



Technical Service Information

GM 6T70/75

P0741 “TCC STUCK OFF”

COMPLAINT: A GM vehicle equipped with a 6T70/75 transmission may have a complaint of a current DTC P0741 - “TCC Stuck Off” stored in computer memory. This DTC may have been present before overhaul as well as after. The transfer drive gear support seal has been replaced as well as the transfer drive gear support to case seals and these seals are installed in the correct direction as shown in Figure 1.

CAUSE: The transfer drive gear support bushing is worn, see figure 2. When the bushing is worn it allows TCC apply oil to intrude into the TCC release oil circuit which will cause the converter clutch to slip resulting in the setting of DTC P0741, Refer to Figure 3. The bushing is stepped as seen in figure 4, this step allows TCC apply and release oil to be separated.

CORRECTION: Be sure to inspect the transfer drive gear support bushing for any signs of wear. If any wear is seen, replace the bushing using one of the available aftermarket bushing kits, refer to figure 5, or replace the transfer drive gear support.

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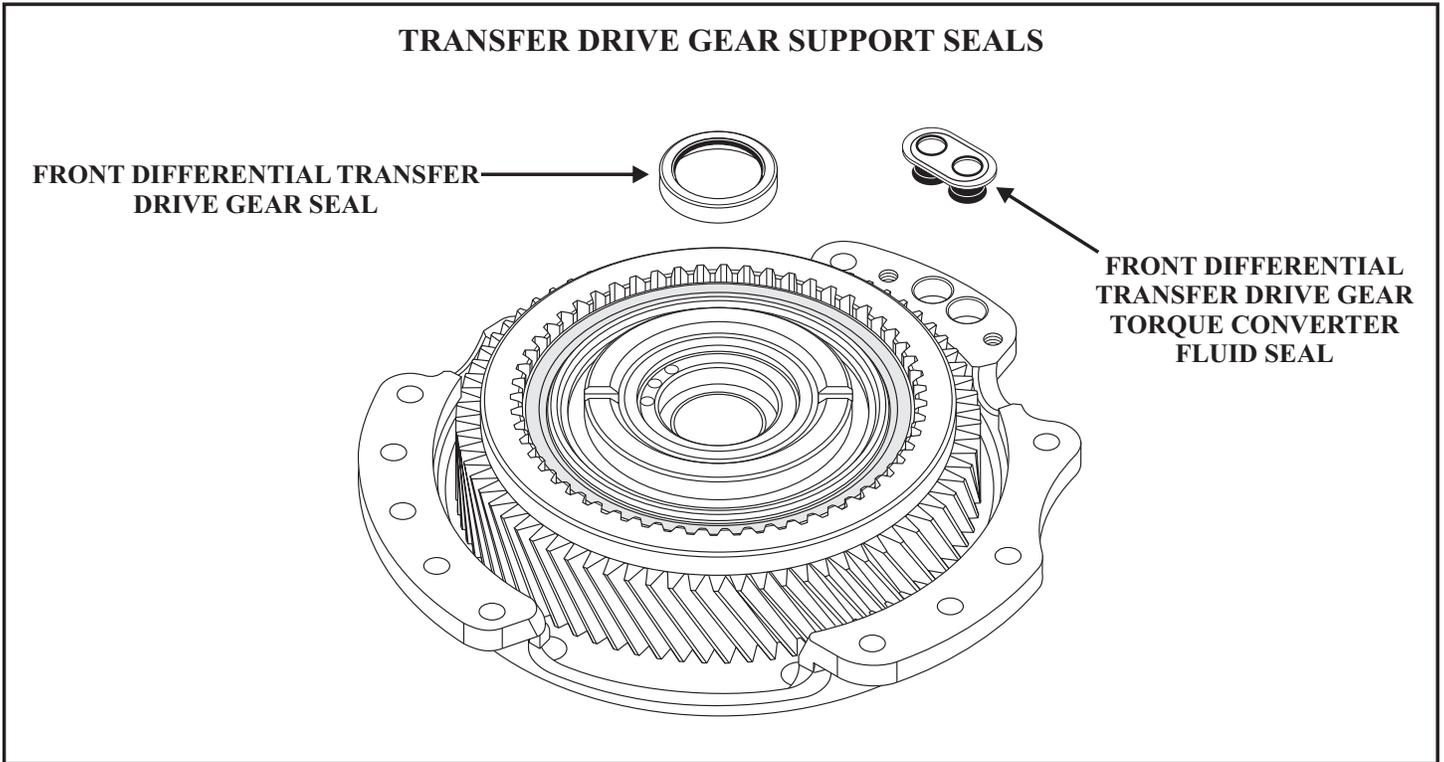


