VinFast DTC Guided Repair Instruction

# Failure Description

Vehicle Program VF8

ECU PSM

DTC Number **U1101-16**

DTC Name Power Supply - Circuit Voltage Below Threshold

Failure Type Byte 16-Circuit Voltage Below Threshold

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| --- | --- |
| Definition and Potential Cause | This error occurs due to defect in Power Supply circuit |

# Failure Actions

Classification Slight Fault

Driver Notifications No

Fail Safe Actions NA

Power Level NA

High Voltage State NA

# Operating Conditions

Enable Criteria Ignition ON

Failure Criteria The battery voltage is < 9V

Failure/Mature Time 1000ms

Pass Criteria Battery voltage is within normal range (9V~16V)

Pass/De-mature Time 1000ms

Failure Aging 30 Ignition cycles

# Reference Information

Service Information DOC ID 1002969 – Control Module (ECU) Reference Service Information\_V01

DOC ID 1005823– Strategy, checks and repair verification\_V01

# Repair Instruction

Repair Actions 1. Check for other faults of Failure Type 16/1C/A1/A2 from other ECU's  
2. Check LV battery voltage level, charge if necessary and clear DTC  
3. If fault returns, check LV charging system, repair if faulty and clear DTC  
4. If fault returns and LV battery voltage is still low replace LV battery and clear DTC  
5. If fault returns, check electrical circuits and power supply to PSM, repair if faulty and clear DTC  
6. If fault returns, replace PSM and clear DTC