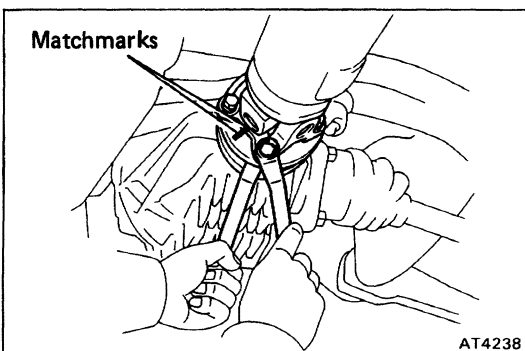
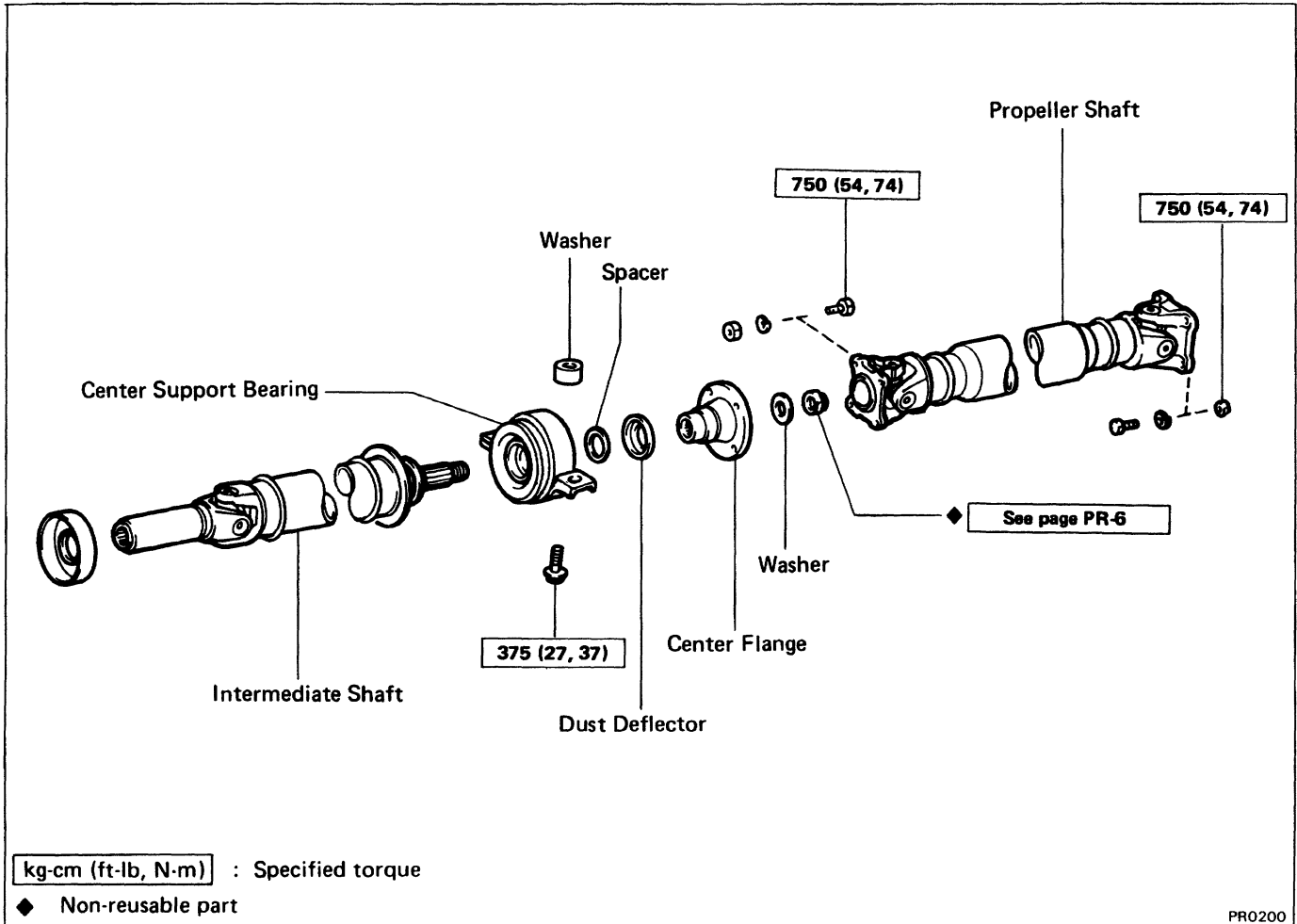


