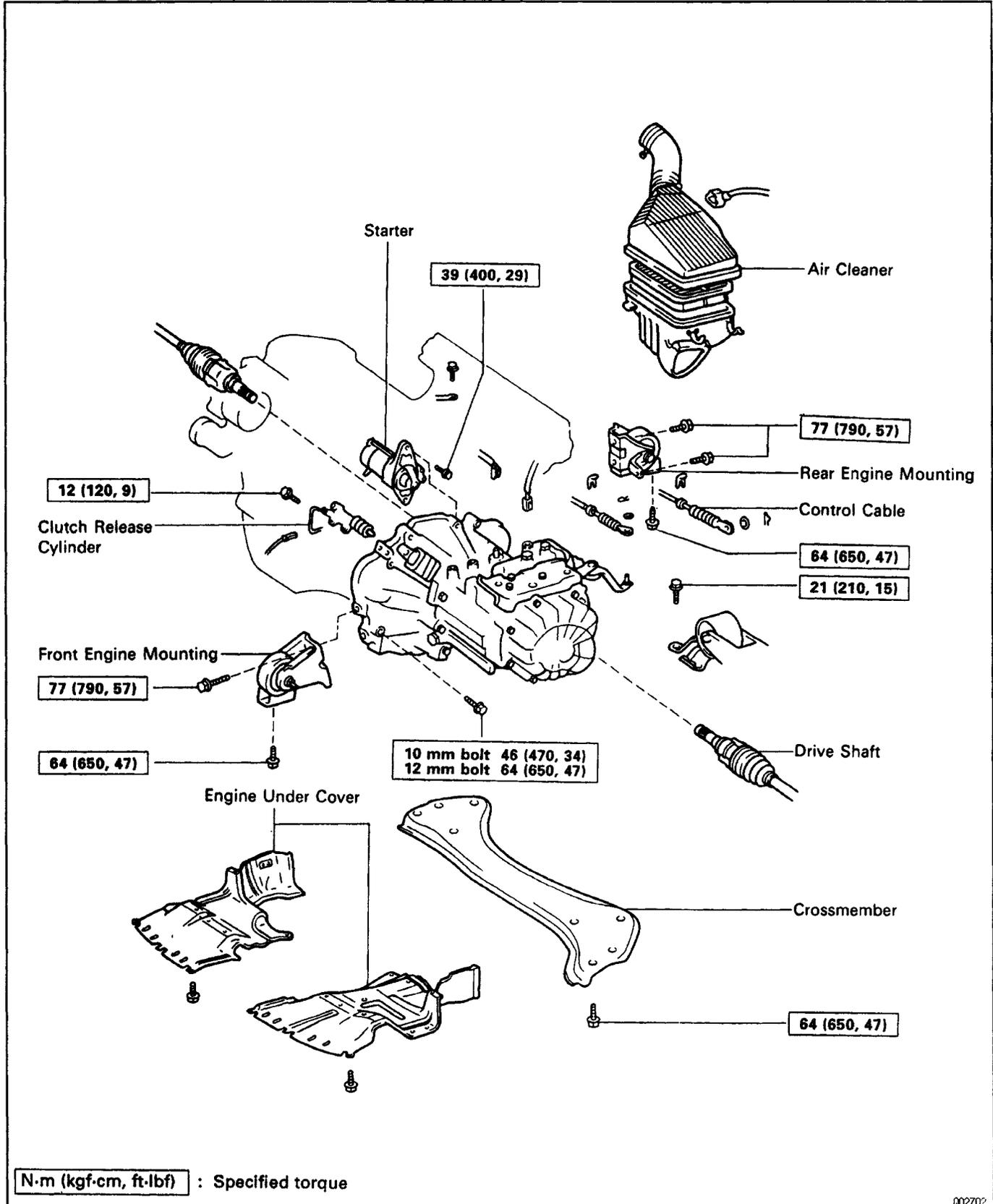


ASSEMBLY REMOVAL AND INSTALLATION

Removal and installation the parts as shown below.

