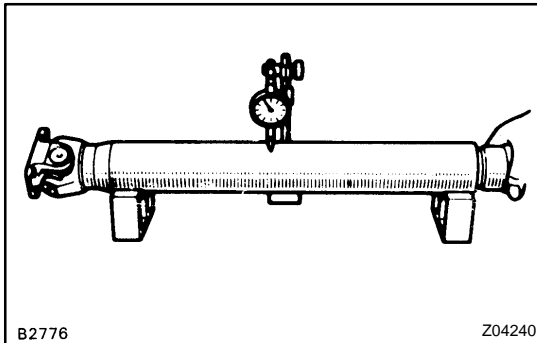


INSPECTION

1. REMOVE SLEEVE YOKE FROM PROPELLER SHAFT

- Place matchmarks on the sleeve yoke and shaft.
- Pull out the sleeve yoke from the shaft.
- Remove the dust cover from the shaft.

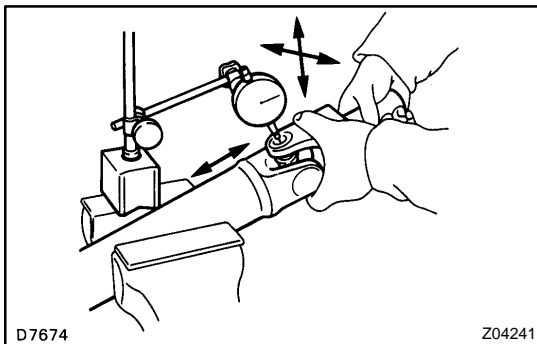


2. INSPECT PROPELLER SHAFT AND INTERMEDIATE SHAFTS FOR DAMAGE OR RUNOUT

Using a dial indicator, check the runout of shafts.

Maximum runout: 0.8 mm (0.031 in.)

If the shaft runout exceeds the maximum, replace the shaft.



3. INSPECT SPIDER BEARINGS

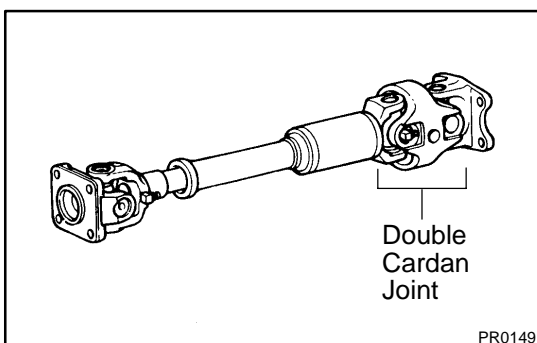
NOTICE:

Be careful not to grip the propeller shaft tube too tightly in a vise as this will cause deformation.

- Inspect the spider bearings for wear or damage.
- Using a dial indicator, check the spider bearing axial play by turning the yoke with holding the shaft tightly.

Bearing axial play: Maximum 0.05 mm (0.0020 in.)

If the bearing axial play exceeds the maximum, replace the spider bearing (w/o double cardan joint) / propeller shaft (w/ double cardan joint).



4. INSPECT WITH DOUBLE CARDAN JOINT PROPELLER SHAFT

HINT:

Double cardan joint is used on 4WD rear propeller shafts.

- Inspect the shaft for wear or damage.
- Inspect the double cardan joint for wear or damage.

If any problem is found, replace the propeller shaft assembly.

5. INSERT SLEEVE YOKE INTO PROPELLER SHAFT

- (a) Apply grease to the propeller shaft spline and sleeve yoke sliding surface.

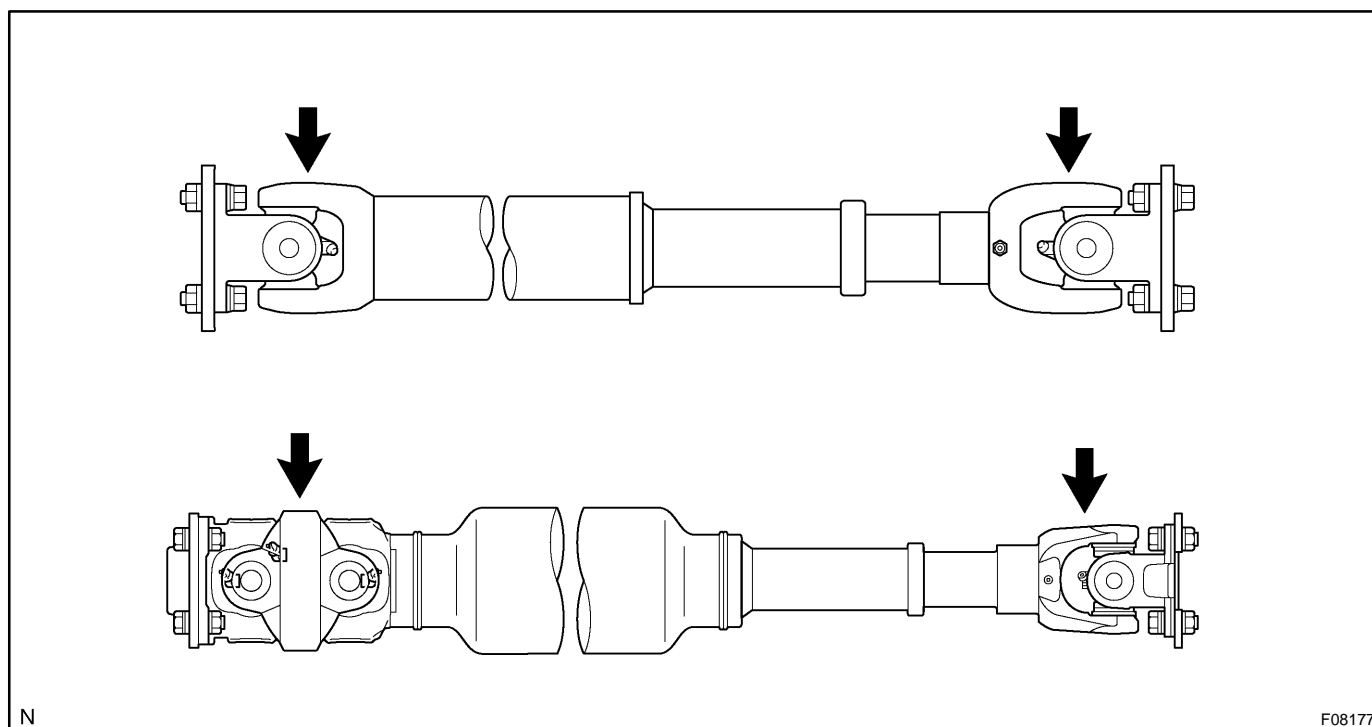
Grease:

Molybdenum disulfide lithium base chassis grease, NLGI No.2

- (b) Install the dust cover to the shaft.
(c) Align the matchmarks on the yoke and propeller shaft.

HINT:

When replacing the propeller shaft, install the new parts facing, as shown in the following illustration.



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