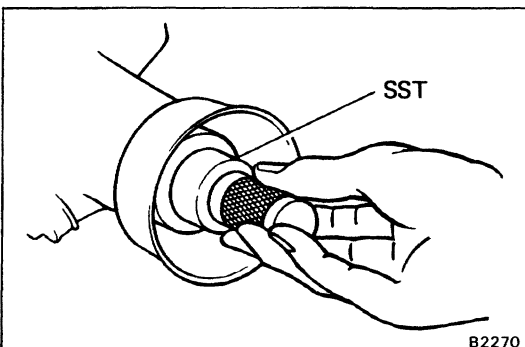
PROPELLER SHAFT COMPONENTS



REMOVAL OF PROPELLER SHAFT

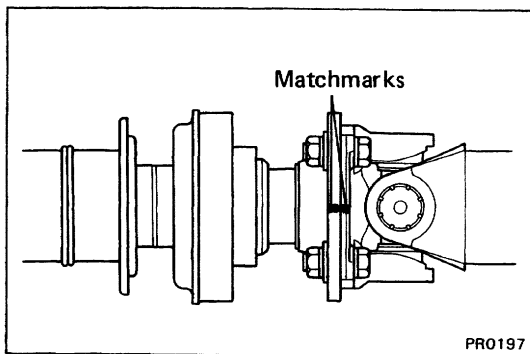
1. DISCONNECT PROPELLER SHAFT FLANGE FROM FLANGE ON DIFFERENTIAL

- Remove the reinforcement.
- Place matchmarks on the flanges.
- Remove the four bolts and nuts.



2. REMOVE PROPELLER SHAFT

- Remove two bolts from center support bearing.
- Pull the yoke from the transmission.
- Insert SST into the transmission to prevent oil leakage.
SST 09325-40010

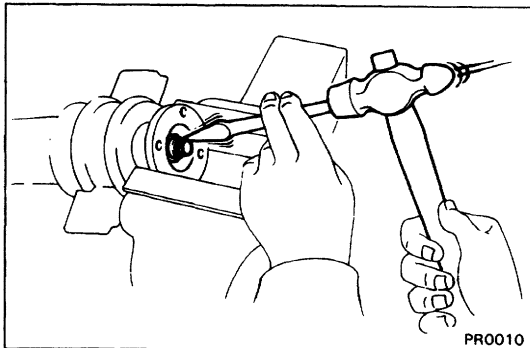


DISASSEMBLY OF PROPELLER SHAFT

(See page PR-3)

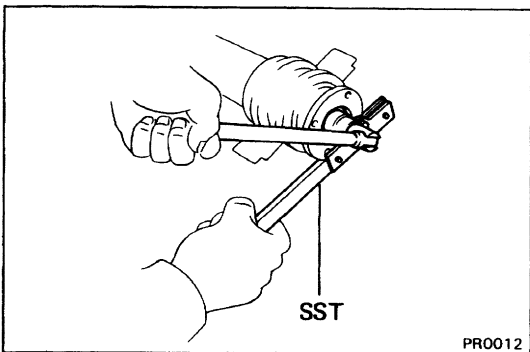
1. SEPARATE PROPELLER SHAFT FROM INTERMEDIATE SHAFT

- (a) Place matchmarks on the flanges.
- (b) Remove four bolts and nuts.