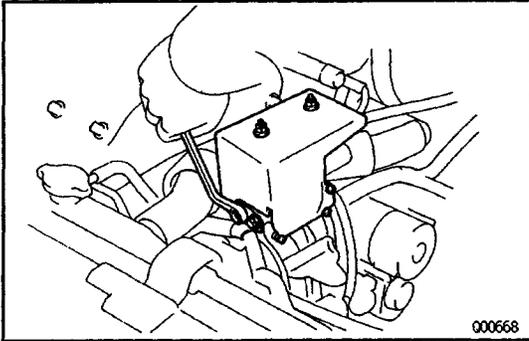


TRANSAXLE REMOVAL

1. REMOVE NEGATIVE BATTERY CABLE

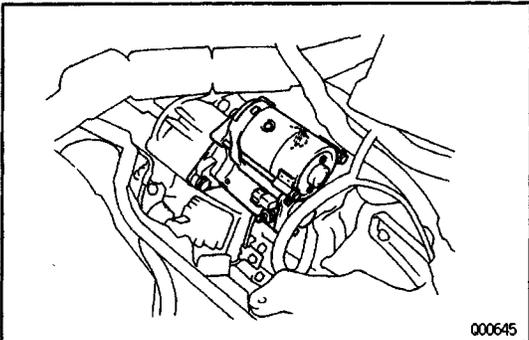
CAUTION: Work must be started after approx. 90 seconds or longer from the "LOCK" Position and the negative (-) terminal cable is disconnected from the battery.

2. REMOVE AIR CLEANER CASE ASSEMBLY WITH AIR HOSE



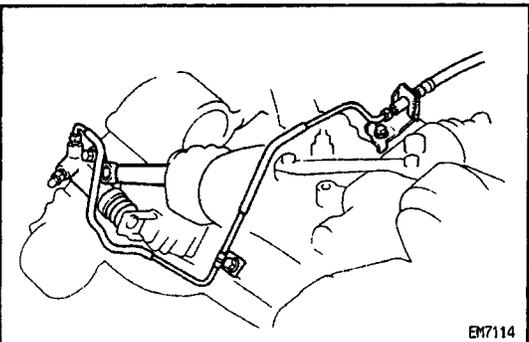
3. REMOVE CRUISE CONTROL ACTUATOR

- Disconnect the connector.
- Remove the four bolts and control actuator with bracket.



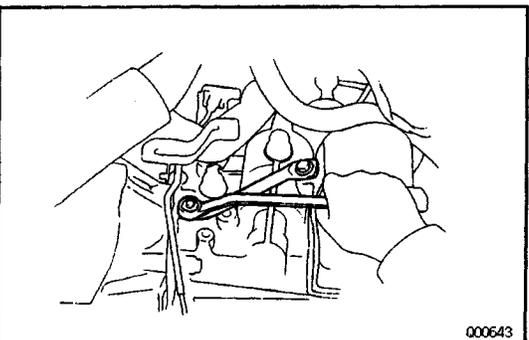
4. REMOVE STARTER

- Disconnect the connector and wire from the starter.
- Remove the two bolts and starter.



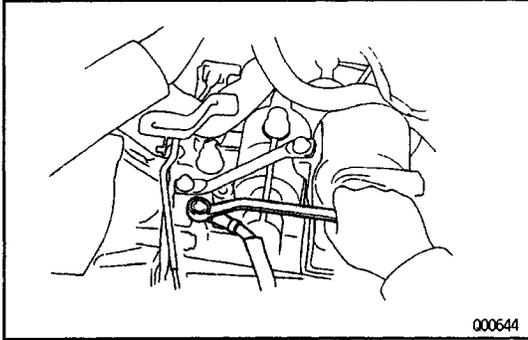
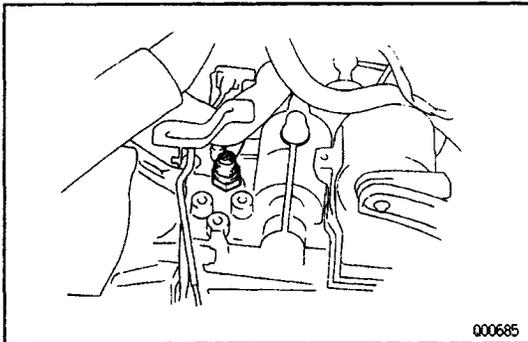
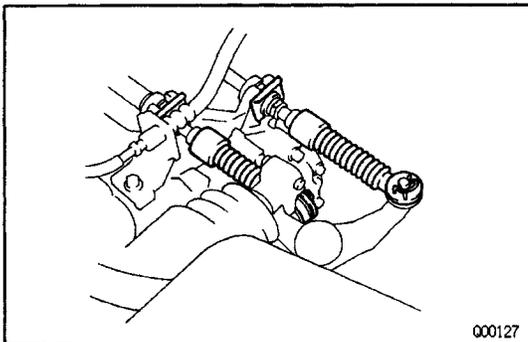
5. REMOVE CLUTCH RELEASE CYLINDER WITHOUT DISCONNECTION TUBE

