



## IMPORTANT SAFETY RECALL

### \*\* RECALL NOTICE \*\*

**NHTSA Safety Recall 24V-662**

**Transport Canada #2024-512**

**TO: Winnebago Motorhome Dealers**

**SUBJECT: Campaign # 188 – Air Conditioner Soft Start Module**

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle which is subject to a recall campaign of this type must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time.

If the condition is not adequately repaired within a reasonable time, the owners may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation.

To avoid having to provide these burdensome solutions, every effort must be made to promptly schedule an appointment with each owner and to repair their vehicle as soon as possible. As you will see in reading the enclosed copy of the letter, which is being sent to owners, the owners are being instructed to contact Winnebago Motorhomes, if you do not remedy the condition within five days of the mutually agreed upon service date. If the condition is not remedied within a reasonable time, they are instructed on how to contact the National Highway Traffic Safety Administration.

#### **Reason For This Recall**

Winnebago Motorhomes has decided that a defect related to motor vehicle safety exists on certain:

2024 - 2025 Ekko and 2025 View / Navion Motorhomes

These motor homes were manufactured **October 19, 2023**, through **August 23, 2024**. Our records indicate that you have purchased a vehicle with the serial number which appears above.

Air conditioner soft start modules installed in certain Winnebago vehicles may fail without any warning.

This failure may potentially lead to overheating, an air conditioner soft start module that overheats increases the risk of a fire.

#### **Owner Notification**

Owners will be notified of this campaign on their vehicles by Winnebago Motorhomes. For all units in your inventory, the notification will be mailed to you. **DO NOT DELIVER TO A CUSTOMER ANY SUBJECT UNIT UNTIL CORRECTIVE ACTION HAS BEEN TAKEN.**



## IMPORTANT SAFETY RECALL

### Dealer Campaign Responsibility

Dealers are to service all vehicles subject to this campaign at no charge to owners regardless of mileage, age of vehicle, or ownership from this time forward.

Whenever a vehicle subject to this campaign is taken into new or used vehicle inventory or it is in your dealership for service in the future, you should take the steps necessary to be sure the campaign correction has been made before reselling or releasing the vehicle. Owners of vehicles recently sold from your new vehicle inventory are to be contacted by the dealer and arrangements made to make the required correction according to instructions contained in this campaign.

### Repair Procedure:

Refer to instructions.

### Parts Information:

Order the corresponding Part Kit from Winnebago Motorhomes using the WinPortal system to identify the labor operation number and create the order. You will be placing the order as a Recall type. You will need the Recall dealer number and the Winnebago Industries serial number of the affected vehicle to place the order. **Recall parts kit must be ordered through Winnebago Motorhomes.**

### Reimbursement:

When the service has been completed, submit the labor amount and labor operation number listed below. Your repair order must be properly signed by both the dealer and the owner.

**Labor operation numbers can be found in the Warranty section of WinPortal under Vehicle Info.**

#### **GE AC with GE Soft Start Installed**

Operation Number	Dealer Number	Parts Kit	Time Allowance
24881301	7939	RC7939-25-788	1 hour

#### **Truma AC with GE Soft Start Installed**

Operation Number	Dealer Number	Parts Kit	Time Allowance
24881201	7940	RC7940-25-788	1.2 hours

**A return label will be included in the parts kit to return the removed soft start.**

Thank you for your cooperation.

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Winnebago Motorhomes  
Forest City, Iowa 50436  
Enclosures



# ICM Soft Start Replacement with Micro-Air Easy Start

## Classification

Recall - Rework

## Model & Model Year

Ekko 2024-2025

View/Navion 524T

**Disclaimer:** Read the entire instructions carefully before starting the procedure. If you have any questions, please contact the Winnebago Industries Technical Service Department by calling 1-866-653-4329 or by email: [techservice@wgo.net](mailto:techservice@wgo.net). This document is confidential and is intended for dealer use only.

## Condition

ICM soft start module installed in certain Winnebago Motorhome AC units may contain some unknown design and/or manufacturing defect that increases the risk of a thermal event in the affected soft start units. GE Appliances has recalled these soft start units.

## Correction

Replace the ICM Soft Start with the Micro-Air Easy Start module.

