

PREVOST

Instruction Sheet

IS-25003

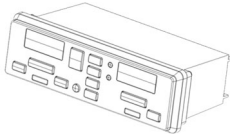
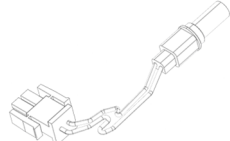
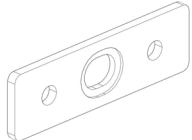
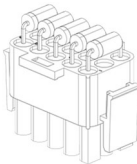
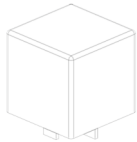

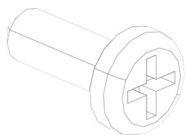
HVAC CONTROL MODULE REPLACEMENT H3 FROM W-2285 UP TO 3-4758


First Release

02-26-2025

MATERIAL

Kit #IS25003 includes the following parts:

Part No	Description	Qty
871373	DASH HVAC CONTROL MODULE 	1
563063	SENSOR, TEMPERATURE THERMISTOR 	1
3202184		1
7772095	HARNESS INTERFACE DASHBOARD	1
7772096	HARNESS REAR JUNCTION BOX	1
7772097	HARNESS SENSOR	1
381145	CONNECTOR WITH 5 DIODES 	1
563332	RELAY, 24V WITH RESISTOR 	5
504013	CABLE TIE MOUNT, BLACK 	3
500443	SCREW TP PAN PH N500 #8X1/2 	5

504637	CABLE TIE, NYLON BLACK (STD)		40
IS-25003	INSTRUCTION SHEET		1
FI-25003	FEUILLE D'INSTRUCTION		1

Other parts that may be required:

Part No.	Description	Qty
560784	SHRINKTUBING	AR

NOTE

Material can be obtained through regular channels.

SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



Safety First!



