

## REASSEMBLY

### 1. INSTALL NO. 2 DUST DEFLECTOR

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

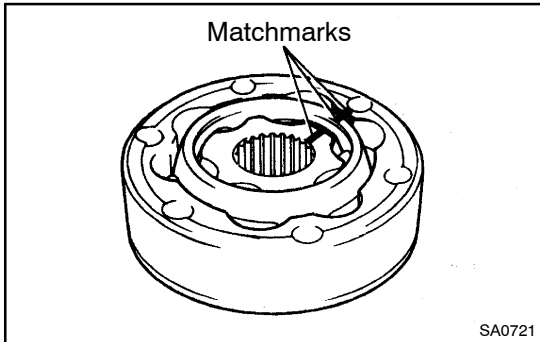
SST 09309-36010, 09502-12010

#### NOTICE:

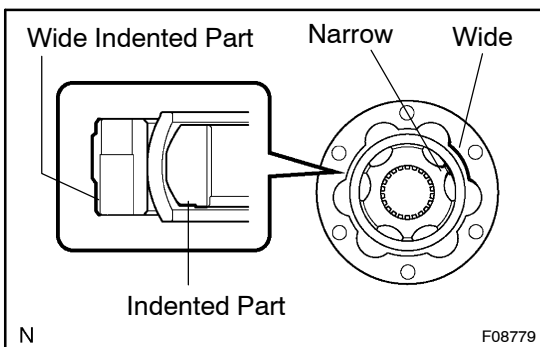
**Be careful not to damage the ABS speed sensor rotor.**

### 2. ASSEMBLE INBOARD JOINT

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



- (a) Align the matchmarks placed before removal.



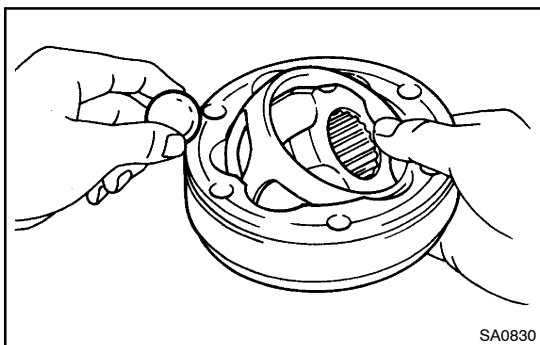
If the matchmarks have disappeared, do the following procedure.

- (1) Install the inner race to the cage.
- (2) Install the outer race so that the wide indented part is at the same side as the indented part of the inner race.

#### HINT:

The cage does not have the specified attachment direction.

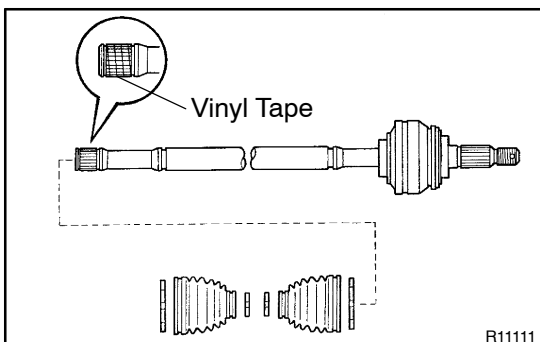
- (3) Match the narrow projections of the inner race with the wide projections of the outer race.



- (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.**



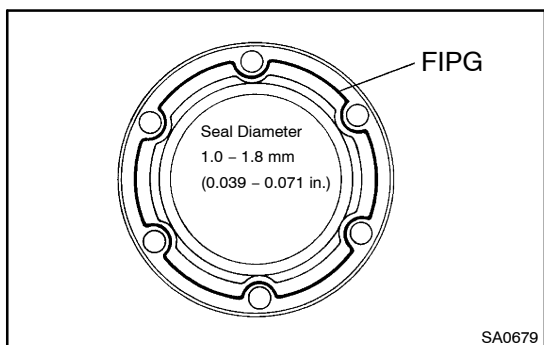
### 3. TEMPORARILY INSTALL BOOTS AND BOOT CLAMPS

- (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.

