

INSPECTION

1. INSPECT REAR DRIVE SHAFT ASSEMBLY LH

- (a) Check that there is no remarkable play in the radial direction of the outboard joint.
- (b) Check that the inboard joint slides smoothly in the thrust direction.
- (c) Check that there is no remarkable play in the radial direction of the inboard joint.
- (d) Check the boots for damage.

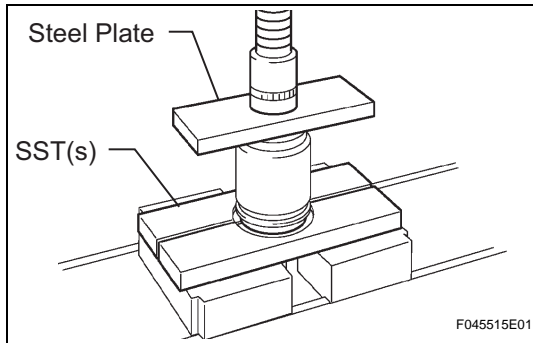
REASSEMBLY

1. INSTALL REAR DRIVE SHAFT DUST COVER LH SST 09527-21011

- (a) Using SST(s) and a steel plate, install a new drive shaft dust cover LH.

NOTICE:

- Dust cover should be completely installed.
- Be careful not to damage the dust cover.



2. INSTALL SNAP RING

- (a) Install a new snap ring.

NOTICE:

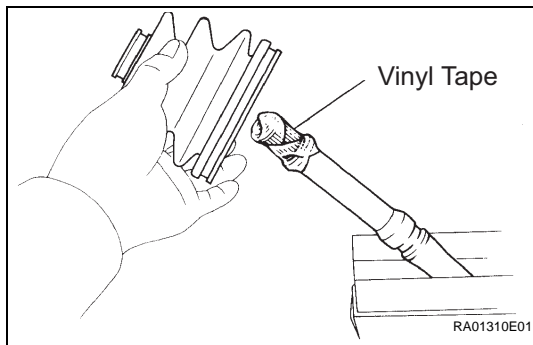
- Be careful not to damage the boot.**

3. INSTALL OUTBOARD JOINT BOOT

HINT:

Before install the boot, wrap the spline of the outboard joint shaft with vinyl tape to prevent the boot from bearing damaged.

- (a) Install new outboard joint boot, 2 outboard joint boot clamps, 2 inboard joint boot clamps and inboard joint boot.
(b) Make sure that the 2 boots are on the shaft groove.



4. INSTALL REAR DRIVE SHAFT OUTBOARD JOINT BOOT LH CLAMP

- (a) Hold the drive shaft lightly in a soft vise.
(b) Install the 2 outboard joint boot clamps to the boot.

HINT:

Before install the clamps, pack the outboard joint and boot with grease in the boot kit.

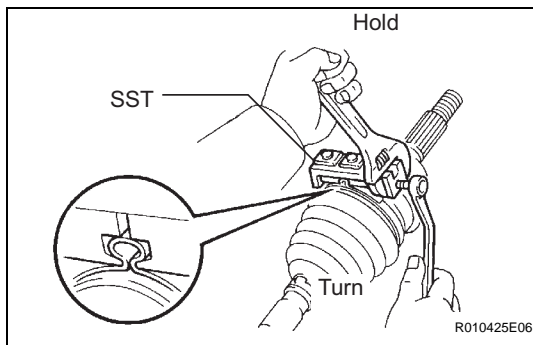
Grease capacity:

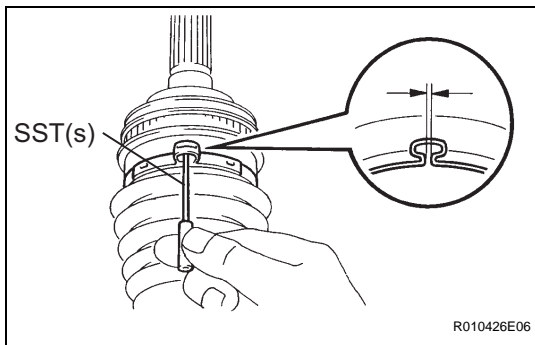
95 to 105 g (3.4 to 3.7 oz.)

- (c) Place SST(s) onto the outboard joint boot LH clamp.
SST 09521-24010
(d) Tighten the SST(s) so that the outboard joint boot LH clamp is pinched.

NOTICE:

- Do not overtighten the SST(s).**





- (e) Using a SST(s), measure the clearance of the outboard joint boot LH clamp.

