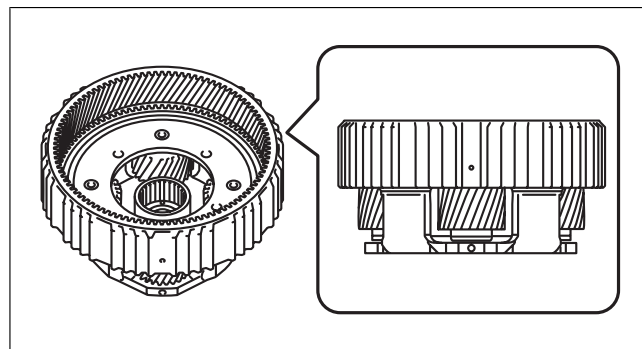


REAR PLANETARY GEAR INSPECTION

id051700662100

Radial Needle Bearing Inspection (in Pinion Gear)

1. Place the rear planetary gear with the front internal gear side pointing upward on a workbench.

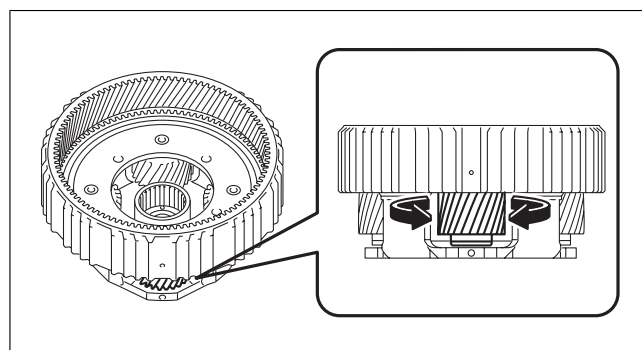


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2. Rotate the pinion gears by hand and verify that there is no malfunction in the radial needle bearing in the pinion gear (rotation sticking).

Caution

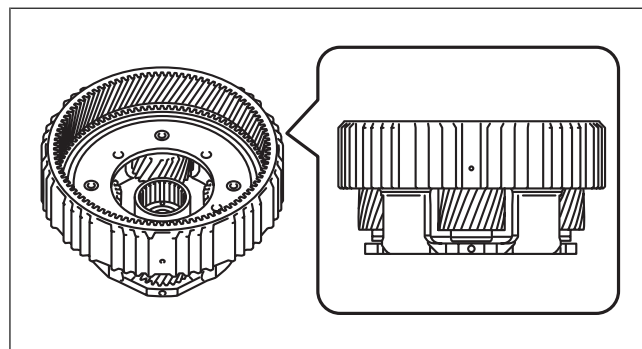
- **Verify all of the pinion gears.**
- If there is a malfunction, disassemble the rear planetary gear and replace the rear planetary carrier with a new one.
(See REAR PLANETARY GEAR DISASSEMBLY.)
(See REAR PLANETARY GEAR ASSEMBLY.)



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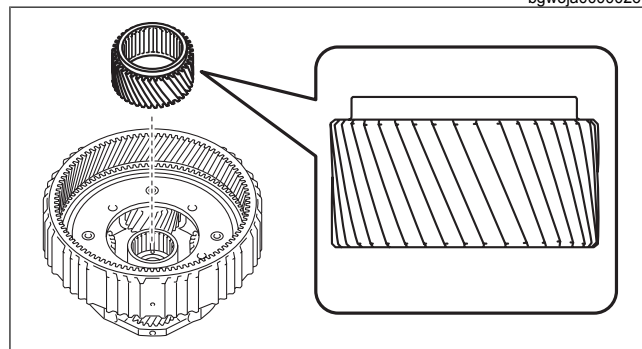
Thrust Needle Bearing Inspection

1. Place the rear planetary gear with the front internal gear side pointing upward on a workbench.

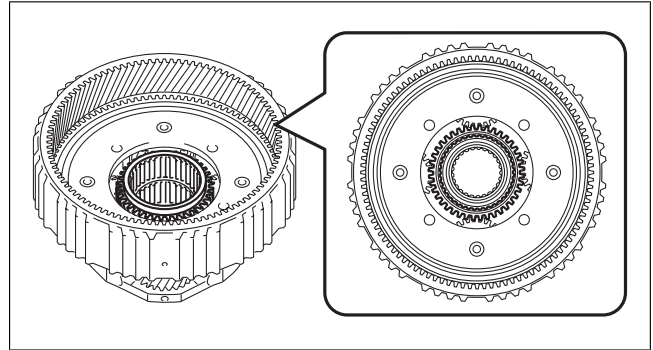


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2. Assemble the rear sun gear to the rear planetary gear.

