

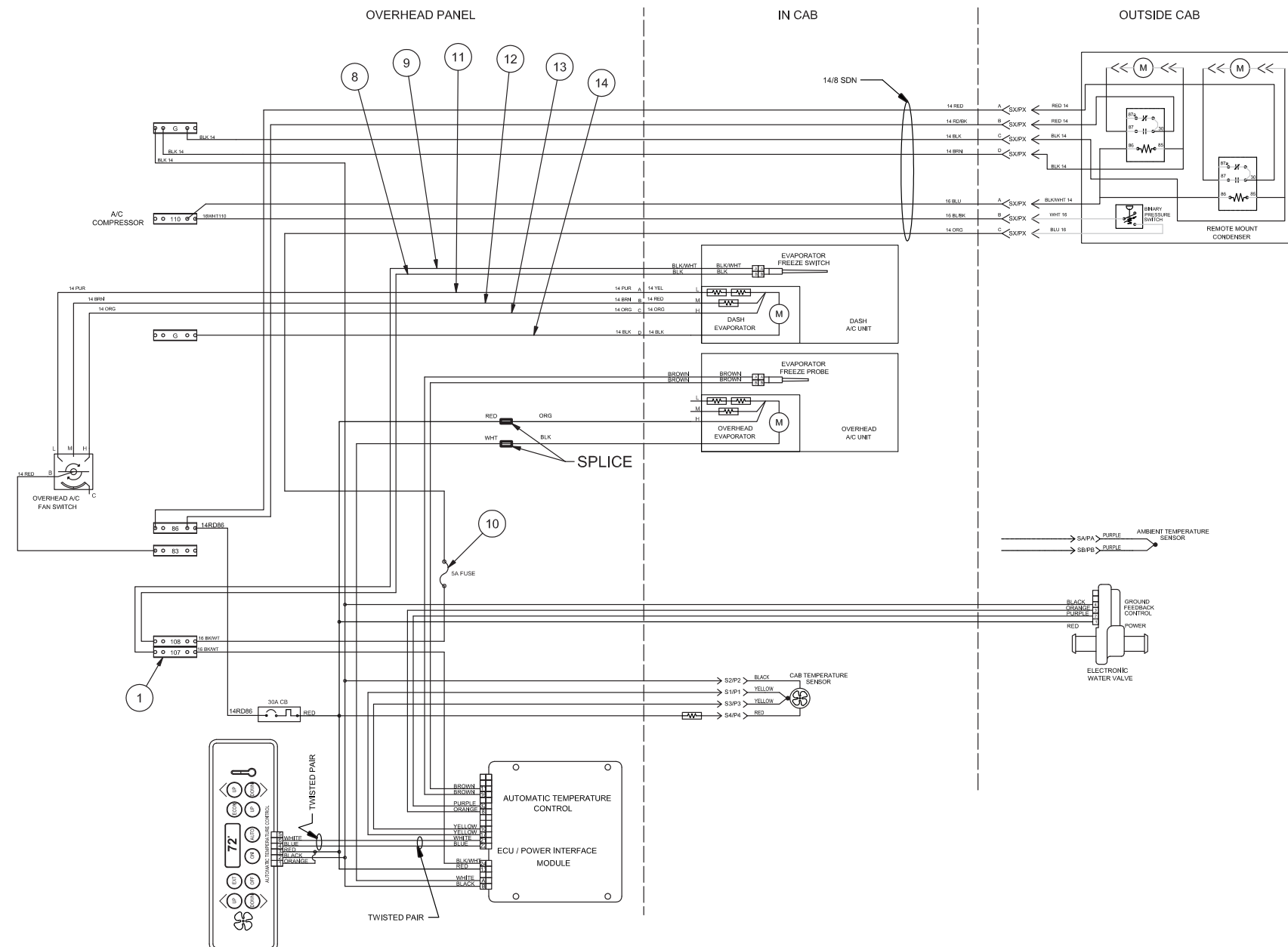
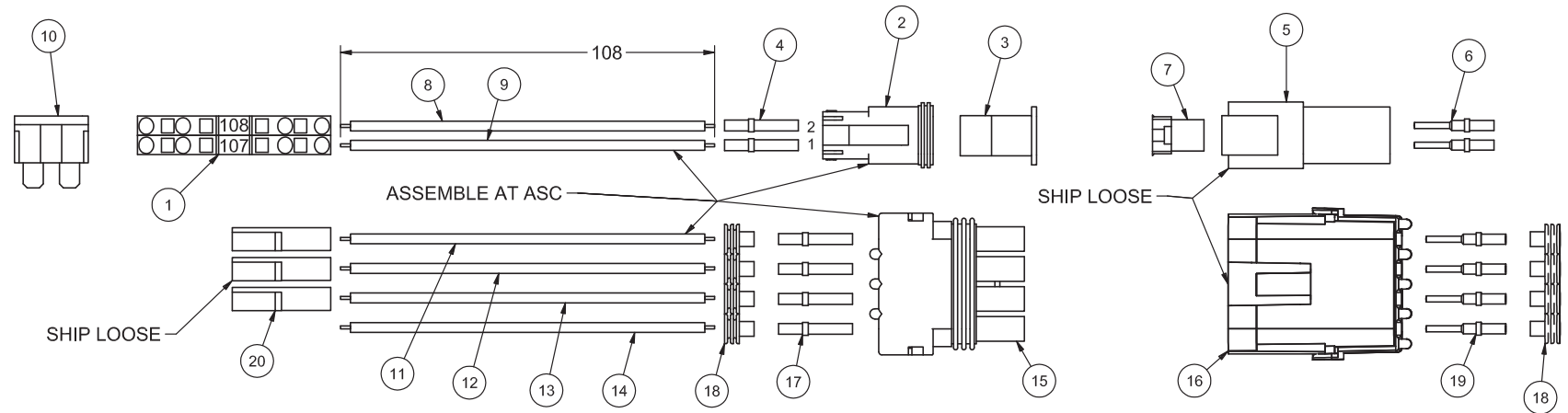
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Under Dash Evaporator Thermostat Update Kit

