

Rear

General Description

Rear Drive Shaft Construction

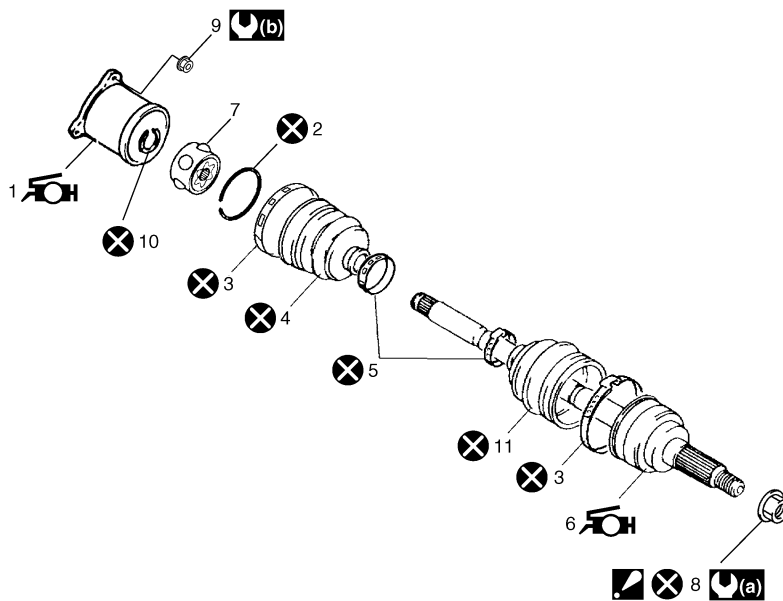
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Refer to "Front Drive Shaft Construction".

Repair Instructions

Rear Drive Shaft Components

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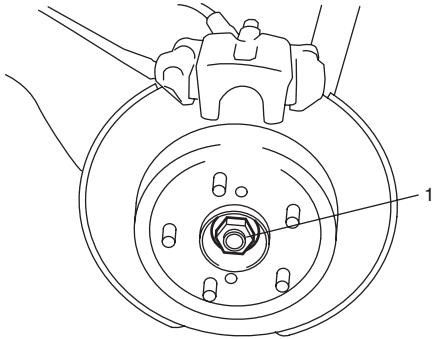
1. Differential side joint (Constant velocity DOJ) : Apply dark gray grease included in spare part to joint.	6. Wheel side joint (Constant velocity ball joint) : Apply black grease included in spare part to joint.	11. Boot (wheel side)
2. Snap ring	7. Cage	: 175 N·m (17.5 kgf·m, 126.5 lb-ft)
3. Boot band (Large)	8. Drive shaft nut : After tightening nut, caulk nut securely.	: 50 N·m (5.0 kgf·m, 36.5 lb-ft)
4. Boot (Differential side)	9. Rear drive shaft flange nut	: Do not reuse.
5. Boot band (Small)	10. Circlip	

Rear Drive Shaft Assembly Removal and Installation

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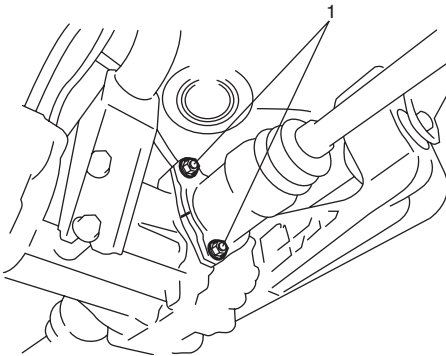
Removal

- 1) Hoist vehicle and remove rear wheel.
- 2) Undo caulking of drive shaft nut (1) and then remove drive shaft nut with pull up parking brake lever.



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- 3) Remove rear drive shaft flange nuts (1), and then remove rear drive shaft.



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Installation

Install drive shaft assembly by reversing removal procedure and noting the following points.

⚠ CAUTION

- **Protect boots from any damage, preventing them from unnecessary contact while installing drive shaft.**
 - **Do not hit joint boot with hammer. Inserting joint only by hands is allowed.**
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- Tighten each nuts to specified torque referring to "Rear Drive Shaft Components".

Rear Drive Shaft Disassembly and Reassembly

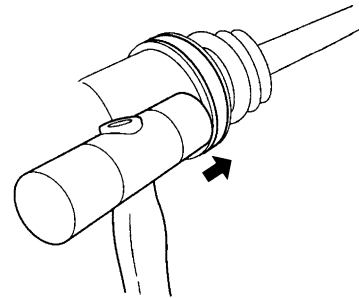
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Disassembly

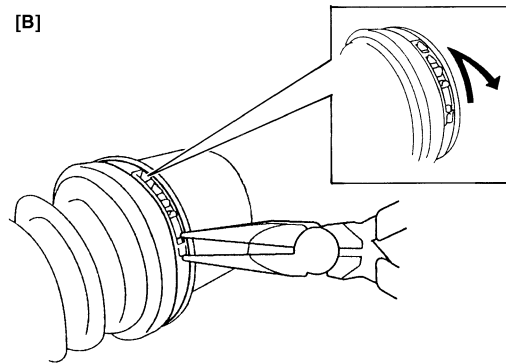
Refer to "Front Drive Shaft Disassembly and Reassembly" note the following point which is different from the front drive shaft is described.

