

REASSEMBLY

1. INSTALL FRONT PROPELLER SHAFT UNIVERSAL JOINT SPIDER BEARING

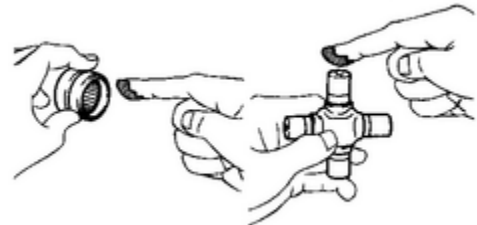
HINT:

Use the same procedure for all propeller shaft universal joint spider bearing.

- (a) Apply MP grease to a new spider and spider bearing.

NOTICE:

Be careful not to apply too much grease.



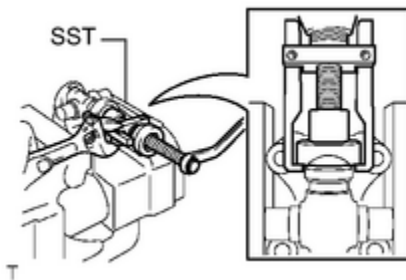
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- (b) Install the universal joint spider to the propeller shaft.

- (c) Using SST, install 2 of the spider bearings to the universal joint spider.

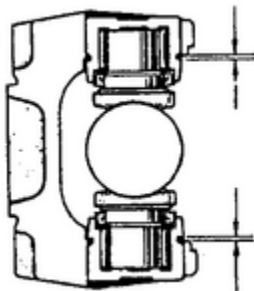
SST: 09332-25010



- (d) Using SST, adjust both bearings so that the snap ring grooves are at maximum and equal width.

SST: 09332-25010

- (e) Install 4 new snap rings of equal thickness which will allow no axial play.



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HINT:

Do not reuse the snap rings.

Thickness of snap ring:

PARTS NO.	SPECIFIED CONDITION	MARK
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PARTS NO.	SPECIFIED CONDITION	MARK
90520-25039	2.28 to 2.30 mm (0.0898 to 0.0906 in.)	1
90520-25040	2.30 to 2.32 mm (0.0906 to 0.0913 in.)	2
90520-25041	2.32 to 2.34 mm (0.0913 to 0.0921 in.)	-
90520-25042	2.34 to 2.36 mm (0.0921 to 0.0929 in.)	Brown
90520-25043	2.36 to 2.38 mm (0.0929 to 0.0937 in.)	Blue
90520-25044	2.38 to 2.40 mm (0.0937 to 0.0945 in.)	6
90520-25045	2.40 to 2.42 mm (0.0945 to 0.0953 in.)	7
90520-25046	2.42 to 2.44 mm (0.0953 to 0.0961 in.)	8
90520-25047	2.44 to 2.46 mm (0.0961 to 0.0969 in.)	九
90520-25048	2.46 to 2.48 mm (0.0969 to 0.0976 in.)	10
90520-25049	2.48 to 2.50 mm (0.0976 to 0.0984 in.)	A
90520-25050	2.50 to 2.52 mm (0.0984 to 0.0992 in.)	B
90520-25051	2.52 to 2.54 mm (0.0992 to 0.1000 in.)	C
90520-25052	2.54 to 2.56 mm (0.1000 to 0.1008 in.)	D
90520-25053	2.56 to 2.58 mm (0.1008 to 0.1016 in.)	E
90520-25054	2.18 to 2.20 mm (0.858 to 0.0866 in.)	J
90520-25055	2.20 to 2.22 mm (0.0866 to 0.0874 in.)	K
90520-25056	2.22 to 2.24 mm (0.0874 to 0.0882 in.)	F

PARTS NO.	SPECIFIED CONDITION	MARK
90520-25057	2.24 to 2.26 mm (0.0882 to 0.0889 in.)	G
90520-25058	2.26 to 2.28 mm (0.0889 to 0.0898 in.)	H

NOTICE:

- Must use a new retainer ring.
- Must use retainer rings of the same thickness as possible on both ends.

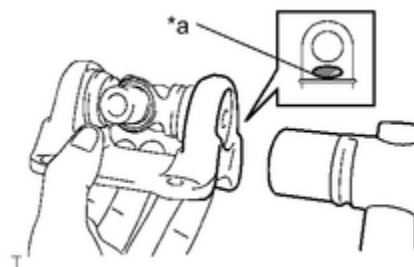
- (f) Using a hammer, tap the yoke until there is no clearance between the spider bearing outer race and snap ring.