Correction Description	Correction	Time
Replace the ICM Soft Start with the Micro-Air Easy Start module	Rework	1.0

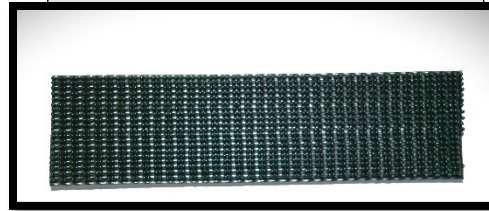
Part Required	Part Number	Description	Quantity
	RC7939-25-788	Recall #188 GE SFT STRT RPLCE	
	360095-01-000	Soft Start Micro-Air Breeze (Included with Kit)	1
	085774-01-000	Fastener – Dual Lock (Included with Kit)	0.5
	085774-02-000	Fastener – Dual Lock (Included with Kit)	0.5
	008343-04-000	15 Inch Zip Tie (Included with Kit)	2
	008343-03-000	7.5 Inch Zip Tie (Included with Kit)	5
<b>Shop Supplies</b>	Isopropyl Alcohol		
	Screw Gun & #2 Philips Bit		
	Electrical Tape		

# Parts Kit Image Reference

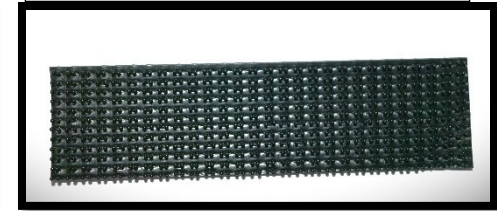
Soft Start Micro-Air Breeze (360095-01-000)



Dual Lock (085774-01-000)



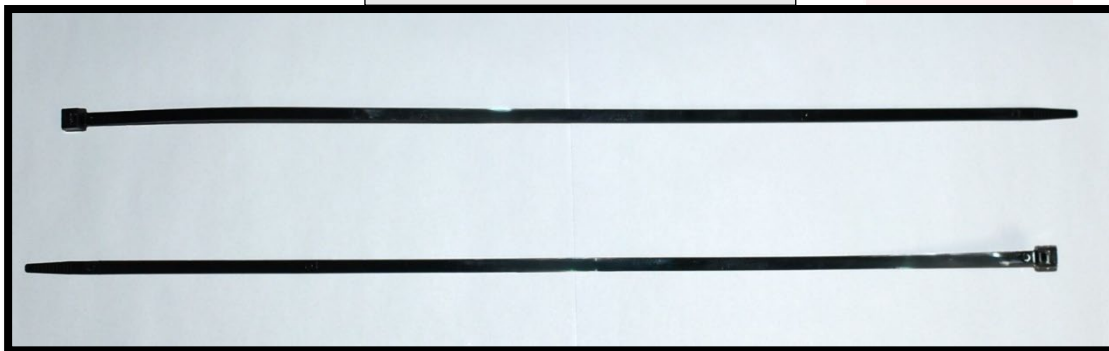
Dual Lock (085774-02-000)



Zip Tie 7.5" (008343-04-000)



Zip Tie 15" (008343-04-000)



# Steps & Procedures

## Step 1: Preparation of material and the vehicle.

Objective: Gather Material & Ensure the Vehicle is completely shut off.

1. Ensure the house 12V Battery, 250 Amp Battery Breaker, Coach Battery Switch, Inverter button and Inverter Disconnect are on the OFF position and cover or disconnect the solar panels.
2. Gather the needed Kit and all the needed material. (See Figure 1)



Figure 1

## Step 2: Remove the AC Roof Cover

Objective: Safely remove the AC Roof Cover to access the ICM Soft Start.

1. Using a screw gun, remove all 4 screws down on the lower corners of the AC Cover to access the ICM Soft Start. (See Figure 2, 3 & 4)
2. Ensure to keep the 4 screws for reinstallation of the AC roof cover once the entire fix procedure is completed.
3. Locate the ICM Soft Start and the Black Compressor Cover. (See Figure 5)



Figure 2



Figure 3

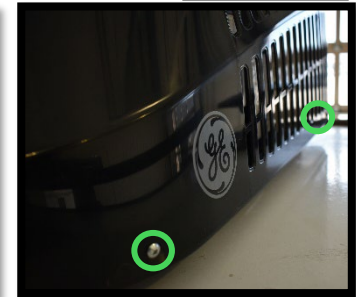


Figure 4



Figure 5

### Step 3: Remove the Black Capacitor Cover

Objective: Safely remove the Black Capacitor Cover to locate the wiring locations.

1. Using a ¼” socket, socket wrench, and a #2 Philips bit, remove a total of 5 screws from the capacitor cover to access the wiring locations.
  - a. 1 Screw is on the bottom left-side base of the cover (See Figure 6). 2 screws are found at the top of the Capacitor Cover (See Figure 7). 2 screws are found at the right-side base of the cover (See Figure 8).

