

Subject: Momentum Travel Trailers (25G, 28G & 29G) may have an EMS system wired incorrectly (hot wire not fed through current sensor) preventing optional 2nd A/C operation and results in tripped breaker					Number	19-004
					Date	6/11/2019
					Model	Momentum
					Build Date	10/1/18 - 6/1/19
Circulate To:	x	Service Manager	x	Parts Manager	x	Technician
	x	Warranty Processor		Sales Manager		

Concern:	EMS power shed for the Bedroom A/C and Water Heater is wired incorrectly. Hot wire is not routed through current sensor.
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Remedy:	Distribution panel must be removed to access EMS and reroute wire through current sensor.
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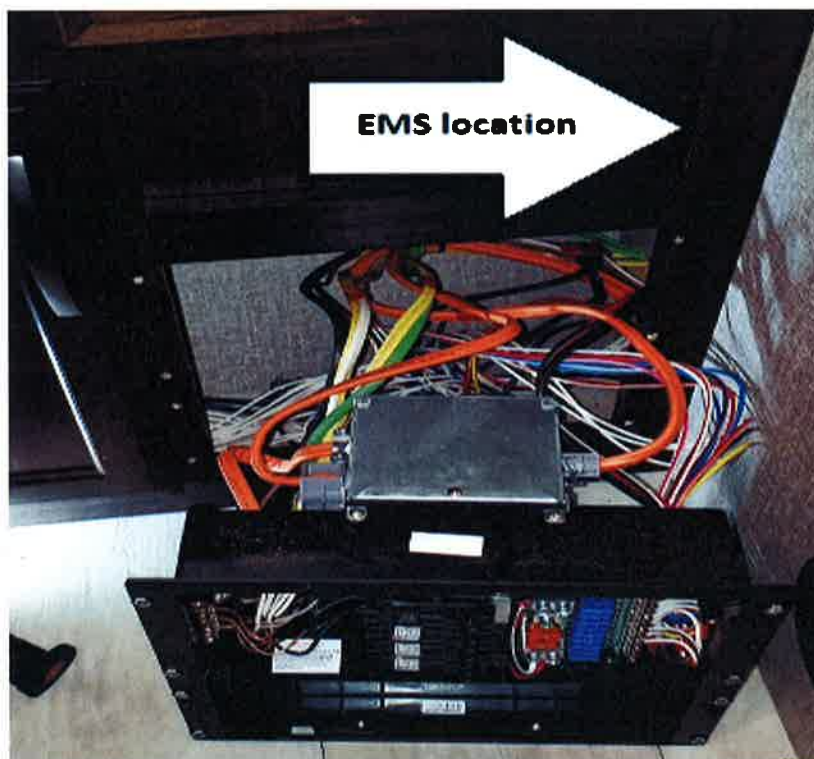
Flat Rate Code:	710073 - (Will authorize 2.0 for this repair)
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Step 1 - Tools Required

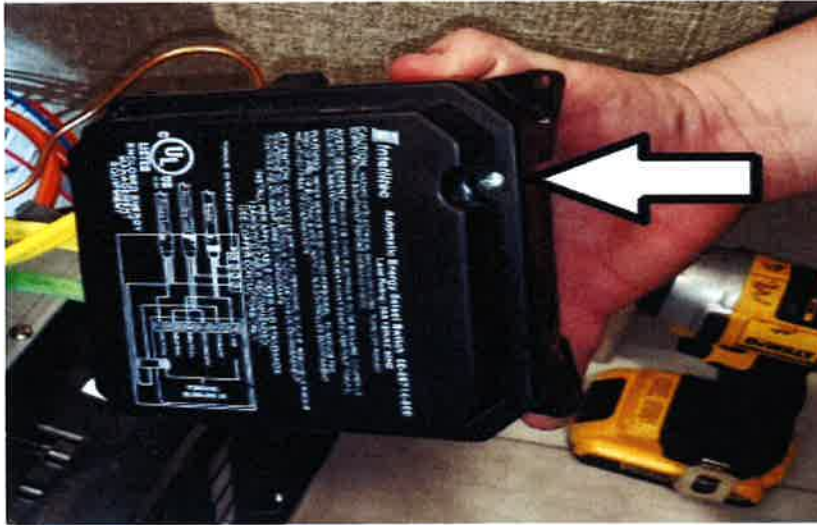
1. Screw gun
2. Square head, Philips and straight sleeve bit or straight screwdriver
3. Stanley knife
4. Wire strippers

