

R-3-5 BRAKE [FW6A-EL, FW6AX-EL]

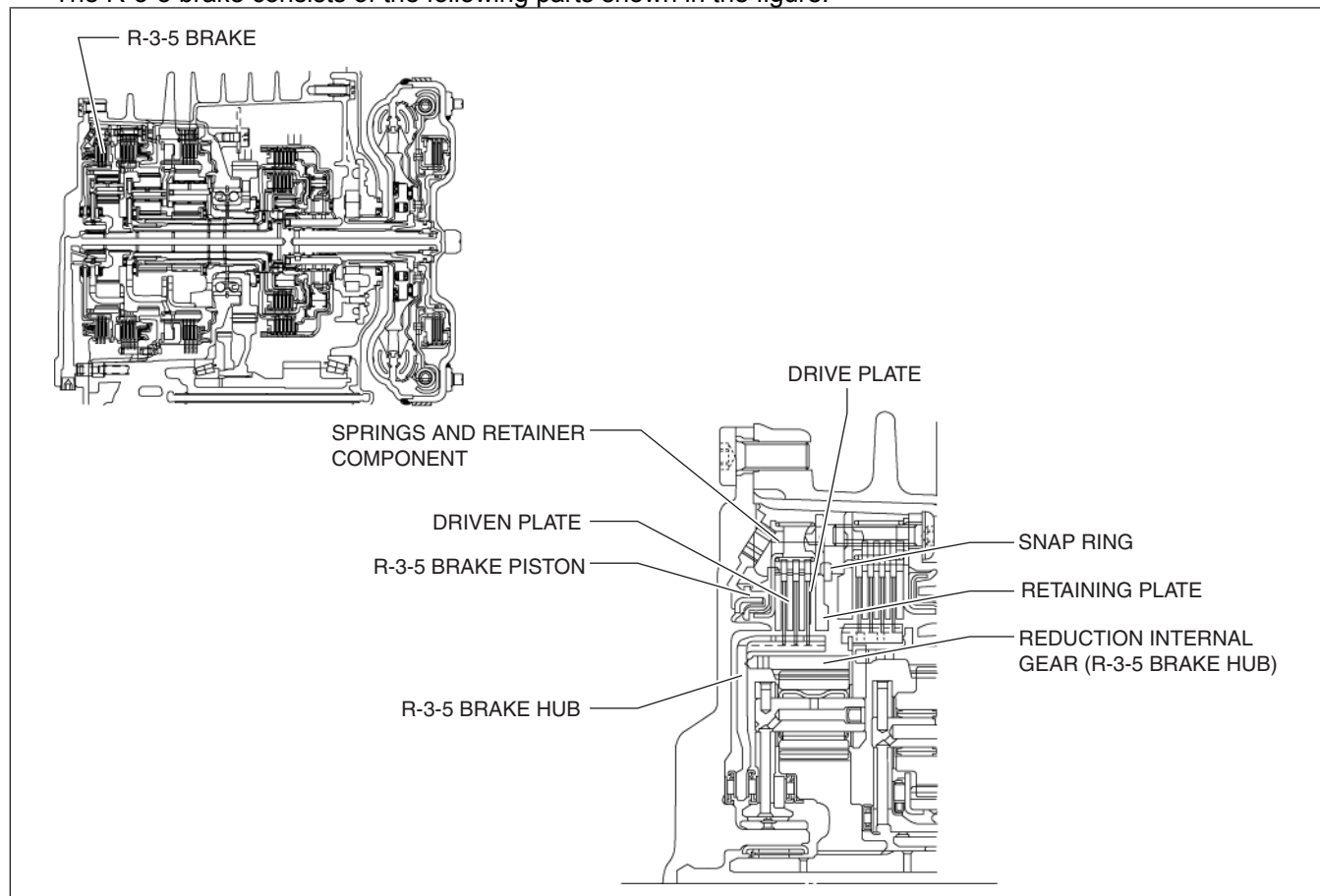
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Purpose/Function

- The R-3-5 brake operates in 3GR, 5GR and in reverse to lock the reduction internal gear against rotation.

