

2-6 BRAKE [FW6A-EL, FW6AX-EL]

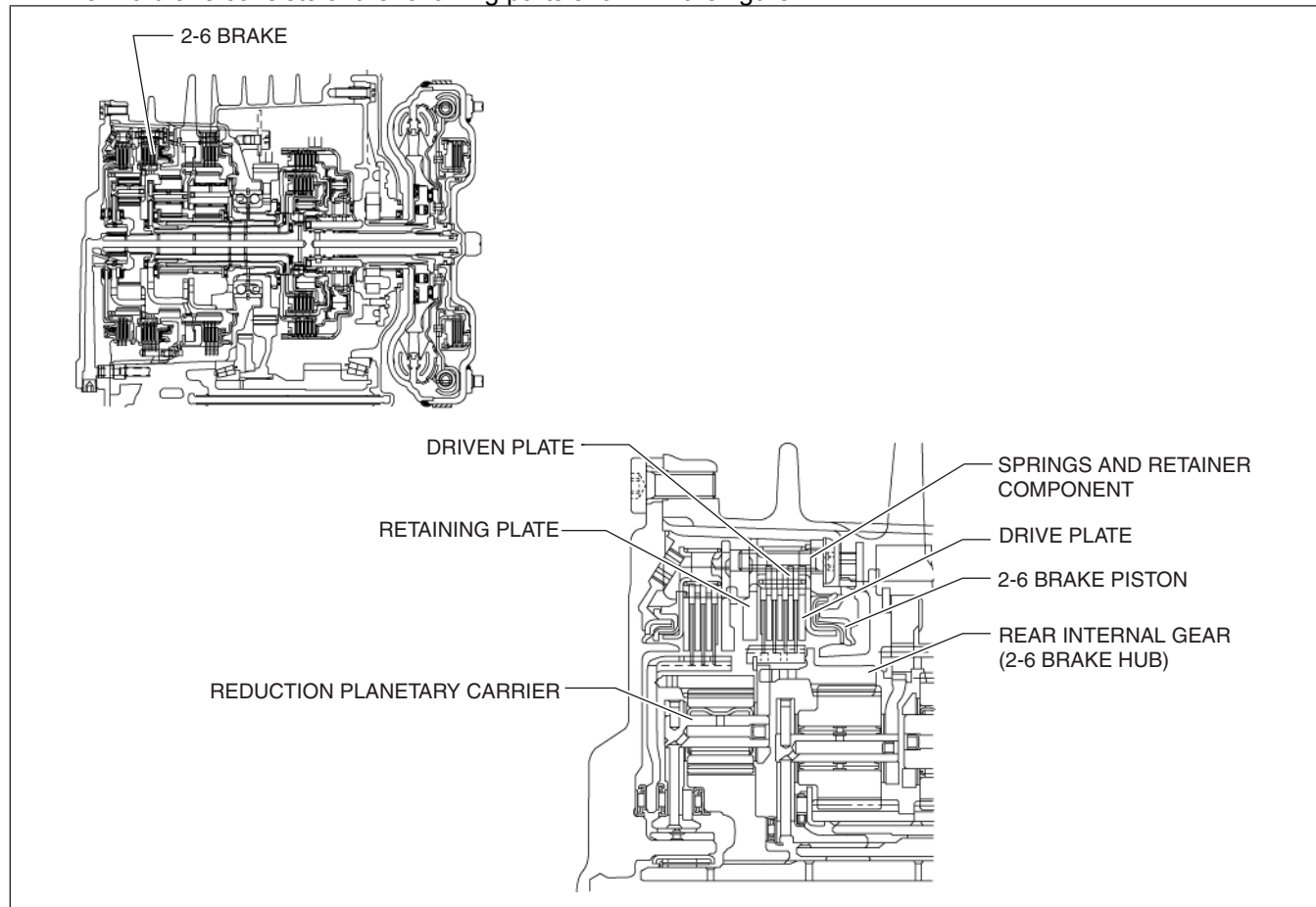
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Purpose/Function

- The 2-6 brake locks the rear internal gear and reduction planetary carrier while in 2GR and 6GR.