Step 2 - Remove distribution panel to access EMS

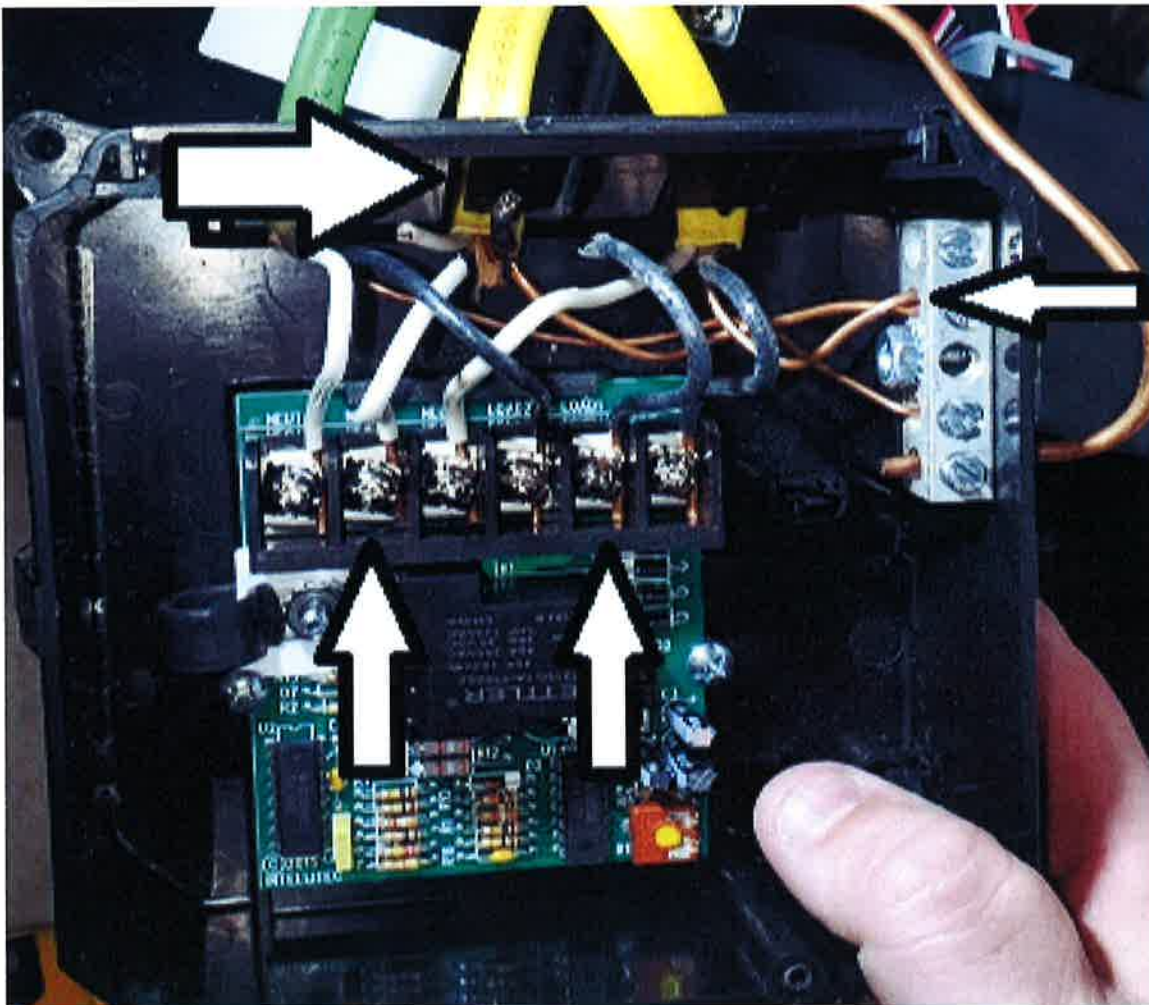
Step 3 - With distribution panel removed, access the EMS board located above and to the right



Step 4 - Pull EMS out of opening for easier access and remove screw securing cover

