

SECTION 3

FRONT DRIVE SHAFT

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GENERAL DESCRIPTION

A constant velocity ball joint is used on the wheel side of front drive shaft to transmit smooth traction force in case of angle change. On the differential side, constant velocity tripot joint type or double offset joint type of which sliding resistance is small is adapted.

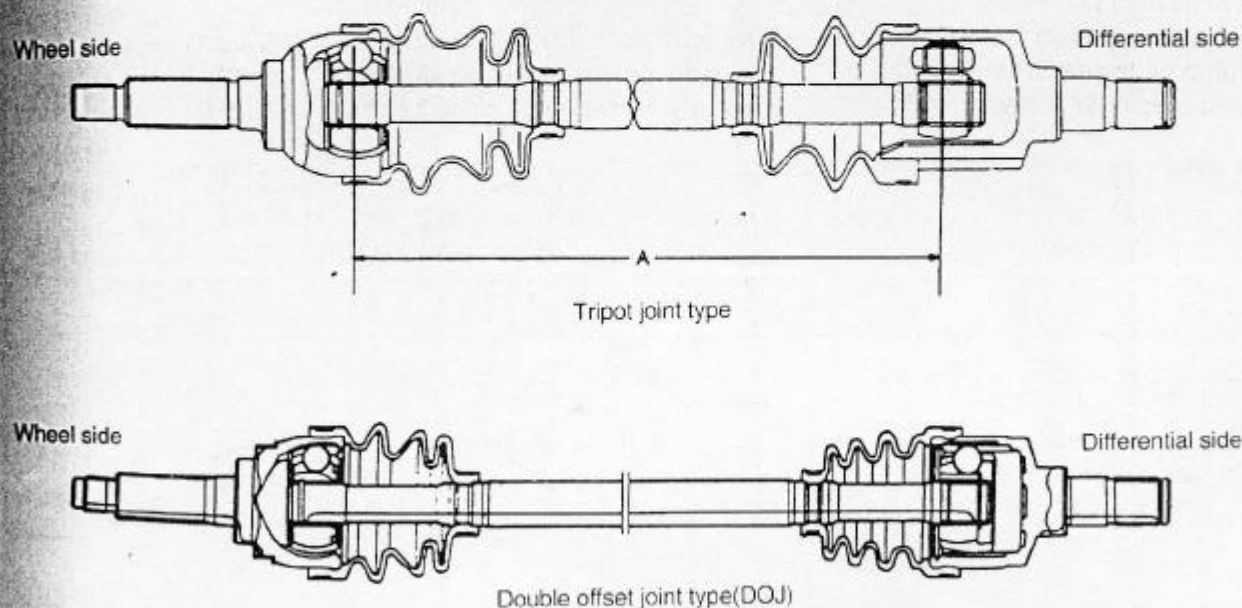


FIG. 3 — 1 TRIPOT TYPE AND DOUBLE OFFSET TYPE

ITEM	TYPE	M/T	A/T
Length	Right	521.0	522.0
"A" (mm)	Left	335.5	331.0
Shaft diameter(mm)		22	22

