

Climate Control Blower Motor Nonfunctional

Topic number	LI83.10-N-070782
Version	1
Function group	83.10 Ventilation
Date	01-21-2020
Validity	Sprinter model 907
Reason for change	Note added to AO texts
Reason for block	

Complaint:

Climate Control Blower Motor Nonfunctional

Cause:

When the blower has been operated for an extended period on a high setting, the fuse may burn out.

Remedy:

- Relocate fuse in passenger side footwell fuse box from S15 slot 23 - 25A to S1 slot 35 - 30A (see picture in attachment).
- Disconnect cable at slot 23, partially open the wiring harness, connect fuse holder A 006 545 06 01 to slot 35, attach the cable to it and install a 30A fuse.
- Re-close the wiring harness.

Warning: The modification must be appropriately documented in the fuse assignment booklet.

- Cross out 25A blower regulator fuse at position S15 -slot 23
- Overwrite position S1 - slot 35 with blower regulator and 30A.

The following note must also be entered into the FO texts in VEDOC.

" The fuse for the blower regulator in the passenger side footwell fuse box has been relocated from S15 slot 23 to S1 slot 35 and a 30A fuse has been installed"

Attachments	
File	Description
PTC.jpg	Example fuse arrangement layout

Symptoms
Overall vehicle / Complete vehicle / Overheating
Body / Air conditioning / Heater / Remains cold
Body / Air conditioning / Heater / Remains warm/hot
Body / Air conditioning / Heater / Malfunction, blower
Body / Air conditioning / Heater / Insufficient sensitivity in blower control
Body / Air conditioning / Air conditioning / Temperature differences
Body / Air conditioning / Heater / Malfunction, air distribution
Body / Air conditioning / Air conditioning / Temperature control not sensitive enough

XENTRY TIPS

Control unit/fault code		
Control unit	Fault code	Fault text
N22/1 - Air conditioning HVAC177	B112F87	The front blower regulator has a malfunction. The message is missing. (HVAC_F907)

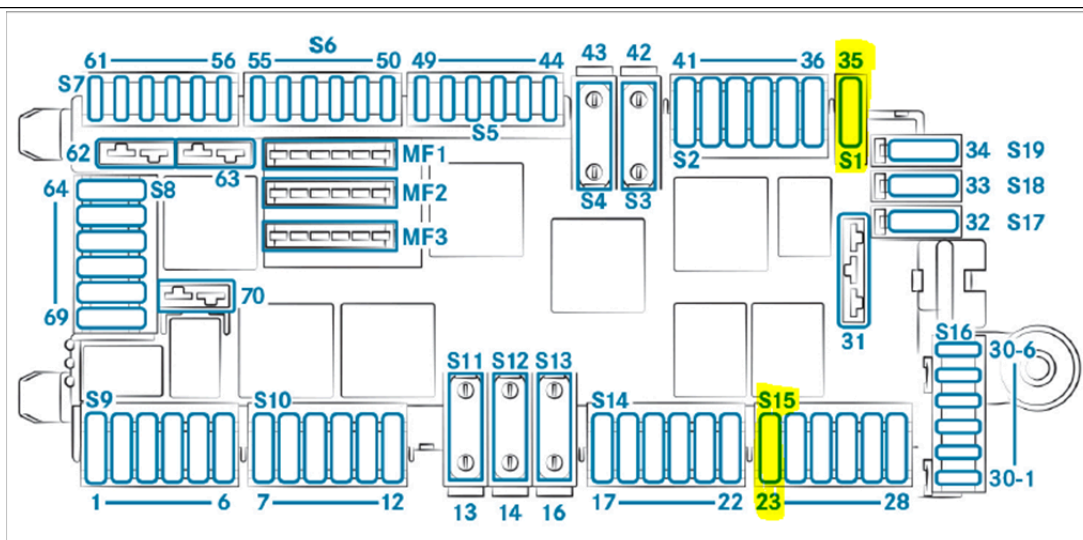
Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
N 000000 004208			Fuse insert 30A	1		X
A 006 545 06 01			Fuse holder	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			54157 74	General electrical fuse – Contact fault/open circuit. The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply.

Validity		
Vehicle	Engine	Transmission
Sprinter 907	*	*

Attachments

PTC.jpg:



XENTRY TIPS
