

Reference	SSM73095
Models	F-PACE / X761 XE / X760 XF / X260
Title	DTC P026A -77 and P023B-11 Logged Within PCM
Category	Engine
Last modified	25-Sep-2017 00:00:00
Symptom	402000 Cooling System Concerns
Attachments	1SSM73095 Attachment v2.pdf (1SSM73095 Attachment v2.pdf)

Content**Issue:**

Ingenium I4 2.0L Diesel vehicles which are logging **P026A-77 - Charge Air Cooler Efficiency Below Threshold** and **P023B-11 - Charge Air Cooler Coolant Pump Control Circuit Low - Circuit short to ground** within the Powertrain Control Module (PCM). This diagnostic is directing retailers to replace the Charge Air Cooler Coolant Pump (T2H2556), however a number of these parts have been returned and no faults have been found.

Cause:

Upon investigation, a number of different root causes have been identified which should be addressed before the Charge Air Cooler Coolant Pump is replaced, these are listed below:

- Potential of air locks in the cooling system
- Harness chafe on the 12+
- Poor earth connection
- Poor fuse connection in the front engine junction box

Action:

Please complete the following checks prior to replacing the Charge Air Cooler Coolant Pump if P026A-77 or P023B-11 logged within the PCM

- Complete the coolant system bleeding process as per Topix section 303-03A
- Please check ground point G1D132D
- Please view the attached PDF which contains images of the potential electrical connection issues and potential harness chafe points which could cause these DTC's.

Please only submit EPQR's for this concern post the assured VIN's listed below.

- X760 (SOL) A927465
- X260 - Y51889

- X761 - A240739

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.





