Torque: 113 N-m (1,150 kgf-cm, 83 ft-lbf)

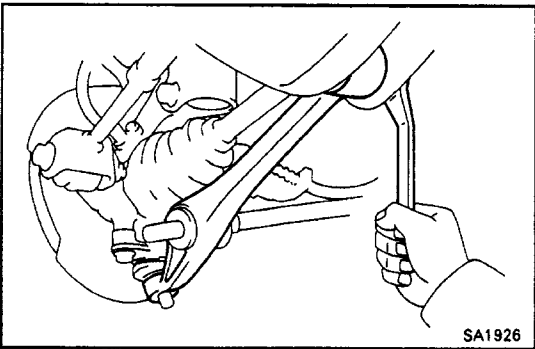


(b) Install the speed sensor bracket to suspension crossmember.



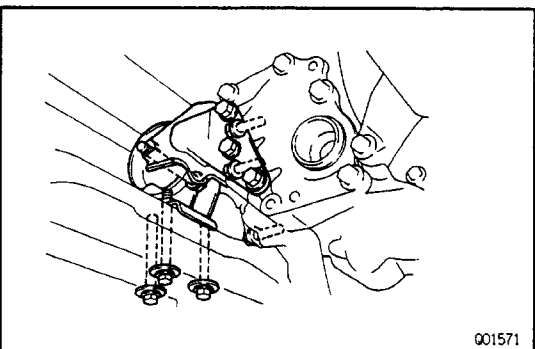
(c) Install the suspension arm with bolt and nut to rear axle hub.

**Torque: 103 N-m (1,050 kgf-cm, 76 ft-lbf)**



(d) Install the lower arm with bolt to suspension crossmember.

**Torque: 132 N-m (1,350 kgf-cm, 98 ft-lbf)**



## 6. INSTALL ENGINE REAR MOUNTING

### Transaxle side

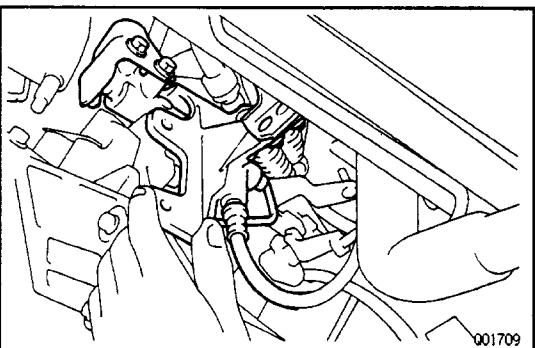
**Torque: 77 N-m (790 kgf-cm, 57 ft-lbf)**

### Crossmember side

**Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)**

### Through bolt

**Torque: 87 N-m (890 kgf-cm, 64 ft-lbf)**

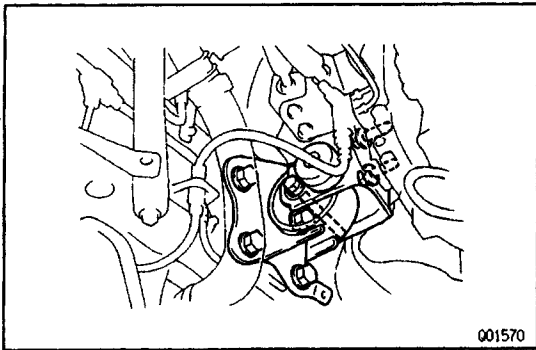


## 7. INSTALL CLUTCH RELEASE CYLINDER

Place the release cylinder and torque the two bolts.

**Torque: 12 N-m (120 kgf-cm, 9 ft-lbf)**





## 8. INSTALL ENGINE FRONT MOUNTING

### Transaxle side

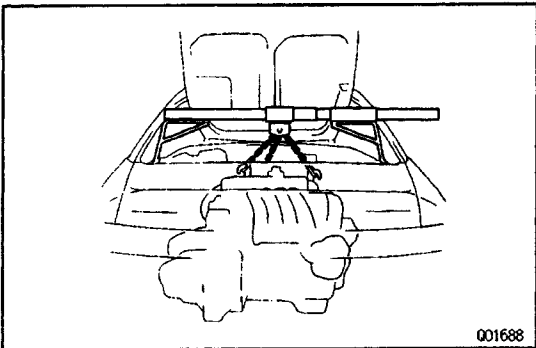
Torque: 77 N-m (790 kgf-cm, 57 ft-lbf)