Figure 1

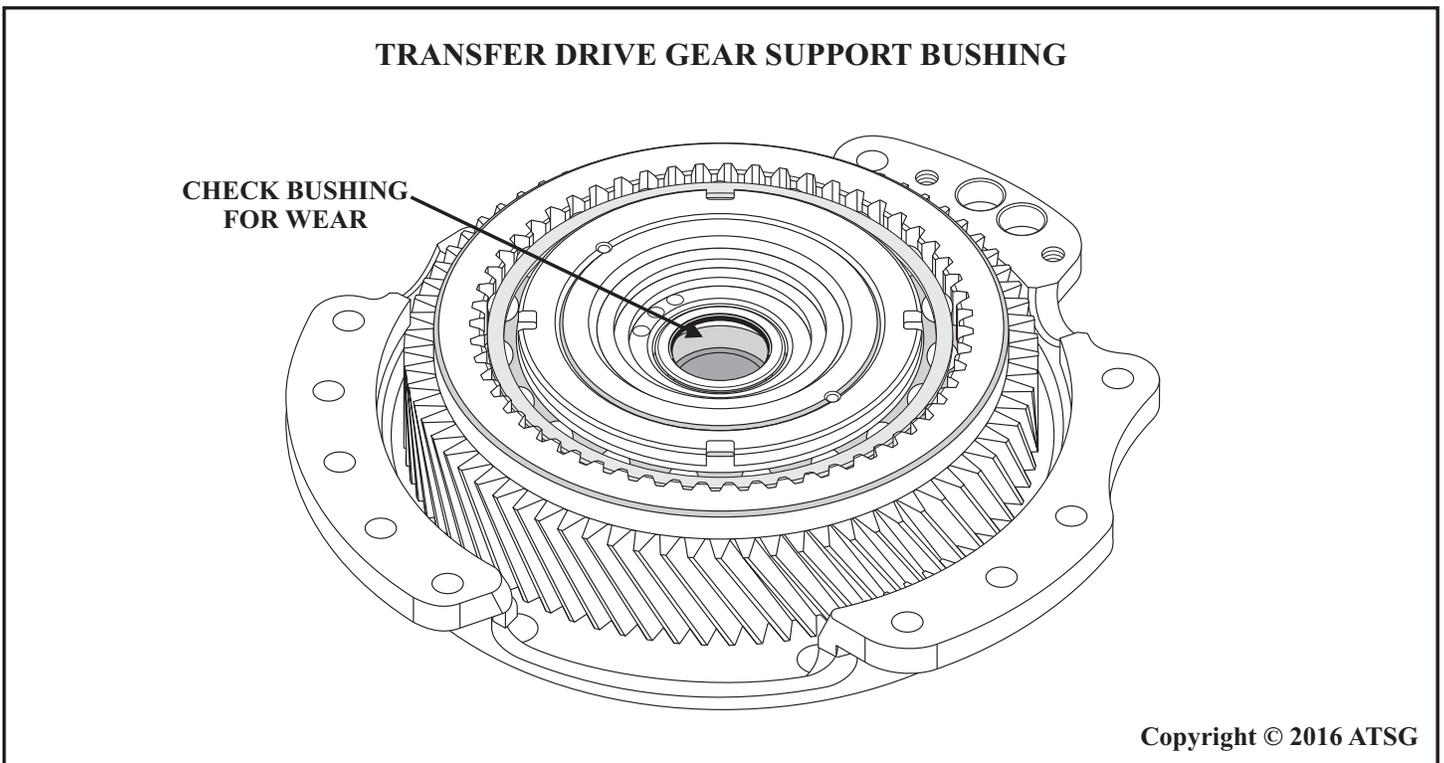


Figure 2

GM 6T70/75 P0741 "TCC STUCK OFF"

