

REASSEMBLY

1. INSTALL NO. 2 DUST DEFLECTOR

Using SST and a press, install a new No. 2 dust deflector.

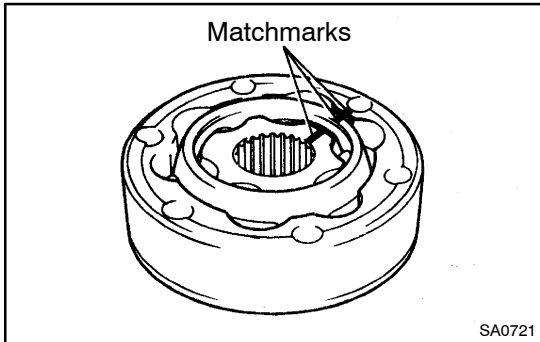
SST 09309-36010, 09502-12010

NOTICE:

Be careful not to damage the ABS speed sensor rotor.

2. ASSEMBLE INBOARD JOINT

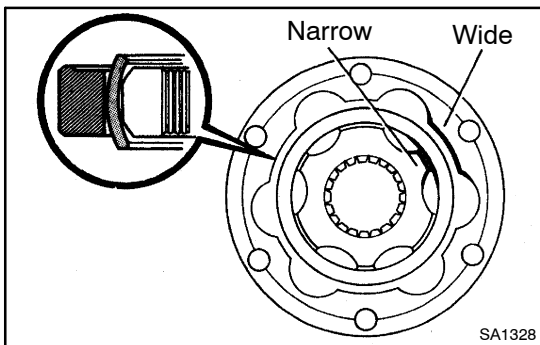
If the joint has come apart, reassemble it in the following order.



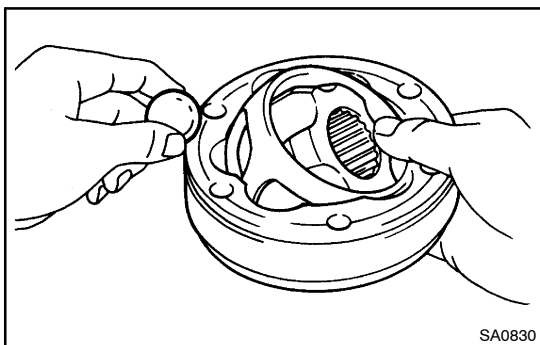
(a) Align the matchmarks placed before removal.

If the matchmarks have disappeared, do the following procedure.

- (1) Install the inner race to the cage so that the indented bevelled part of the inner race is on the opposite side to the bevelled top of the cage.
- (2) Install the outer race so that the indented side of the outer race is facing the same side as the bevelled surface of the cage.



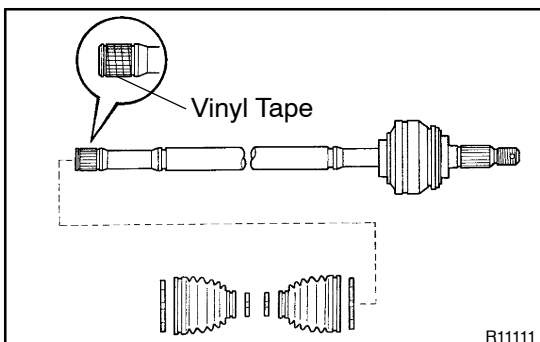
- (3) Match the narrow projections of the inner race with the wide projections of the outer race.



(b) Tilt the cage and inner race to the side and insert the balls one by one.

NOTICE:

When the cage and inner race are tilted over, support the joint with your hand to prevent the balls from falling out.



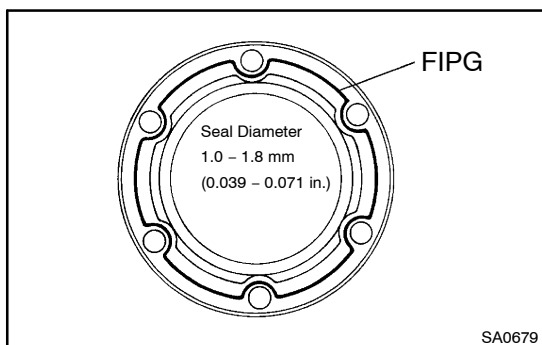
3. TEMPORARILY INSTALL BOOTS AND BOOT CLAMPS

(a) Place 4 new boot clamps to each new boot.

HINT:

Before installing the boots, wrap vinyl tape around the spline of the shaft to prevent boots from being damaged.

(b) Install the 2 boots with clamps to the drive shaft.



4. INSTALL INBOARD JOINT COVER

- Remove any packing material on the inboard joint.
- Apply FIPG to a new inboard joint cover as shown in the illustration.

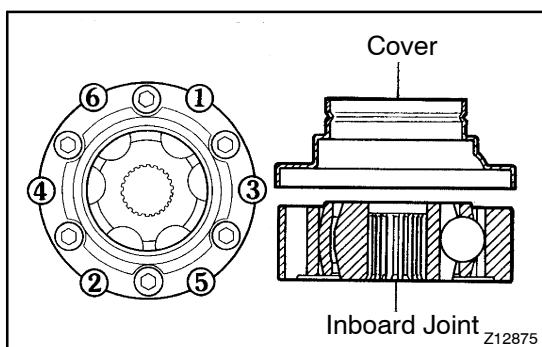
FIPG:

Part No.08826-00801, THREE BOND 1121 or equivalent

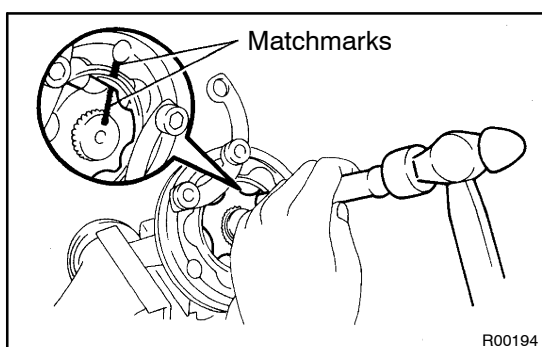
HINT:

Do not apply too much.

