

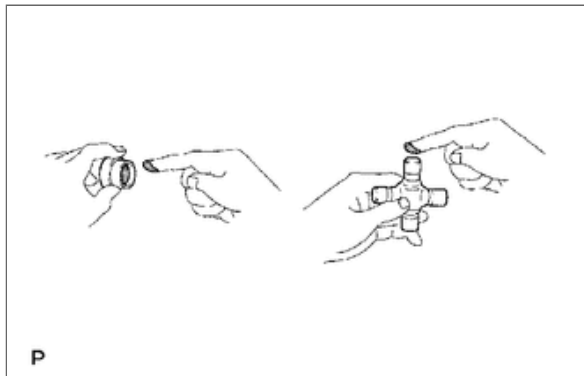
**CAUTION / NOTICE / HINT****NOTICE:**

- When using a vise, place aluminum plates between the part and vise.
- When using a vise, do not overtighten it.

**PROCEDURE****1.INSTALL SPIDER BEARING****HINT:**

Use the same procedure for both spiders.

a.



Apply MP grease to a new spider and new spider bearing.

**NOTICE:**

Do not apply too much grease.

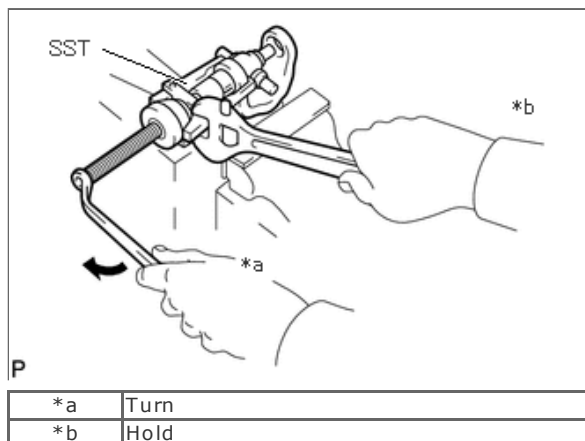
b. Install the grease fitting to the spider.

**Torque:**

**6.3 N\*m (64 kgf\*cm, 56 in.\*lbf)**

c. Install the spider to the propeller shaft.

d.



Using SST, install 2 of the spider bearings to the spider.

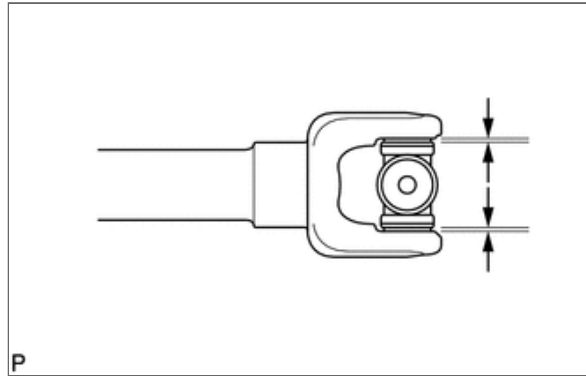
**SST**

**09332-25010**

- e. Using SST, adjust both spider bearing so that the rear propeller shaft joint spider bearing snap ring grooves are at maximum and in equal in width.

**SST**  
**09332-25010**

f.



Install 4 new rear propeller shaft joint spider bearing snap rings of equal thickness which will allow no axial play.

**HINT:**

Do not reuse the rear propeller shaft joint spider bearing snap rings.

