

LOW AND REVERSE BRAKE [FW6A-EL, FW6AX-EL]

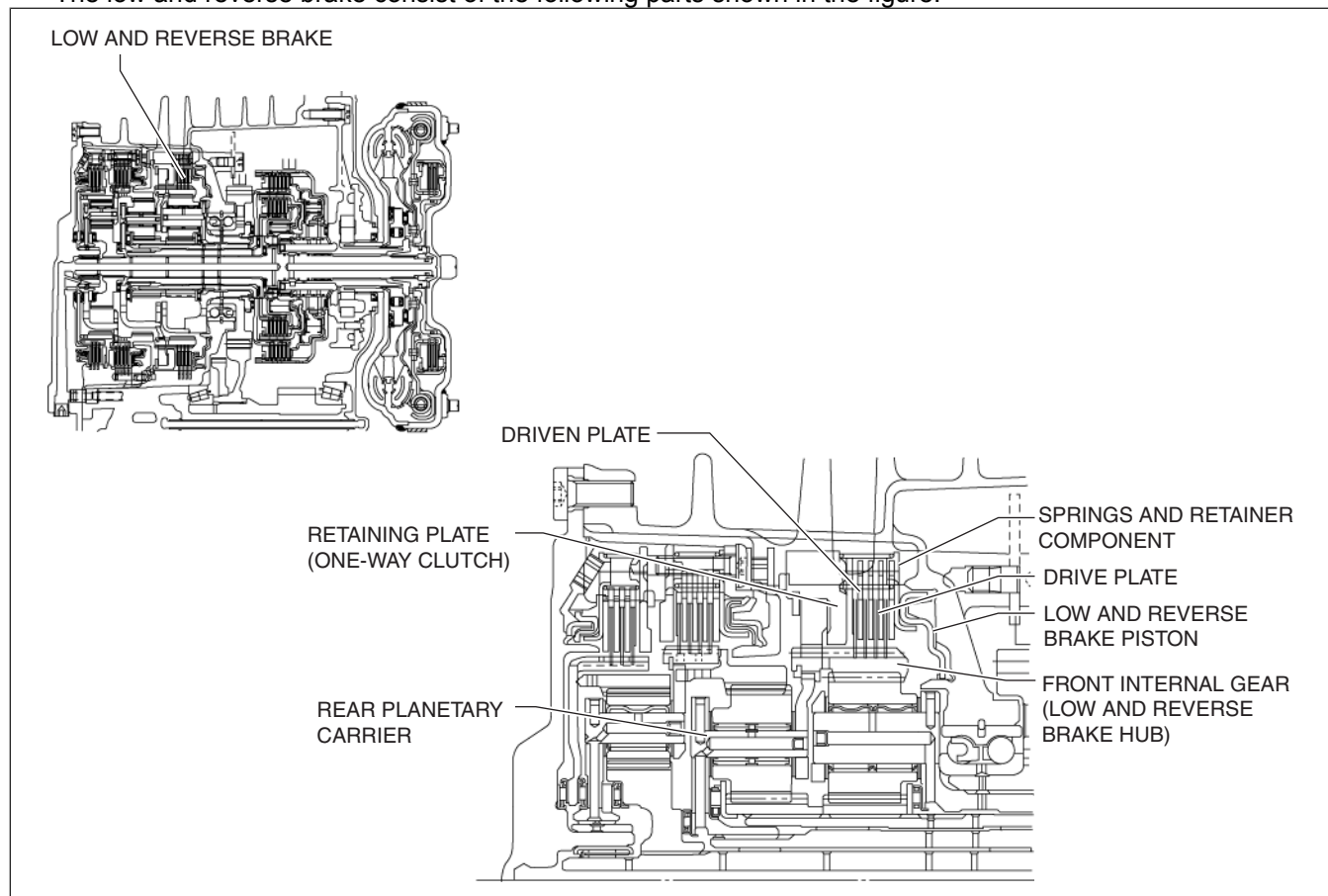
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Purpose/Function

