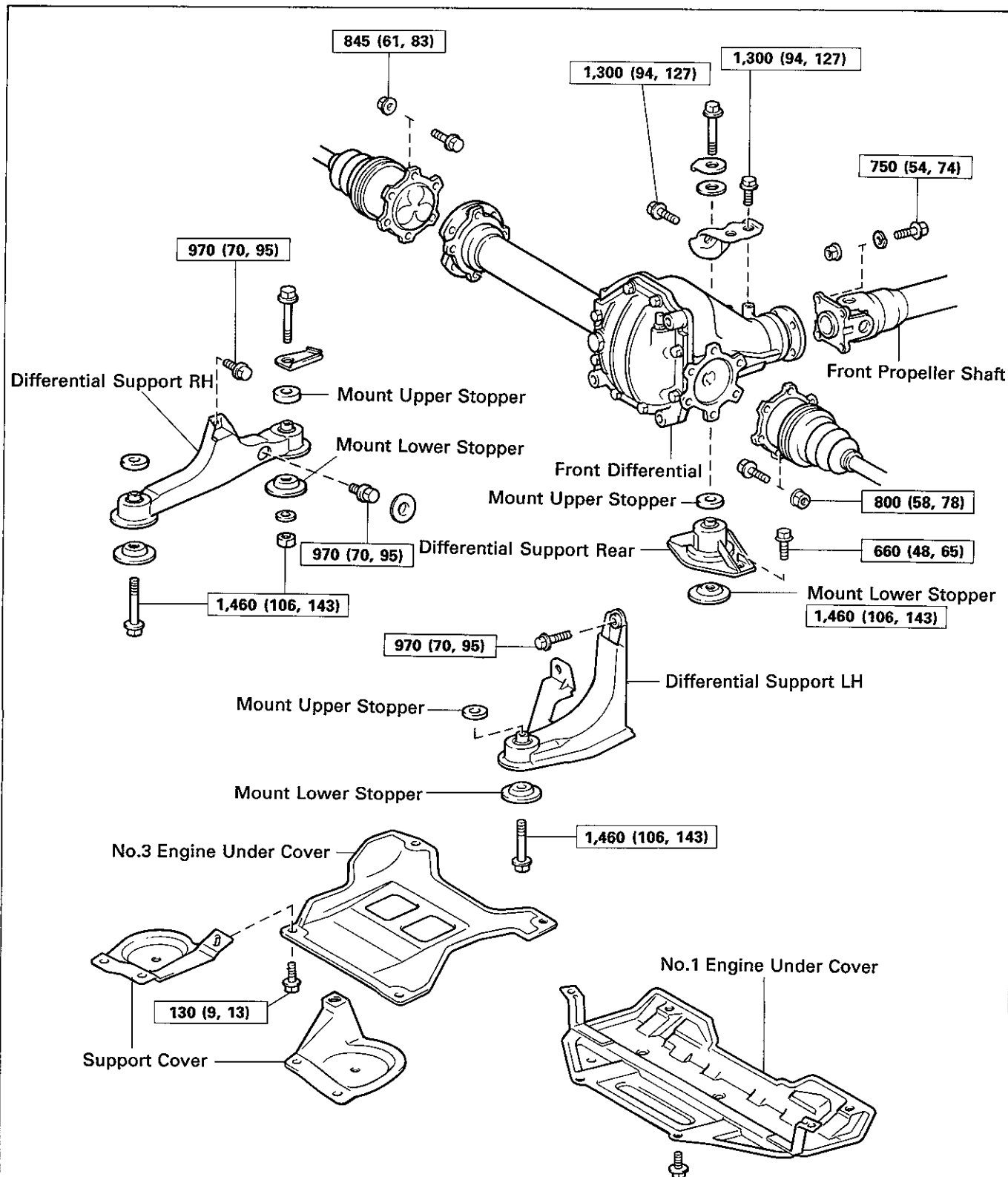
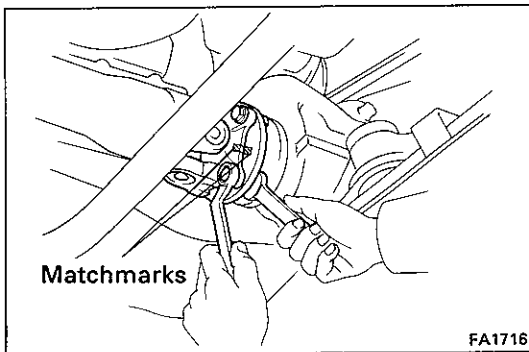