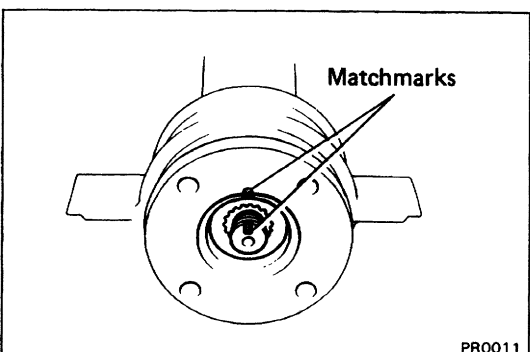


2. REMOVE CENTER SUPPORT BEARING FROM INTERMEDIATE SHAFT

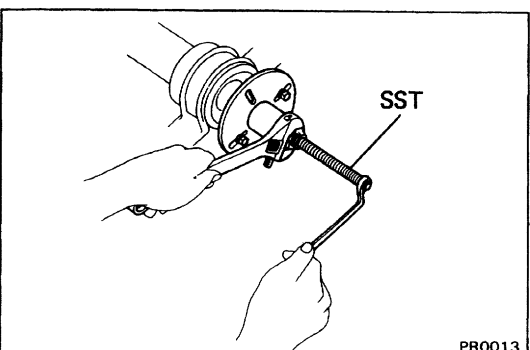
- (a) Using a hammer and chisel, loosen the staked part of the nut.



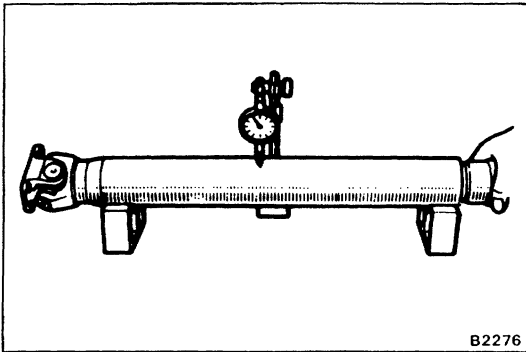
- (b) Using SST to hold the flange, remove the nut.
SST 09504-00011



- (c) Place matchmarks on the flange and shaft.



- (d) Using SST, remove the flange from the intermediate shaft.
SST 09557-22022



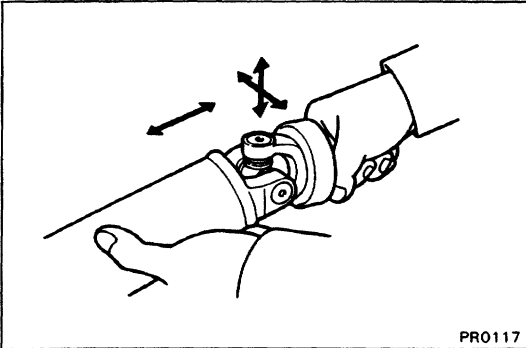
B2276

INSPECTION OF PROPELLER SHAFT

1. INSPECT PROPELLER AND INTERMEDIATE SHAFT FOR DAMAGE OR RUNOUT

If shaft runout is greater than maximum, replace the shaft.

Maximum runout: 0.8 mm (0.031 in.)



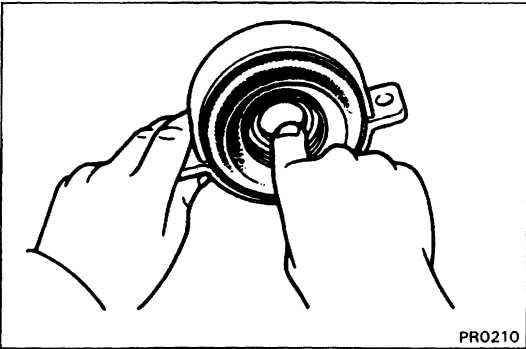
PR0117

2. INSPECT SPIDER BEARING

- (a) Inspect spider bearings for wear or damage.
- (b) Check the spider bearing axial play by turning the yoke while holding the shaft play.

Bearing axial play: 0 mm (0 in.)

If necessary, replace the propeller shaft.



