

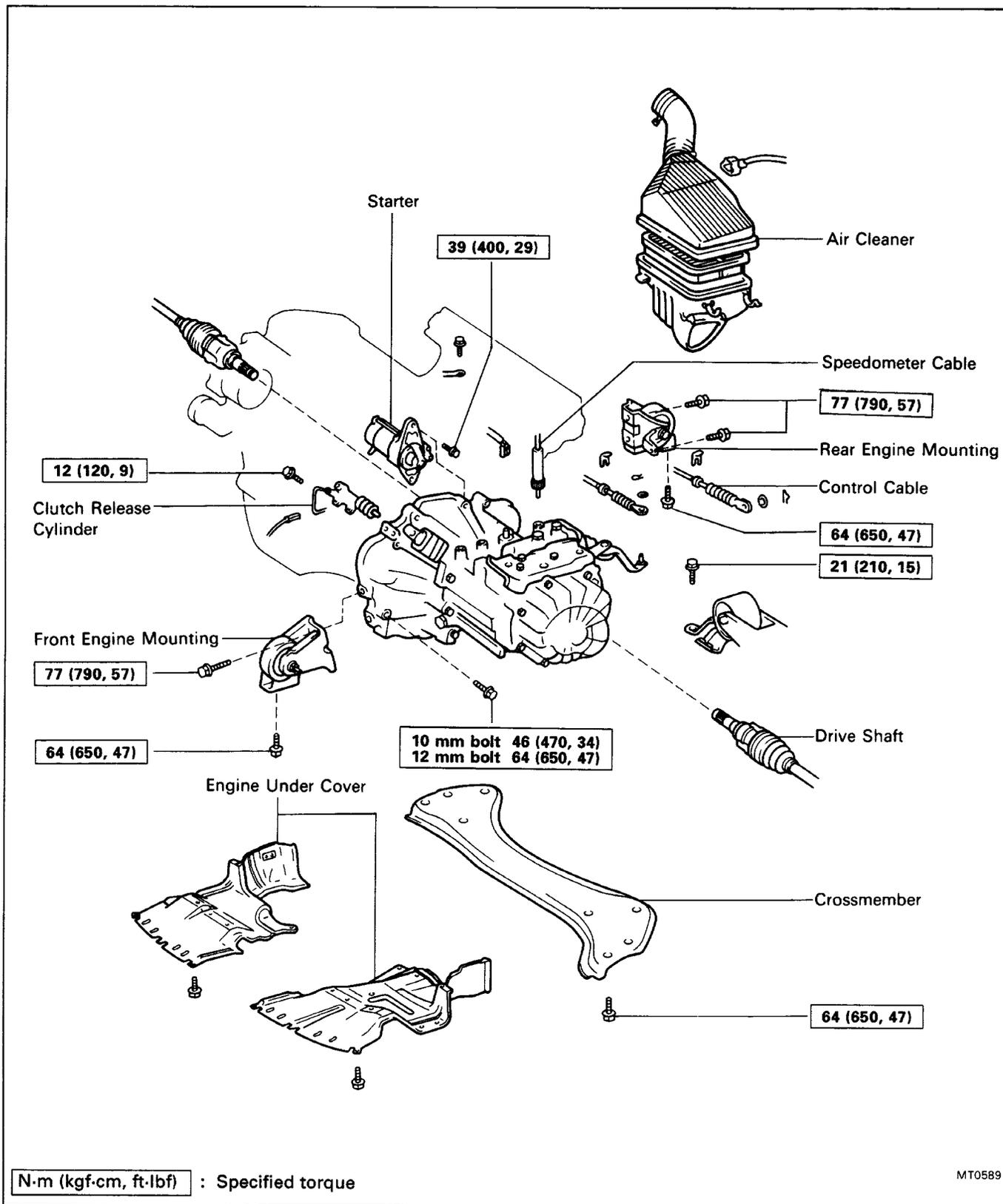
REMOVAL AND INSTALLATION OF TRANSAXLE

Remove and install the parts as shown.