Remove the four bolts, release cylinder and tube from the transaxle.

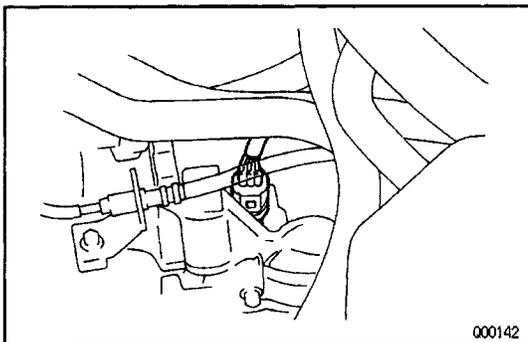
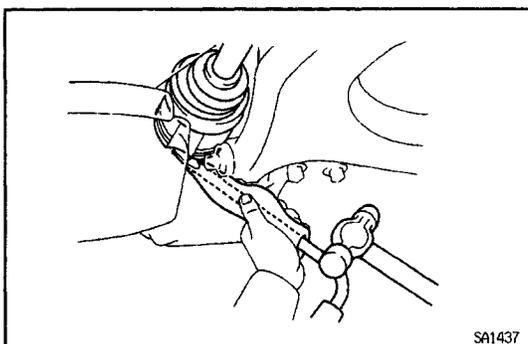


6. REMOVE ENGINE MOUNTING LEFT STAY

Remove the bolt, nut and mounting left stay.

**7. REMOVE EARTH CABLE****8. DISCONNECT BACK – UP LIGHT SWITCH CONNECTOR****9. DISCONNECT CONTROL CABLES**

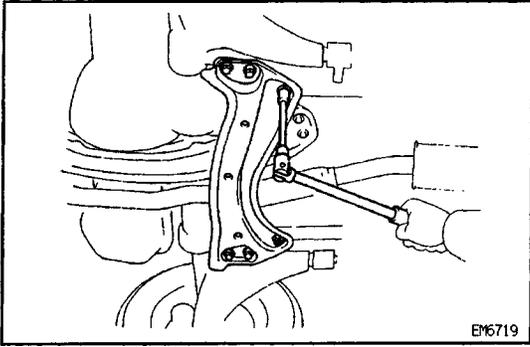
- (a) Remove the clips and washers.
- (b) Remove the clips from the cables.

**10. DISCONNECT VEHICLE SPEED SENSOR CONNECTOR****11. REMOVE TRANSAXLE MOUNTING BOLTS OF ENGINE LEFT MOUNTING UPPER SIDE****12. REMOVE ENGINE LEFT MOUNTING BOLTS OF ENGINE LEFT MOUNTING UPPER SIDE****13. REMOVE FRONT WHEEL****14. RAISE VEHICLE**

NOTICE: Be sure the vehicle is securely supported.

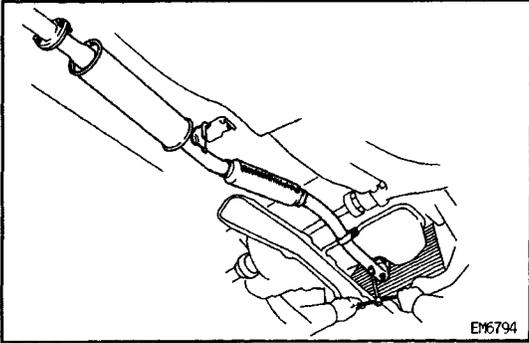
15. REMOVE UNDER COVERS**16. DRAIN TRANSAXLE OIL****17. REMOVE DRIVE SHAFT**

(See page [SA-19](#))



