

Reference	SSM76075
Models	Defender / L663 Discovery / L462
Title	Cooling Fan Inoperable / Malfunction
Category	Engine
Last modified	11-Oct-2023 00:00:00
Symptom	402000 Cooling System Concerns
Attachments	ST3.JPG (ST3.JPG)

Content**Model / Model Year / Derivative**

DEFENDER / 23MY onwards / Ingenium I4 2.0L petrol, Ingenium I4 2.0L diesel, Ingenium I6 3.0L diesel
DISCOVERY / 23MY onwards / Ingenium I4 2.0L petrol, Ingenium I4 2.0L diesel, Ingenium I6 3.0L diesel

Situation:

JLR Engineering investigations have found that the engine cooling fan may intermittently fail to operate, causing a potential engine-overheat condition. Diagnostic Trouble Code (DTC) P0480-13 will be stored in the Powertrain Control Module (PCM).

Action:

Follow the instruction(s) below.

SERVICE INSTRUCTION:

The latest available engine cooling fan (LR164713) should be ordered through the parts catalogue. Make sure the part number label has '#ST3' printed on it, this will confirm that the part is at the latest level and will rectify the customer concern. See the example image attached.

The below symptoms and DTC can be selected from the Fault and Breakdown Symptom Selection screen on TOPIx, which will then display the associated Test Plan.

- Powertrain > Engine > Cooling System > Overheating
- Electrical > Climate Control System > Front Climate Control > Inoperative
- Diagnostic Trouble Code (DTC) P0480-13

If the required part is on back-order then in the mean time, advise the customer that the ignition must be switched ON within 15 seconds of the driver's door being unlocked and opened, in every instance, to prevent symptoms from becoming present.

If the above symptoms are already present, then the below steps must be completed in order to temporarily rectify the concern.

1. Turn the engine and ignition OFF
2. Lock the vehicle.
3. Wait for a minimum of 7 minutes.
4. Unlock the vehicle, open the driver's door and turn the ignition ON within 15 seconds.

(Ref 000362127)

anBhdHRicnM7MjAyMy0xMS0wM1QxNDoxNDoxOS4yMzZaOzEzNi4yMjYlNzQuMTA1Ow==