PR0210

3. INSPECT CENTER SUPPORT BEARING FOR WEAR OR DAMAGE

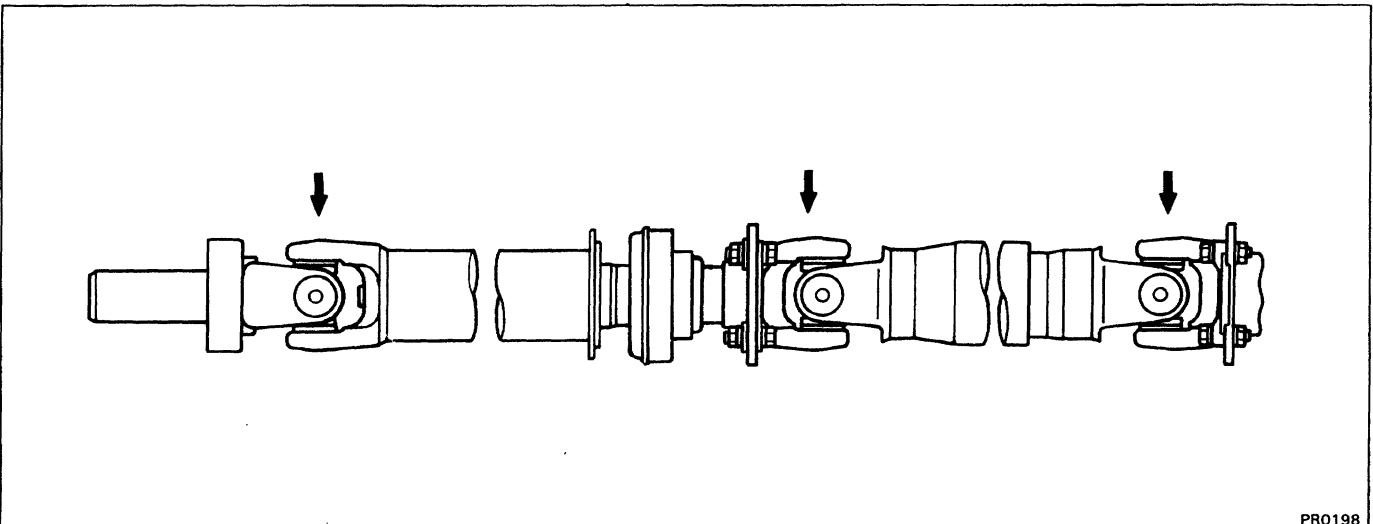
Check the crack or damage of cushion.

Check that the bearing turns freely.

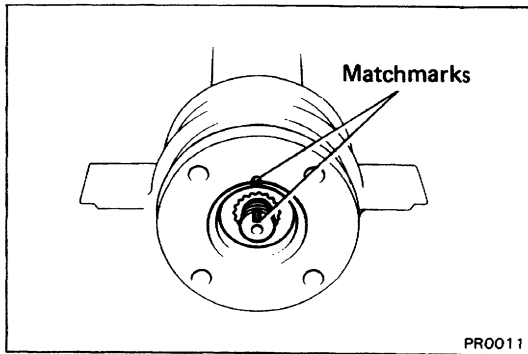
If the bearing is damaged, worn, or does not turn freely, replace it.

ASSEMBLY OF PROPELLER SHAFT

HINT: When replacing the flange, install the new parts facing as shown in the illustration.



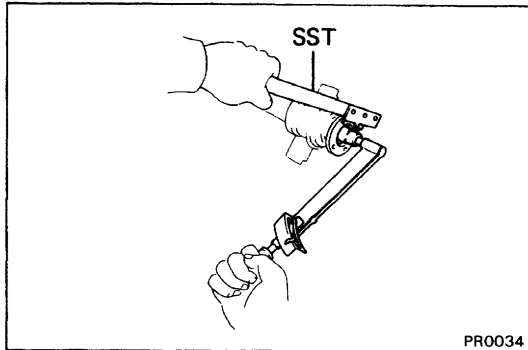
PR0198



1. INSTALL CENTER SUPPORT BEARING ON INTERMEDIATE SHAFT

2. INSTALL FLANGE ON INTERMEDIATE SHAFT

- (a) Coat the splines of the intermediate shaft with MP grease.
- (b) Place the flange on the shaft and align the matchmarks.

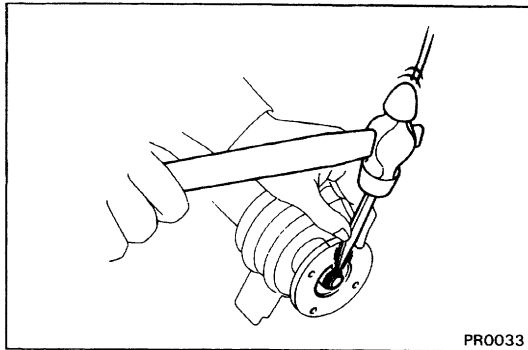


- (e) Using SST, hold the flange.