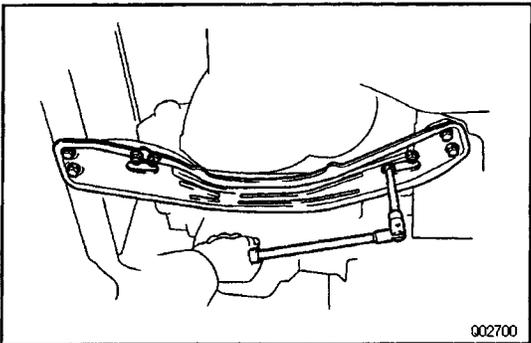
18. REMOVE LOWER CROSSMEMBER

Remove the four bolts, two nuts and lower crossmember.



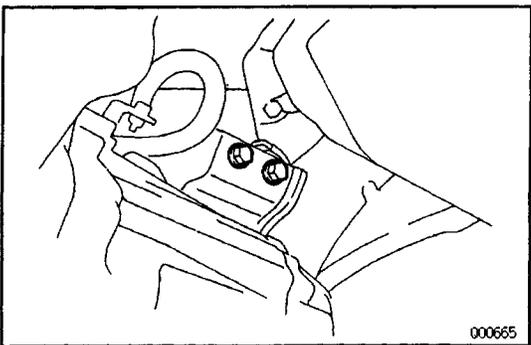
19. REMOVE FRONT EXHAUST PIPE

- Remove the three nuts.
- Remove the two bolts.
- Loosen the bolt, and disconnect the clamp from the support bracket.
- Disconnect the support hock on the front exhaust pipe from the support bracket, and remove the front exhaust pipe.



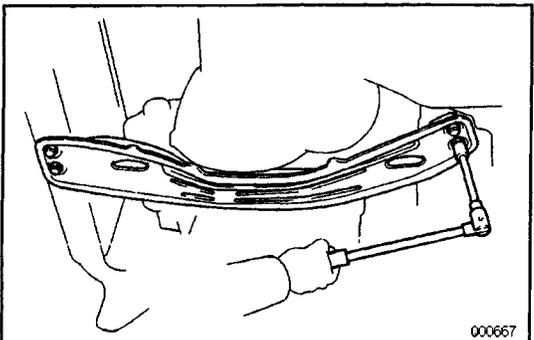
20. DISCONNECT ENGINE MOUNTING FROM CENTER CROSSMEMBER

Remove the two hole plugs and four bolts.



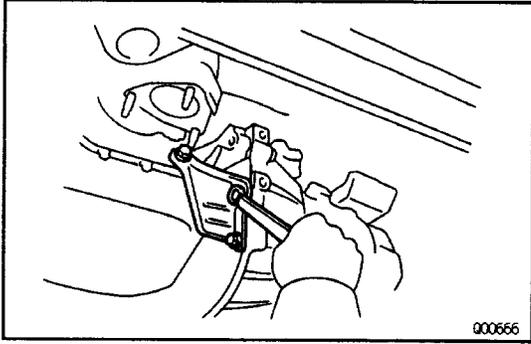
21. DISCONNECT ENGINE LEFT MOUNTING

Remove the two bolts.

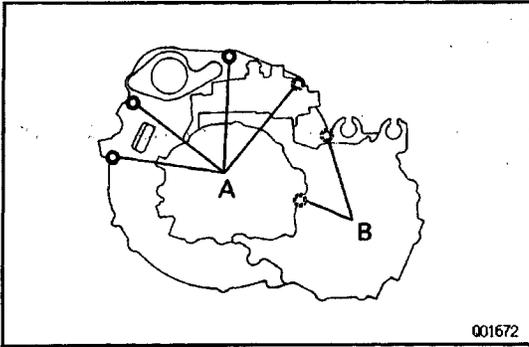


22. REMOVE CENTER CROSSMEMBER

- Raise the transaxle and engine slightly with a jack and wooden block in between.
- Remove the four bolts and center crossmember.

**23. REMOVE STIFFENER PLATE****24. REMOVE TRANSAXLE**

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



TRANSAXLE INSTALLATION

(See pages [MX-8](#))

1. INSTALL TRANSAXLE TO ENGINE

Align the input shaft spline with the clutch disc and install the transaxle to engine.