HINT:

Oil capacity C52 and S53

2.6 liters (2.7 US qts, 2.3 Imp. qts)



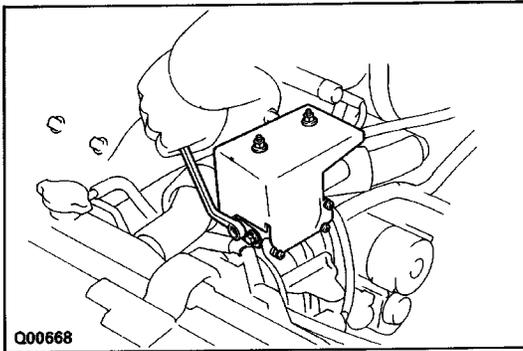
REMOVAL OF TRANSAXLE

1. REMOVE NEGATIVE BATTERY CABLE

2. REMOVE AIR CLEANER CASE ASSEMBLY WITH AIR HOSE

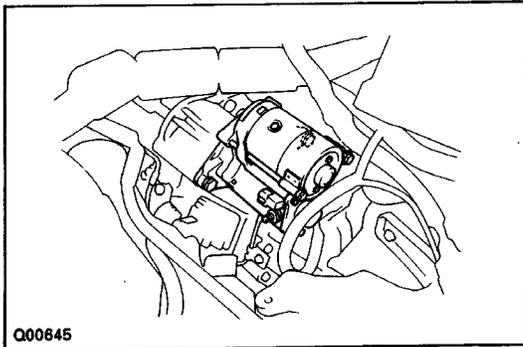
3. REMOVE CRUISE CONTROL ACTUATOR

- (a) Disconnect the connector.
- (b) Remove the four bolts and control actuator with bracket.



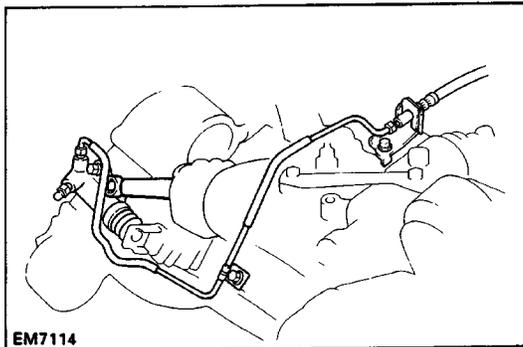
4. REMOVE STARTER

- (a) Disconnect the connector and wire from the starter.
- (b) Remove the two bolts—and starter.



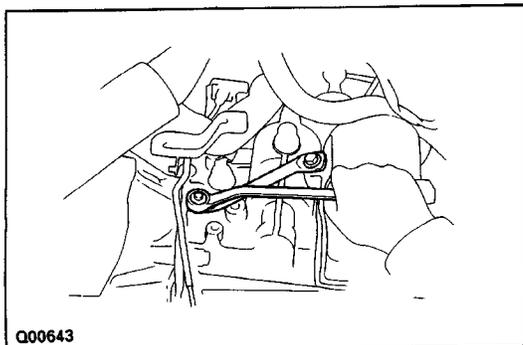
5. REMOVE CLUTCH RELEASE CYLINDER WITHOUT DISCONNECTING TUBE

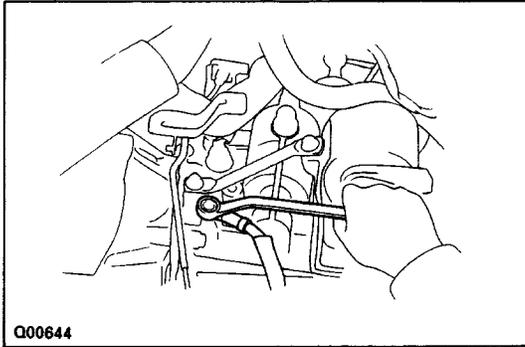
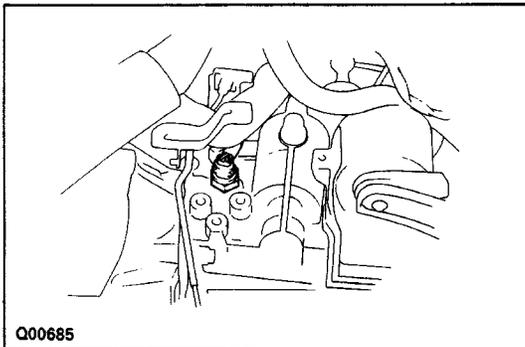
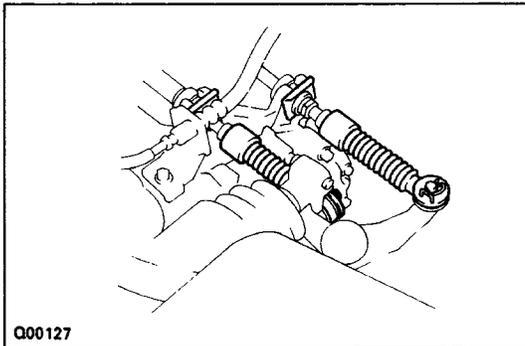
Remove the four bolts, release cylinder and tube from the transaxle.