SST 09504-00011

- (d) Press the bearing into position by tightening down a new nut.

Torque: 1,850 kg-cm (134 ft-lb, 181 N-m)

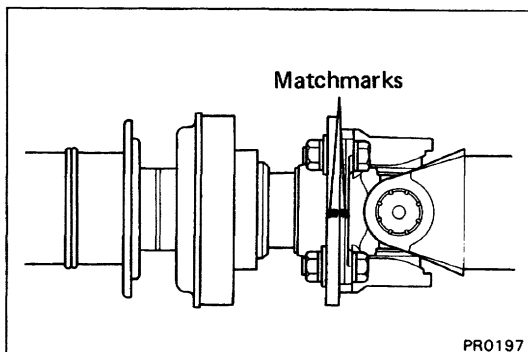


- (e) Loosen the nut.

- (f) Torque the nut again.

Torque: 700 kg-cm (51 ft-lb, 69 N-m)

- (g) Using a hammer and punch, stake the nut.

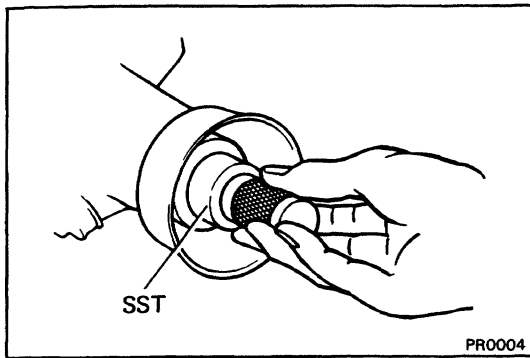


3. INSTALL PROPELLER SHAFT

- (a) Align the matchmarks on the flanges and connect the flanges with four bolts and nuts.

- (b) Torque the bolts and nuts.

Torque: 750 kg-cm (54 ft-lb, 74 N-m)

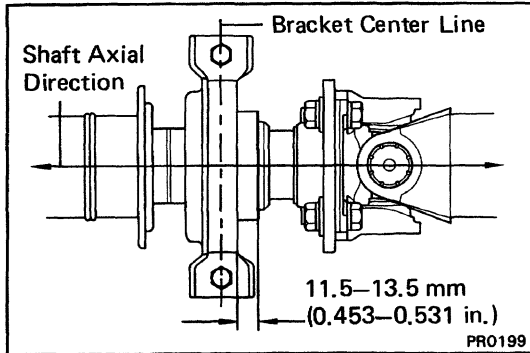


INSTALLATION OF PROPELLER SHAFT

(See page PR-3)

1. INSERT YOKE IN TRANSMISSION

- (a) Remove SST.
SST 09325-40010
- (b) Insert the yoke into the transmission.

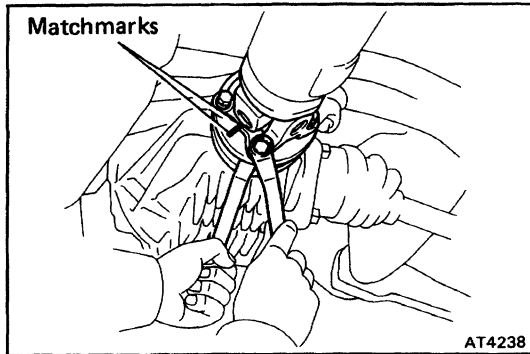


2. INSTALL CENTER SUPPORT BEARING

HINT:

- Adjust the center support bearing to keep the intervals as shown with vehicle unladen condition.
- At the same condition, check that the center line of the center bearing is at right angles at the shaft axial direction. Adjust the bearing if necessary. Tighten two bolts.

Torque: 375 kg-cm (27 ft-lb, 37 N-m)



3. CONNECT PROPELLER SHAFT FLANGE TO COMPANION FLANGE ON DIFFERENTIAL

- (a) Align the matchmarks on the flanges and connect the flanges with four bolts and nuts.
- (b) Torque the bolts and nuts.

Torque: 750 kg-cm (54 ft-lb, 74 N-m)