Bolt A

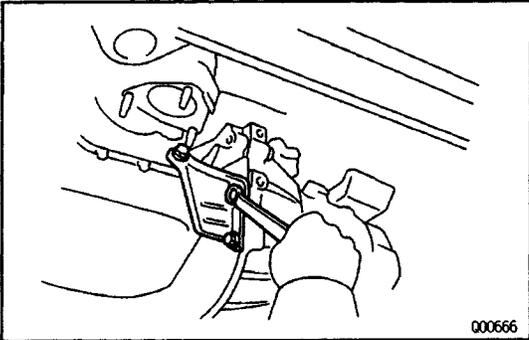
Torque: 64 N-m (650 kgf-cm, 47 ft-lbf)

Bolt B

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

2. INSTALL STIFFENER PLATE

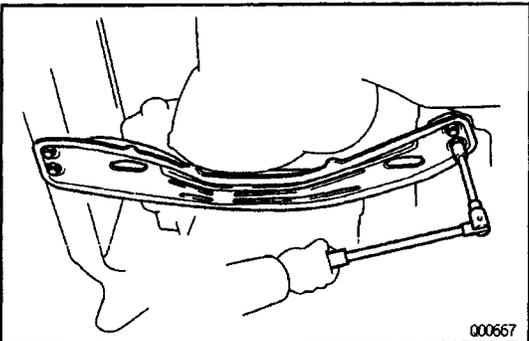
Torque: 37 N-m (380 kgf-cm, 27 ft-lbf)



3. INSTALL CENTER CROSSMEMBER

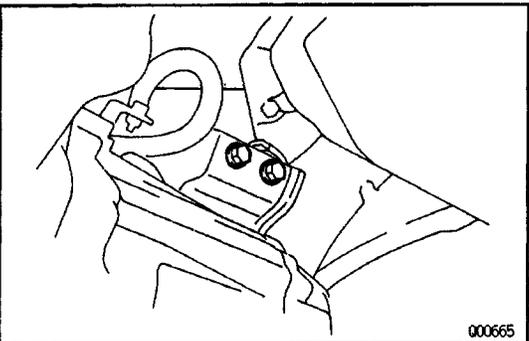
Install the center crossmember with the four bolts.

Torque: 52 N-m (530 kgf-cm, 38 ft-lbf)



4. CONNECT ENGINE LEFT MOUNTING

Torque: 63 N-m (650 kgf-cm, 47 ft-lbf)

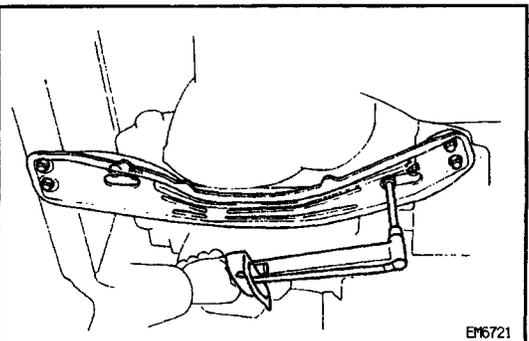


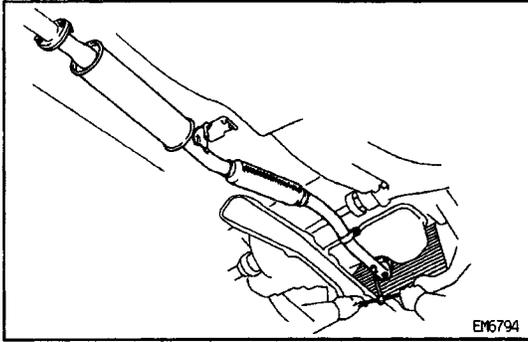
5. CONNECT ENGINE MOUNTING TO CENTER CROSSMEMBER

(a) Install and torque the four bolts.

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

(b) Install the two hole plugs.





6. INSTALL FRONT EXHAUST PIPE

(a) Install the support hook on the front exhaust pipe to the support bracket.