PROCEDURE



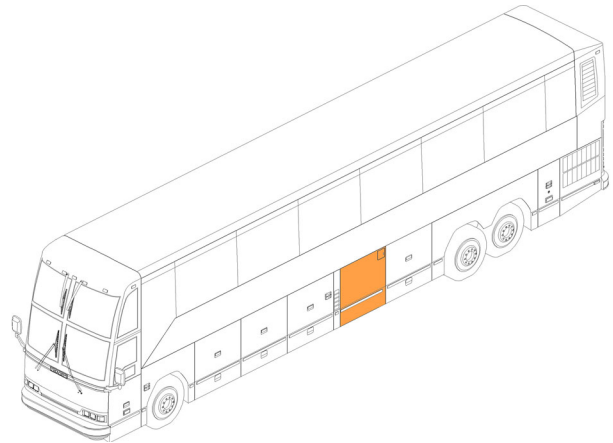
DANGER

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

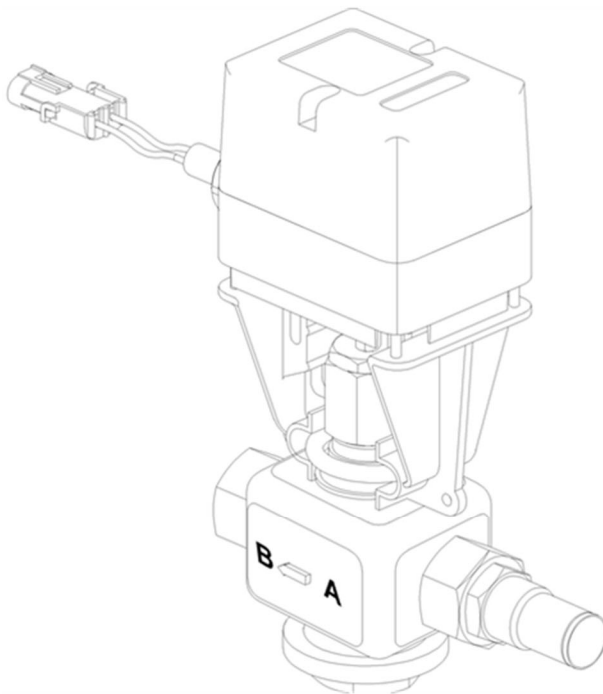
VERIFICATION OF THE WATER VALVE

1. Open the evaporator compartment door.

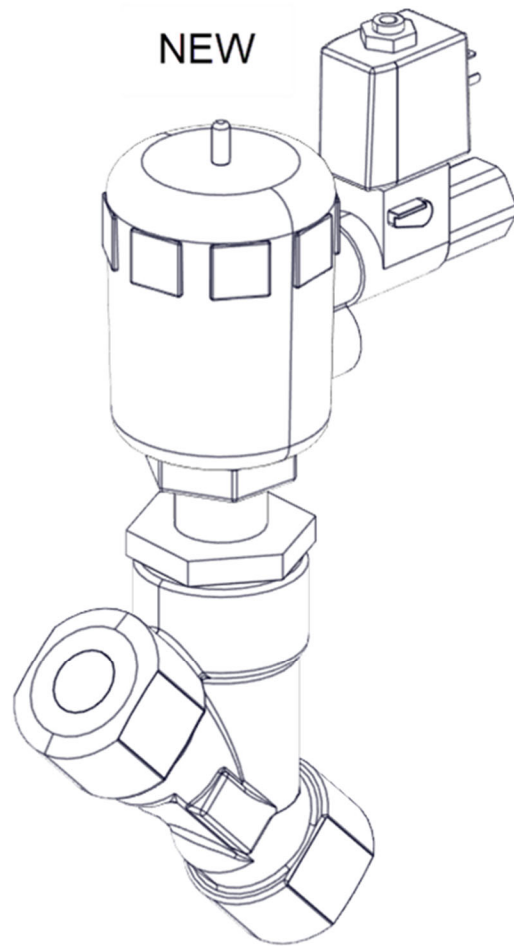


2. Verify the water valve model:
 - If you have the old water valve model, you need replace order the conversion 374835 kit.
 - If you have the new water model, this is ok.

OLD

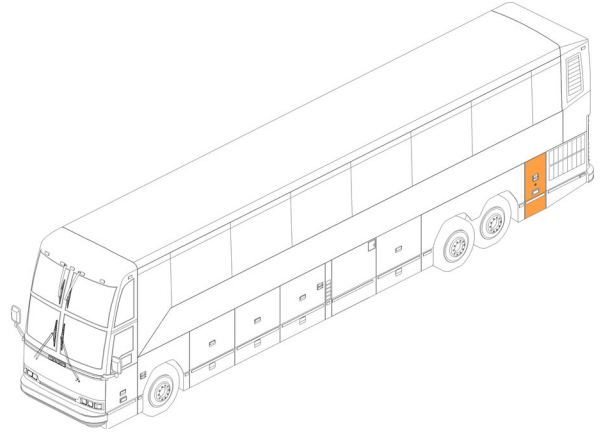


NEW

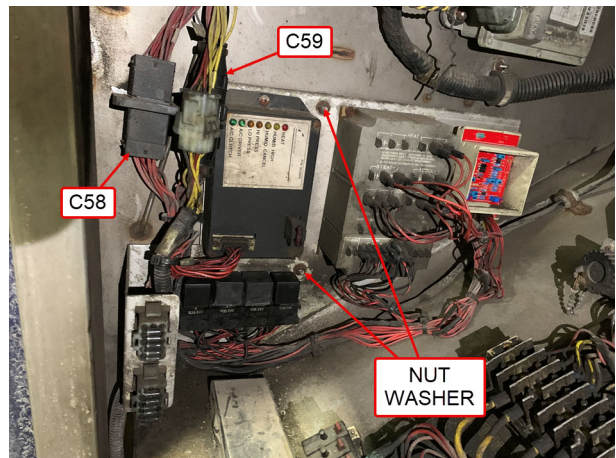


REAR JUNCTION BOX MODIFICATION

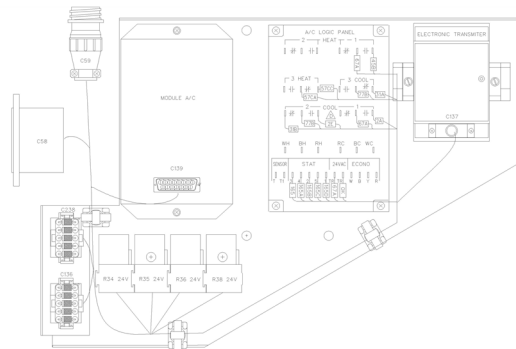
1. Open left rear service compartment door.



