

Addressing Detroit DT12 Transmissions that Will Not Go Into Gear

NOTICE TO ALL SERVICE FACILITIES

When servicing Detroit DT12 transmissions built before August 2016, make sure to change the steel split rod and bushing to eliminate a common complaint that the transmission will not go into gear after cold soak. The best time to address this problem is when the transmission is already out of the truck. This will help save significant service time and money in the long run.

(Refer to Detroit Bulletin: No. 18TS-2Rev)

THE CAUSE

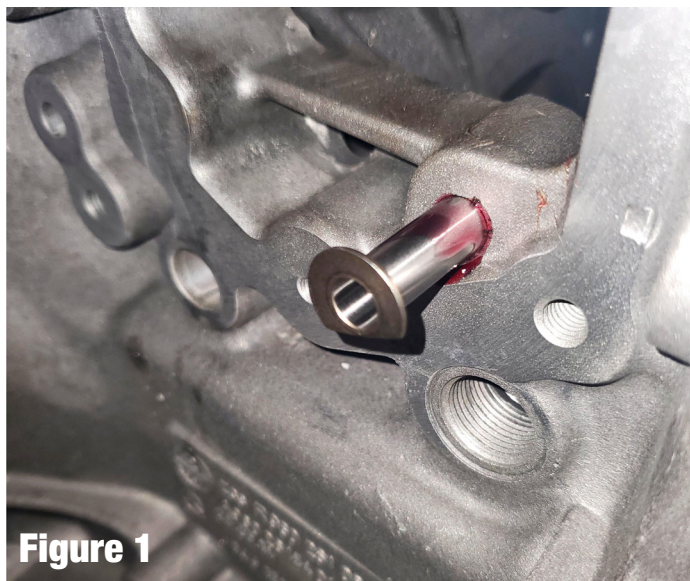
The steel split rod wears on the aluminum transmission housing, causing the split rod to stick. The Shift Controller cannot read the correct position of the split rod and will not shift into gear.

THE OE SOLUTION

In August 2016, the OE manufacturer switched to a “hardened steel bushing” (Figure 1) and new design split rod with three flattened sides (Figure 2).

REPAIR PROCEDURE

All the necessary parts to install the new hardened steel bushing and new design split rod are contained in Service Kit No. A 960 268 23 74 which can be obtained from the OE dealer. **(Refer to Detroit Bulletin: No. 18TS-2Rev)**



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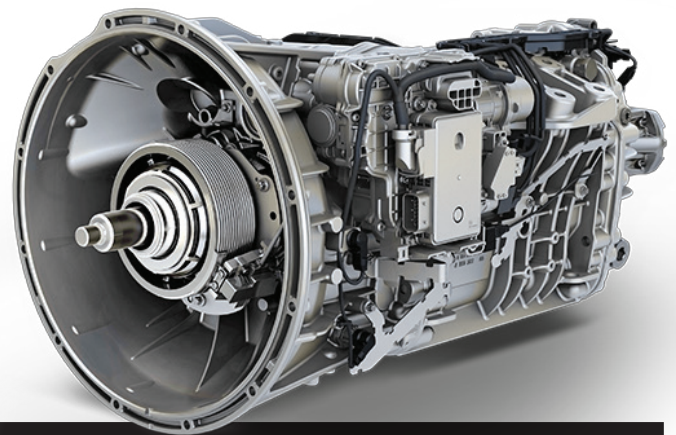
Transmission Serial Number Guideline

TRANSMISSION PARTS IDENTIFICATION GUIDE

Trans S/N First 6 Germany	Trans S/N First 6 Detroit	Torque Rating	Trans Type US - Detroit	Trans Type Germany
715354	716300	1450	DT12-DB	G211
715364	716310	1650	DT12-0B	G230
715374	716320	1750	DT12-DA	G281
715384	716330	2050	DT12-0A	G330
715 Germany Built Transmission	716 Detroit Built Transmission		D = Direct Drive O = Over Drive A = Large Body Transmission B = Small Body Transmission	

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Thank you for giving us the opportunity to serve you.

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