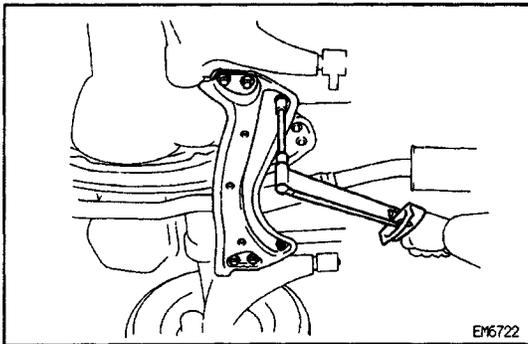
(b) Install and torque the three nuts.

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

(c) Install and torque the two bolts and nuts.

Torque: 43 N-m (440 kgf-cm, 32 ft-lbf)

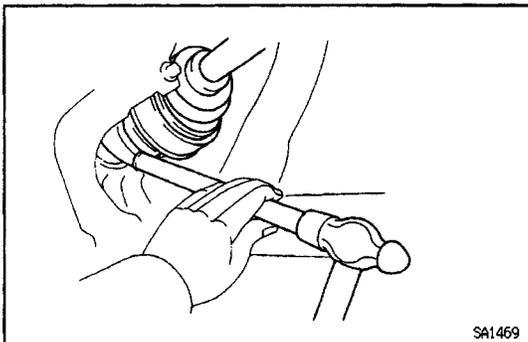
(d) Install the clamp with the bolt.



7. INSTALL LOWER CROSSMEMBER

Install the lower crossmember with the four bolts and two nuts.

Torque: 162 N-m (1,550 kgf-cm, 112 ft-lbf)



8. INSTALL DRIVE SHAFT

(See page [SA-30](#))

9. 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

Above -18° C (0° F) SAE 90

Below -18° C (0° F) SAE 75W

Capacity:

2.6 Liters (2.7 US qts, 2.3 Imp.pts)

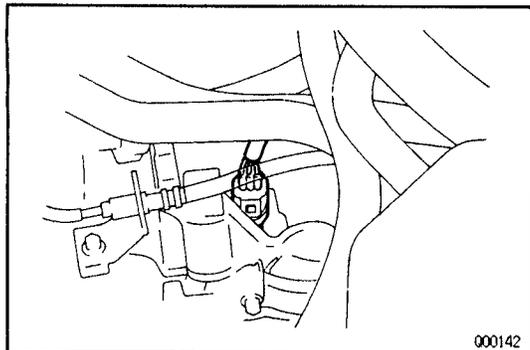
10. INSTALL UNDER COVERS

11. INSTALL FRONT WHEEL AND LOWER VEHICLE

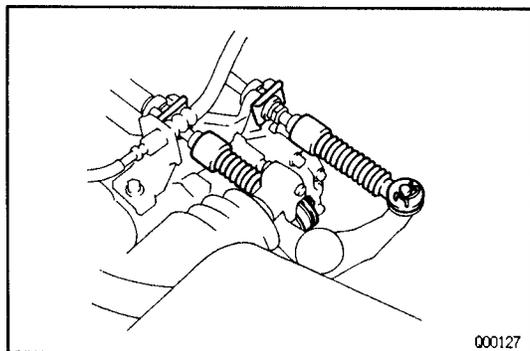
Torque: 103 N-m (1,050 kgf-cm, 76 ft-lbf)

12. INSTALL ENGINE LEFT MOUNTING BOLTS OF ENGINE LEFT MOUNTING UPPER SIDE

Torque: 63 N-m (650 kgf-cm, 47 ft-lbf)

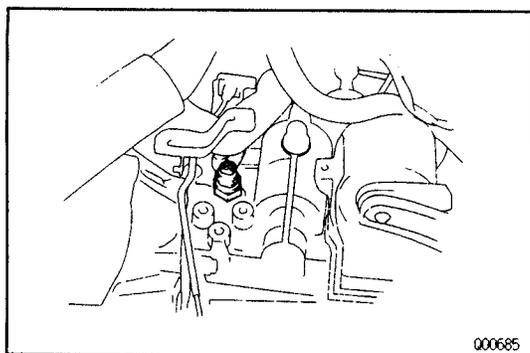


13. CONNECT VEHICLE SPEED SENSOR CONNECTOR

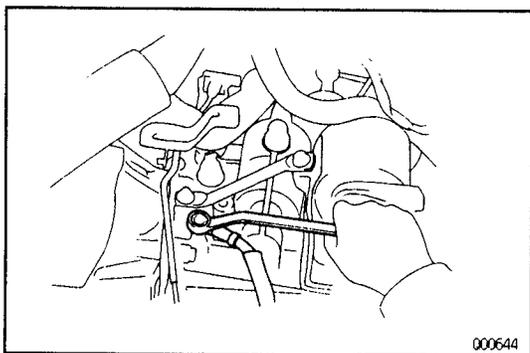


14. CONNECT CONTROL CABLES

- (a) Install the retainer to the cables.
- (b) Connect the cables to the linkage with washers and clips.

