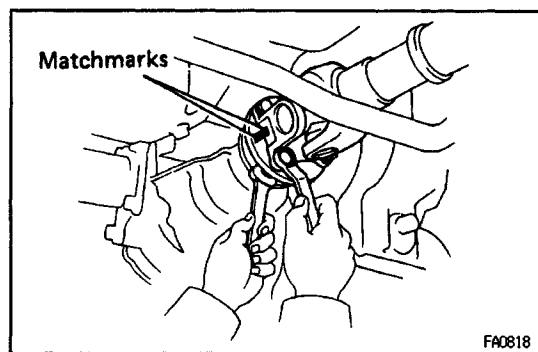
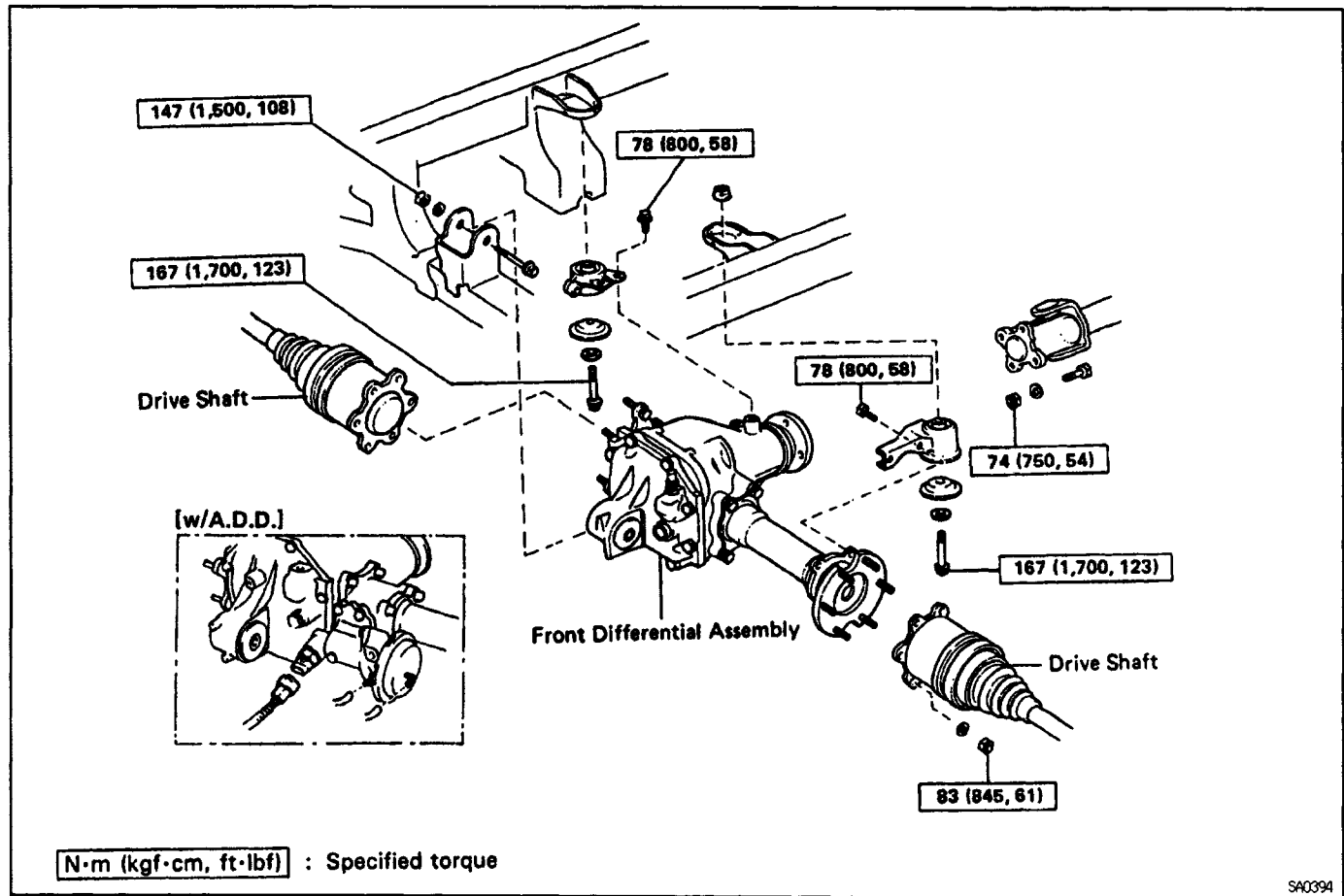