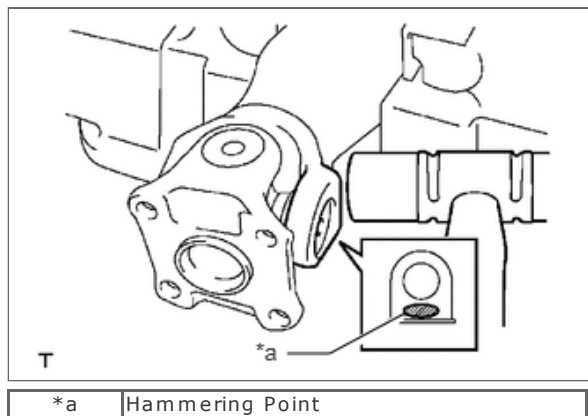
**Standard Snap Ring Thickness**

Color	Mark	Thickness
-	1	1.980 to 2.000 mm (0.0780 to 0.0787 in.)
-	-	1.985 to 2.015 mm (0.0782 to 0.0793 in.)
-	2	2.000 to 2.020 mm (0.0788 to 0.0795 in.)
Brown	-	2.015 to 2.045 mm (0.0794 to 0.0805 in.)
-	3	2.020 to 2.040 mm (0.0796 to 0.0803 in.)
-	4	2.040 to 2.060 mm (0.0804 to 0.0811 in.)
Blue	-	2.045 to 2.075 mm (0.0806 to 0.0816 in.)
-	5	2.060 to 2.080 mm (0.0812 to 0.0818 in.)
-	-	2.075 to 2.105 mm (0.0817 to 0.0828 in.)
-	6	2.080 to 2.100 mm (0.0819 to 0.0826 in.)
-	7	2.100 to 2.120 mm (0.0827 to 0.0834 in.)
-	8	2.120 to 2.140 mm (0.0835 to 0.0842 in.)
-	九	2.140 to 2.160 mm (0.0843 to 0.0850 in.)
-	10	2.160 to 2.180 mm (0.0851 to 0.0858 in.)

**NOTICE:**

- Use a new rear propeller shaft joint spider bearing snap ring.
- Use rear propeller shaft joint spider bearing snap rings with as close to the same thickness as possible on both ends.

g.



Using a plastic-faced hammer, tap the flange yoke until there is no clearance between the spider bearing outer race and rear propeller shaft joint spider bearing snap rings.

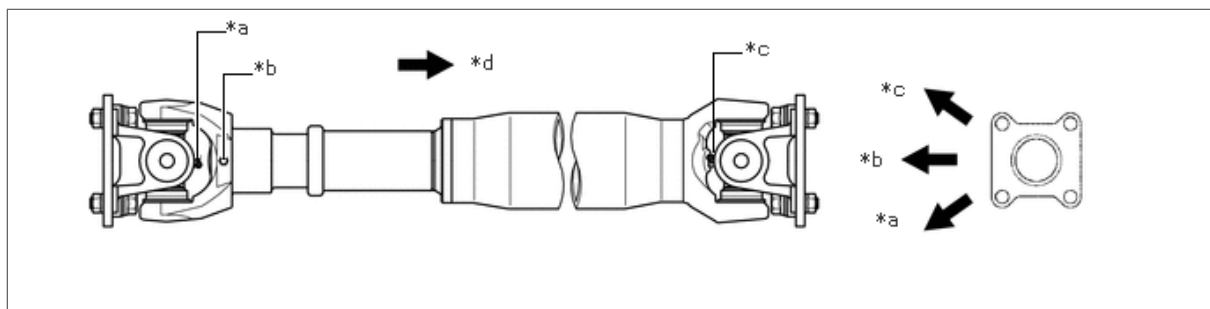
**HINT:**

Install the spider bearing on the sleeve side using the procedure described above.

## 2.INSPECT PROPELLER SHAFT GREASE FITTING DIRECTION

**HINT:**

- When replacing a spider bearing, be sure that the grease fitting hole is facing the direction shown in the illustration.
- Fill the grease fittings with MP grease.



*a	No. 1 Grease Fitting	*b	No. 2 Grease Fitting
*c	No. 3 Grease Fitting	*d	Rear Side

## 3.INSPECT SPIDER BEARING

[Click here](#)Drivetrain>DRIVE SHAFT / PROPELLER SHAFT>PROPELLER SHAFT ASSEMBLY>INSPECTION