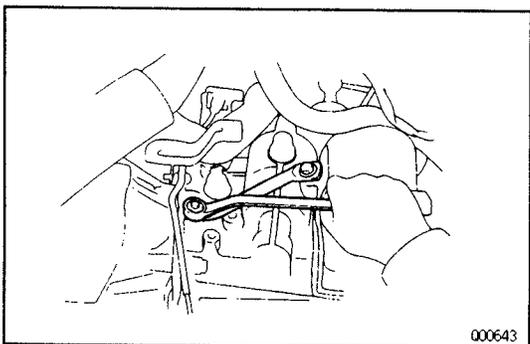


15. CONNECT BACK-UP LIGHT SWITCH CONNECTOR



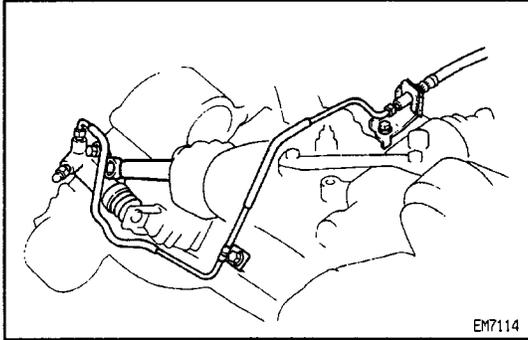
16. INSTALL EARTH CABLE

Torque: 21 N-m (210 kgf-cm, 15 ft-lbf)

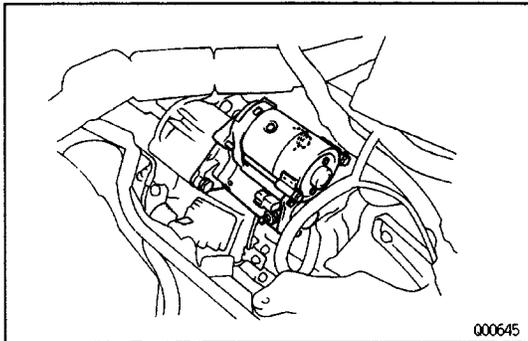


17. INSTALL ENGINE MOUNTING LEFT STAY

Install the mounting left stay with the bolt and nut.
 Torque: 21 N-m (210 kgf-cm, 15 ft-lbf)

**18. INSTALL CLUTCH RELEASE CYLINDER**

Install the release cylinder and tube with the four bolts.

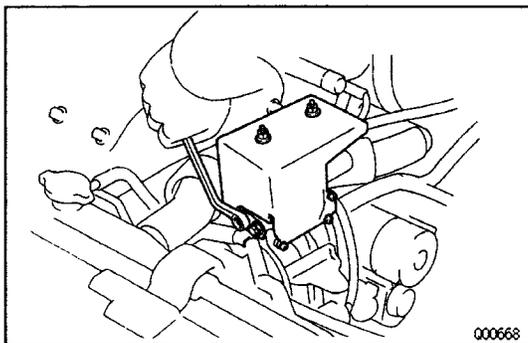
**19. INSTALL STARTER**

(a) Install the starter with the two bolts.

Torque: 39 N-m (400 kgf-cm, 29 ft-lbf)

(b) Connect the starter wire with the nut.

(c) Connect the starter connector.

**20. INSTALL CRUISE CONTROL ACTUATOR**

(a) Install the cruise control actuator with bracket the four bolts.

(b) Connect the connector.

21. INSTALL AIR CLEANER CASE ASSEMBLY WITH AIR HOSE**22. INSTALL NEGATIVE BATTERY CABLE****23. INSPECT FRONT WHEEL ALIGNMENT**

(See page [SA-4](#))

24. PERFORM ROAD TEST

Check for abnormal noise and smooth shifting.