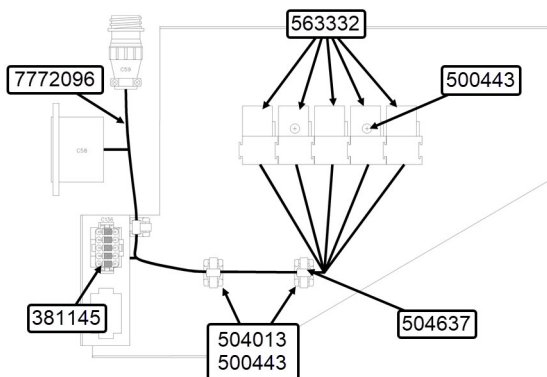
2. Disconnect the connectors **C58** and **C59** from the A/C control panel.
3. Remove the nuts (2x) and the washers (2x) and remove the panel.



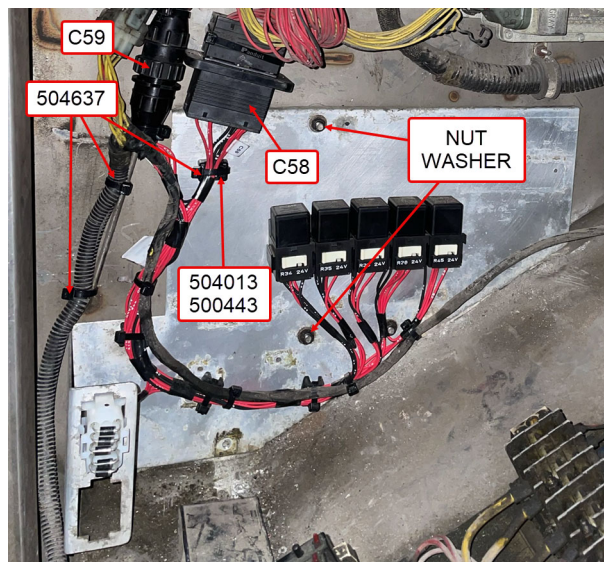
4. Remove all components of the A/C control panel.



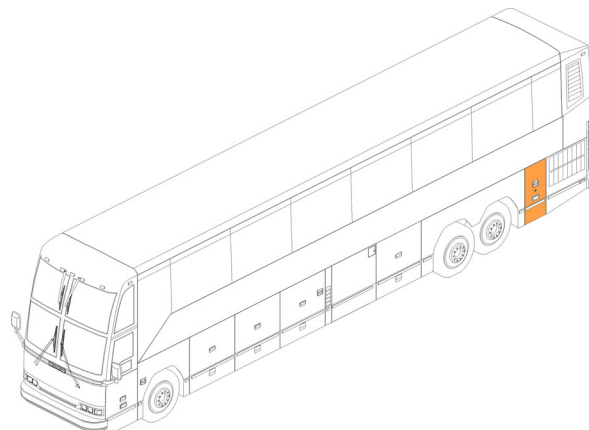
5. Install the new harness 7772096 on the A/C control panel.
6. Mark the position of the relay connectors and drill two holes $\text{Ø}1/8"$.
7. Secure the relay connectors (5x) with the screw 500443 (2x).
8. Mark the position of the cable tie supports and drill two holes $\text{Ø}1/8"$.
9. Install the cable tie supports 504013 (2x) with the screw 500443 (2x).
10. Install the diode assembly 381145 on the connector **C136** of the harness.
11. Install the relays 563332 (5x) on the harness on the relay connectors.
12. Secure the harness with cable ties 504637 (3x).



13. Reinstall the A/C control panel with the nuts (2x) and the washers (2x).
14. Connect the connectors **C58** and **C59** from the new harness 7772096.
15. Mark the position of the cable tie support and drill a hole $\text{Ø}1/8"$.
16. Install the cable tie support 504013 (1x) with the screw 500443 (1x).
17. Secure the harness with the cable ties 504637 (3x).