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**

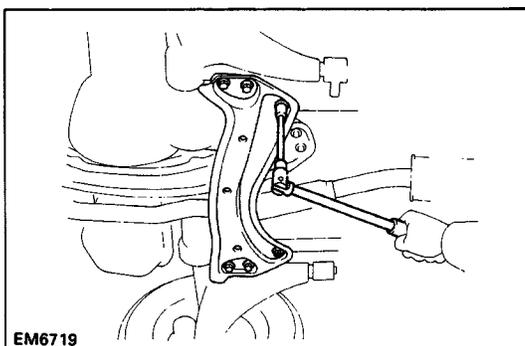
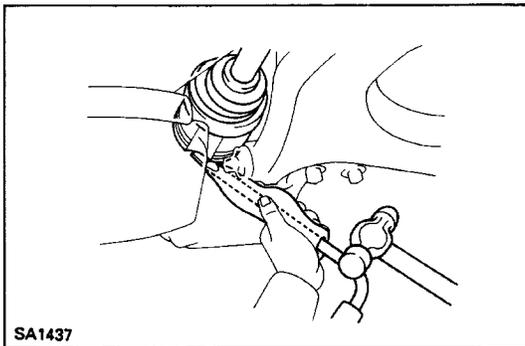
- (a) Remove the clips and washers.
- (b) Remove the retainer from the cables.

10. DISCONNECT SPEEDOMETER CABLE**11. REMOVE TRANSAXLE MOUNTING BOLTS OF TRANSAXLE CASE UPPER SIDE****12. REMOVE ENGINE LEFT MOUNTING BOLTS OF ENGINE LEFT MOUNTING UPPER SIDE****13. REMOVE FRONT WHEEL****14. RAISE VEHICLE**

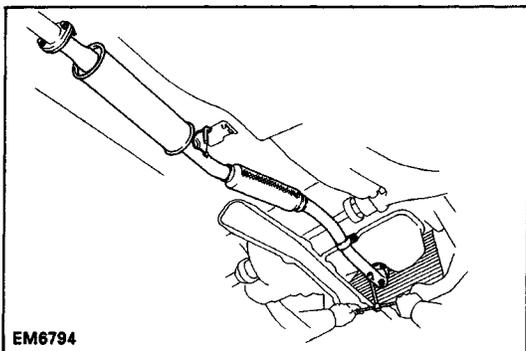
NOTICE: Be sure the vehicle is securely supported.

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

(See page [SA-17](#), [18](#))

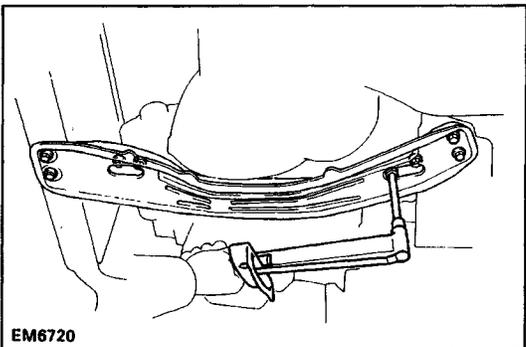
**18. REMOVE LOWER CROSSMEMBER**

Remove the four bolts, two nuts and lower cross-member.



