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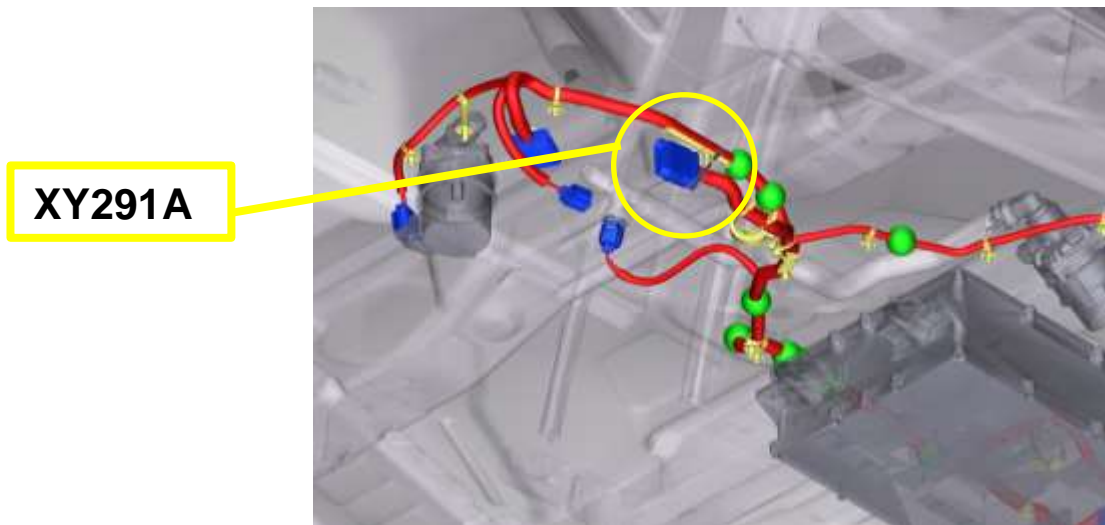
Case Number: S2008000119

Release Date: 8/13/2020

Symptom/Vehicle Issue: Service Hybrid Electrical System Displayed. DTC's P0CF1, P1B71-00, Or B12B0-00 Set. Water Intrusion Of The XY291A Inline Connector

Discussion: The customer may see the Service Hybrid Electrical System message displayed in the EVIC. Upon scanning the vehicle for DTC's one or more of the following is found: P0CF1: Hybrid/EV Electronics Coolant Temperature Sensor Circuit High; P1B71-00: Hybrid/EV Electronics Coolant Temperature Sensor "A" Out of Range High; B12B0-00: Charge Temperature Indicator-Signal Above Allowable Range.

Diagnosis: Under the Vehicle, remove the skid/ battery plate and inspect the XY291A inline connector for corrosion and/or water intrusion.



Underbody XY291A Location View

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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Corrosion Inside The XY291A Connector

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Repair: If water or moisture is found inside the connector and but no damage is present, clean both female and male ends of the connectors and add dielectric grease. If corrosion or damage is found on the wiring terminals, replace both the dash and underbody wiring harnesses and fast track the original harness back to QEC.

Engineering is currently root causing the water intrusion issue. A connector repair kit is currently in development.

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