

GM 6T70/75

ENGAGEMENT ISSUES

COMPLAINT: A GM vehicle equipped with the 6T70/75 Transmission has complaints of a bang on reverse engagement, a five second delay into drive and a 2-3 flared shift.

CAUSE: The accumulator piston bores in the valve body channel plate have worn, refer to figures 1 and 2, creating a leak in the clutch circuit that each accumulator piston is responsible for causing these complaints. The wear in the accumulator piston bores have allowed the spring end of the pistons to rotate cutting a chamfer into the spacer plate as seen in figure 3.

CORRECTION: Replace the channel plate, spacer plate and accumulator pistons.

Many thanks to Max Dease from King Transmission for sharing his photos and experience with ATSG.

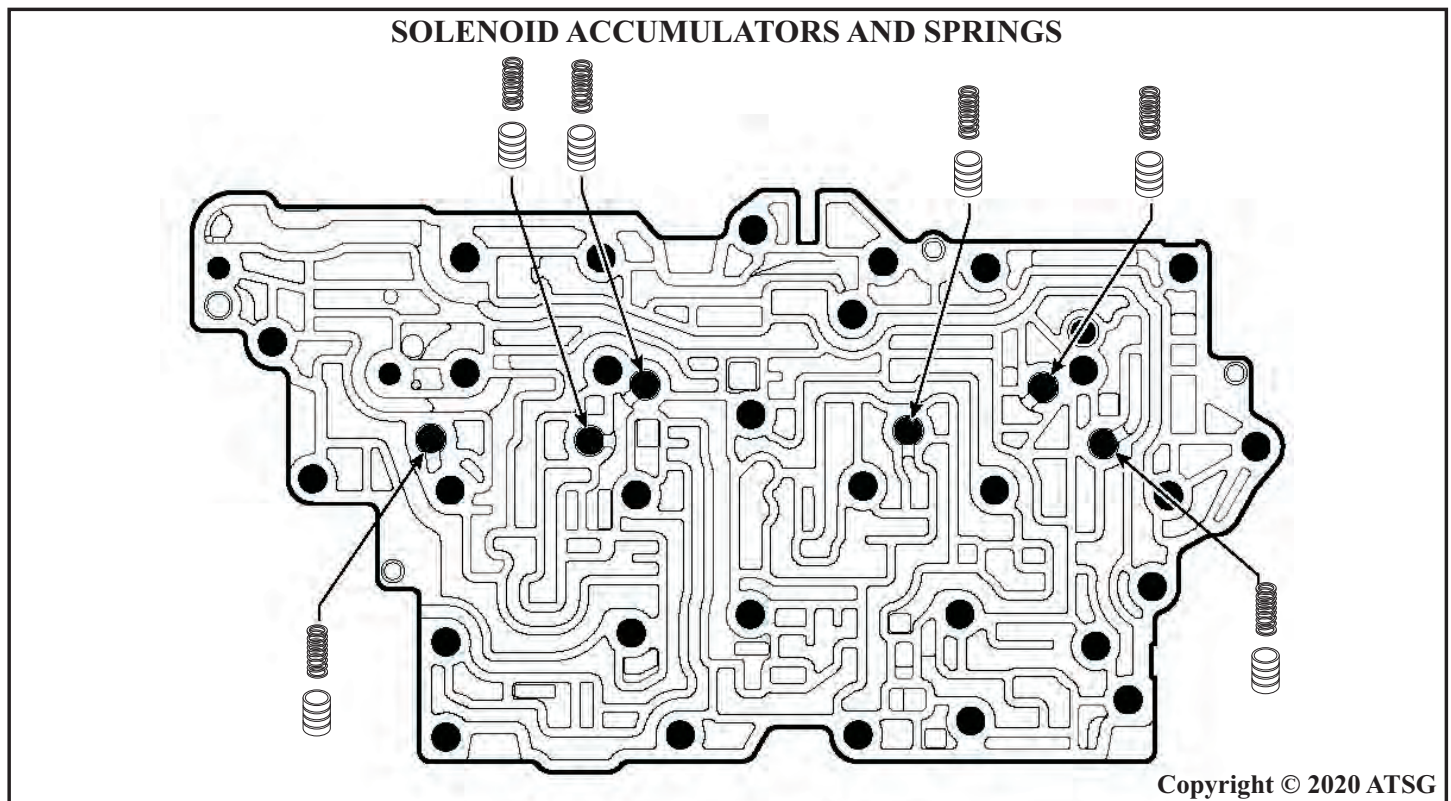


Figure 1

GM 6T70/75 ENGAGEMENT ISSUES

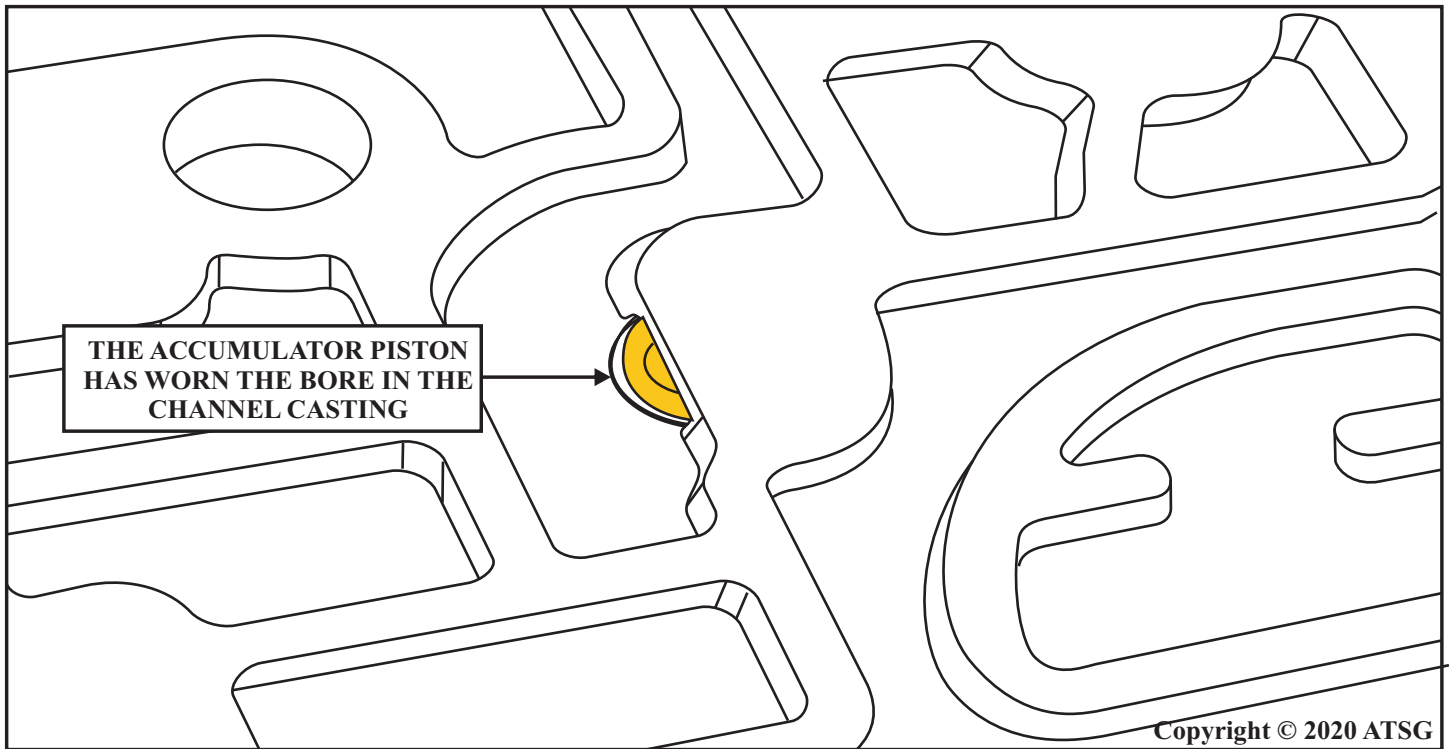


Figure 2



Figure 3