



GROUP
Engine

MODEL
2017MY
Niro (DE HEV)

NUMBER
PS553

DATE
April 2018



TECHNICAL OPERATIONS

SUBJECT:

HEV WARNING LIGHT AND DTC P1B25/P1B77

When addressing a concern related to the Niro HV warning light ON, and KDS detects a primary DTC P1B25 (HV Path Fault) and secondary DTC P1B77 (HV Pre-Charge Fault), then the 125 Amp High Voltage Battery Fuse should be inspected for an intermittent and/or an open condition.

Remove the HV battery safety plug, to shut off the high voltage circuit, and remove the high voltage fuse by referring to the applicable Shop Manual on KGIS.

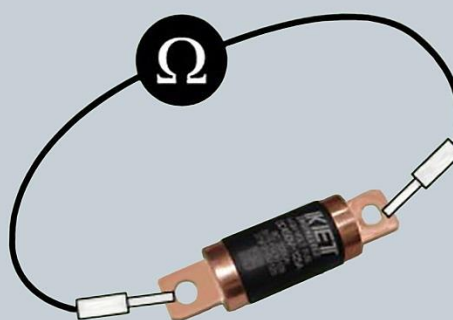
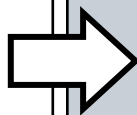
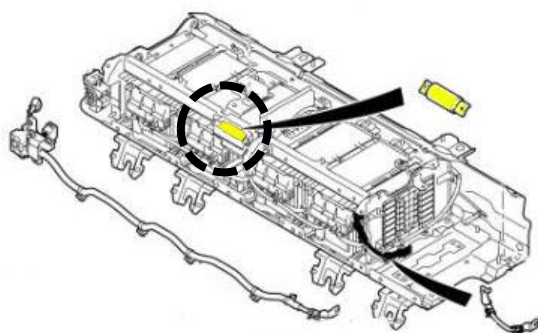
Measure the resistance while tapping on the fuse (less than $<1\Omega$ resistance).

Specification: 1Ω or less (68°F)

If the measured resistance is not within specification, or the P1B25 DTC is intermittent, replace the 125 Amp main HV battery fuse with the newer 170 Amp main HV battery fuse.
(Refer to EPC 37-371)

DANGER

When performing this procedure, follow all EV battery safety precaution procedures found in the “General Information → General Safety Information and Caution” chapter in the Shop Manual on KGIS and wear all required Personal Protection Equipment (PPE). Failure to follow the safety instructions may result in serious electrical injuries.



Hi-Voltage Battery Fuse