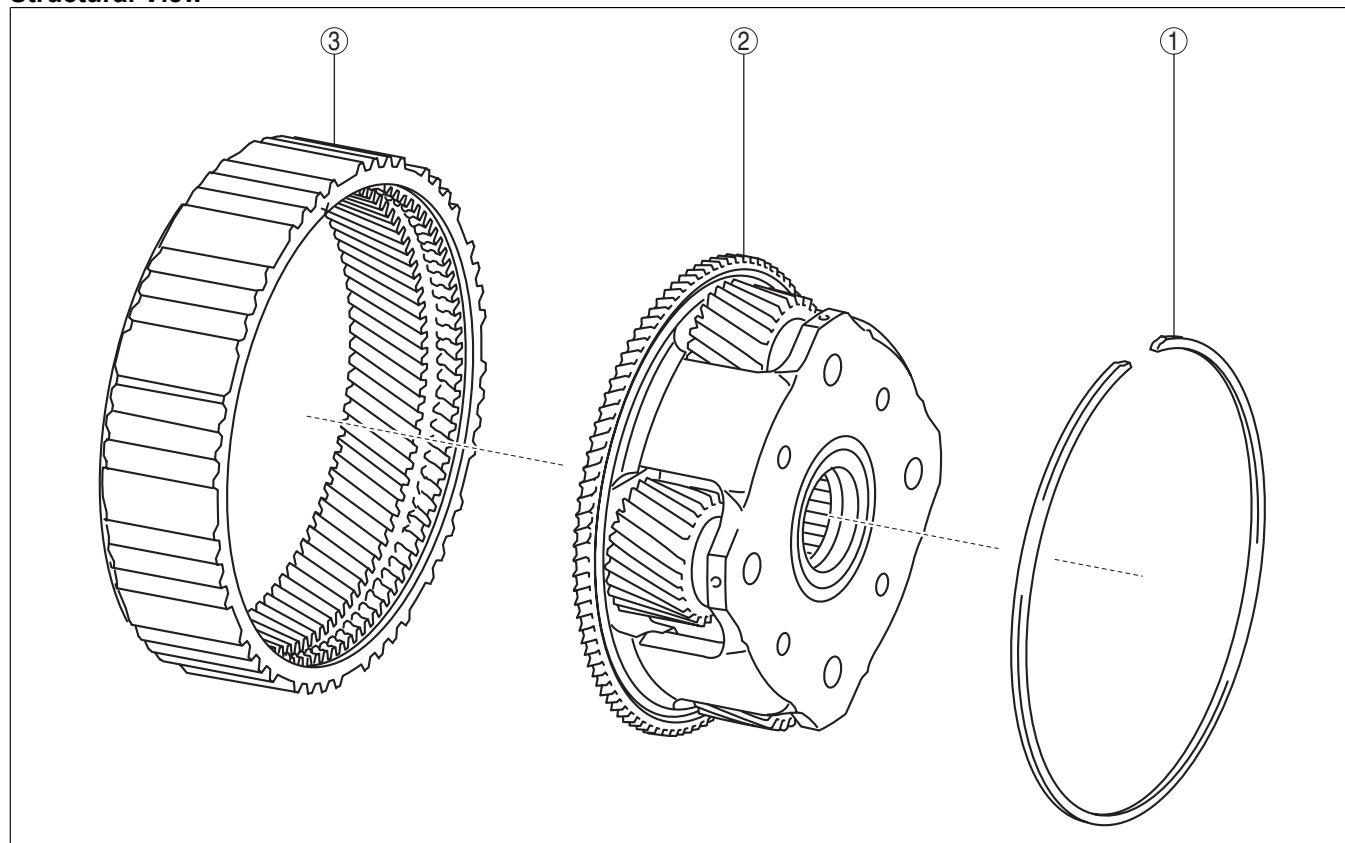


REAR PLANETARY GEAR DISASSEMBLY

id051700660900

Structural View



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1	Snap ring
2	Rear planetary carrier

3	Front internal gear
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Disassembly Procedure

1. Perform the following inspection:

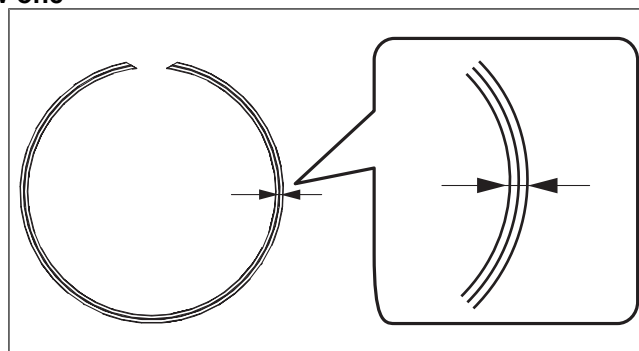
Caution

- If there is no malfunction based on the results of the inspection, it is not necessary to disassemble the rear planetary gear.

