

STAR ONLINE PUBLICATION

Case Number: S2008000096

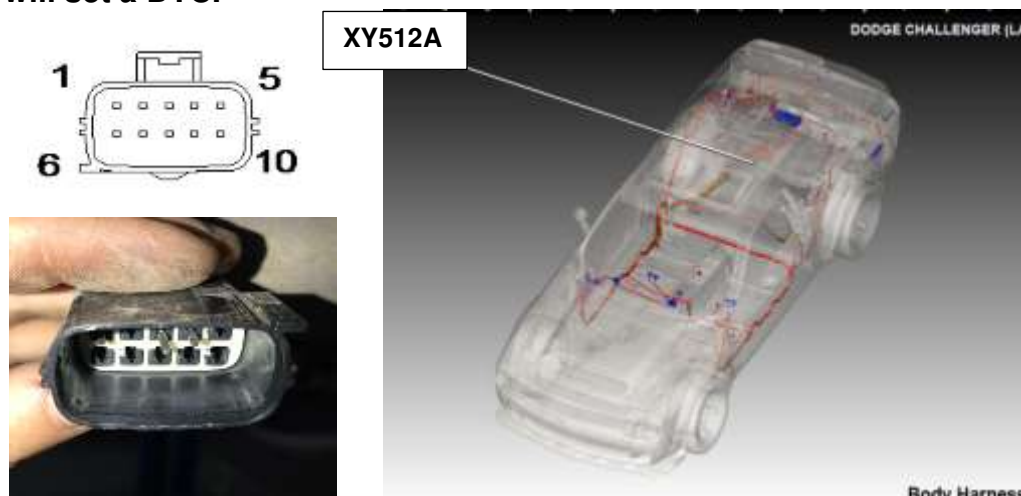
Release Date: 07/03/2020

Symptom/Vehicle Issue: MIL Lamp On, DTC's U113F, U1140, Lost Communications With Active Exhaust Valves 1 and 2

Customer Complaint/Technician Observation: Owner complains the warning lamp MIL (malfunction indicator lamp) is on. Technician observed both DTC's setting in the PCM, U113F and U1140 Loss Of Communications With The Exhaust Actuator Valves 1 and 2.

Discussion: Inspect and confirm the following circuits that are common to both actuators and DTC's, B+ A395 circuit Fuse 36 in the rear PDC, ground Z922/G305 and LIN BUS D511 circuits at each exhaust actuator and inline connector for the exhaust actuators Fig 1, 2, 3.

Note: If there has been a recent actuator replacement, the Active Exhaust Valve 1 Actuator (left) and Active Exhaust Valve 2 Actuator (right) each have a unique part number/internal ID. The PCM can identify each actuator location by this unique ID. Replacing an actuator with the incorrect part will set a DTC.



Inspect 10 way black XY512A – bent or corroded terminals
Fig 1

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

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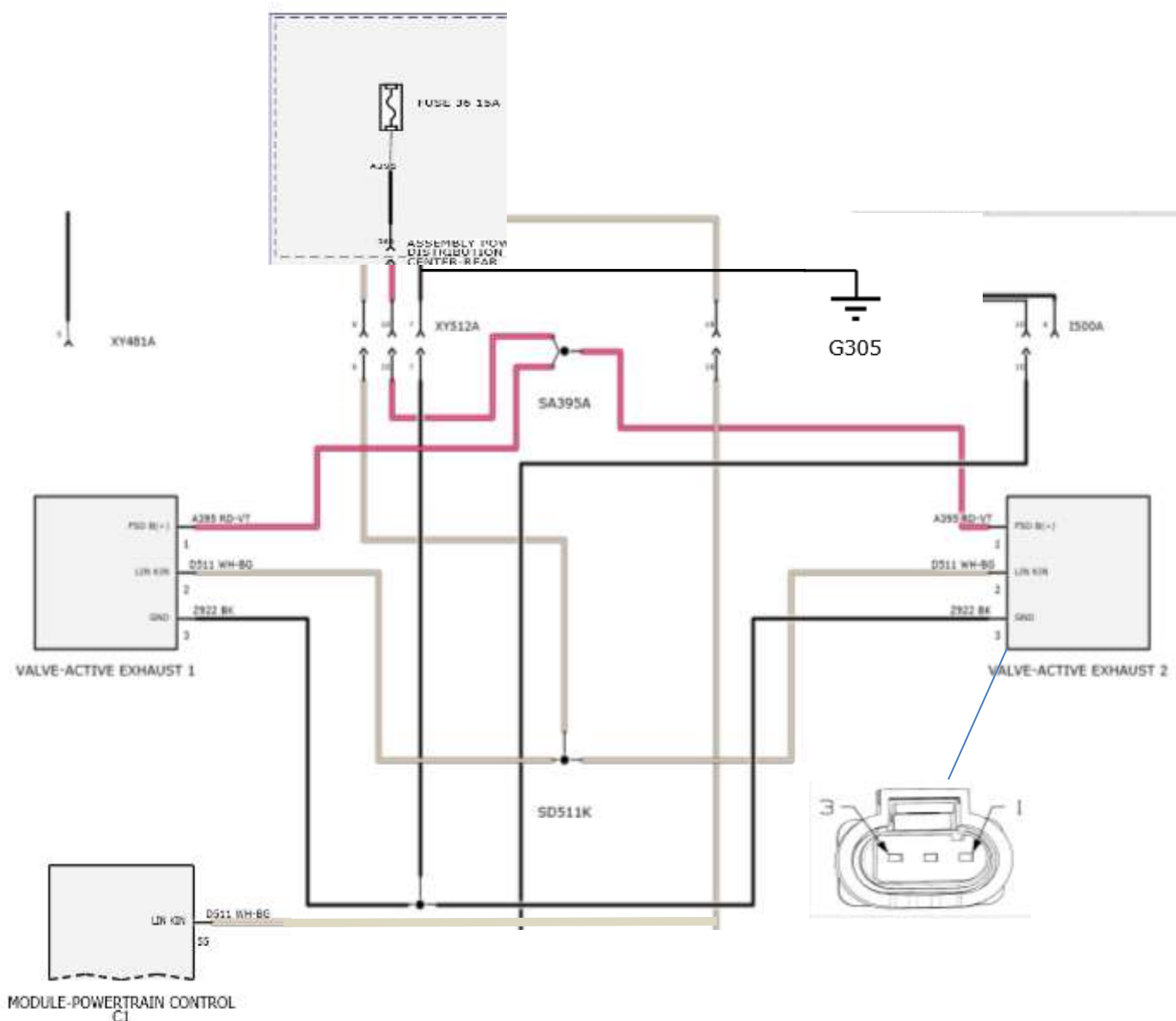