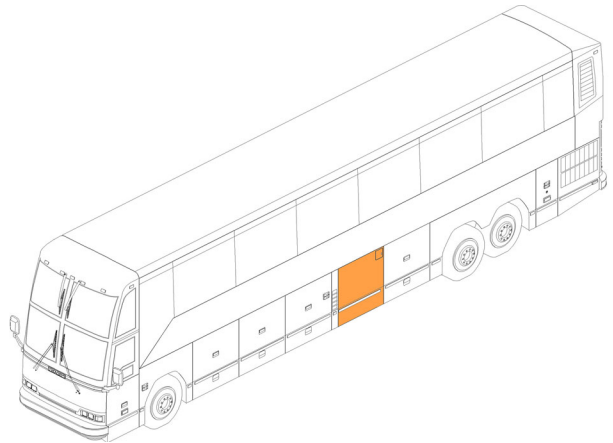


18. Close left rear service compartment door.

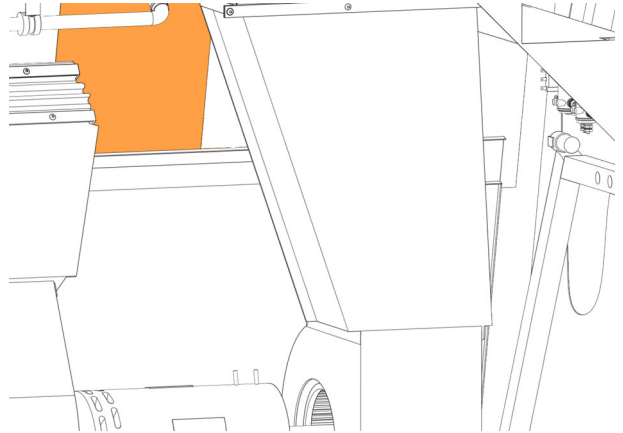


INSTALLATION OF THE NEW SENSOR IN EVAPORATOR COMPARTMENT

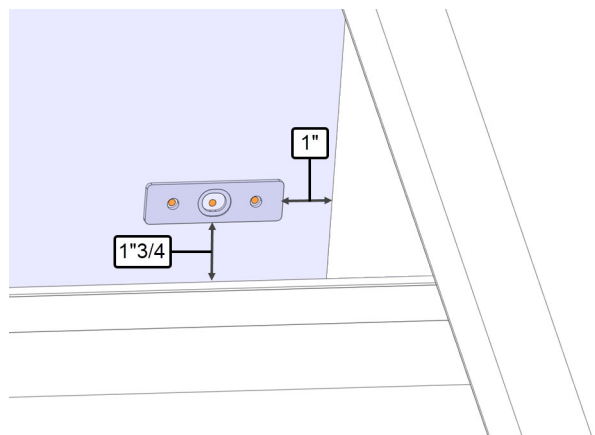
1. Open the evaporator compartment door.



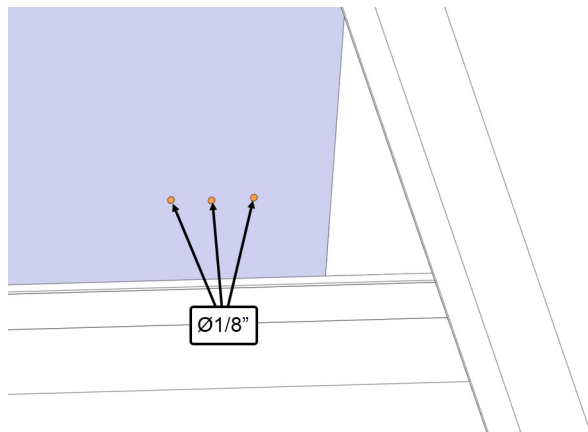
2. Locate the panel for the sensor will be install.



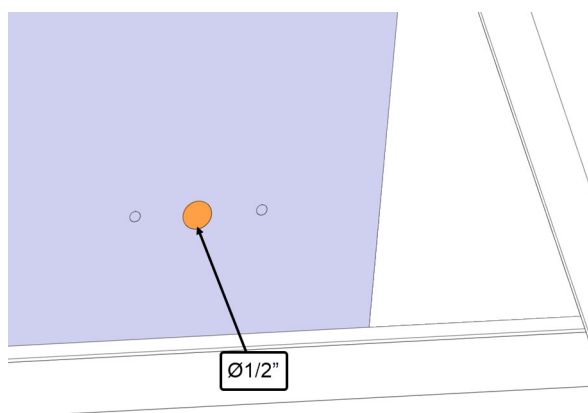
3. Mark the position of the holes using sensor support as a template.