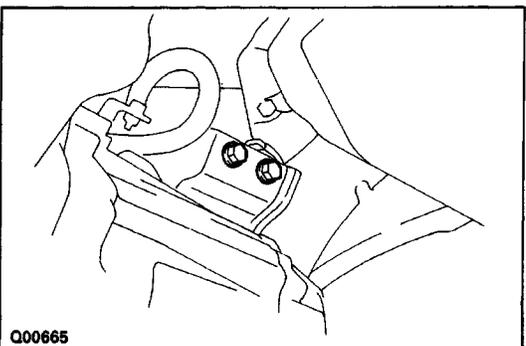
19. REMOVE FRONT EXHAUST PIPE

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



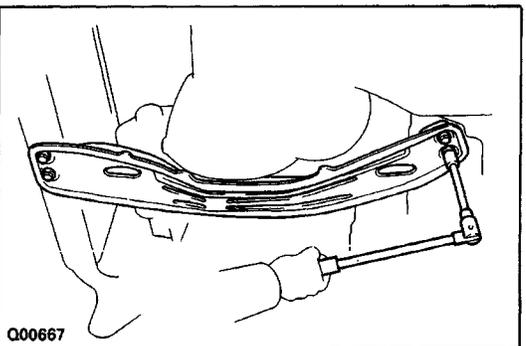
20. DISCONNECT ENGINE MOUNTING FROM CENTER MEMBER

Remove the two hole plugs and four bolts.



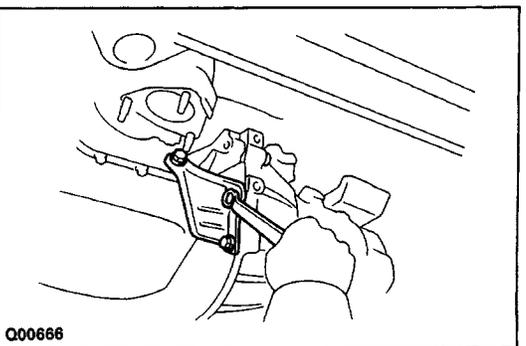
21. DISCONNECT ENGINE LEFT MOUNTING

Remove the two bolts.



22. REMOVE CENTER MEMBER

- (a) Raise the transaxle and engine slightly with a hock and wooden block in between.
- (b) Remove the four bolts and center member.



23. REMOVE STIFFENER PLATE

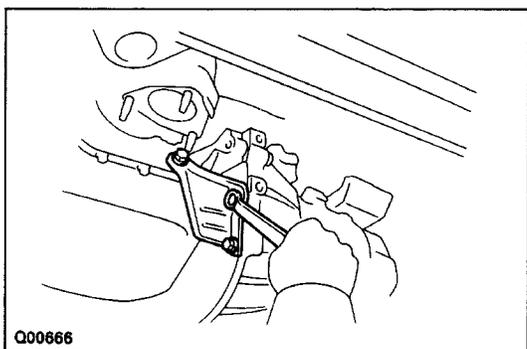
24. REMOVE TRANSAXLE

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

INSTALLATION OF TRANSAXLE

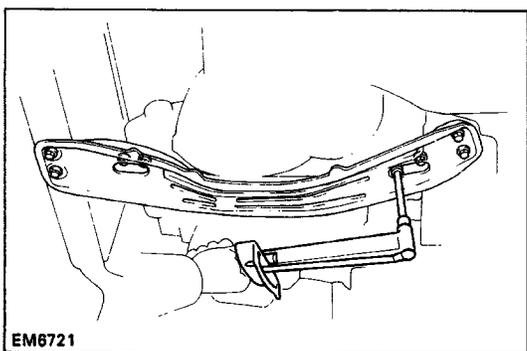
1. INSTALL TRANSAXLE TO ENGINE

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



2. INSTALL STIFFENER PLATE

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



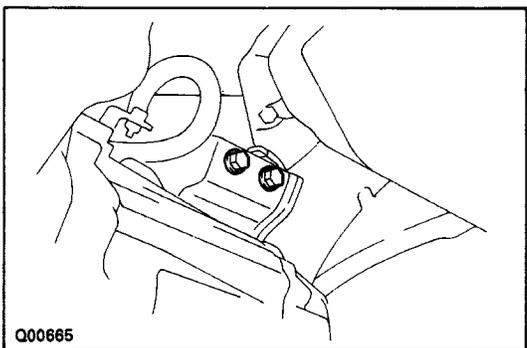
3. INSTALL CENTER MEMBER

- (a) Install the center member with the four bolts.