- Remove differential side boot big band and small band as follows.
 - For boot big band (and small band) without joint [A]: Remove boot big band (and small band) by tapping boot and band with plastic hammer. If it is hard to remove boot big band (and small band), cut it using a nipper or an iron saw with care not to damage joint housing.
 - For boot big band (and small band) with joint [B]: Draw hooks of boot big band (and small band) together and remove band.

[A]



[B]



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Reassembly

Refer to "Front Drive Shaft Disassembly and Reassembly" note the following points which is different from the front drive shaft is described.

- Apply grease to each joint.

Grease color

Wheel side: Black

Differential side: Dark gray

Amount

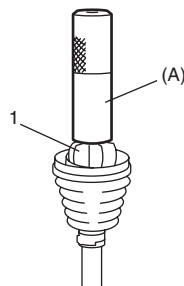
Wheel side: 50 – 70 g (1.8 – 2.5 oz)

Differential side: 70 – 90 g (2.5 – 3.2 oz)

- Drive in the cage (1) by using special tool.

Special tool

(A): 09913-84510

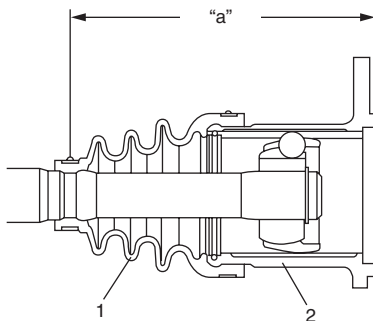


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- Fit differential side boot as follows.
 - Fit boot (1) to grooves of shaft and housing (2) adjust length to specification below.
 - Insert screw driver into boot and allow air to enter boot so that air pressure in boot becomes the same as atmospheric pressure.

Drive shaft boot fixing position (distance between housing end and small boot band center)

Left side and right side drive shafts "a": 142.5 mm (5.61 in.)



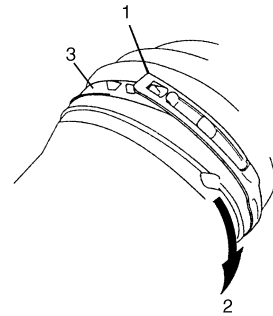
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- Fasten differential side boot band as follows.

⚠ CAUTION

- Bend each boot band against forward rotation.
- Do not squeeze or distort boot when fastening it with bands. Distorted boot caused by squeezing air may reduce its durability.

- Place differential side boot new big band (3) and new small band onto boot putting band outer end (1) against forward rotation (2) as shown in figure.

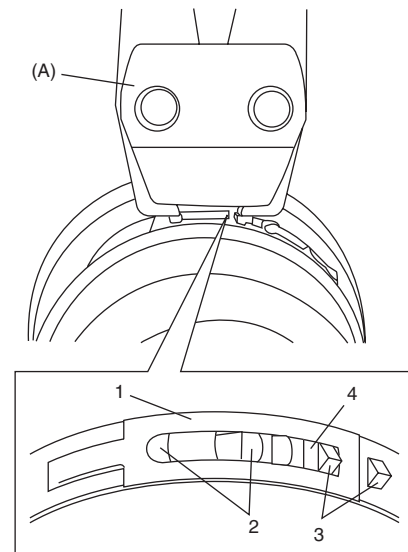


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- Fasten differential side boot new big band (1) and new small band by drawing hooks (2) with special tool and engage hooks (3) in slot and window (4).

Special tool

(A): 09943-57021



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Specifications

Tightening Torque Specifications

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NOTE

The specified tightening torque is also described in the following.
"Rear Drive Shaft Components"

Reference:

For the tightening torque of fastener not specified in this section, refer to "Fasteners Information in Section 0A".

Special Tools and Equipment

Recommended Service Material

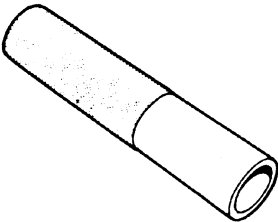
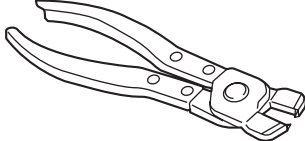
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NOTE

Required service material is also described in the following.
"Rear Drive Shaft Components"

Special Tool

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<p>09913-84510 Bearing installer</p> 	<p>09943-57021 Pliers, Low-Profile Clamp</p> 
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