



Technical Service Information

GM 4L60E SERIES INTERMITTENT HARSH SHIFTS

COMPLAINT: A late model Chevrolet or GMC truck may have complaints of intermittent harsh shifts and engine lugging due to the converter clutch applying on top of the 1-2 shift. Diagnostic Trouble Codes P0961 for Pressure Control Solenoid “A” Circuit Range/Performance and P2769 for Torque Converter Clutch Circuit Low are set, however the vehicle did not go to limp mode and made first gear starts and shifted automatically.

CAUSE: The wiring harness that is routed from the transmission case connector over the top of the transmission towards the rear of the engine on the drivers side has been damaged by contact with a body seam, Refer to Figure 1.
The body seam edge has cut through the harness conduit as well as the pressure control and TCC Solenoid wires resulting in the above complaints.

CORRECTION: Repair the affected wiring and reroute the harness out of harms way.

A special thank you to Donald from Covington Automotive for sharing his experience with ATSG



Technical Service Information

GM 4L60E SERIES INTERMITTENT HARSH SHIFTS

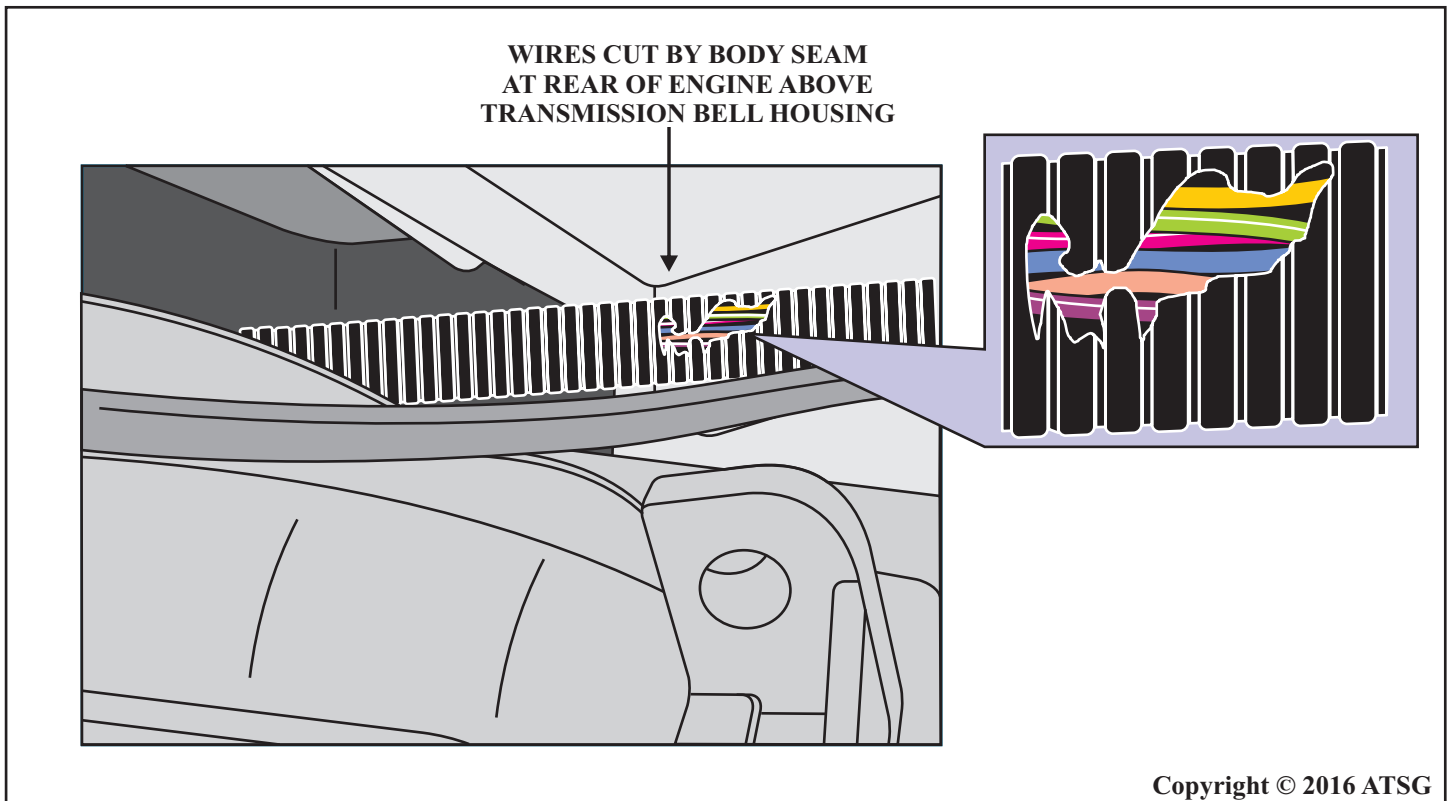


Figure 1