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KA-01931 McLaren Artura BMS DTC P21F205-2F

Document Information

Location: Powertrain

Topic: Parts required to rectify BMS DTC P21F205-2F

Condition: N/A

Diagnostic Trouble Codes:

P21F205-2F: HVS: safety design, level 2: current too low/high

Measure

If you are presented with an Artura with a hybrid warning displayed in the instrument cluster and the associated DTCs listed under 'Diagnostic Trouble Codes', please submit a Technical Request with a comprehensive explanation into the fault occurring along with relevant supporting documents and evidence. Once a TR has been submitted, please order all parts listed under 'Parts Information'.

Please order the following tools if they are not already located within the workshop.

16SB433CP - HV Module Charger
16SB907CP - HV Module Charger Cable Set
16SB946CP - HV Air Pressure Tester
16JA654CP - Cell Module Lifting Tools
16SB429CP – Cooling Alignment Bracket Fixings
16SB430CP – Cooling Alignment Bracket
16SB431CP – Cooling Alignment Pins

A Technical Support Engineer will carry out the Battery repair onsite once all parts have been ordered.

Parts Information

ELECTRONIC MEMORY MANAGEMENT - 16JA355CP X 1
CSC HARNESS - 16JA340CP X 1
CELL MONITORING CIRCUIT - 16JA616CP x 4
CELL MODULE HIGH-VOLTAGE BATTERY - 16JA617CP x 2
CELL MODULE HIGH-VOLTAGE BATTERY - 16JA618CP x 3
CELL MONITORING CIRCUIT - MASTER - 16JA615CP x 1
SAFETY BOX - 16JA559CP X 1
HV CONNECTOR HOUSING - 16JA352CP X1
COMMUNICATIONS WIRING HARNESS – 16JA339CP X1
SEAL FOR HV BATTERY - 16JA368CP X 1
HV BATTERY NEGATIVE CABLE - 16JA345CP X 1
HV BATTERY B+ CABLE - 16JA344CP X 1
CELL MODULE CONNECTOR - 16JA346CP X 2
CELL MODULE CONNECTOR - 16JA347CP X 2
ISA SCREW - 16JA361CP X 20
O-RING ASSY-TUNNEL-PIPES 7.65X1.78MM - 16LA691CP x 2
O-RING ASSY-TUNNEL-PIPES 12.5MMIDX3MM - 16LA716CP x 2
O-RING ASSY-TUNNEL-PIPE 8.8MMIDX1.9MM - 16LA717CP x 2
DISTRIBUTION UNIT HIGH-VOLTAGE BATTERY - 16JA625CP x 1
SEAL DISTRIBUTION UNIT - 16JA337CP X1
COOLER FOR HIGH-VOLTAGE BATTERY - 16JA326CP X1
ISA SCREW - 16JA331CP X1
ISA SCREW - 16JA332CP X2 16JA432CP
eMOTOR - 16JA432CP

Attachments

N/A

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