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Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
	<b>593605</b>		<b>Kit, A/C Thermostat</b>				
1	239317	2	. Terminal Block	11	242404	9'	. Wire
2	243502	1	. Plug, 2 Conductor	12	219409	9'	. Wire
3	243506	1	. Plug, Wedgeloek	13	219435	9'	. Wire
4	243236	2	. Socket	14	219410	9'	. Wire
5	243503	1	. Receptacle	15	238160	1	. Connector,Wire
6	243237	2	. Pin	16	238155	1	. Connector,Wire
7	243505	1	. Lock, Secondary	17	R740874	4	. Pin, Female
8	237106	9'	. Wire	18	R740867	8	. Seal,Wire
9	239000	9'	. Wire	19	R740866	4	. Pin,Male
10	2509736	1	. Fuse	20	221963	3	. Terminal

THIS KIT IS TO MODIFY A/C SYSTEMS ON WAGNER LOGSTACKERS TO ALLOW THE DASH EVAPORATOR THERMOSTAT TO ALSO HAVE CONTROL OF THE COMPRESSOR CLUTCH AND CONDENSER. THE OVERHEAD EVAPORATOR HAS A TEMPERATURE PROBE THAT COMMUNICATES WITH THE ATC WHICH THEN GIVES THE SIGNAL TO RUN THE COMPRESSOR AND CONDENSER FANS. THIS KIT UTILIZES THE LOWER EVAPORATOR THERMOSTAT TO OPEN THE COMPRESSOR/CONDENSER CIRCUIT IF THE THERMOSTAT FALLS BELOW ITS TEMPERATURE SETTING.



- REMOVE LOWER DASH PANEL AND LOCATE THERMOSTAT WIRING (BLACK AND BLACK/WHITE WIRES) IN LOWER EVAPORATOR.
- CUT OFF FACTORY CONNECTOR AND INSTALL DEUTSCH RECEPTACLE ITEMS 5, 6, AND 7.
- ROUTE ALL SIX WIRES INCLUDED WITH KIT FROM THE LOWER EVAPORATOR UP THE RH PILLAR AND ACROSS THE OVERHEAD CONSOLE WITH THE CONNECTORS AT THE EVAPORATOR END.
- CONNECT THE BLACK AND BLK/WHT WIRES IN THE KIT TO THE DASH THERMOSTAT SWITCH.
- LOCATE THE FOUR WIRES FROM THE LOWER BLOWER MOTOR: YEL-A, RED-B, ORG-C, & BLK-D AND INSTALL THE WEATHERPAK CONNECTORS ITEMS 16, 18, & 19. CONNECT TO THE KIT HARNESS.
- IN THE OVERHEAD CONSOLE, REMOVE THE PURPLE, BROWN, AND ORANGE CONNECTORS CURRENTLY ON THE OVERHEAD FAN SWITCH AND CONNECT THE SPADE TERMINALS IN THE KIT HARNESS WITH THE COLORS IN THE SAME LOCATION AS REMOVED: L-PUR, M-BRN, H-ORG. CONNECT THE BLACK WIRE FROM THE KIT HARNESS TO GROUND WAGO. VERIFY THE RED WIRE FROM THE SWITCH IS CONNECTED TO POWER ON WAGO 83 (MOVE IF IN WAGO 86).
- LOCATE THE RED AND WHITE WIRES THAT CURRENTLY GO FROM THE ATC TO THE DASH EVAPORATOR, CUT AND SPLICE THEM TO THE WIRES TO THE OVERHEAD FAN: RED TO ORANGE, AND WHITE TO BLACK (GROUND). TAPE BACK THE EXTRA BROWN AND PURPLE WIRES GOING TO THE OVERHEAD FAN.
- INSTALL THE TWO TERMINAL BLOCKS IN THE OVERHEAD CONSOLE #107 & 108.
- LOCATE THE BLK/WHT WIRE FROM PIN 24 IN THE A.C.T. (BLACK BOX IN THE LH SIDE OF THE OVERHEAD CONSOLE). THERE SHOULD BE EXTRA WIRE LOOPED IN THE CONSOLE IF REQUIRED. THERE IS A 15 AMP FUSE IN THIS WIRE THAT MAY BE LOCATED ON EITHER SIDE OF THE TERMINAL BLOCKS DEPENDING ON WIRE LENGTHS.
- PULL SOME SLACK IN THIS BLK/WHT WIRE NEAR THE TERMINAL BLOCKS 107 & 108, CUT THIS WIRE, AND INSTALL THE LEAD FROM THE ATC INTO 107 AND THE LEAD TO THE OVERHEAD CONDENSER INTO 108.
- INSTALL THE BLACK/WHITE WIRE COMING UP FROM THE DASH EVAPORATOR INTO 107 AND THE 18 GA BLACK WIRE INTO 108.
- REPLACE 15 AMP FUSE WITH 5 AMP ITEM 10.