Fig 2

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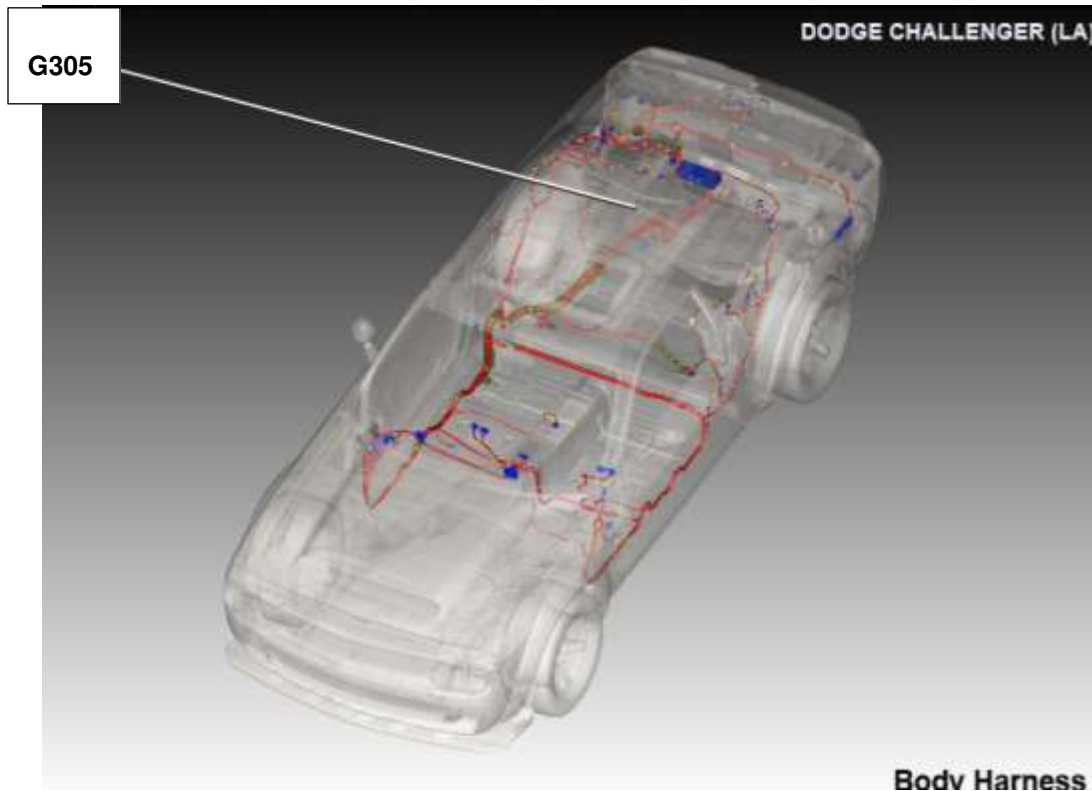


Fig 3

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