

Subject		Market	
<b>MIL on P0AA649 / P1C8049 - Corrosion on MGR Cable</b>		USA	
Service Category		Section	
Engine/Hybrid System		Hybrid/Battery Control System	
Applicability			
2019-2020 RAV4 HV			

**APPLICABLE VEHICLES**

2019-2020	RAV4 HV
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**CONDITION**

Some 2019-2020 model year RAV4 HV vehicles may experience DTC codes P0AA649 / P1C8049.

- P0AA649-Hybrid/EV Battery Voltage System Isolation Internal Electronic Failure
- P1C8049-Hybrid/EV Battery Voltage System Isolation (Rear Motor Area) Internal Electronic Failure

Vehicles exhibiting this condition have been experiencing a short in MGR connector due to corrosion.

**RECOMMENDATIONS**

Raise the vehicle to visually inspect the high voltage wire harness that connects to the MGR. Unplug and check for corrosion or buildup of dirt and sediment in the connector. See below:



This issue is currently being investigated. Confirm the cable corrosion or dirt build-up at the MGR connector and call TAS for further instruction. If it is a weekend or holiday, continue with diagnosis and repair. Please save all parts and/or details and contact TAS on the next available workday.

**LINK REFERENCES**

This Tech Tip does not contain any link references