DISASSEMBLY AND ASSEMBLY

Drive shaft

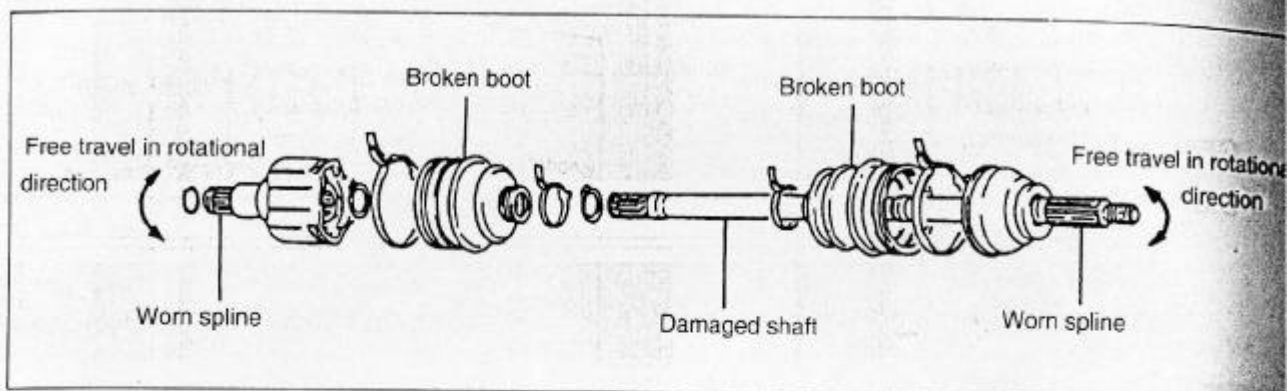


FIG. 3 — 2 DISASSEMBLING DRIVE SHAFT

Disassembly

CAUTION

- Disassembling wheel side joint is not allowed, in case of replacement, replace boot after disassembling differential side joint.
- When replacing shaft, make sure that boot shall not be damaged.

1. Remove differential side boot band and joint housing (In case of DOJ, remove snap ring).

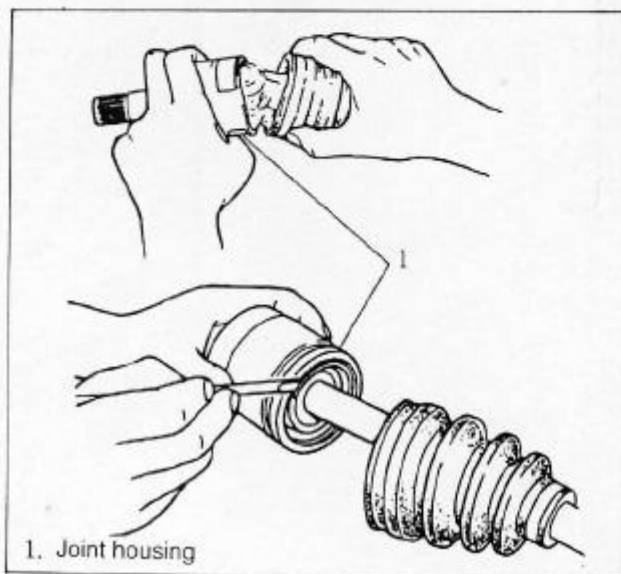


FIG. 3 — 3 DISASSEMBLING JOINT HOUSING

2. After removing grease and circlip, remove spider from shaft.

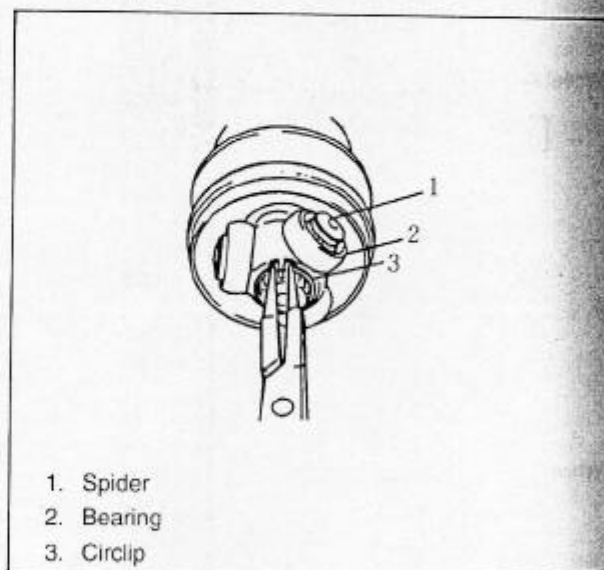


FIG. 3 — 4 REMOVING CIRCLIP (TRIPOT JOINT TYPE)

(In case of DOJ type, remove six balls).

Assembly

It is the reverse of disassembly procedures. Take care of the followings.

Be sure to check abnormality before disassembling and check visually after disassembling to replace and assemble parts correctly.

After cleaning joint housing disassembled, dry it completely using air blower and clean boot with cloth.

Apply joint grease on wheel side joint or inner side of boot.

Install wheel side boot on shaft.

After filling up inner side of boot with joint grease, fix it using boot band.

Install differential side boot on shaft, apply grease on joint and inner side of boot.

After installing tripot joint (or ball joint) on shaft, fix it with circlip.

After filling up differential side boot with grease, install joint assembly.

Fix boot to joint assembly using boot band.