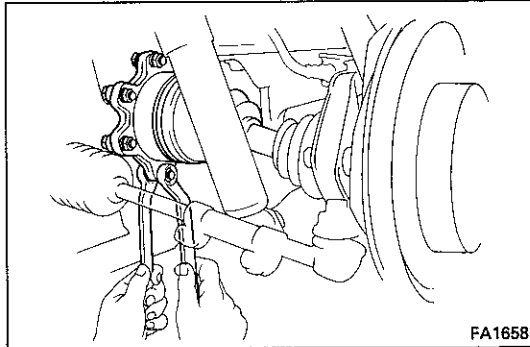
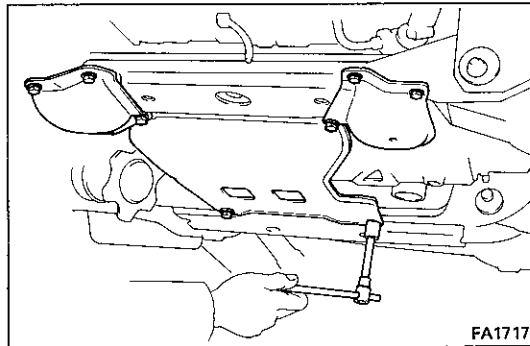
Removal and Installation of Front Differential

COMPONENTS

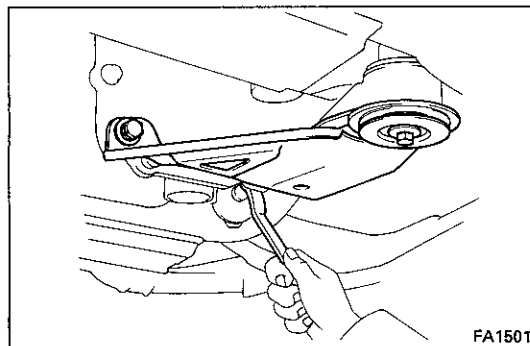
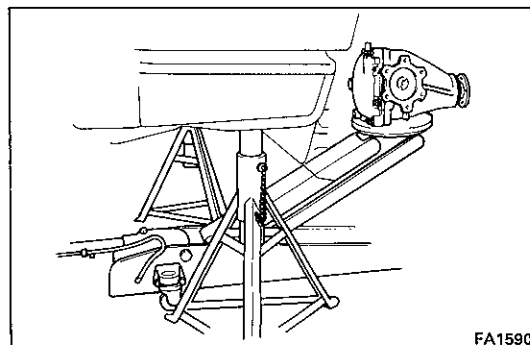


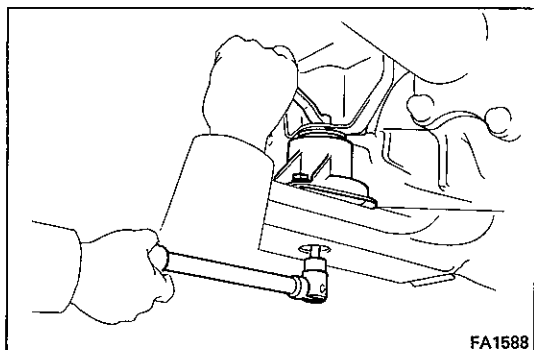
REMOVAL OF FRONT DIFFERENTIAL**1. DRAIN DIFFERENTIAL OIL****2. DISCONNECT FRONT PROPELLER SHAFT**
(See page PR-3)**3. DISCONNECT DRIVE SHAFTS FROM SIDE GEAR SHAFTS**

Remove the six bolts and nuts holding the drive shaft and side gear shaft.