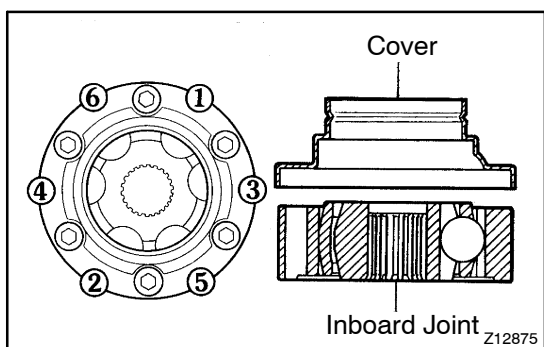


#### 4. INSTALL INBOARD JOINT COVER

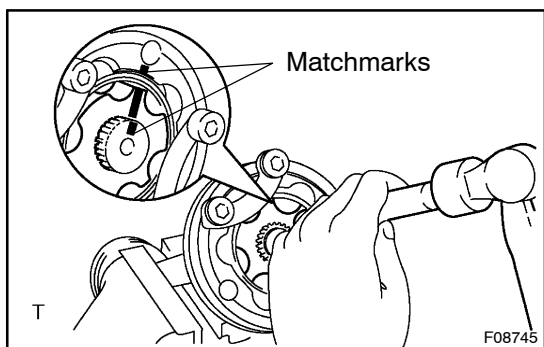
- (a) Remove any packing material on the inboard joint.
- (b) Apply FIPG to a new inboard joint cover as shown in the illustration.

#### HINT:

- Use FIPG supplied with a new end cover.
  - Do not apply too much.
- (c) Remove grease from the surface of the inboard joint facing to the cover.
  - (d) Align the bolt holes in the cover with those of the inboard joint, then insert the hexagon bolts.



- (e) 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

- (a) Align the matchmarks placed before removal.
- (b) 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.**

- (c) 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:

Outboard joint grease	170 - 180 g (0.37 - 0.40 lb, 6.0 - 6.3 oz.)
Inboard joint grease	144 - 154 g (0.32 - 0.34 lb, 5.1 - 5.4 oz.)

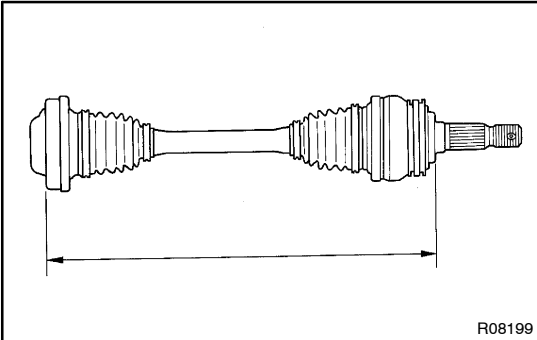
#### HINT:

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.



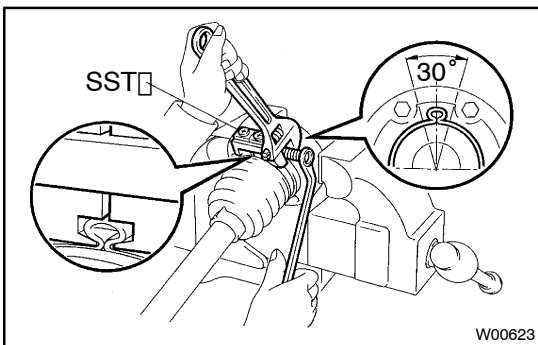
## 7. CHECK DRIVE SHAFT STANDARD LENGTH

Drive shaft standard length:

RH	585.35 mm (23.045 in.)
LH	539.75 mm (21.250 in.)

HINT:

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

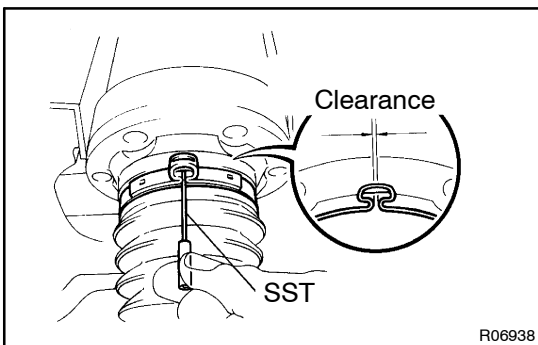


## 8. INSTALL NEW BOOT CLAMPS TO BOTH BOOTS

- Place SST onto the inboard joint large boot clamp.  
SST 09521-24010
- Tighten SST so that the clamp is pinched.

NOTICE:

Do not overtighten the SST.



- Using SST, adjust the clearance of the clamp.  
SST 09240-00020

**Clearance: 0.8 mm (0.031 in.) or less**

- Employ the same manner to the other clamps.

## 9. INSTALL END COVER

- Remove grease from the surface of the inboard joint facing to the cover.
- Apply IPG supplied with a new end cover.
- Align the bolt holes in the cover with those of the inboard joint.
- Install the 6 hexagon bolts and 3 washers from the end cover side.
- Install 6 nuts to the boot side.
- Using a 3 mm hexagon wrench, tighten the bolts. Do this in the order shown, and repeat several times.
- Check that the claw of the end cover touches the inboard joint.

## 10. CHECK DRIVE SHAFT (See page SA-28)