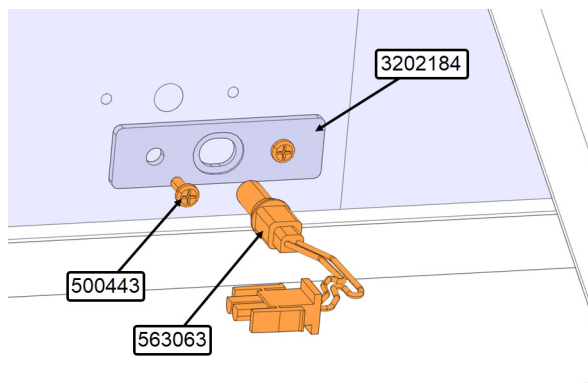
4. Drill three holes $\text{Ø}1/8"$.



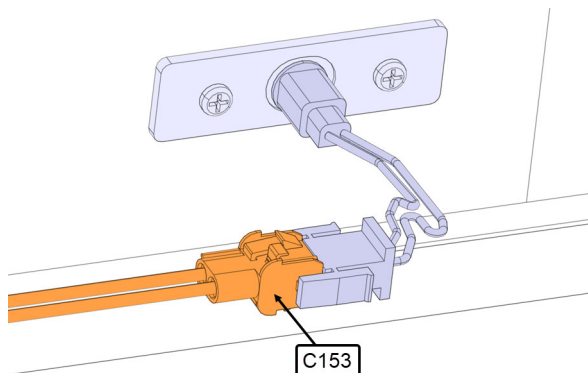
5. Redrill the center hole $\text{Ø}1/2"$.



6. Install the new sensor 563063 on the new support 3202184.
7. Secure the assembly on the panel with the screws 500443 (2x).

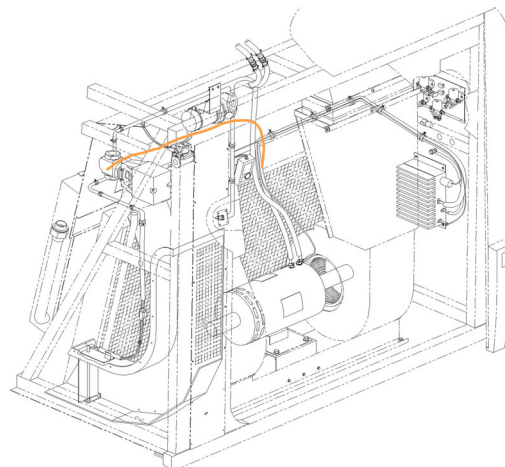


8. Plug connector **C153** of harness 7772097 to the sensor.



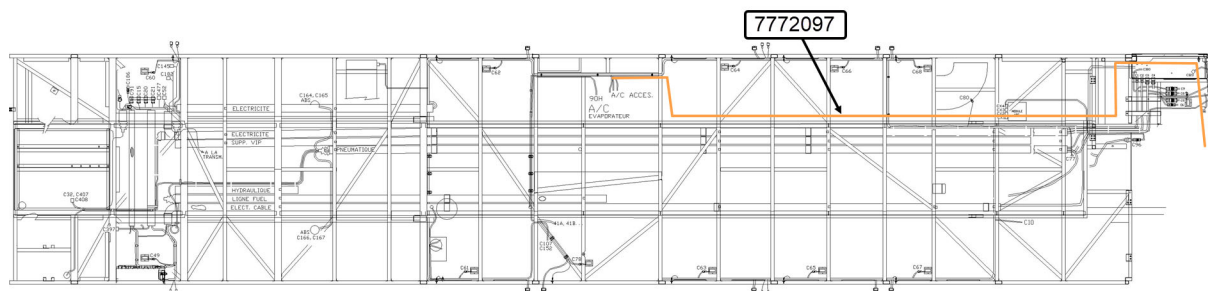
9. Run the harness 7772097 on existing harness to reach the third baggage compartment.