**NOTE: THE CAPACITOR IN THIS AIR CONDITIONER IS A LIVE PART WHICH MAY STILL HOLD LIFE-THREATENING RESIDUAL VOLTAGE. EVEN AFTER THE SYSTEM HAS BEEN SWITCHED OFF, THE CAPACITOR MAY CAUSE SERIOUS OR FATAL INJURIES. BE SURE TO DISCHARGE THE CAPACITOR USING BEST SAFETY PRACTICES.**

Figure 6

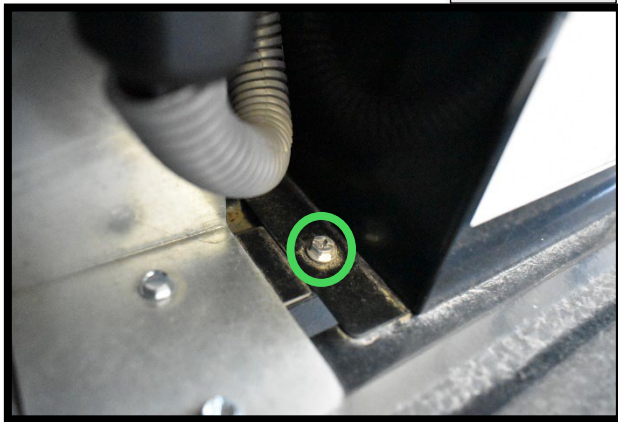
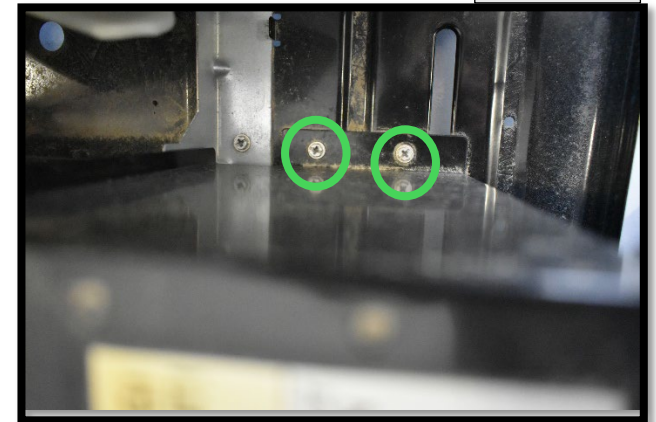


Figure 7



Figure 8



#### Step 4: Unmount the ICM Soft Start and the Metal Bracket holding the Soft Start

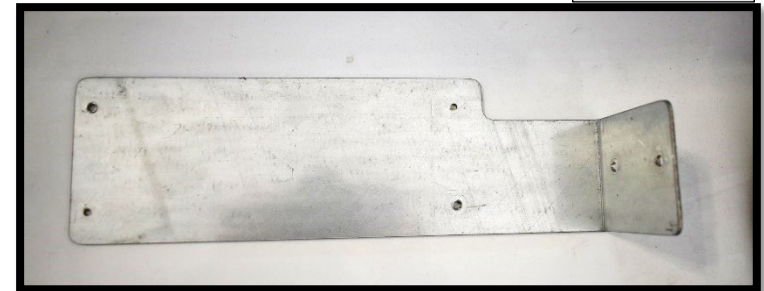
Objective: Carefully remove the Soft Start from the Metal Bracket it is screwed on to.

1. Locate the 2-4 total top and bottom screws on the ICM Soft Start that hold the Soft Start to the metal bracket. (See Figure 9 – Green Marks)
2. Once removed, unscrew the 2 total screws to remove the metal bracket. (See Figure 9 – Yellow Marks)
3. Only the Soft Start being removed needs to be returned to Winnebago. The bracket & extra screws can be disposed. (See Figure 10 for ICM Soft Start Bracket reference)

Figure 9



Figure 10



**a. Use the included Parts Return Label and ship the part back to the following:**

**SHIP TO:**

**Dianna Moore**

**(641) 585-3535**

**Winnebago Industries**

**605 W Crystal Lake Rd, Forest City, IA 50436-2316**

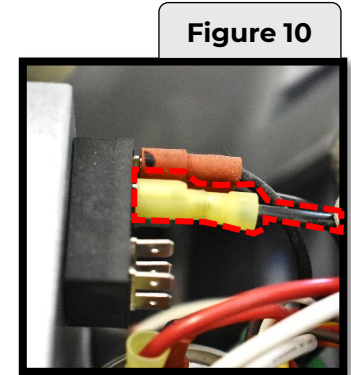
**Note: Be sure to retain the Existing ICM Soft Start and Return it to Winnebago. Use the label provided to you in the Kit to send it to the correct Winnebago address.**

**Failure to follow this instruction will result in the claim NOT being paid!**

## Step 5: Remove the ICM Soft Start Wires from the connection points on the Capacitor

Objective: Safely disconnect the Wires that come from the ICM Soft Start through the capacitor cover.