Text in Illustration

*a	Hammering Point
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HINT:

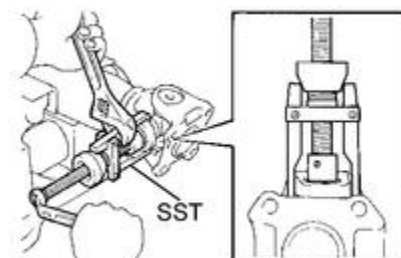
Install a new spider bearing on the sleeve side in the procedure described above.



- (g) Align the matchmarks on the flange yoke and the sleeve yoke.

- (h) Using SST, install the spider bearings on the universal joint spider.

SST: 09332-25010



- (i) Using SST, adjust both bearings so that the snap ring grooves are at maximum and equal in width.

SST: 09332-25010

- (j) Install 4 new snap rings of equal thickness which will allow 0 mm (0 in.) of axial play.

HINT:

Do not reuse the snap rings.

Thickness of snap ring:

PARTS NO.	SPECIFIED CONDITION	MARK
90520-25039	2.28 to 2.30 mm	1

PARTS NO.	SPECIFIED CONDITION	MARK
	(0.0898 to 0.0906 in.)	
90520-25040	2.30 to 2.32 mm (0.0906 to 0.0913 in.)	2
90520-25041	2.32 to 2.34 mm (0.0913 to 0.0921 in.)	-
90520-25042	2.34 to 2.36 mm (0.0921 to 0.0929 in.)	Brown
90520-25043	2.36 to 2.38 mm (0.0929 to 0.0937 in.)	Blue
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90520-25046	2.42 to 2.44 mm (0.0953 to 0.0961 in.)	8
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90520-25048	2.46 to 2.48 mm (0.0969 to 0.0976 in.)	10
90520-25049	2.48 to 2.50 mm (0.0976 to 0.0984 in.)	A
90520-25050	2.50 to 2.52 mm (0.0984 to 0.0992 in.)	B
90520-25051	2.52 to 2.54 mm (0.0992 to 0.1000 in.)	C
90520-25052	2.54 to 2.56 mm (0.1000 to 0.1008 in.)	D
90520-25053	2.56 to 2.58 mm (0.1008 to 0.1016 in.)	E
90520-25054	2.18 to 2.20 mm (0.0858 to 0.0866 in.)	J
90520-25055	2.20 to 2.22 mm (0.0866 to 0.0874 in.)	K
90520-25056	2.22 to 2.24 mm (0.0874 to 0.0882 in.)	F
90520-25057	2.24 to 2.26 mm	G

PARTS NO.	SPECIFIED CONDITION	MARK
	(0.0882 to 0.0890 in.)	
90520-25058	2.26 to 2.28 mm (0.0890 to 0.0898 in.)	H

NOTICE:

- Must use a new retainer ring.
- Must use retainer rings of the same thickness as possible on both ends.

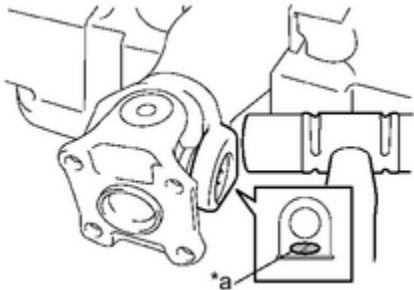
(k) Using a plastic faced hammer, tap the yoke until there is no clearance between the spider bearing outer race and snap ring.

Text in Illustration

*a	Hammering Point
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HINT:

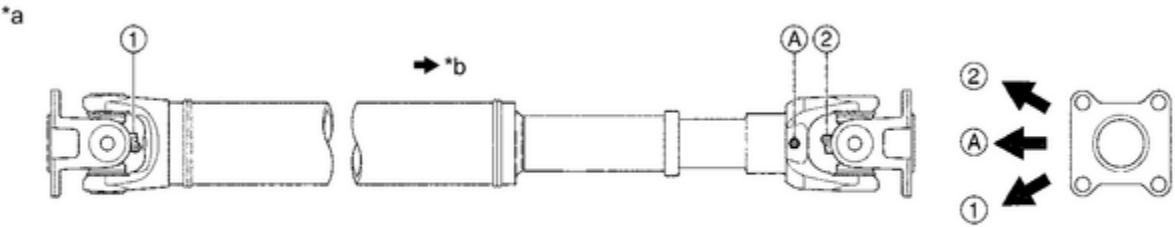
Install a new spider bearing on the sleeve side in the procedure described above.



2. INSPECT PROPELLER SHAFT ASSEMBLY

HINT:

When replacing the spider bearing, be sure that the grease fitting assembly hole is facing to the direction shown in the illustration.



P

Text in Illustration

*a	Spider grease fitting assembly direction for front propeller shaft assembly	*b	Rear Side
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