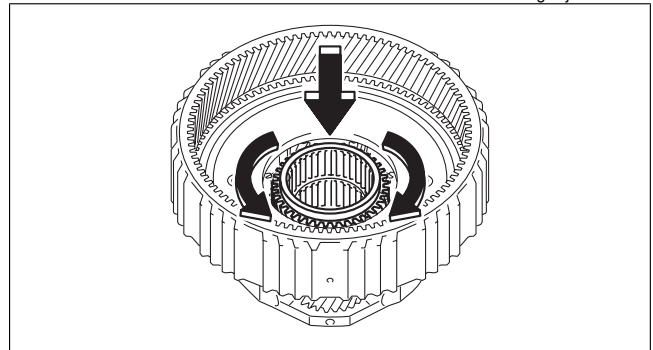


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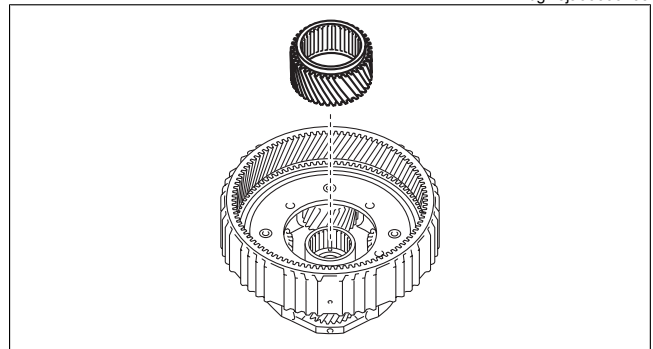
bgw3ja00000264

3. With a load applied by hand to the rear sun gear, rotate the rear sun gear and verify that there is no malfunction in the thrust needle bearing (rotation sticking).
 - If there is a malfunction, disassemble the rear planetary gear and replace the rear planetary carrier with a new one.
(See REAR PLANETARY GEAR DISASSEMBLY.)
(See REAR PLANETARY GEAR ASSEMBLY.)



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4. Remove the rear sun gear.



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Pinion Washer Inspection

Pinion washer visual inspection

1. Visually verify that all of the following washers are between the pinion gear and planetary carrier for one pinion gear.

Caution

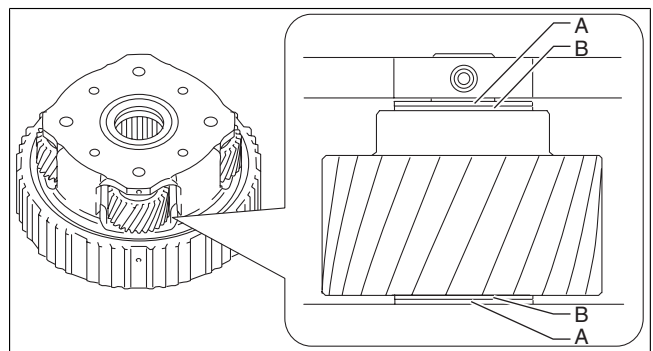
- Verify all of the pinion gears.

- Copper washer (outer side): 2
- Iron washer (inner side): 2

A : Copper washer (outer side)

B : Iron washer (inner side)

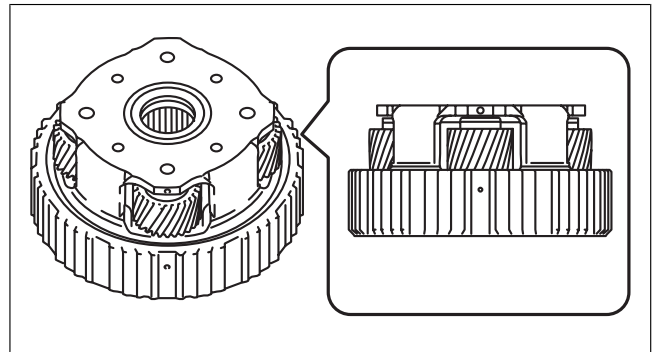
- Even if one of the washers is damaged, disassemble the rear planetary gear and replace the rear planetary carrier with a new one.
(See REAR PLANETARY GEAR DISASSEMBLY.)
(See REAR PLANETARY GEAR ASSEMBLY.)



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Pinion washer wear inspection

1. Place the rear planetary gear with the front internal gear side pointing downward on a workbench.



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2. Measure the gap between the pinion washer and planetary carrier.

Caution

- Measure all of the pinion gears.

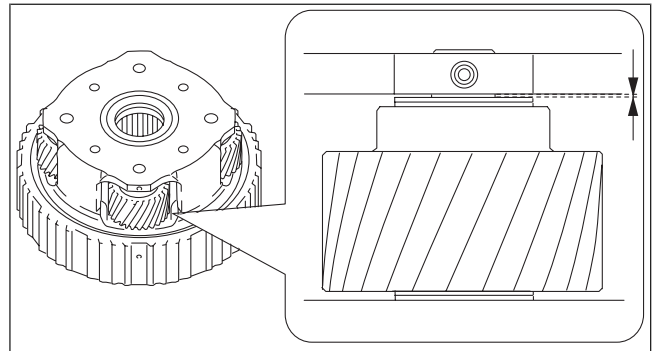
Note

- Recommended measuring instrument: Thickness gauge

Maximum:

0.879 mm {0.0346 in}

- If it is more than the maximum specification, disassemble the rear planetary gear and replace the rear planetary carrier with a new one.
(See REAR PLANETARY GEAR DISASSEMBLY.)
(See REAR PLANETARY GEAR ASSEMBLY.)



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