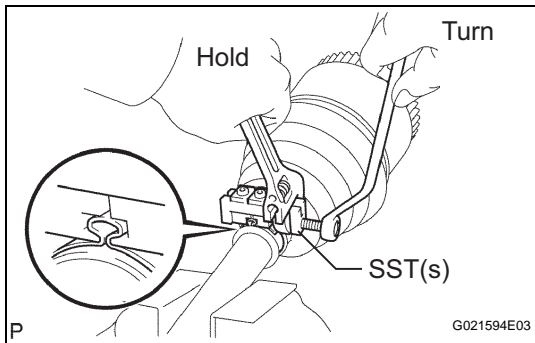
SST 09240-00020

Clearance:

1.3 mm (0.051 in.) or less

NOTICE:

When the measured value is greater than the specified value, retighten the clamp.



5. INSTALL NO. 2 REAR DRIVE SHAFT INBOARD JOINT BOOT LH CLAMP

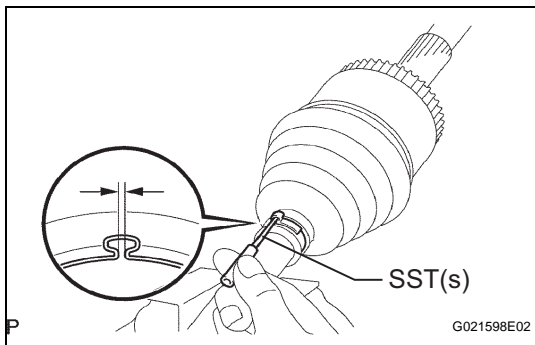
- (a) Place SST(s) onto the No. 2 rear drive shaft outboard joint boot LH clamp.

SST 09521-24010

- (b) Tighten the SST(s) so that the No. 2 rear drive shaft outboard joint boot LH clamp is pinched.

NOTICE:

Do not overtighten the SST(s).



- (c) Using SST(s), measure the clearance of the No. 2 rear drive shaft outboard joint boot LH clamp.

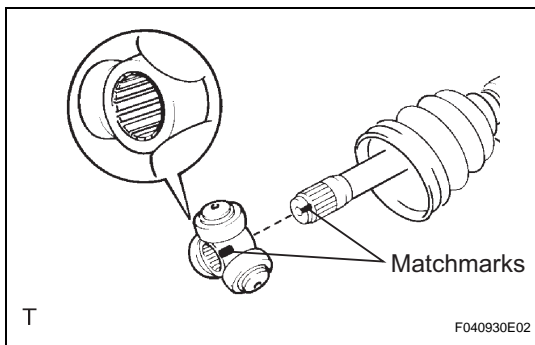
SST 09240-00020

Clearance:

1.3 mm (0.051 in.) or less

NOTICE:

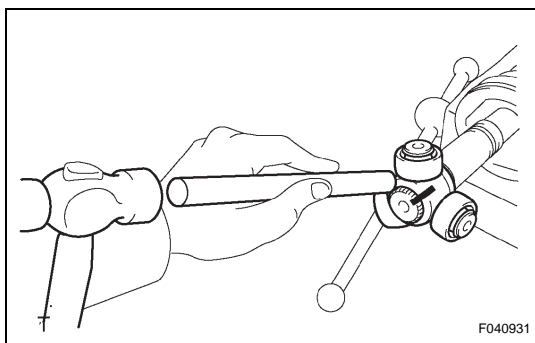
When the measured value is greater than the specified value, retighten the clamp.



6. INSTALL REAR DRIVE SHAFT INBOARD JOINT ASSEMBLY LH

- (a) Place the beveled side of the tripod joint axial spline toward the outboard joint shaft.

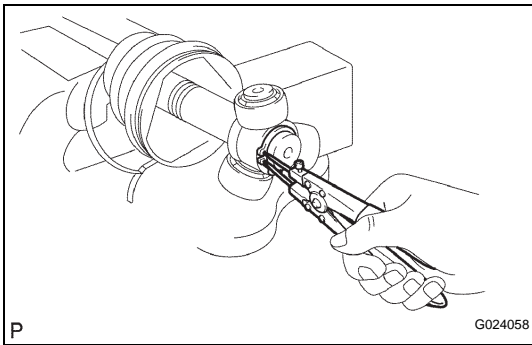
- (b) Align the matchmarks.