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

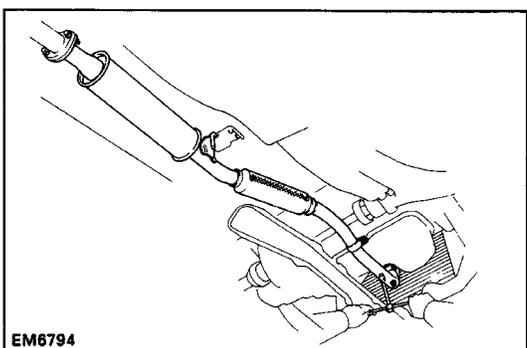
- (b) Install and torque the four bolts holding the insulators to the center member.

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



4. CONNECT ENGINE LEFT MOUNTING

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



5. INSTALL FRONT EXHAUST PIPE

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

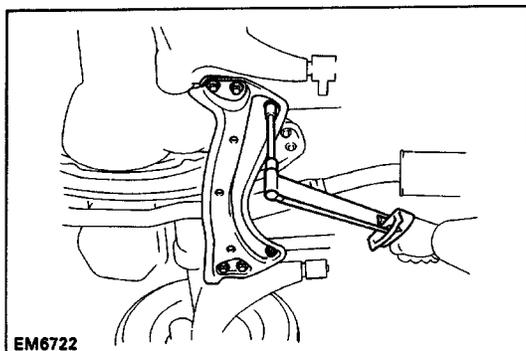
- (b) Install and torque the three nuts.

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)

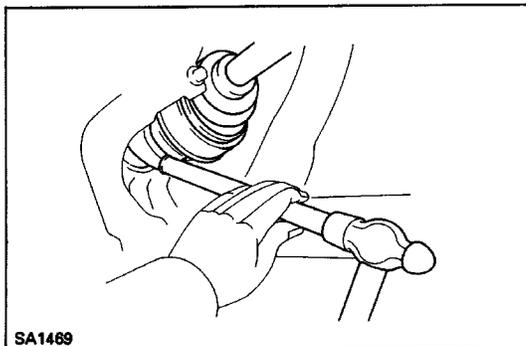
- (d) Install the clamp with the bolt.



6. INSTALL LOWER CROSSMEMBER

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

Torque: 152 N-m (1,550 kgf-cm, 112 ft-lbf)



7. INSTALL DRIVE SHAFT

(See page SA-17, 18)

8. FILL TRANSAXLE WITH GEAR OIL

Oil: Gear oil super (08885-02106) or equivalent

Recommended oil

Oil grade:

API GL-3, 4 or 5

Viscosity:

SAE 75W-90

Above-18°C (0°F) SAE 90

Below-18°C (0°F) SAE 75w

9. INSTALL UNDER COVERS

10. INSTALL FRONT WHEEL AND LOWER VEHICLE

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

11. INSTALL ENGINE LEFT MOUNTING BOLTS OF ENGINE

LEFT MOUNTING UPPER SIDE

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

12. INSTALL TRANSAXLE MOUNTING BOLTS OF

TRANSAXLE CASE UPPER SIDE

Torque: 10 mm bolt 46 N-m (470 kgf-cm, 34 ft-lbf)

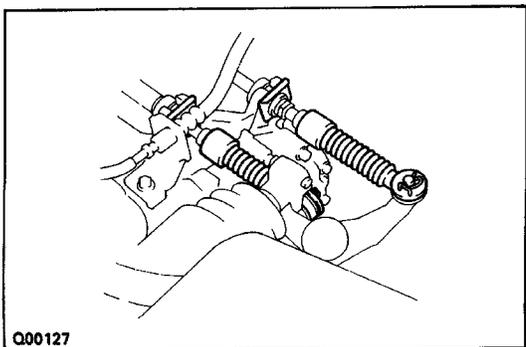
12 mm bolt 64 N-m (650 kgf-cm, 47 ft-lbf)