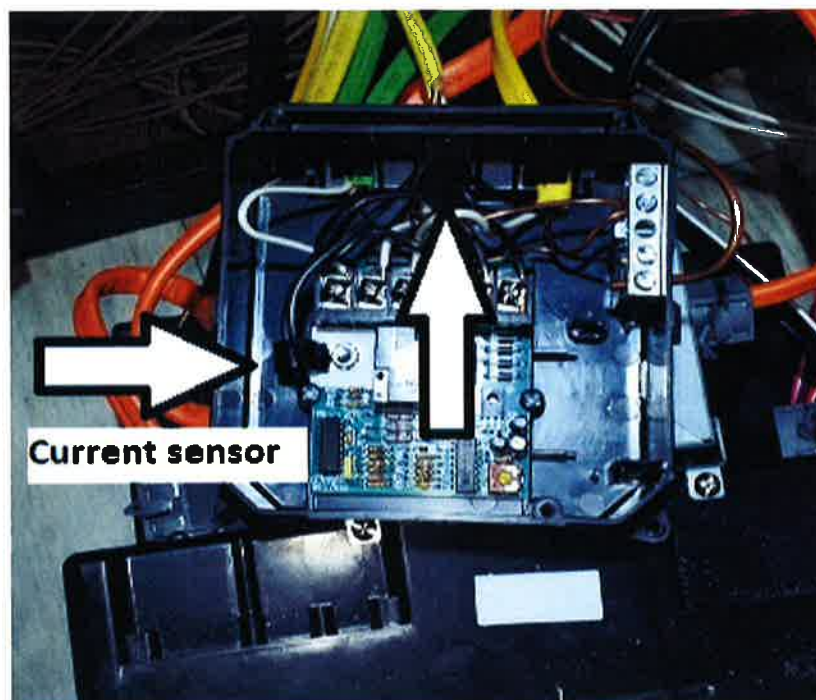


Step 5 - Cut center romex at point of entry. Loosen the lugs holding remaining sections of wire.



Step 6 - Strip romex wire sheathing back approximately 14 - 16" and remove paper

Step 7 - Reinsert the romex into the EMS housing and trim the white and ground wires to length. Route the black wire through the current sensor as shown below



Step 8 - Reinstall cover and resecure EMS. It is acceptable to mount on the "front" wall, provided the location is **higher** than the distribution panel, offering plenty of clearance.

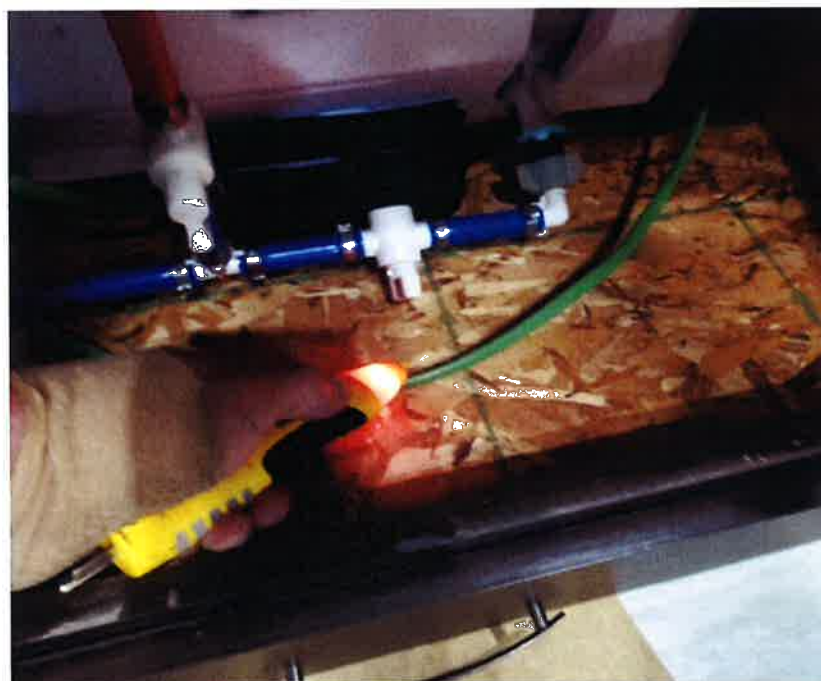
Step 9 - Remove the access panel under the refrigerator to access the water heater 120v wire



Step 10 - Verify wiring by checking for power to the water heater with the bedroom A/C running. If EMS is functioning properly, a non-contact voltage tester should show no current when testing at the water heater.



Step 11 - Turn off the bedroom A/C. Test current at water heater. Use a non-contact voltage tester to ensure voltage is present at the water heater. If so, the EMS is functioning correct. If a non-contact voltage tester is not available, the water heater can be filled and turned on to ensure proper functionality.



If you have any further questions or need assistance please contact our technical service team at 574- 825-9679