### Body side

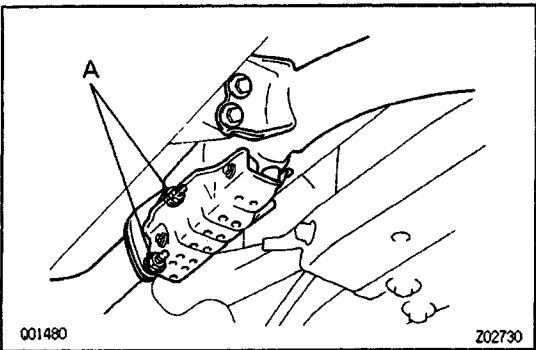
Torque: 73 N-m (740 kgf-cm, 54 ft-lbf)

### Through bolt

Torque: 96 N-m (980 kgf-cm, 71 ft-lbf)



## 9. REMOVE ENGINE SUPPORT FIXTURE



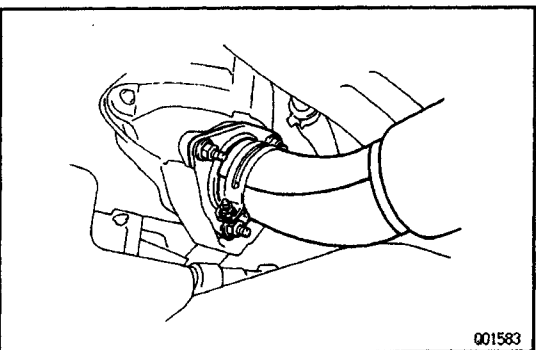
## 10. INSTALL FRONT EXHAUST PIPE

(a) Install the two new gaskets and front exhaust pipe.

(b) Install the four bolts.

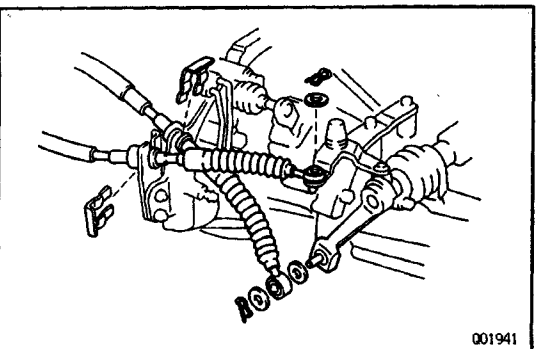
(c) Torque the "A" bolts.

Torque: 62 N-m (630 kgf-cm, 46 ft-lbf)



(d) Install and torque the three nuts.

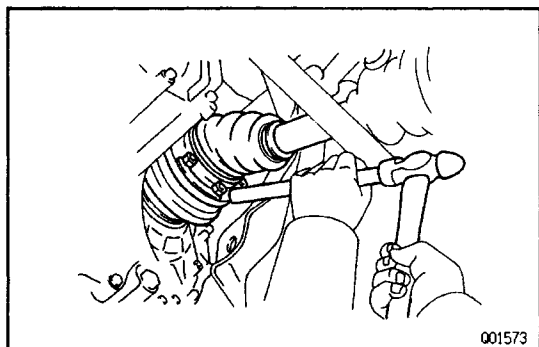
Torque: 62 N-m (630 kgf-cm, 46 ft-lbf)



## 11. CONNECT CONTROL CABLES

(a) install the retainer to the cables.

(b) Connect the cables to the linkage with the washers and clips.

**12. INSTALL DRIVE SHAFT**

(See page SA-70)

**13. FILL TRANSAXLE WITH GEAR OIL****Oil:**

Gear oil super (08885-02106) or equivalent

**Recommended oil****Oil grade:**

API GL-3, GL-4 or GL-5

**Viscosity:**

SAE 75W-90 or 80W-90

Above-18° C (0° F) SAE 90

Below-18° C (0° F) SAE 80W

**Standard Type**

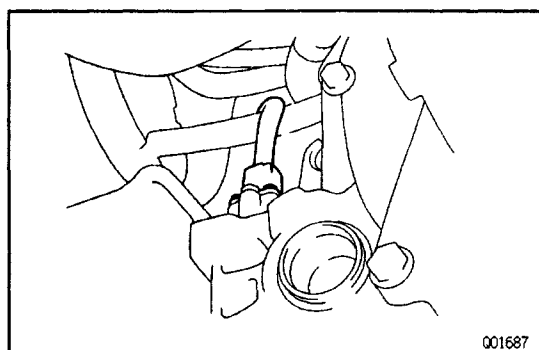
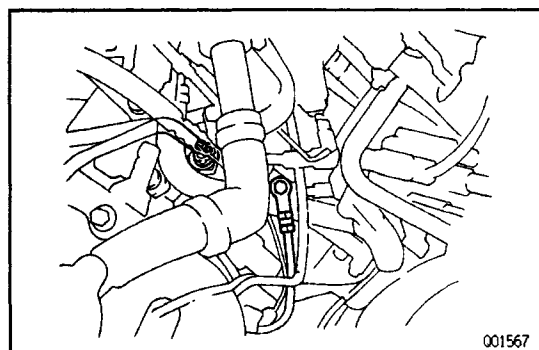
Capacity: 4.2 liters (4.4 US qts, 3.7 Imp.qts)

