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Coding Information

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Title: HX Air Conditioning Inoperative due to Low PSI A/C Switch

Applies To: HX with HVAC feature 16WKB or 16VRT

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

05/16/2019 - Updated part numbers and description
 01/03/2019 - Author updated for feedback
 10/24/2018 - Author updated for feedback purposes
 08/16/2017 - Added date code check on freeze probe
 07/27/2017 - Initial Article Release

DESCRIPTION

This document will guide the user through repairing intermittent A/C failures due to condensation build-up which causes the A/C low pressure switch to stick.

This document applies to HX with HVAC feature 16WKB or 16VRT. This document does NOT apply to vehicles with APADS.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

Not applicable

Customer Observations or Concerns:

Intermittent A/C inoperative or not cooling, most likely to occur in regions with high humidity

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number
A/C Machine	N/A

[Tools Resource Center](#)

SERVICE PARTS INFORMATION

Parts Catalog – [Click Here](#)

Kit Description	Part Number	Quantity Required	Notes
Switch Air Cond Press Kit	2611208C92	1	
Freeze Probe/Switch	2607881C1	1	
ORING 10.82x1.78	2610413C1	2	
ORING 14.16IDx1.75THK2	2610416C1	1	
ORING 5/16x7/16 CLASS 6	379366R1	1	

DIAGNOSTIC STEP(s)

Possible Causes:

Water ingress into low pressure switch.

Step	Action	Decision
1	DIAGNOSTIC: Diagnose issue using 2017-2020 HX Technician Manual (Service and Diagnostic). Was the issue resolved?	Yes. Release unit
		No. Replace low pressure switch and freeze probe/switch according to 2017-2020 HX Technician Manual (Service and Diagnostic). On the freeze probe/switch, check the four digit number and use parts with a four digit date code greater than 1545.

REPAIR STEP(s)

REMOVAL and INSTALLATION PROCEDURE:

See 2017-2020 HX Technician Manual (Service and Diagnostic) for switch replacement.

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Group	19000 Accessories
Noun	825 Switch

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

SRT Description	SRT
Switch, Refrigerant Low or High Pressure Replace	A19-7880A
Freeze Probe Replace	A19-8001A-20
Air conditioning system recover, evacuation and recharge	A19-7005A-22

OTHER RESOURCES

[Master Service Information Site](#)

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