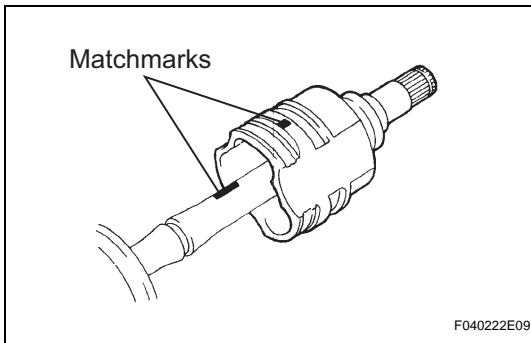
- (c) Using a brass bar and hammer, tap in the tripod joint to the outboard joint shaft.

NOTICE:

- **Do not tap the roller.**
- **Be sure to install the tripod joint assembly in the correct direction.**



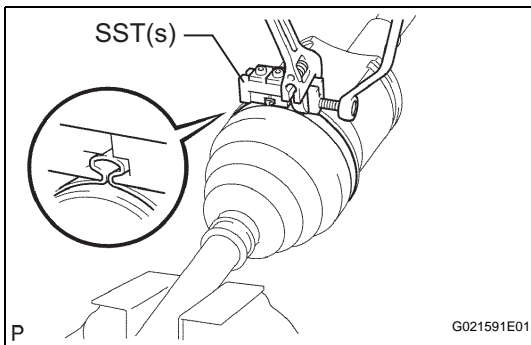
- (d) Using a snap ring expander, install a new shaft snap ring.
- (e) Pack the outboard joint shaft and boot with grease.
Grease capacity:
125.5 to 135.5 g (4.4 to 4.7 oz.)



- (f) Align the matchmarks, install the inboard joint assembly to the outboard joint shaft assembly.

7. INSTALL INBOARD JOINT BOOT

- (a) Install the inboard joint boot to the outboard joint shaft.



8. INSPECT REAR DRIVE SHAFT INBOARD JOINT BOOT CLAMP

- (a) Install the inboard joint boot clamp.
 - (1) Hold the drive shaft lightly in a soft vise.
 - (2) Install the 2 inboard joint boot clamps to the boot.
 - (3) Place SST(s) onto the inboard joint boot LH clamp.

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- (4) Tighten the SST(s) so that the inboard joint boot LH clamp is pinched.

NOTICE:

Do not overtighten the SST(s).

- (b) Using SST(s), measure the clearance of the inboard joint boot LH clamp.

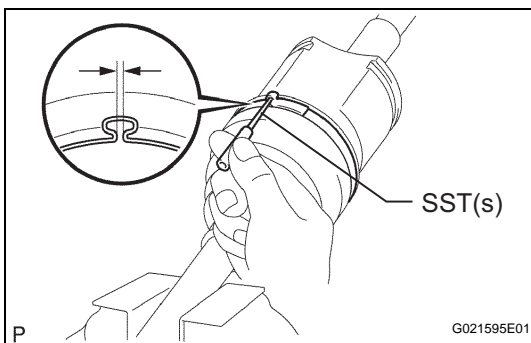
SST 09240-00020

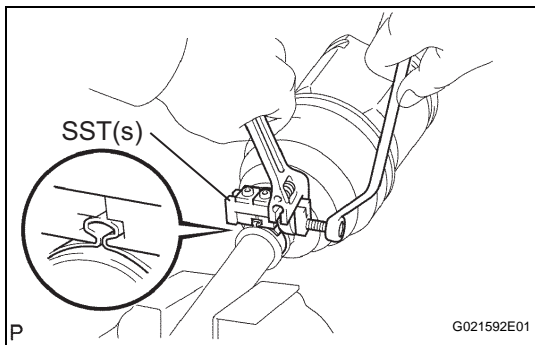
Clearance:

1.1 mm (0.043 in.) or less

NOTICE:

When the measured value is greater than the specified value, retighten the clamp.





9. REMOVE NO. 2 REAR DRIVE SHAFT INBOARD JOINT BOOT LH CLAMP

- (a) Install the No. 2 rear drive shaft inboard joint boot LH clamp.
- (b) Place SST(s) onto the No. 2 rear drive shaft inboard joint boot LH clamp.

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- (c) Tighten the SST(s) so that the rear drive shaft inboard joint boot LH clamp is pinched.

NOTICE:

Do not overtighten the SST(s).

- (d) Using SST(s), measure the clearance of the inboard joint boot LH clamp.