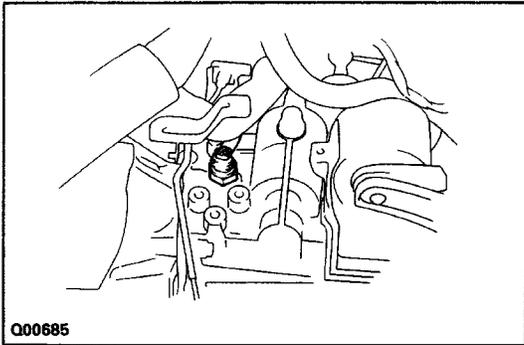
13. CONNECT SPEEDOMETER CABLE

14. CONNECT CONTROL CABLES

(a) Install the retainer to the cables.

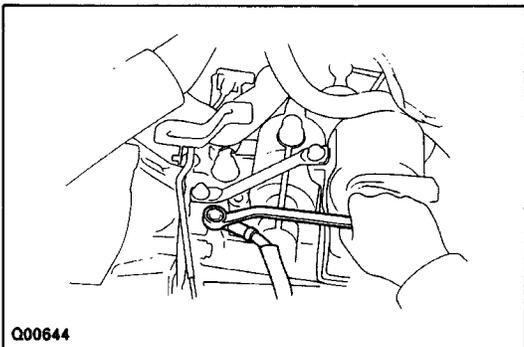
(b) Connect the cables to the linkage with washers and clips.





Q00685

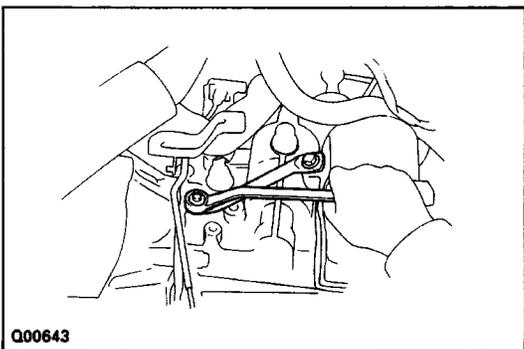
15. CONNECT BACK-UP LIGHT SWITCH CONNECTOR



Q00644

16. INSTALL EACH CABLE

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

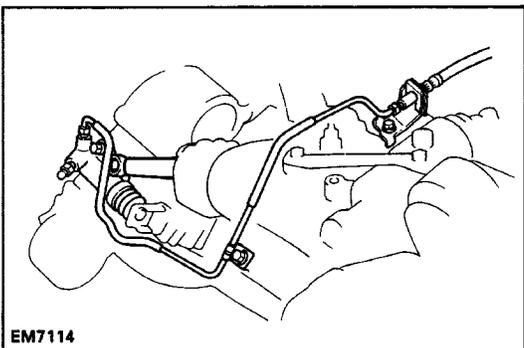


Q00643

17. INSTALL ENGINE MOUNTING LEFT STAY

Install the mounting left stay with the bolt and nut.

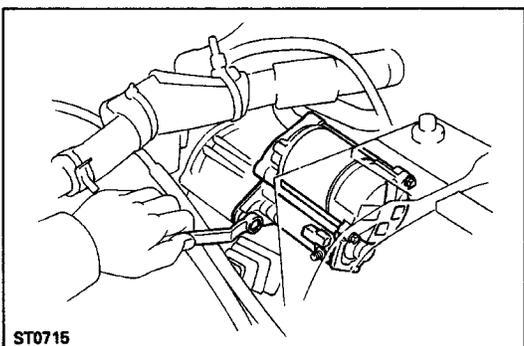
Torque: 21 N-m (210 kgf-cm, 15 ft-lbf)



EM7114

18. INSTALL CLUTCH RELEASE CYLINDER

Install the release cylinder and tube with the four bolts.



ST0715

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.

(e) 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. BLEEDING OF CLUTCH SYSTEM**

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

24. PERFORM ROAD TEST

Check for abnormal noise and smooth shifting.