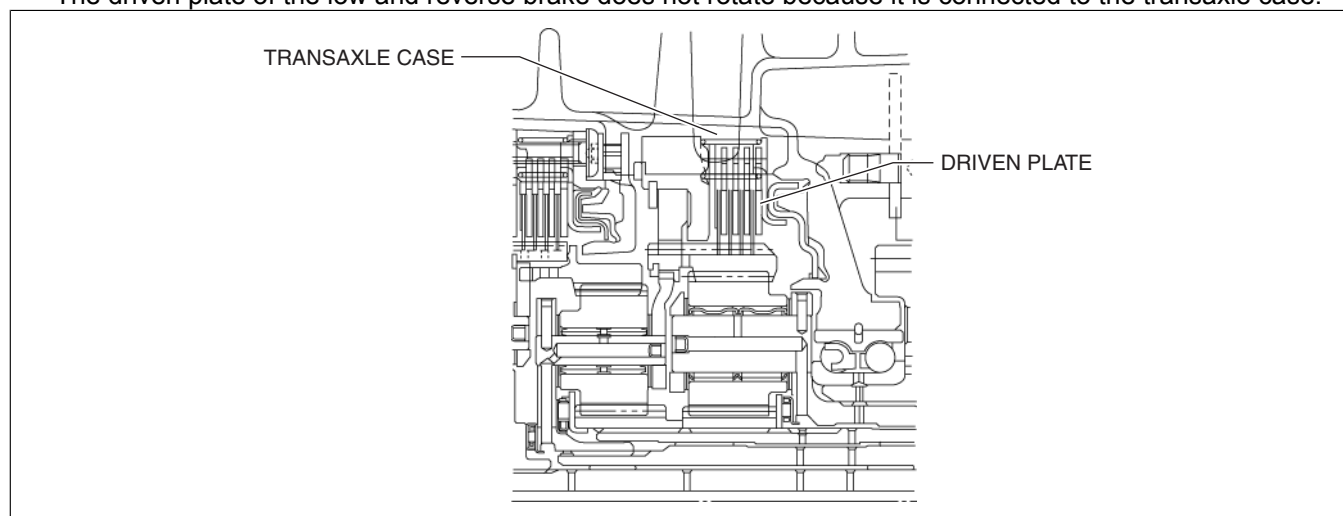
- The low and reverse brake stops the rotation of the front internal gear and rear planetary carrier while in 1GR and in reverse, locking them to the transaxle case.

Construction

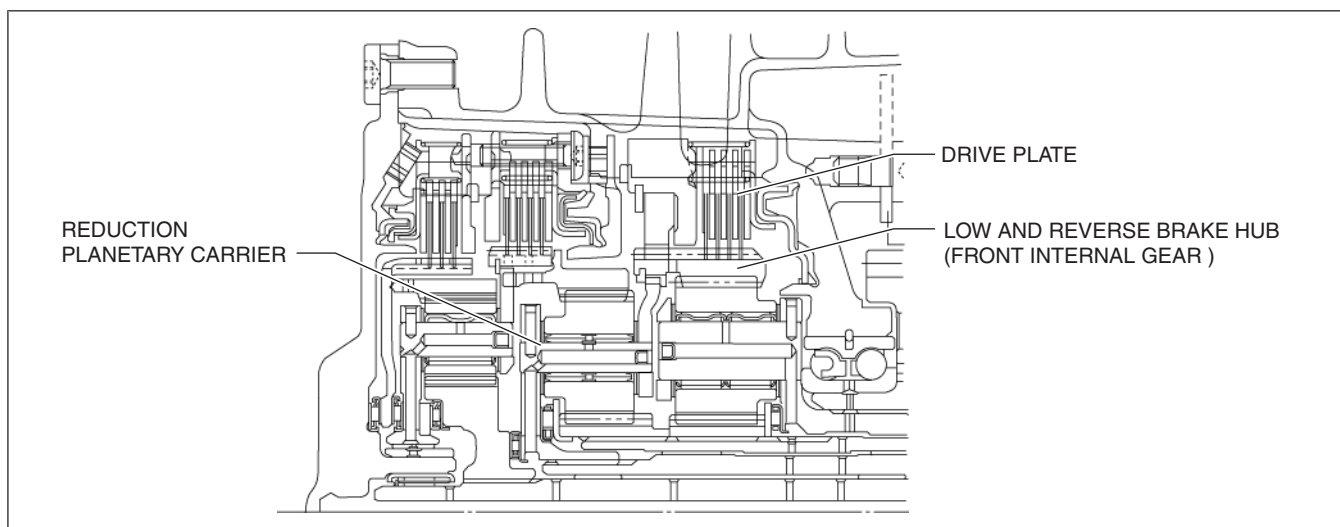
- The low and reverse brake consist of the following parts shown in the figure.