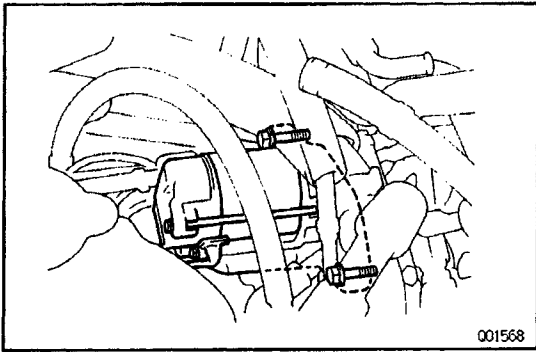
**Viscous Coupling LSD Type**

Capacity: 3.9 Liters (4.1 US qts, 3.4 Imp. qts)

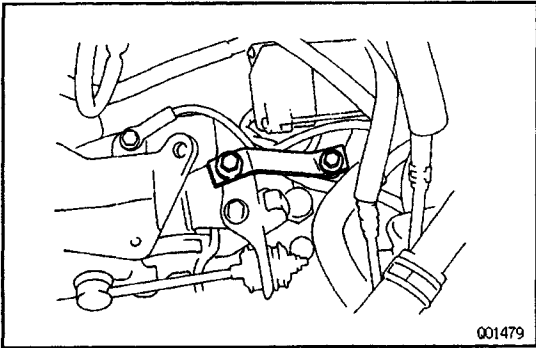
**14. INSTALL UNDER COVER**

Install the under cover and five bolts.

**15. INSTALL REAR WHEELS AND LOWER VEHICLE****16. CONNECT VEHICLE SPEED PULSE GENERATOR CONNECTOR****17. CONNECT BACK-UP LIGHT SWITCH CONNECTOR AND EARTH CABLE**

**18. INSTALL STARTER**

- (a) Install the starter.
- (b) Install and torque the two bolts.  
Torque: 39 N-m (400 kgf-cm, 29 ft-lbf)
- (c) Connect the connector and wire to the starter.

**19. INSTALL LH ENGINE MOUNTING STAY**

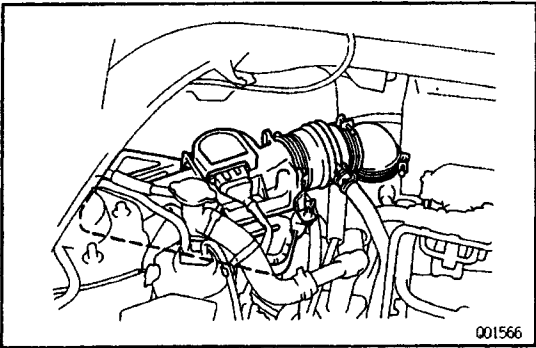
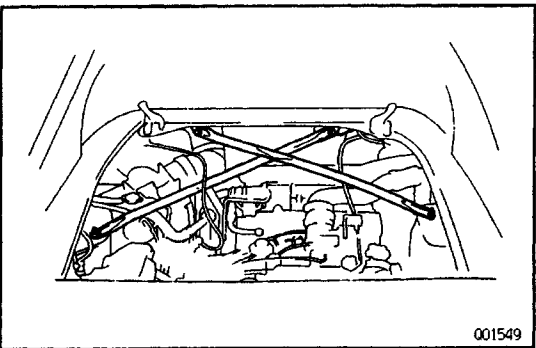
Install the mounting stay with two bolts.

**Body side**

Torque: 73 N-m (740 kgf-cm, 54 ft-lbf)

**Transaxle side**

Torque: 25 N-m (250 kgf-cm, 18 ft-lbf)

**20. INSTALL AIR CLEANER HOUSING ASSEMBLY::  
WITH AIR HOSE****21. INSTALL STRUT BAR**

Install the strut bar with two bolts and two nuts.

**Bolt**

Torque: 73 N-m (740 kgf-cm, 54 ft-lbf)

**Nut**

Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)

**22. INSTALL NEGATIVE BATTERY CABLE****23. INSPECT REAR WHEEL ALIGNMENT**

(See page SA-7)

**24. PERFORM ROAD TEST**

Check for abnormal noise and smooth shifting.