# ASSEMBLY REMOVAL AND INSTALLATION COMPONENTS

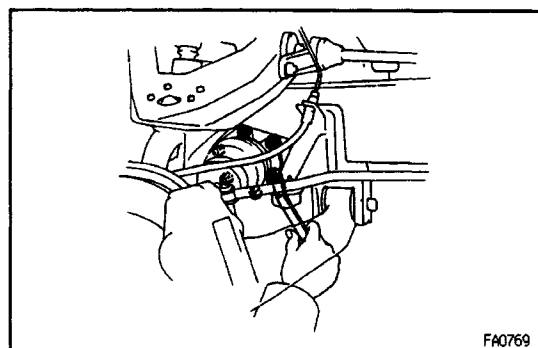


## FRONT DIFFERENTIAL REMOVAL

### 1. DRAIN DIFFERENTIAL OIL

### 2. DISCONNECT FRONT PROPELLER SHAFT

- Place matchmarks on the flanges.
- Remove the 4 nuts, washers and bolts, disconnect the front propeller shaft.

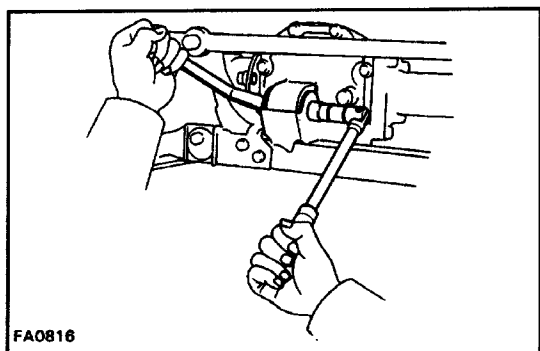


### 3. DISCONNECT DRIVE SHAFTS FROM SIDE GEAR SHAFT

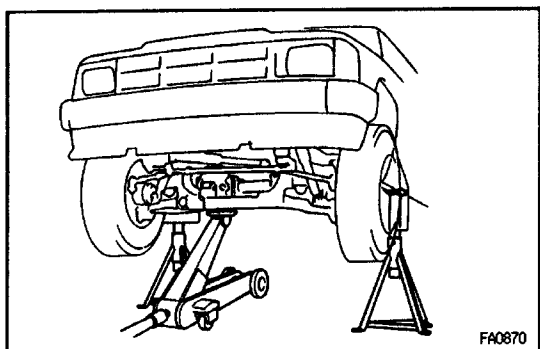
Loosen the 6 nuts, while depressing the brake pedal, and disconnect the drive shafts from the side gear shaft.

### 4. w/ A.D.D.:

**DISCONNECT VACUUM HOSES AND 4WD INDICATOR SWITCH CONNECTOR**

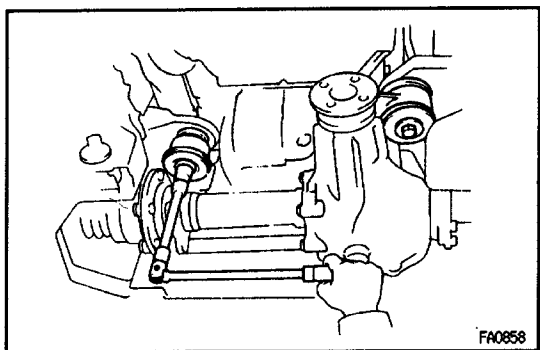


## 5. REMOVE FRONT DIFFERENTIAL FRONT MOUNTING BOLT AND NUT



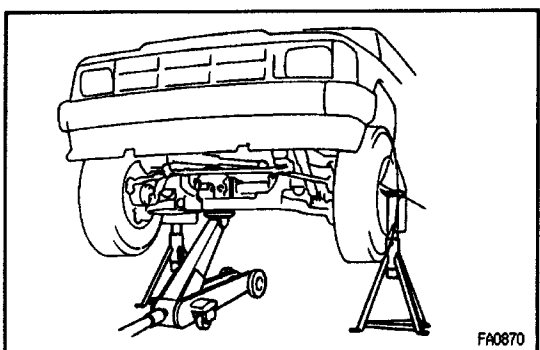
## 6. REMOVE FRONT DIFFERENTIAL ASSEMBLY

(a) Support the front differential with a jack.



(b) Remove the left and right rear mounting bolts, and remove the front differential.