- The driven plate of the low and reverse brake does not rotate because it is connected to the transaxle case.



- The drive plate of the low and reverse brake is engaged with the low and reverse brake hub and front internal gear. Therefore, the rear planetary carrier is locked via the front internal gear.

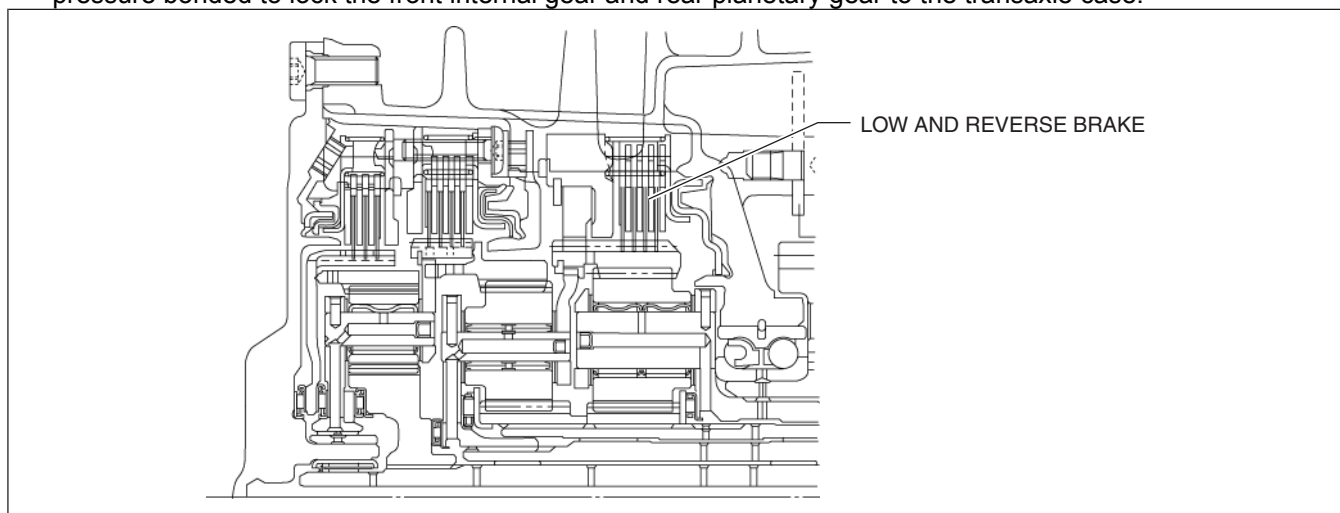


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- For the low and reverse brake piston, a compact and highly reliable bonded seal piston has been adopted in which the piston and seal are molded together.

Operation

- When hydraulic pressure is applied to the low and reverse brake piston, the drive plate and driven plate are pressure bonded to lock the front internal gear and rear planetary gear to the transaxle case.



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