10. Secure the harness with cable ties 504637 (4x)

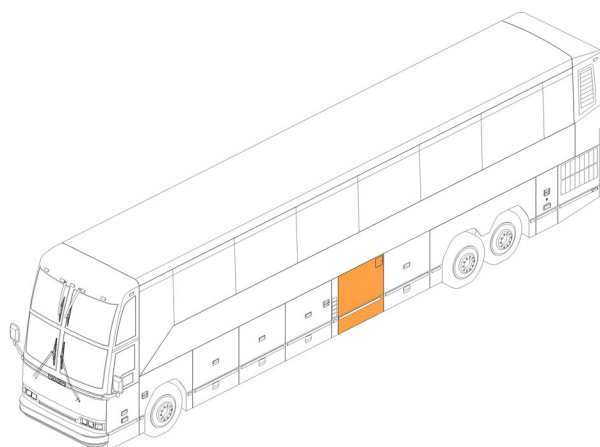


11. Run the harness 7772097 to reach the front dash.

12. Secure the harness to PVC pipe and existing harness with the cable tie 504637 (30x)

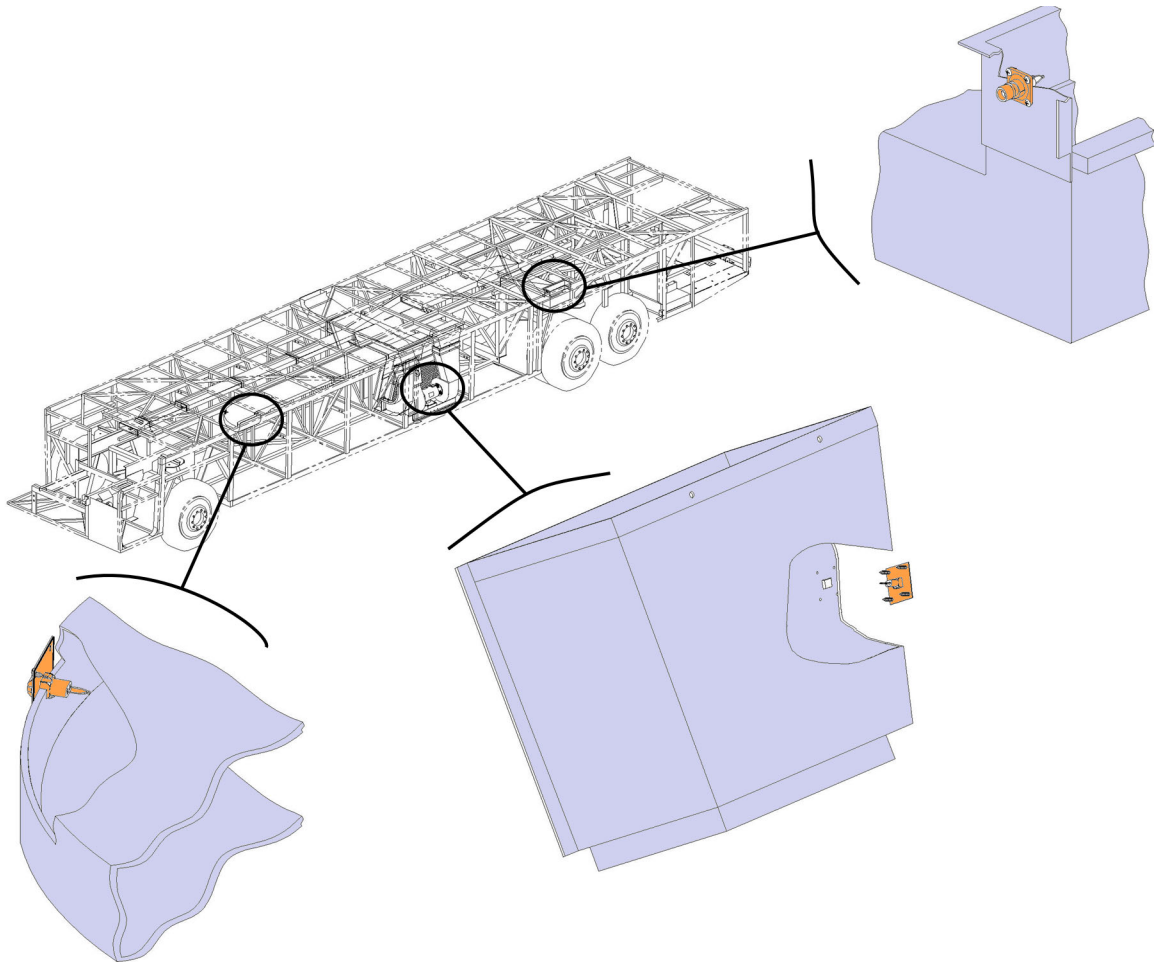


13. Close the evaporator compartment door.



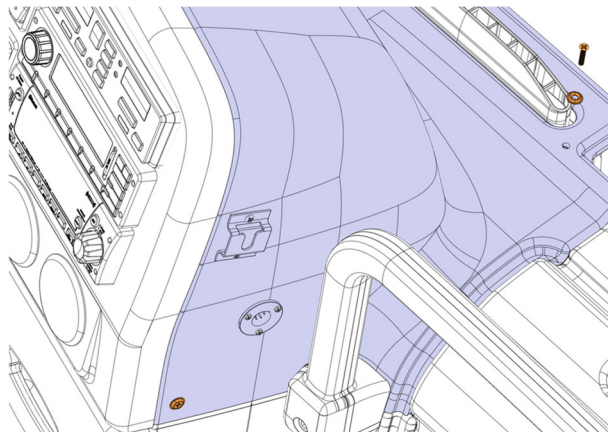
DISCONNECT OLD AIR TEMPERATURE SENSORS

1. Disconnect the three old air temperature sensors to avoid troubleshooting problem.
 - Front duct
 - Evaporator blower
 - Rear duct
2. Remove the connectors
