

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| <b>Reference</b>     | SSM74290                                                  |
| <b>Models</b>        | I-PACE / X590                                             |
| <b>Title</b>         | I-PACE, P0A95-00 High Voltage Fuse 'A' stored in the BECM |
| <b>Category</b>      | Driveability                                              |
| <b>Last modified</b> | 12-Mar-2019 00:00:00                                      |
| <b>Symptom</b>       | 698298 Malfunction Indicator Lamp                         |
| <b>Attachments</b>   | 1Compressor_label.pdf (1Compressor_label.pdf)             |

**Content** **Issue:** Battery Energy Control Module (BECM) records DTC: P0A95-00 High Voltage Fuse 'A'

**Causes:** High Voltage (HV) auxiliary components failing with a short circuit, blowing fuses in the High Voltage Junction Box (HVJB) and blowing the auxiliary fuse in the Battery Energy Module (BEM) - in some cases other components are also damaged on the HV auxiliary circuit.

**Action:**

If Battery Energy Control Module (BECM) records DTC P0A95-00 High Voltage Fuse 'A', do not attempt part replacements and extended diagnostics. Follow DTC information in TOPIx (General Information, 100-00 Description and Operation – BECM).

Customers may report symptoms resulting from faults in the following areas:

- Electric Air Conditioning (A/C) compressor – see note
- Wired on-board charging module (BCCM)
- Direct Current to Direct Current (DC/DC) converter
- High Voltage (HV) interior heater
- High Voltage Junction Box (HVJB)
- BEM auxiliary fuse and BEM auxiliary contactor

Note: If advised as faulty, the Electric Air Conditioning (A/C) compressor must be replaced with a quality assured part from Feb 2019 or later only.

The new parts are assured from February 2019 and can be identified from serial number: 000857**02968** (The serial number consists of: First 6 digits (000857): unique sequential serial number, next 2 digits (02 = February): Month of production, next digit (9 = 2019): Year of production, Last 2 digit (68): Electric Compressor).

Please see attached example of an earlier type electric compressor, the serial number on the "Compressor\_label.pdf" is S/N 022471**107868**.

022471 = Unique sequential serial number

078 = Date code - July 2018

68 = Type - Electric Compressor

Note: A Pathfinder and Topix Guided Diagnostic test is being developed to test the HV auxiliary circuit and will be available in March 2019.