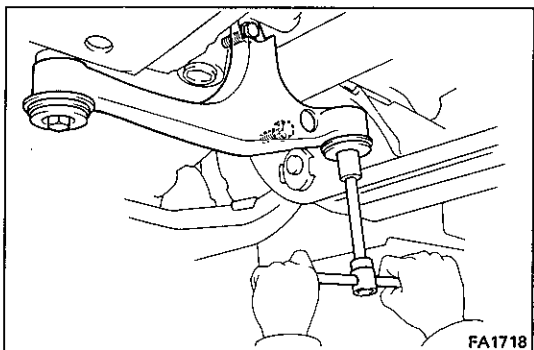
**4. REMOVE LH AND RH SUPPORT COVERS****5. REMOVE NO.1 AND NO.3 ENGINE UNDER COVERS****6. REMOVE LH SUPPORT**

Remove the four bolts and LH support.

**7. SUPPORT FRONT DIFFERENTIAL WITH JACK**

**8. REMOVE REAR SUPPORT BOLT**

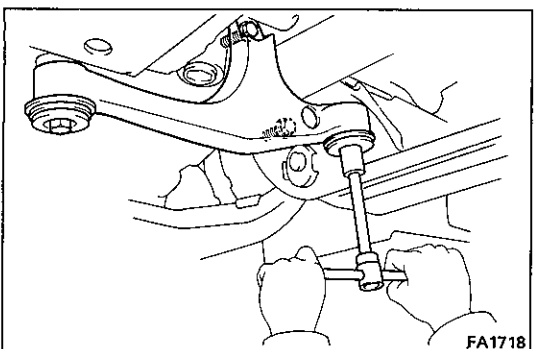
Remove the bolt holding the rear support to the crossmember.

**9. REMOVE RH SUPPORT**

Remove the four bolts and RH support.

10. REMOVE FRONT DIFFERENTIAL ASSEMBLY

Lower the jack and remove the front differential assembly.

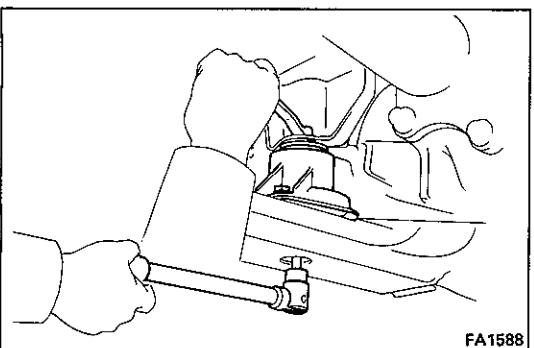
**INSTALLATION OF FRONT DIFFERENTIAL****1. JACK UP FRONT DIFFERENTIAL ASSEMBLY****2. INSTALL RH SUPPORT**

Install the RH support with the four bolts.

Torque:

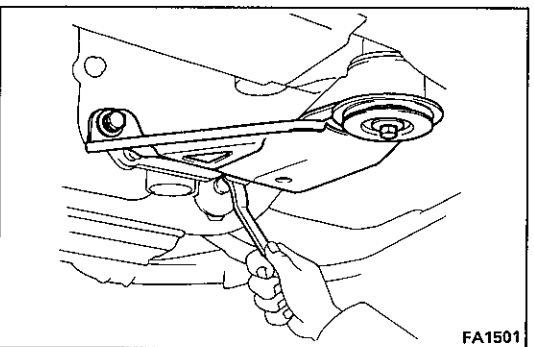
Differential side 970 kg-cm (70 ft-lb, 95 N-m)

Member side 1,460 kg-cm (106 ft-lb, 143 N-m)

**3. INSTALL REAR SUPPORT BOLT**

Install the bolt holding the rear support to the crossmember.