3. Cut the terminal and install shrink tube at each wire end.

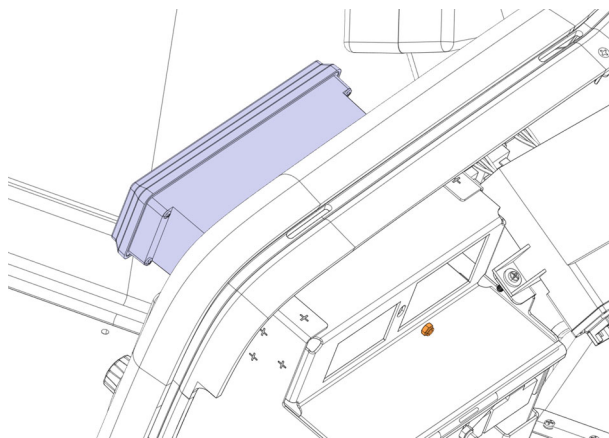


DASH HVAC CONTROL MODULE INSTALLATION

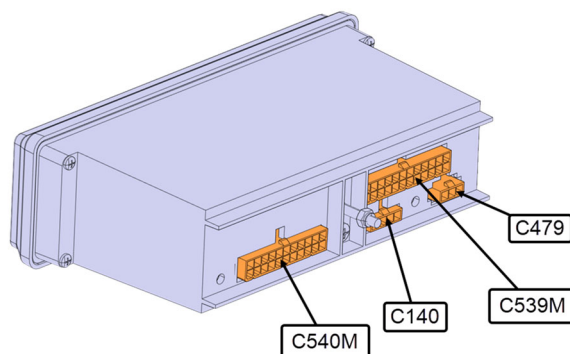
1. Remove the screws (5x) and the washers (5x) and remove the dash cover.



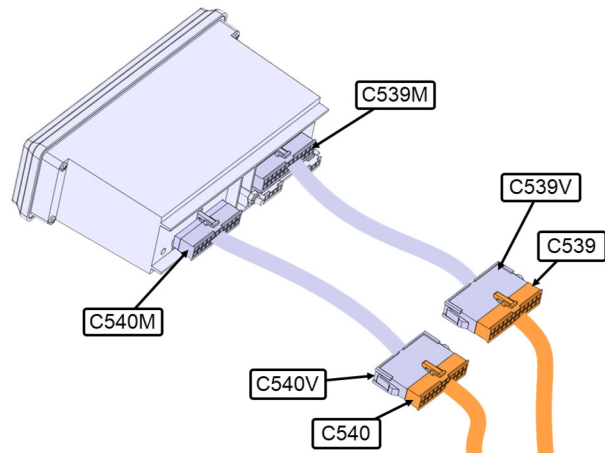
2. Remove the nut and disconnect the old control.



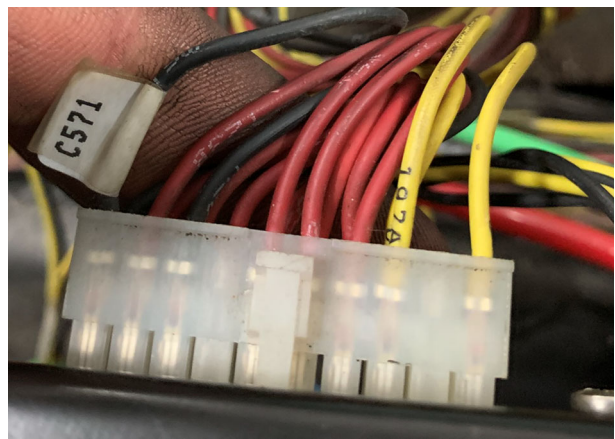
3. Connect the connectors **C539M** and **C540M** of the new interface harness 7772095 to the new control module 871373.
4. Connect the sensor harness connector **C479**.
5. Connect the main harness connector **C140**.



