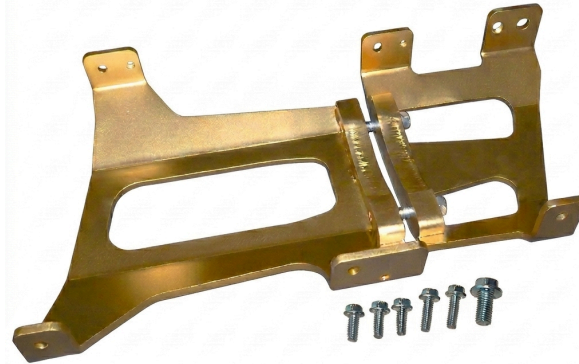


Instruction Manual V1.0

Part Number: 314-169-2326

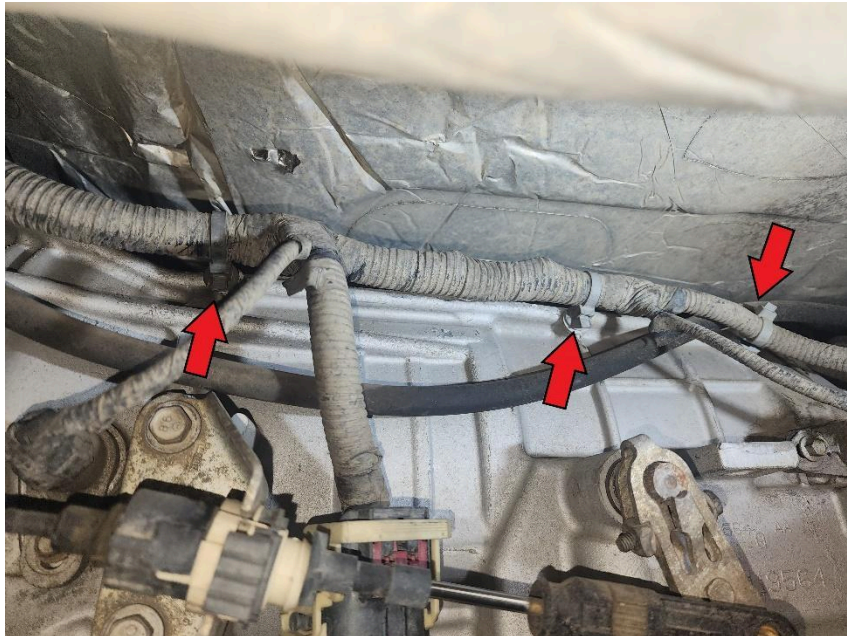
Transmission Case Brace

Fits: 545RFE, 65RFE, 66RFE, and 68RFE Transmissions



1. Using a plastic clip removal tool, disengage the retaining clips on the driver's side of the transmission case securing the transmission harness.

****Note: Gas engine equipped vehicles may have fuel lines secured to the transmission case. Remove the bolt(s) securing the retaining clips to allow fuel lines to be moved. The retaining clips will then be bolted back onto the transmission case brace****



2. Disengage the retaining clip securing the harness for the line pressure sensor from the passenger side of the transmission case.

****Note: 07.5-12 vehicles equipped with a 6.7L Cummins have the DPF Differential Pressure Sensor bolted to the passenger side of the transmission. Remove the bolt retaining the bracket to the transmission case using a 10mm wrench or socket and position aside****



3. Loosely assemble the 2 parts of the transmission case brace together using the supplied M8-1.25 flange nuts and carriage bolts. (DO NOT fully tighten nuts at this time)
4. From the driver's side of the transmission install the transmission case brace onto the top of the transmission.
5. Align the transmission case brace with the bolt holes in the transmission case and install the supplied M6-1.0x20mm and M10-1.5x20mm bolts in their respective locations. (Only tighten the bolts hand tight at this time)



- Using a 13mm universal joint socket, tighten both flange nuts to secure halves of the case brace together.



- Tighten all (6) case brace to transmission case bolts.
- Re-attach transmission harness (as well as any fuel lines and sensor brackets if previously removed) using the factory retaining clips by inserting them into the provided holes in the case brace.