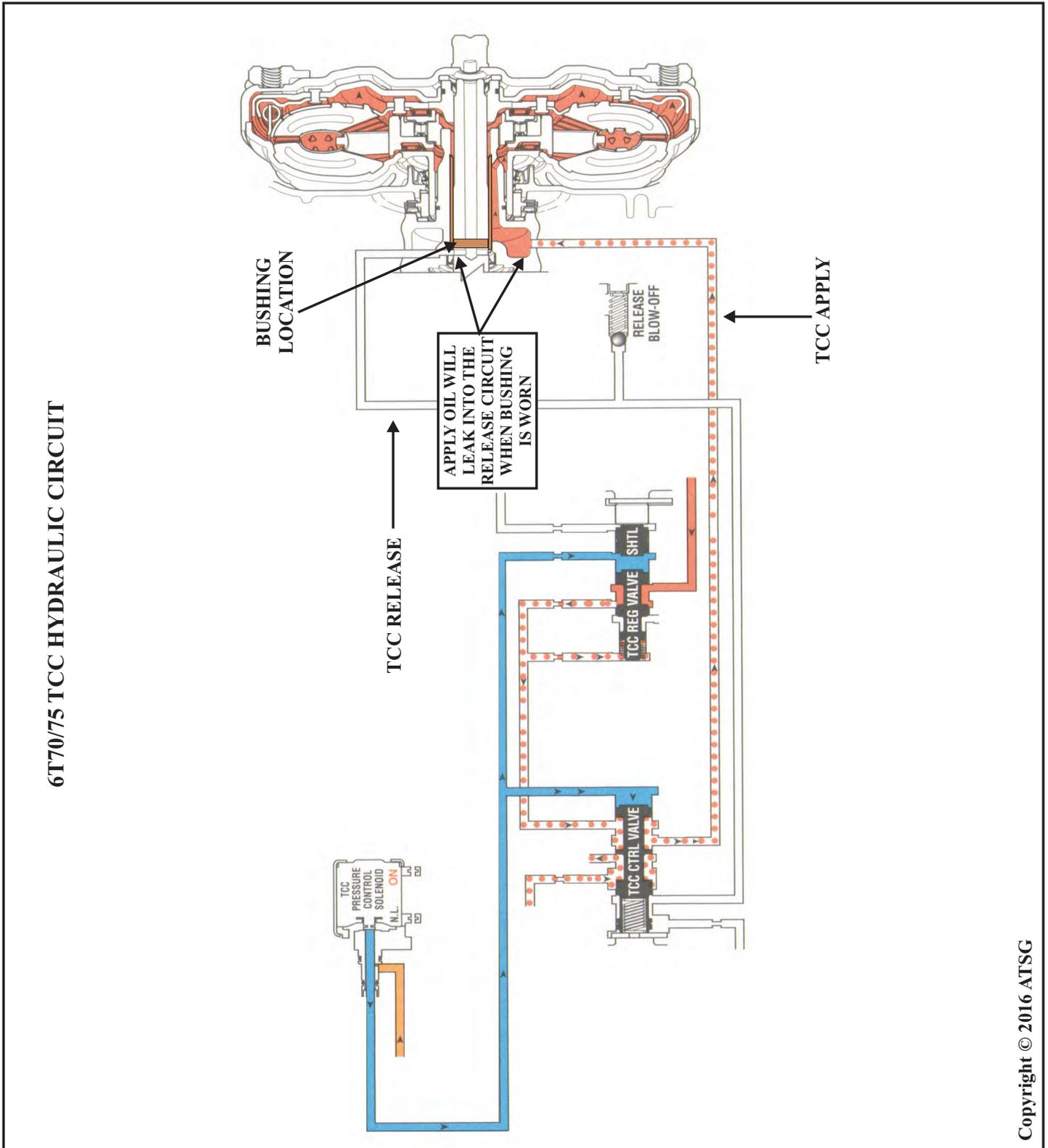


Figure 3