Torque: 1,460 kg-cm (106 ft-lb, 143 N-m)

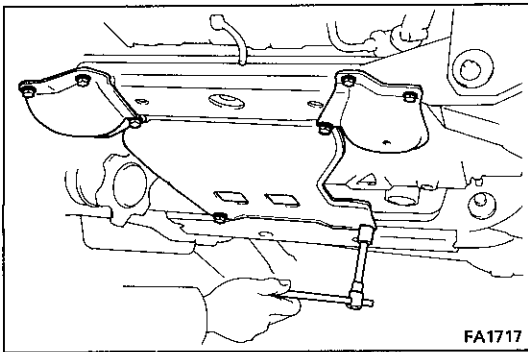
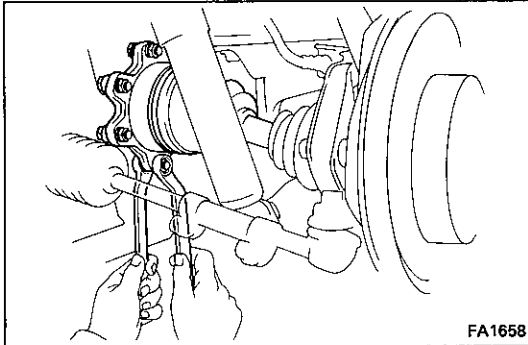
**4. INSTALL LH SUPPORT**

Install LH support with the four bolts.

Torque:

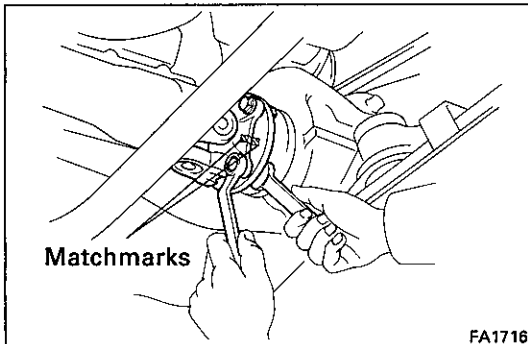
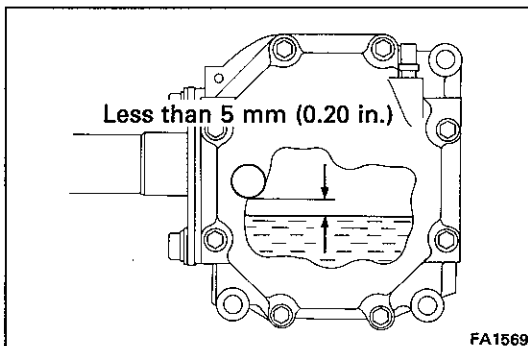
Differential side 970 kg-cm (70 ft-lb, 95 N-m)

Member side 1,460 kg-cm (106 ft-lb, 143 N-m)

**5. INSTALL NO.1 AND NO.2 ENGINE UNDER COVERS****6. INSTALL LH AND RH SUPPORT COVERS****7. CONNECT DRIVE SHAFTS TO SIDE GEAR SHAFTS**

- (a) Connect the drive shaft to the side gear shaft with the six bolts and nuts.
- (b) Torque the bolts and nuts.

Torque: 845 kg-cm (61 ft-lb, 83 N-m)

**8. CONNECT FRONT PROPELLER SHAFT TO COMPANION FLANGE**
(See page PR-4)**9. FILL DIFFERENTIAL WITH GEAR OIL**

Fill with hypoid gear oil.

Oil type: Hypoid gear oil API GL-5

Recommended oil viscosity:

Above - 18°C (0°F) SAE 90

Below - 18°C (0°F) SAE 80W or 80W-90

Capacity: 1.6 liters (1.7 US qts, 1.4 Imp. qts)