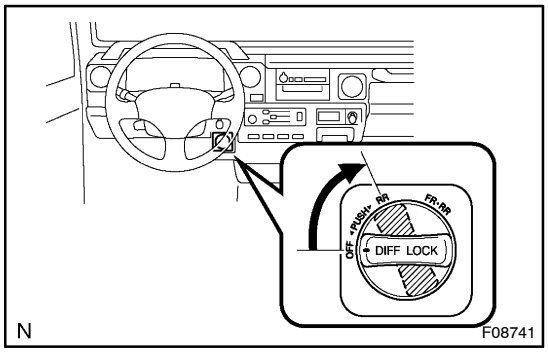
SA1QK–01

REMOVAL

1. LOCK REAR DIFFERENTIAL

(a) Turn the ignition switch to the ON position.

(b) Push on the 4WD switch.



(c) Turn the differential lock control switch to the RR position and lock the rear differential.

HINT:

Rotate the rear wheels to check they are in differential lock condition.

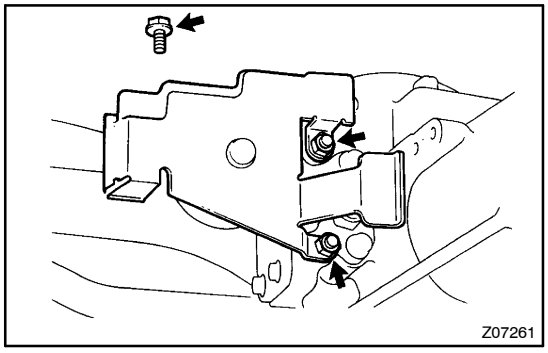
(d) Disconnect the cable from the negative terminal of the battery.

2. DRAIN HYPOID GEAR OIL

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

3. REMOVE REAR AXLE SHAFTS

(See Pub. No. RM183E on page SA–118)



4. REMOVE ACTUATOR PROTECTOR

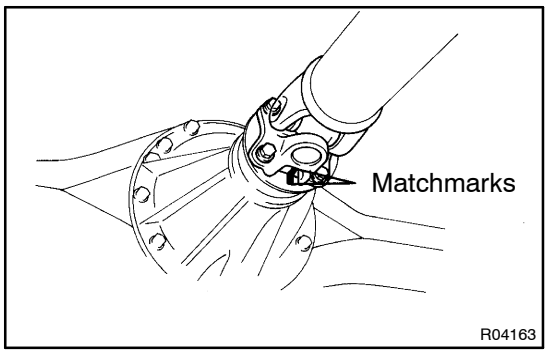
Remove the bolt, 2 nuts and protector.

Torque:

Nut: 20 N·m (200 kgf·cm, 14 ft·lbf)

Bolt: 35 N·m (360 kgf·cm, 26 ft·lbf)

5. DISCONNECT CONNECTORS AND HOSE



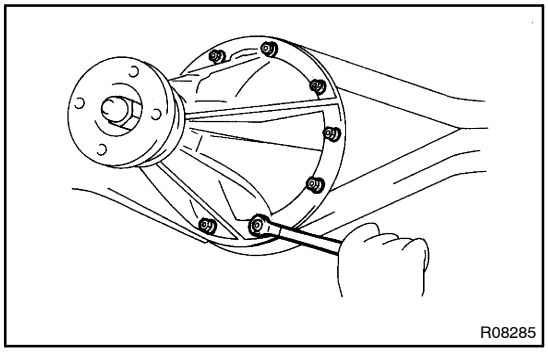
6. DISCONNECT REAR PROPELLER SHAFT

(a) Place matchmarks on the rear propeller shaft and companion flange.

(b) Remove the 4 nuts, washers, bolts and disconnect the propeller shaft.

Torque: 88 N·m (900 kgf·cm, 65 ft·lbf)

(c) Support the propeller shaft securely.



7. REMOVE DIFFERENTIAL CARRIER ASSEMBLY

(a) Remove the 10 nuts, washers and differential carrier assembly.

Torque: 72 N·m (740 kgf·cm, 53 ft·lbf)

NOTICE:

Be careful not to damage the installation surface.

(b) Remove the gasket.

HINT:

At the time of installation, please refer to the following items.

- Before installation, connect the connectors of the actuator to the connector on the vehicle side, check the differential lock is in operation.
- Before installation, check that the sleeves are in operation while switching over the differential lock control switch.
- After installation, check that the rear differential lock is in operation.