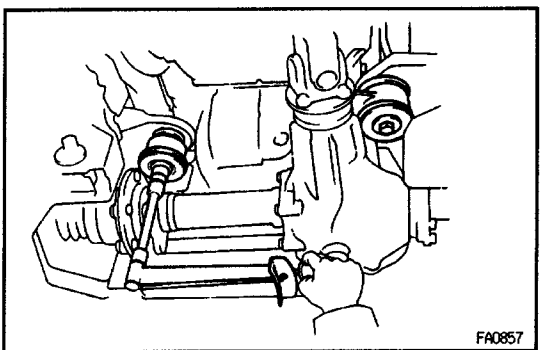
(c) Lower the jack and remove the differential assembly.



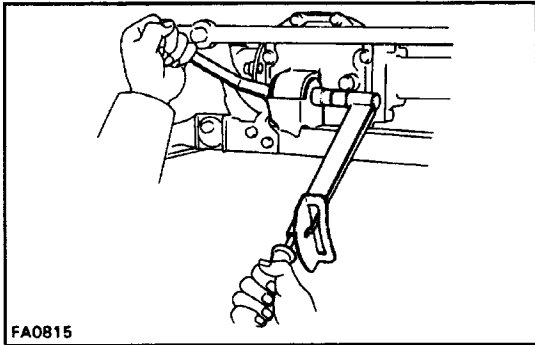
## FRONT DIFFERENTIAL INSTALLATION

### 1. INSTALL FRONT DIFFERENTIAL ASSEMBLY

(a) Install the front differential to the frame, and support with a jack.

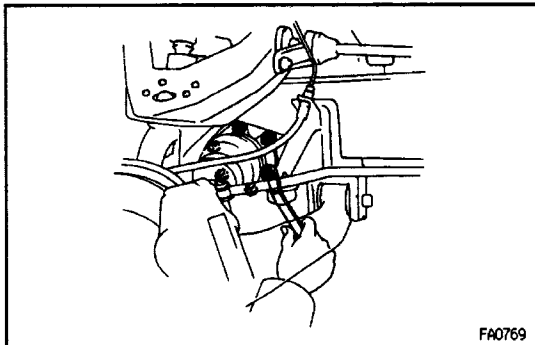


(b) Install and torque the left and right rear mounting bolts.  
Torque: 167 N-m (1,700 kgf-cm, 123 ft-lbf)



## 2. INSTALL DIFFERENTIAL FRONT MOUNTING BOLT AND NUT

Torque: 147 N-m (1,500 kgf-cm, 108 ft-lbf)



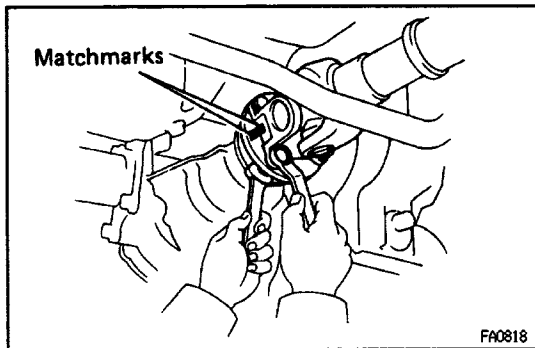
## 3. w/ A.D.D.:

**CONNECT VACUUM HOSES AND 4WD INDICATOR SWITCH CONNECTOR**

## 4. CONNECT DRIVE SHAFTS TO SIDE GEAR SHAFT

Connect the drive shafts to the side gear shaft, and install and torque the nuts while depressing the brake pedal.

Torque: 83 N-m (845 kgf-cm, 61 ft-lbf)

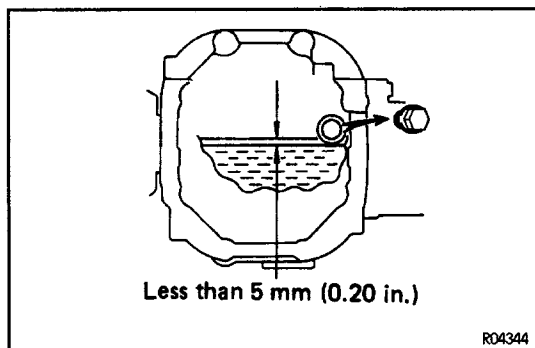


## 5. CONNECT FRONT PROPELLER SHAFT

(a) Align the matchmarks and connect the propeller shaft to the flange with the 4 bolts, washers and nuts.

(b) Torque the bolts.

Torque: 74 N-m (750 kgf-cm, 54 ft-lbf)



## 6. FILL DIFFERENTIAL WITH GEAR OIL

w/ A. D. D.:

Oil type:

Hypoid gear oil API GL-5

Recommended oil viscosity:

SAE 75W-90

Capacity:

1.86 liters (1.97 US qts, 1.64 Imp.qts)

w/o A.D.D.:

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:

1.60 liters (1.69 US qts, 1.41 Imp.qts)