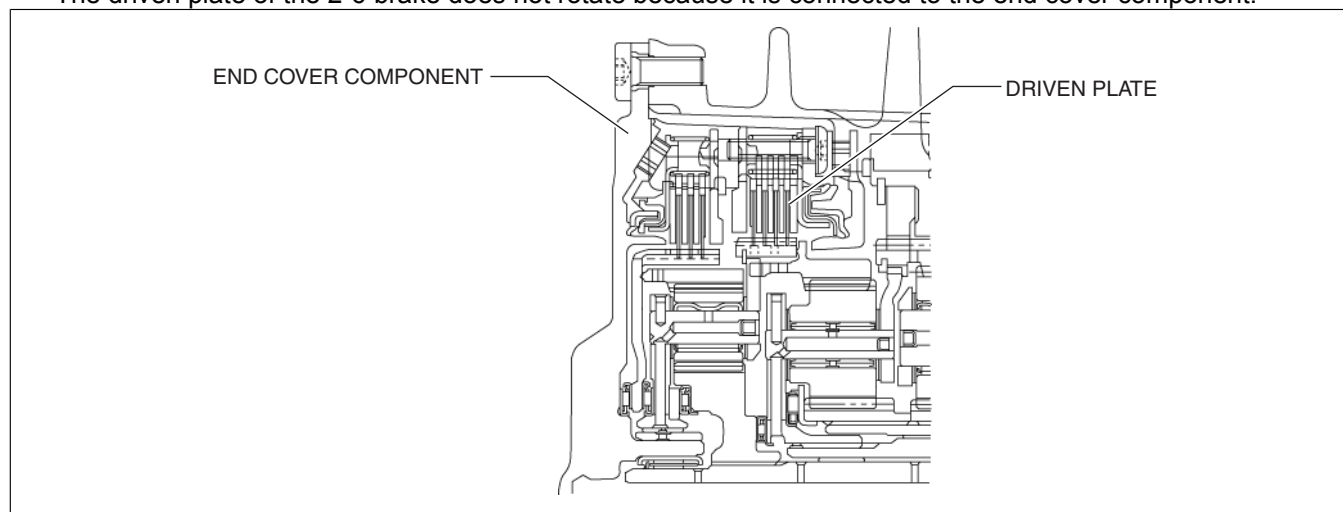
Construction

- The 2-6 brake consists of the following parts shown in the figure.



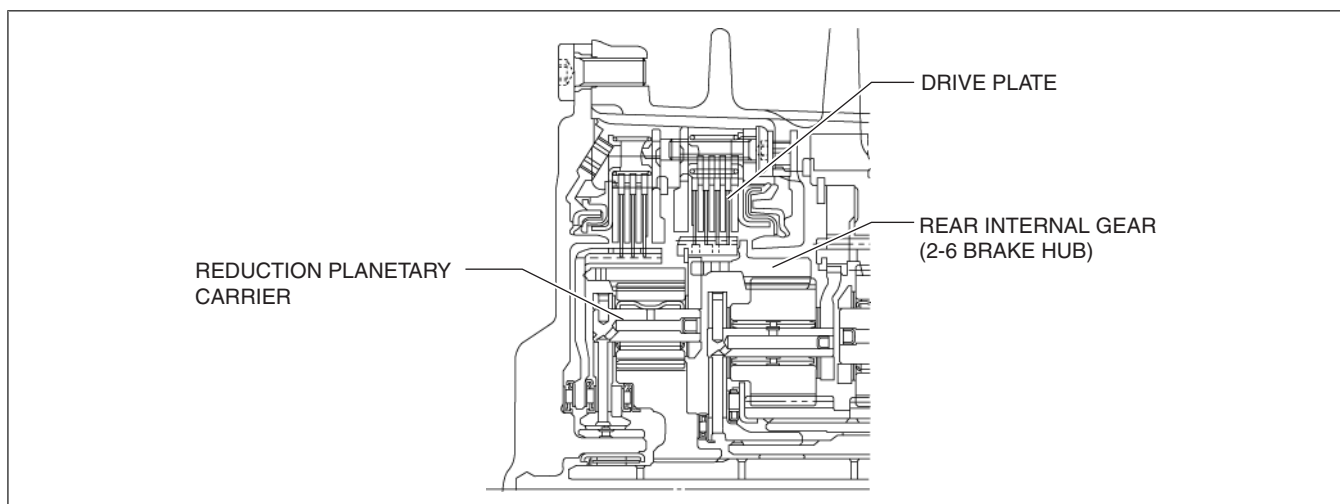
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- The driven plate of the 2-6 brake does not rotate because it is connected to the end cover component.