- Remove grease from the surface of the inboard joint facing to the cover.
- Align the bolt holes in the cover with those of the inboard joint, then insert the hexagon bolts.



- Using a plastic hammer, tap the rim of the inboard joint cover into place. Do this in the order shown, and repeat several times.



5. INSTALL INBOARD JOINT

- Align the matchmarks placed before removal.
- Using a brass bar and hammer, install the inboard joint to outboard joint shaft.

NOTICE:

Check that the brass bar is not touching the cage, but inner race.

- Using a snap ring expander, install a new snap ring.

6. ASSEMBLE BOOTS TO JOINTS

Before assembling the boots, pack with only the same amount of grease that was wiped off.

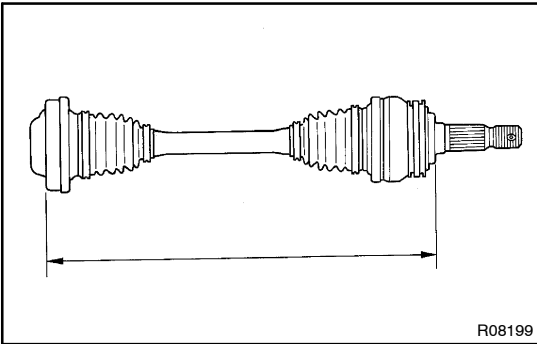
Grease capacity	150 - 160 g (5.3 - 5.6 oz.)
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HINT:

Use the grease supplied in the boot kit.

NOTICE:

- Keep grease off the joint connection groove of the boot.
- Pack with grease all over the ball contact surface inside the joint.



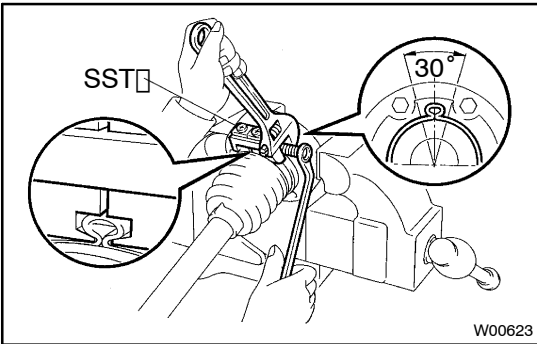
7. CHECK DRIVE SHAFT STANDARD LENGTH

Drive shaft standard length:

RH	619.5mm (24.390in.)
LH	573.5mm (22.579in.)

HINT:

The drive shaft is designed to move ± 20 mm (0.79in.) from the normal position.



8. INSTALL NEW BOOT CLAMPS TO BOTH BOOTS

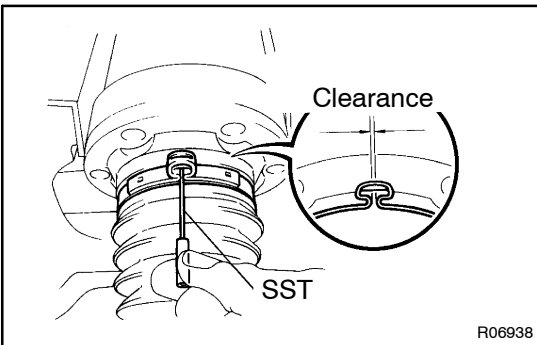
(a) Place SST onto the inboard joint large boot clamp.

SST 09521-24010

(b) Tighten SST so that the clamp is pinched.

NOTICE:

Do not overtighten the SST.



(c) Using SST, adjust the clearance of the clamp.

SST 09240-00020 (09242-00080)

Clearance: 0.8mm (0.031in.) or less

(d) Employ the same manner to the other clamps.

9. INSTALL END COVER

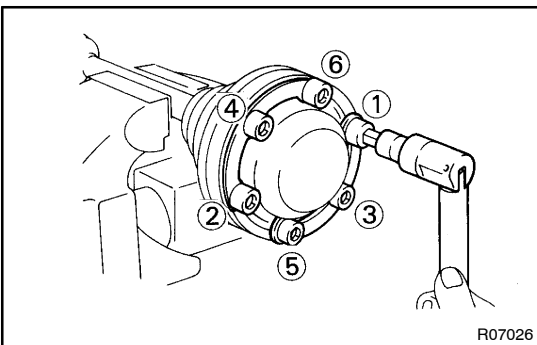
(a) Pack grease into a new end cover.

Grease capacity	50 - 55g (1.8 - 1.9oz.)
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(b) Remove grease from the surface of the inboard joint facing to the cover.

(c) Glue on a new gasket, with the glued side facing toward the outer face side of the inboard joint.

(d) Align the bolt holes in the cover with those of the inboard joint.



(e) Install the 6 hexagon bolts and 2 washers from the end cover side.

(f) Install 6 nuts to the boot side.

(g) Using a 10mm hexagon wrench, tighten the bolts. Do this in the order shown, and repeat several times.

(h) Check that the claw of the end cover touches the inboard joint.

10. CHECK DRIVE SHAFT (See page SA-64)