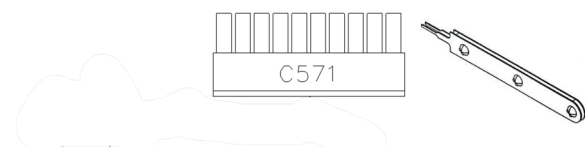
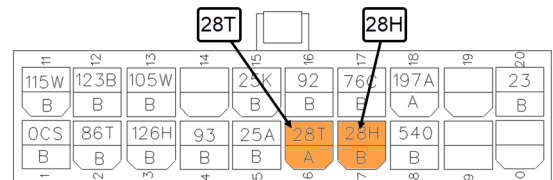
6. Connect the connector **C539V** of the new interface harness 7772095 to the main dash harness connector **C539**.
7. Connect the connector **C540V** of the new interface harness 7772095 to the main dash harness connector **C540**.



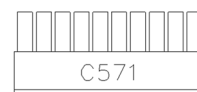
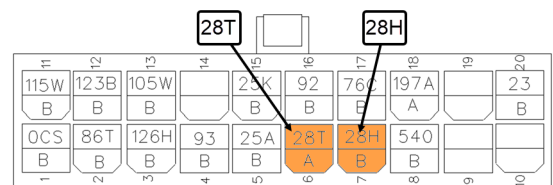
8. Locate connector **C571**.



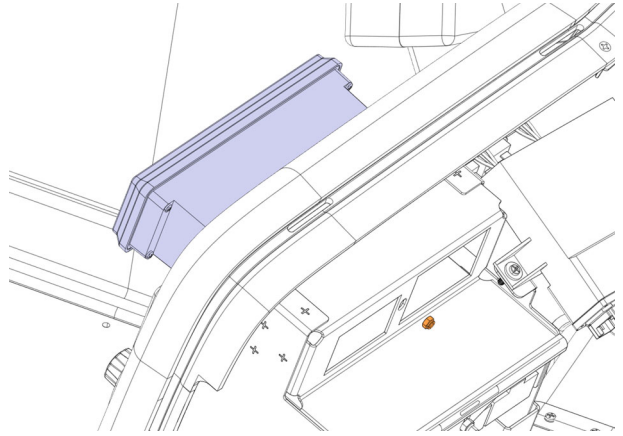
9. Disconnect the connector **C571**.
10. Extract wire **28T** from position 6 with extractor 682486.
11. Extract wire **28H** from position 7 with extractor 682486.
12. Cut the terminal and install shrink tube at end of each wire.



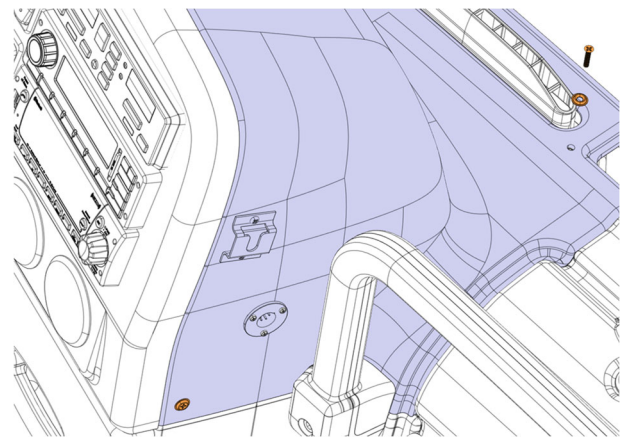
13. Insert the wire **28T** from the new interface harness at position 6 of the connector **C571**.
14. Insert the wire **28H** from the new interface harness at position 7 of the connector **C571**.
15. The red wire **65P** and install shrink tube at end of the wire.



16. Secure the new module 871373 with the nut.



17. Reinstall the dash cover with the screws (5x) and the washers (5x).



PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)