

SIL 18-TR-21
November 12, 2021
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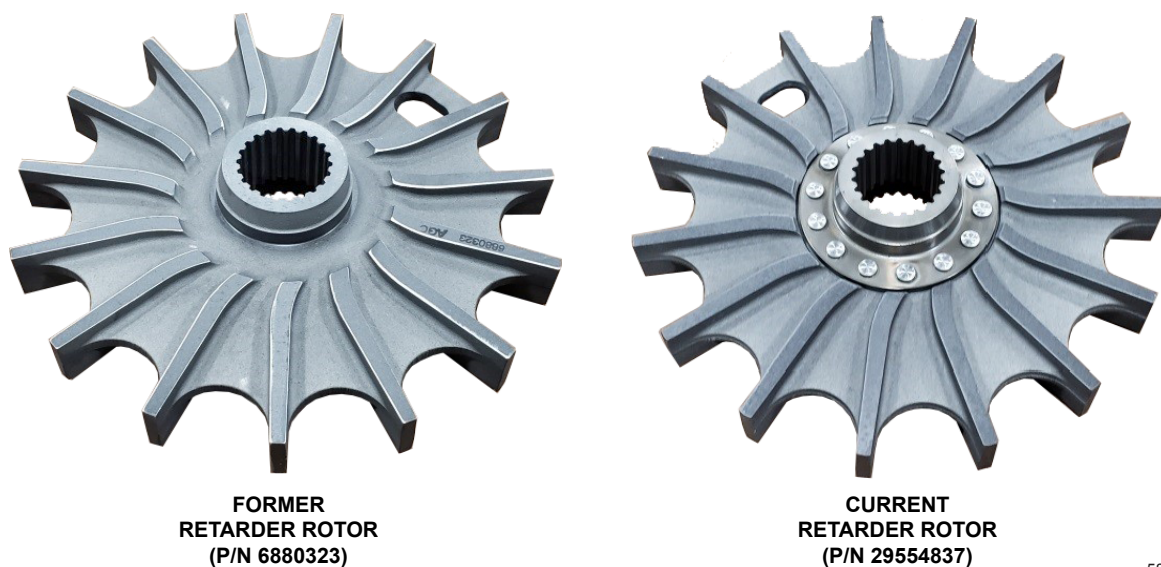
SUBJECT: Cancellation of 5000 and 6000 Series Standard Duty Retarder Rotor

MODELS AFFECTED: All 5000 and 6000 Series transmissions

Introduction:

Effective August 1st, 2019, the heavy duty retarder rotor became a standard feature in all 5000 and 6000 Series transmissions equipped with a retarder. The heavy duty retarder rotor provides increased strength and durability. The heavy duty rotor features a 2-piece design utilizing a steel hub with a slip fit spline. Effective November 1st, 2021, the standard duty retarder rotor is completely cancelled and replaced by the heavy duty retarder rotor for all service needs.

Parts Identification:



5823437

Figure 1. Former and Current Retarder Rotor

BK / SL8908EN

5810097

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Please Note: Allison Transmission Service Information Letters are intended for use by professional, trained technicians, not for the "do-it-yourselfer." They are written to inform those technicians of conditions that may occur on some transmission models (or serial numbers ranges) or to provide information that could assist in the proper servicing of a specific Allison transmission. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, do not assume that the Service Information Letter applies to your transmission, or that your transmission has the condition described. Product evolution and information updates are inevitable. Please see your authorized Allison Transmission service dealer or distributor to understand if your particular transmission may benefit from the information contained within the Service Information Letter.

Serviceability:

The Heavy Duty Retarder Rotor P/N 29554837 is fully interchangeable backward. The Standard Duty Retarder Rotor P/N 6880323 will remain available until all stock has been exhausted. After stock of the standard duty retarder rotor has been exhausted, the heavy duty retarder rotor must be used.



NOTE: The Standard Duty Retarder Rotor P/N 6880323 should NOT be used to replace a Heavy Duty Retarder Rotor P/N 29554837. Doing so could cause premature failure of the retarder rotor.

The heavy duty retarder rotor features a slip fit spline and it is not required to heat the retarder rotor during installation. All other removal and installation procedures remain unchanged. Refer to SM7463EN for the complete service procedure for the retarder rotor.