- Visual inspection of parts (See VISUAL INSPECTION OF PARTS)
- Rear planetary gear inspection (See REAR PLANETARY GEAR INSPECTION)
- If there is a malfunction, disassemble the rear planetary gear and replace the malfunctioning part with a new part.

Caution

- When replacing the front internal gear or snap ring with a new one, verify the identification mark on the front internal gear and the width of the snap ring, and be careful not to assemble the part incorrectly. Otherwise, the part could be damaged.
 - When replacing front internal gear with new one
 - Verify the width of the snap ring and if it is approx. 3.5 mm {0.14 in}, replace the snap ring with a new one (width of snap ring: approx. 4.0 mm {0.16 in}).



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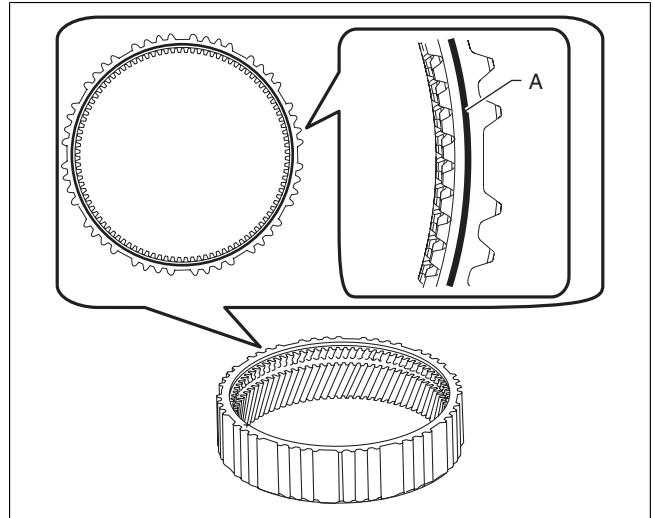
— **When replacing snap ring with new one**

- **Verify the identification mark on the front internal gear and if there is no identification mark, replace the front internal gear with a new one (front internal gear with identification mark).**

Note

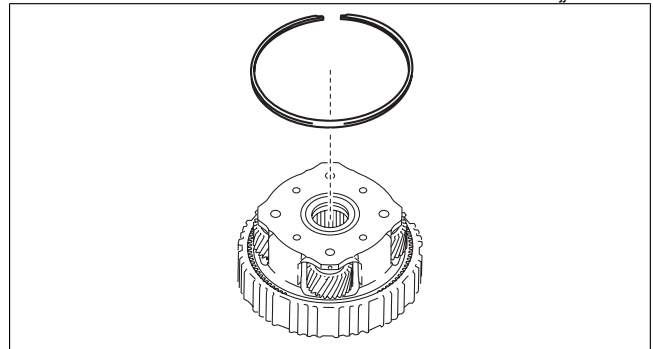
- The identification mark on the front internal gear is a thin line with a width of 1 mm {0.04 in} on the end surface of the front internal gear on the snap ring side.

A: Identification mark



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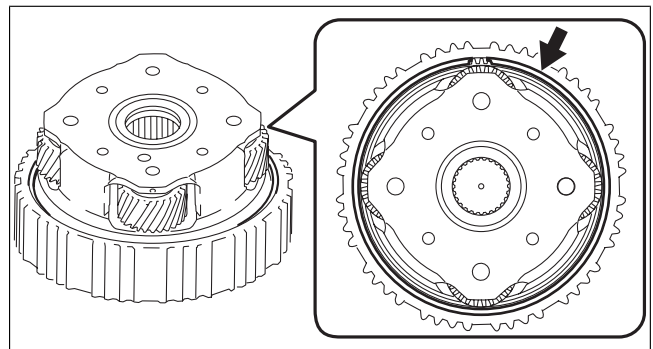
2. Remove the snap ring.



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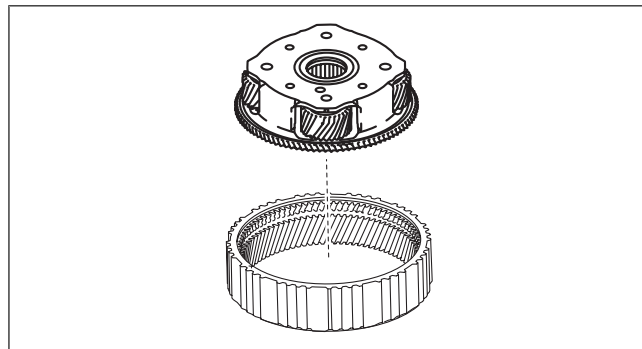
Note

- When removing the snap ring, insert a precision flathead screwdriver into the position (between front internal gear and snap ring brim) shown in the figure and the snap ring can be easily removed by prying the snap ring brim.



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3. Remove the rear planetary carrier.
 4. Clean the disassembled parts. (See AUTOMATIC TRANSAXLE CLEANING.)



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