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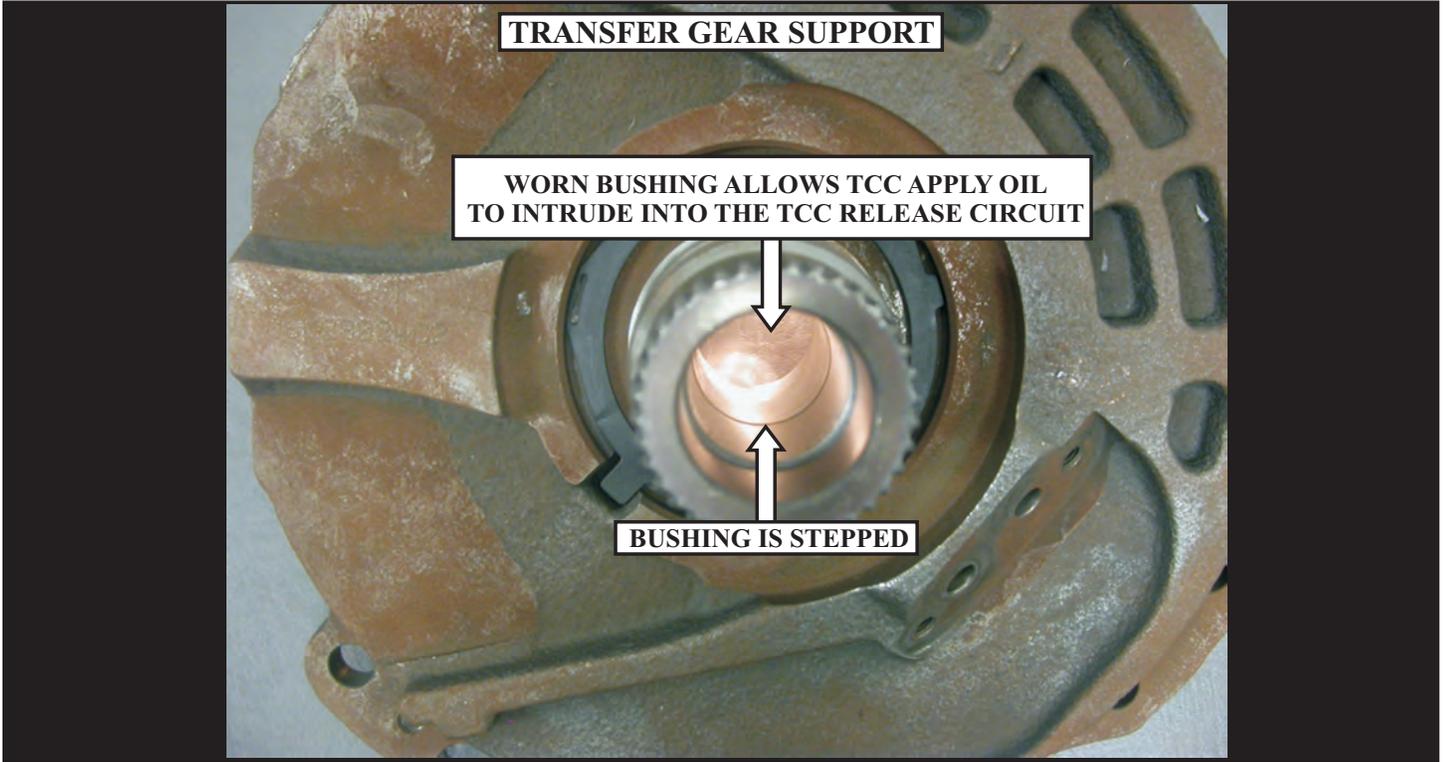


