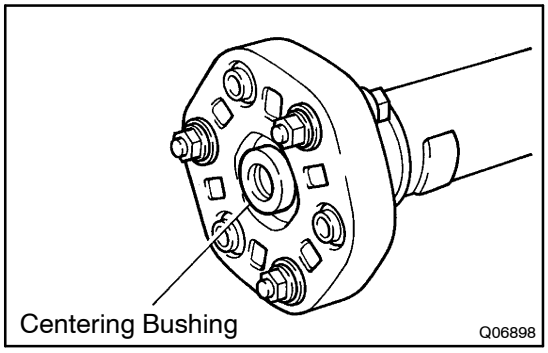
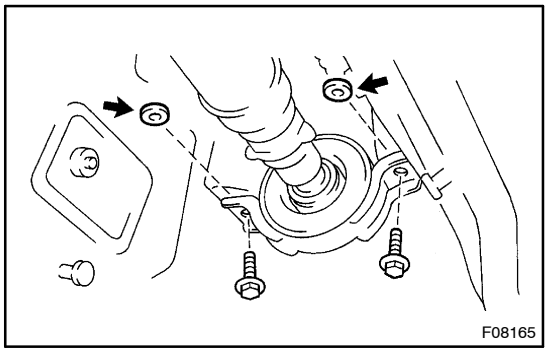
PR02E–04

INSTALLATION



1. INSTALL PROPELLER SHAFT

(a) Apply grease to the flexible coupling centering bushings.
Grease:
Molybdenum disulphide lithium base, NLGI No. 2



(b) Install the propeller shaft from the vehicle's rear and connect the transmission and differential.

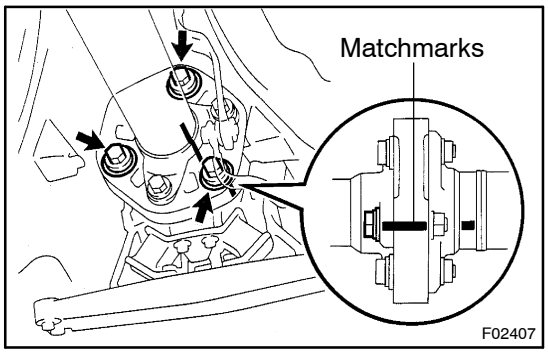
NOTICE:

Support the center support bearing by hand so that the transmission and intermediate shaft, and propeller shaft and differential, remain in a straight line.

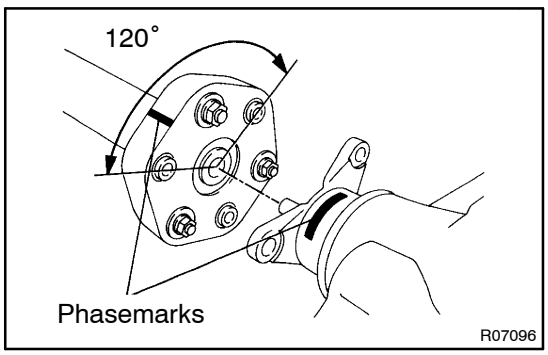
(c) Temporarily install the 2 center support bearing set bolts with the adjusting washers.

HINT:

Use the adjusting washers which were removed.



(d) If reusing the propeller shaft that was once removed:
Align the matchmarks and connect the propeller shaft to the transmission/differential.



(e) If using a new propeller shaft (w/ Phasemarks):
Install the propeller shaft phasemarks and differential/transmission phasemarks so that their respective alignment phasemarks match.
If the propeller shaft phasemarks and differential/transmission phasemarks do not align, install the propeller shaft and differential alignment phasemarks as close together as possible.

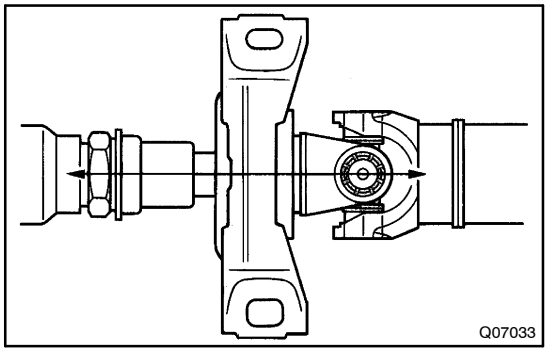
(f) If using a new propeller shaft (w/o Phasemarks):
Install the propeller shaft.

(g) Install and torque the 3 bolts, washers and nuts.

NOTICE:

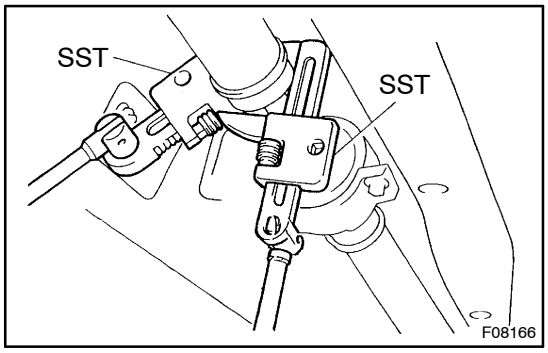
The bolts should be installed from the propeller shaft side.

Torque: 79 N·m (805 kgf·cm, 58 ft·lbf)



(h) Torque the 2 center support bearing set bolts.
Torque: 37 N·m (375 kgf·cm, 27 ft·lbf)

HINT:
Adjust the center support bearing to keep the intervals as shown with the vehicle in the unladen condition.
Under the same condition, check if the center line of the center support bearing is at right angles to the shaft axial direction.



(i) Using SST, tighten the adjusting nut.
SST 09922–10010
Torque: 50 N·m (515 kgf·cm, 37 ft·lbf)

HINT:
Use a torque wrench with a fulcrum length of 34.5 cm (13.6 in.).

2. INSPECT JOINT ANGLE
(See page PR–11)

NOTICE:
The joint angle should by all means be checked when the propeller shaft is removed and installed.

3. INSTALL PROPELLER SHAFT HEAT INSULATOR
Install the propeller shaft heat insulator with the 2 bolts.
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

4. INSTALL HEAT INSULATOR
Install the heat insulator and torque the 4 bolts.
Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

5. INSTALL EXHAUST PIPE
(See page EM–123)