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- The driven plate of the 2-6 brake is engaged with the 2-6 brake hub and rear internal carrier, and the rear internal carrier is engaged with the reduction planetary carrier through the rear internal gear. Therefore, the rear internal gear and reduction planetary gear are locked by the 2-6 brake.

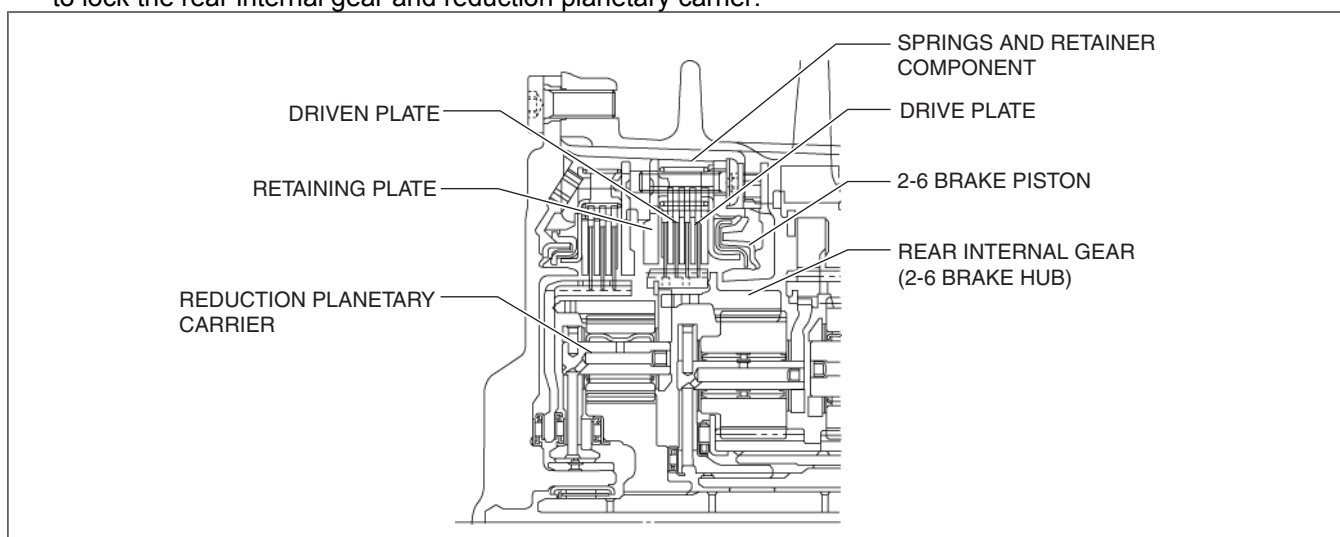


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- For the 2-6 brake piston, a compact and highly reliable bonded seal piston has been adopted in which the piston and seal are molded together.

Operation

- When hydraulic pressure is applied to the 2-6 brake piston, the drive plate and driven plate are pressure bonded to lock the rear internal gear and reduction planetary carrier.



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