Figure 4

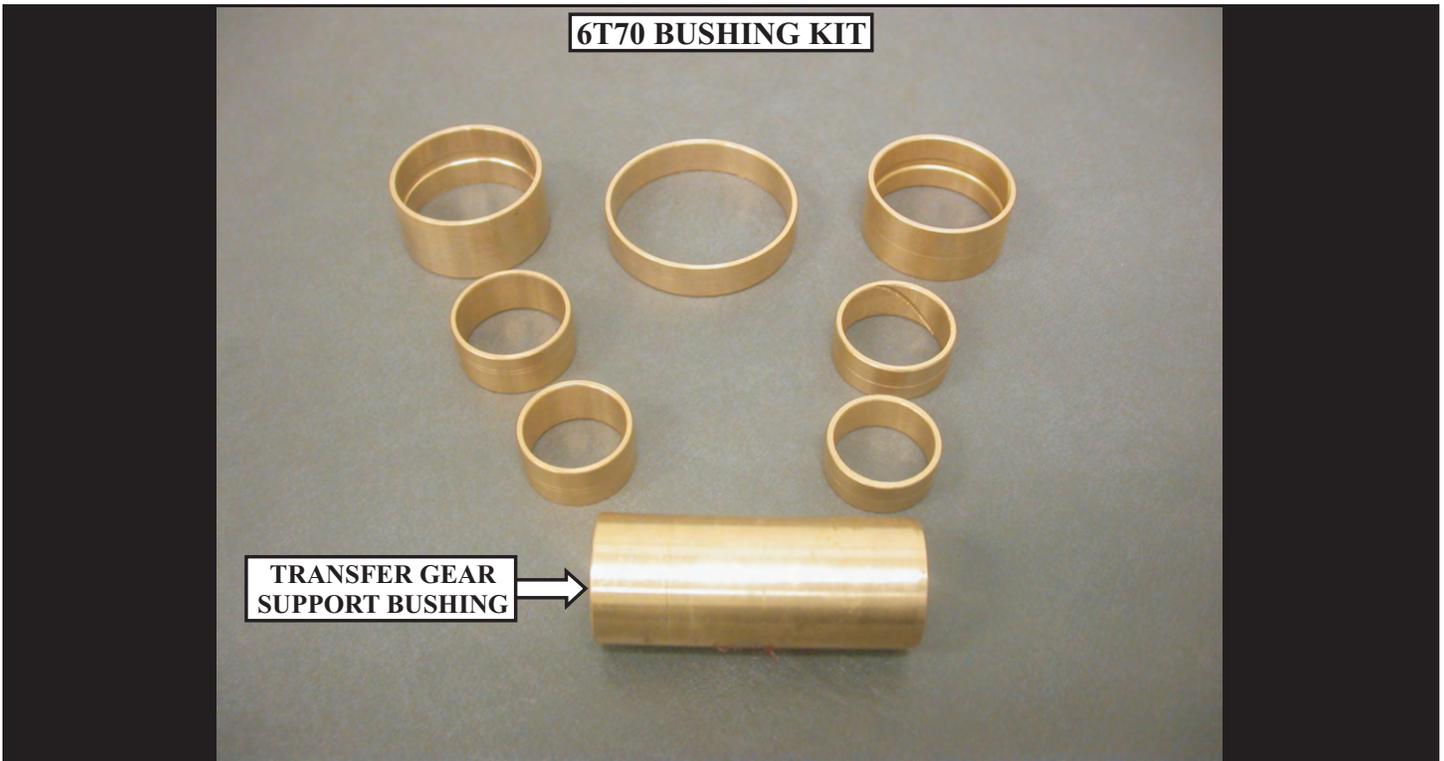


Figure 5