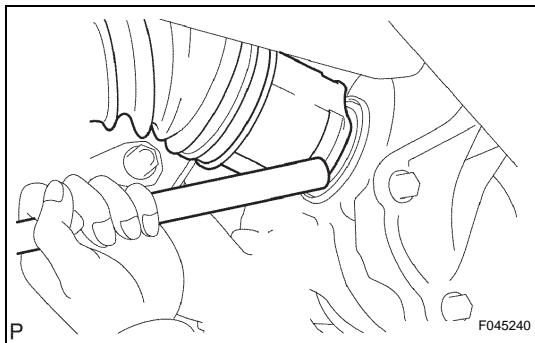
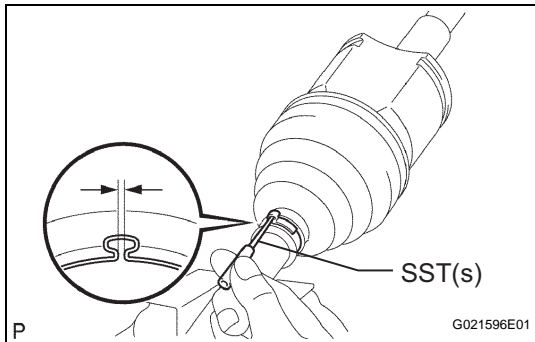
SST 09240-00020

Clearance:

1.1 mm (0.043 in.) or less

NOTICE:

When the measured value is greater than the specified value, retighten the clamp.



INSTALLATION

1. INSTALL REAR DRIVE SHAFT ASSEMBLY LH

- (a) Align the shaft splines and install the drive shaft assembly with a brass bar and hammer.

NOTICE:

- **Set the snap ring with the opening side facing downward.**
- **Be careful not to damage the oil seal boot and dust cover.**
- **Move the drive shaft assembly while keeping it level.**

2. INSTALL REAR AXLE CARRIER SUB-ASSEMBLY LH

- (a) Push the rear axle carrier sub-assembly LH toward the inside of the vehicle fitting it to the spline part of the rear drive shaft assembly LH and insert.

NOTICE:

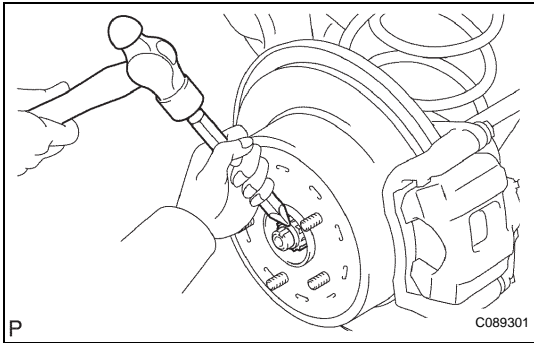
- **Be careful not to damage the joint boot and speed sensor rotor.**
- **Do not push out the rear axle carrier sub-assembly LH excessively.**

3. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSEMBLY NO. 2 LH (See page [SP-61](#))

4. TEMPORARILY TIGHTEN STRUT ROD ASSEMBLY REAR (See page [SP-49](#))

5. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSEMBLY NO. 1 LH (See page [SP-52](#))

6. INSTALL REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY (See page [LI-240](#))



7. **INSTALL REAR AXLE SHAFT LH NUT**
 - (a) Install a new axle shaft LH nut.
Torque: 294 N*m (3,000 kgf*cm, 217 ft.*lbf)
 - (b) Using a chisel and hammer, stake the axle shaft LH nut.
8. **INSTALL SPEED SENSOR REAR LH**
 - (a) Install the speed sensor with the bolt.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
HINT:
 - Be careful not to damage the speed sensor.
 - Prevent foreign matter from adhering to the speed sensor.
 - Do not twist the sensor wire when installing the sensor.
9. **INSTALL REAR WHEEL**
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
10. **INSTALL STABILIZER BAR REAR (See page [SP-68](#))**
11. **FULLY TIGHTEN REAR SUSPENSION ARM ASSEMBLY NO. 2 LH (See page [SP-62](#))**
12. **FULLY TIGHTEN REAR STRUT ROD ASSEMBLY (See page [SP-50](#))**
13. **FULLY TIGHTEN REAR SUSPENSION ARM ASSEMBLY NO. 1 LH (See page [SP-53](#))**
14. **INSPECT AND ADJUST REAR WHEEL ALIGNMENT**
HINT:
(See page [SP-7](#))
15. **CHECK HEADLIGHT AIM ONLY (w/ HID)**
(See page [LI-196](#))
16. **CHECK ABS SPEED SENSOR SIGNAL**
HINT:
(See page [BC-16](#))