



STAR ONLINE PUBLICATION



Case Number: S2108000074

Release Date: 3/24/2021

Symptom/Vehicle Issue: Wiring Harness Contacts Drivers Catalytic Converter. Check Engine Light (CEL), Anti-Lock Brake System (ABS), Traction Control System (TCS), Service 4WD Lamp On

Discussion: Due to incorrect routing, the wiring harness that runs down the drivers frame rail, known as the “Left Chassis Harness” may make contact with the catalytic converter. The Check Engine Light, ABS, Traction Control and Service 4WD lamps may be illuminated. Upon scanning the vehicle for DTC’s you may find one or more of the following: C0031, U0102, U0418, U0037, U1003, C1416

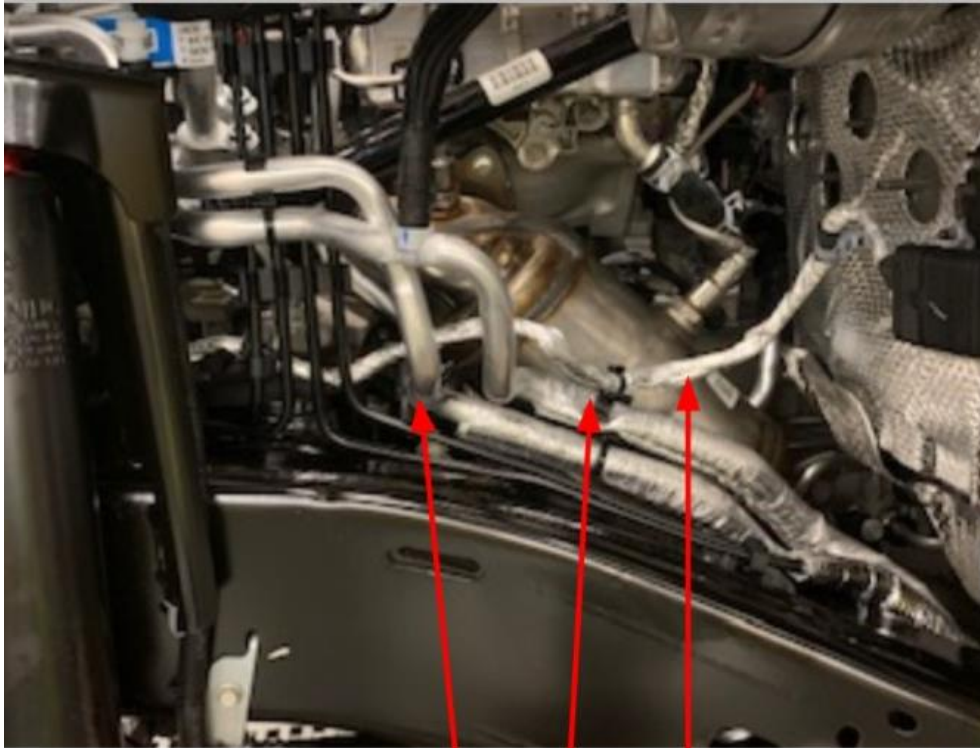
Diagnosis: Inspect the left chassis harness which runs down the driver’s frame rail and determine if it’s contacting any part of the exhaust system. Reference image below.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



STAR ONLINE PUBLICATION



Current design, C clips - bundle route between tubes and exhaust. C clip slide down, create extra length, make bundle closer to exhaust.

Repair: Using standard repair methods. Repair any damage to the wiring harness caused by contact with the exhaust system. Next, Disconnect the XY290A inline connector so the harness can be rerouted away from the exhaust system.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

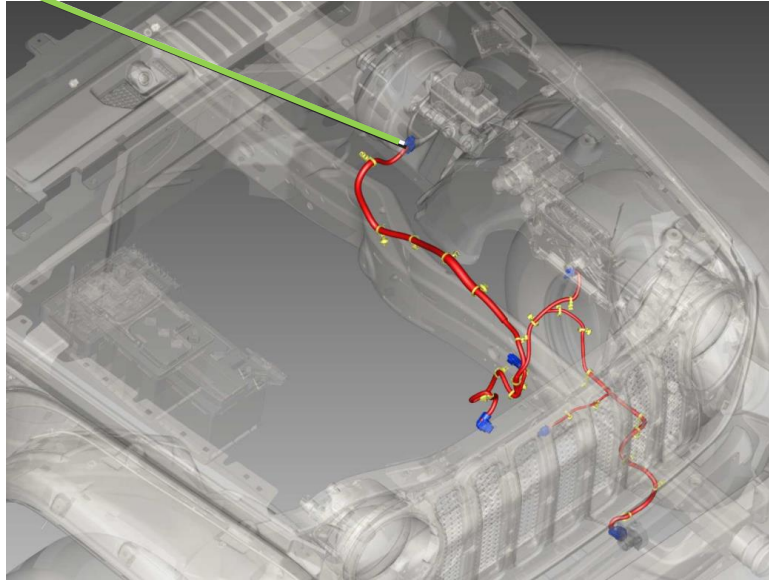
Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



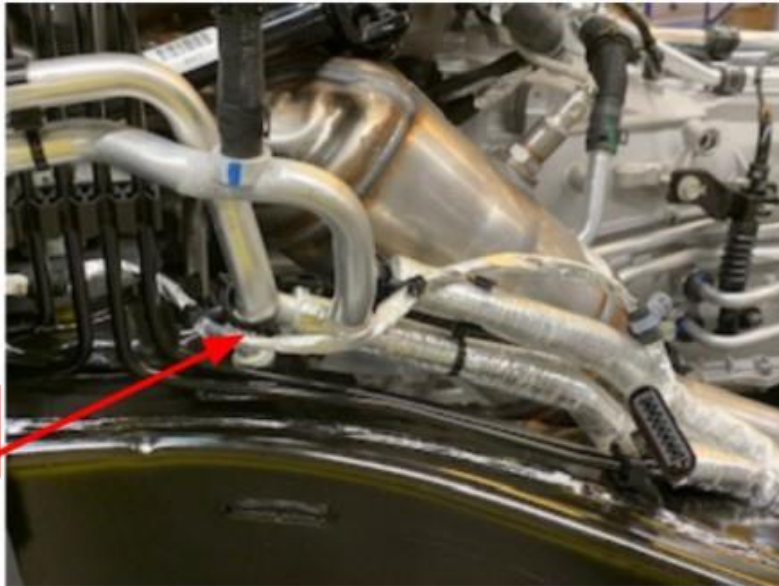
STAR ONLINE PUBLICATION



XY290A Connector



Reroute the harness so that it is positioned underneath the coolant tubes and away from the exhaust as seen below. The two clips that secure the harness to the coolant tube need to be relocated and flipped. Reference the image below as a guide.



Corrected routing of left chassis harness underneath coolant tubes.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



STAR ONLINE PUBLICATION



Verification: Clear the DTC's and confirm they do not return. If the concern still exists continue standard diagnosis by following the DTC flow chart.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found