

HVAC blower motor inoperative and DTC 912F87

Topic number	LI83.10-P-063859
Version	1
Design group	83.10 Ventilation
Date	04-13-2016
Validity	All vehicles of model series 166
Reason for change	
Reason for block	

Complaint:

HVAC blower motor inoperative. Current and Stored fault in AAC (N22/7) control unit: 912F87 - The front blower regulator has a malfunction. The message is missing.

Cause:

Damaged pin 2 in the X18(2) connector, which is located at the bottom of the right a-pillar. Pin 2 is the power supply to the regulator A32n1.

Attachments	
File	Description
X18(2).jpg	X18(2) location from Star Finder

Remedy:

If damaged, replace or repair as per WIS instructions for wiring repair. Refer to parts section for related pin and connector part numbers.

Note: Inspect any surrounding pins in connector for damage and repair as necessary.

Symptoms
Body / Air conditioning / Heater / Insufficient heat output
Body / Air conditioning / Air conditioning / Insufficient cooling output
Body / Air conditioning / Heater / Insufficient sensitivity in blower control
Body / Air conditioning / Air conditioning / Temperature control not sensitive enough

Control unit/fault code		
Control unit	Fault code	Fault text
N22/7 - Air conditioning (AAC) (HVAC166)	912F87	The front blower regulator has a malfunction. The message is missing.

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 037 545 94 28			Male Pin housing	1		X

XENTRY TIPS

A 220 545 69 28		Pin housing	1		X
A 011 545 07 26		Female Pin 4.0MM2 SLK2.8	1		X
A 035 545 76 28		Male Pin 4.0MM2 SLK2.8	1		X

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
54-0650	12V		59413 74	
54-1011	QUICK TEST		59413 74	
54-9202	REPAIR DAMAGED PINS		59413 74	

WIS-References

Document number	Title	Note	Allocation
AR00.19-P-0001A	Repair wiring harness as per specified repair method		Remedy

Attachments

X18(2).jpg:

