

982 – 4.0 liter Manual Transmission Cable Unclamps at Transmission Housing Bracket

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
718	As of 2020 up to 2021	982510, 982810, 982160, 982360	N/A	480 – 6-speed manual transmission

Revision History

Revision	Release Date	Changes
0	March 18, 2021	Original document

Condition

The customer complains the reverse, 1st, 3rd, or 5th gears do not engage; or the vehicle will not change gears despite a change in the position of the shift lever.

The workshop determines the shift cable's integrated clamp comes loose from its mounting bracket on the transmission's driver side. When this occurs, the cable is loose and shifting is not possible.

Technical Background

Suspected is, that the mating surfaces of the clamp to the bracket do not fully engage at assembly. (See arrows in Fig. 1.) This condition occurs during vehicle operation. Many possible modes leading to the loosening could exist to explain this detachment. This matter is under investigation. In the meantime, please perform the instruction highlighted below, if the cable detaches.

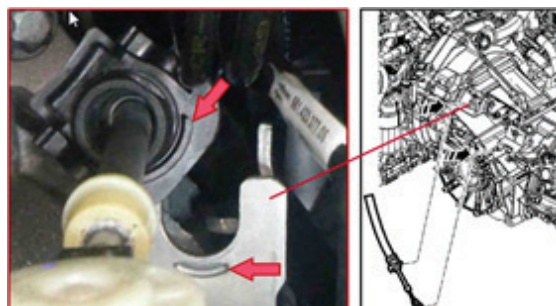


Figure 1 -
Assembly Location of Shift Cable
Clamp and Bracket on Transmission
Housing

Service Information

To prevent the shift cable from detaching, please perform the following:

- 1) Reattach the shift cable to the bracket.
- 2) Wrap two (2) cable ties in a cross pattern around both the shift cable and the mounting bracket (see Fig. 2).
- 3) Fully tighten the cable ties.
- 4) Trim any excess material from the cable tie.



**Figure 2 -
Cable Tie Orientation**

Warranty

As always, be sure to document the repair completely in PQIS.

For this repair, please code the "cause" as follows:

Cause location:	34120	Shift cable
Cause symptom:	1025	Loosely fitted

Use the following troubleshooting labor operation:

34121975	Shift cable remove and reinstall
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Search Items

Transmission, GT4, Spyder, 718, GTS, Shift cable, Selector cable

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