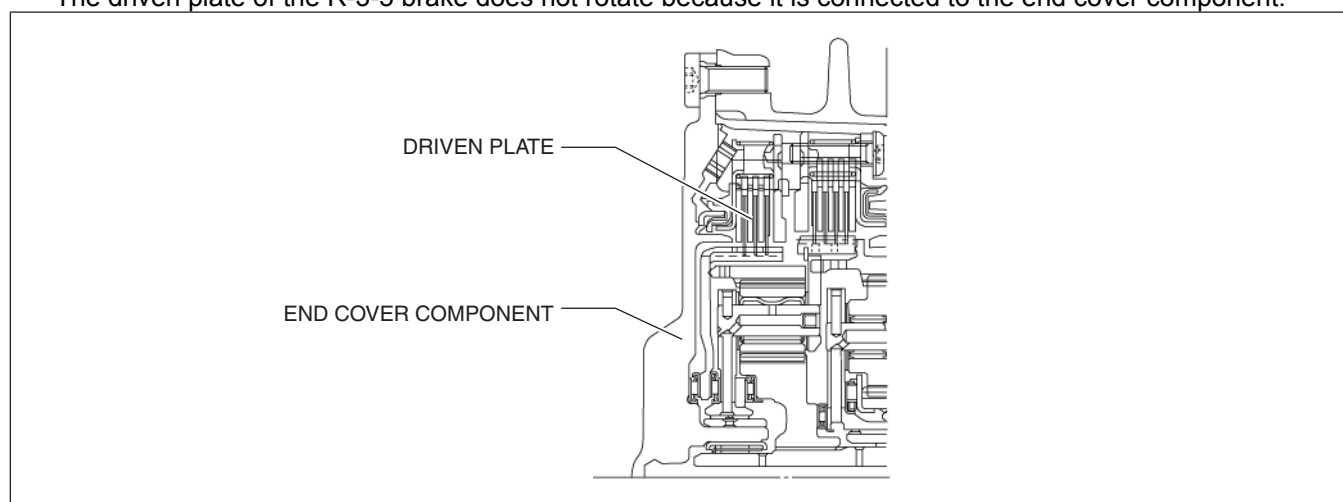
Construction

- The R-3-5 brake consists of the following parts shown in the figure.



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- The driven plate of the R-3-5 brake does not rotate because it is connected to the end cover component.

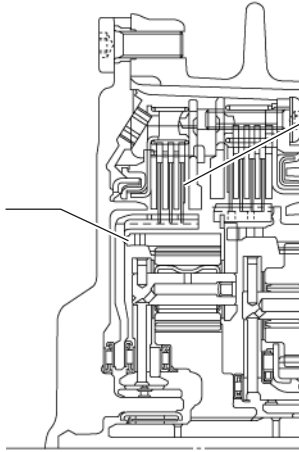


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- The R-3-5 brake drive plate is engaged with the R-3-5 brake hub and reduction internal gear, and locks the reduction internal gear.

R-3-5 BRAKE HUB
(REDUCTION INTERNAL GEAR)

DRIVE PLATE



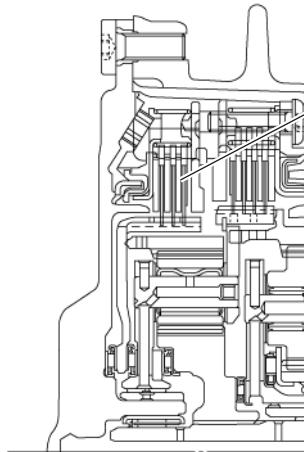
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- For the R-3-5 brake piston, a compact and highly reliable bonded seal piston has been adopted in which the piston and seal are molded together.

Operation

- When hydraulic pressure is applied to the R-3-5 brake piston, the drive plate and driven plate are pressure bonded to lock the reduction internal gear.

R-3-5 BRAKE



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