Remove the ICM Soft Start's Black wire from the Terminal Block on the Right set of terminals. (See Figure 10 – Highlighted in Red)



- a. Ensure to remove the correct Black wire that is from the ICM Soft Start.
2. Remove the ICM Soft Start's Red Wire from the capacitor cap where there are 2 Red wires connected. (See Figure 11 – Highlighted in Yellow)

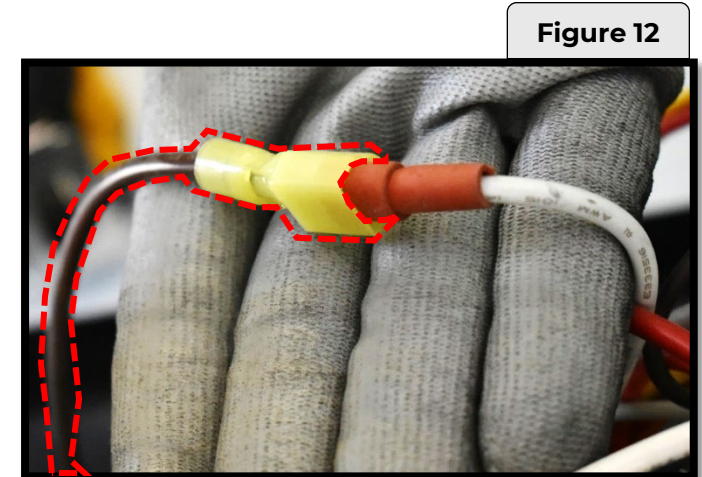
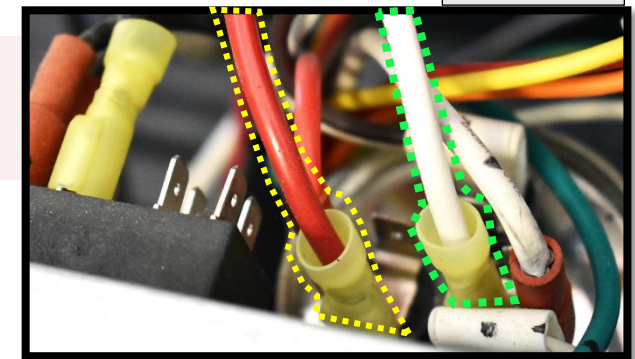
- a. Ensure to remove the correct Red wire from the right-side capacitor cap. The wire you need to remove is the one connected to the ICM Soft Start. (See Figure 11 - Highlighted in Yellow)

3. Remove the ICM Soft Start's White wire from the left-side capacitor cap where there are 2 White wires connected. (See Figure 11– Highlighted in Green)

- a. Ensure to remove the Correct White wire. The wire you need to remove is the one connected to the ICM Soft Start. (See Figure)

4. Disconnect the Brown wire from the ICM Soft Start connection point that has a White wire connected from that connection point, into the compressor. (See Figure 12 – Highlighted in Red)

- a. The brown wire you need to remove is connected to the ICM Soft Start.



## Step 6: Install the new Micro-Air Soft Start Wiring

Objective: Properly connect all the new wires into the locations of the removed ICM Soft Start's wires.

1. Feed the braided cord (wire ends) of the new Micro-Air Soft Start between the Capacitor Bracket and the Fan Motor Bracket. (See Figure 12)

2. Install the new Micro-Air Soft Start's 4 Wires in their proper locations. (See Figures 13-A & 13-B)

A. The Black Wire of the new Soft Start needs to be connected to the right set of terminals on the terminal block. (A)

B. The Orange Wire of the new Soft Start needs to be connected on the right-side capacitor cap, where the ICM's Red wire was removed from. (B)

C. The White Wire of the new Soft Start needs to be connected to the left-side capacitor cap, where the ICM's White wire was removed from. (C)

D. The Brown Wire of the new Soft Start needs to

be connected to the connection point that has a White wire connected from that connection point, into the compressor. Use electrical tape to secure the connection point. (D)

Figure 12

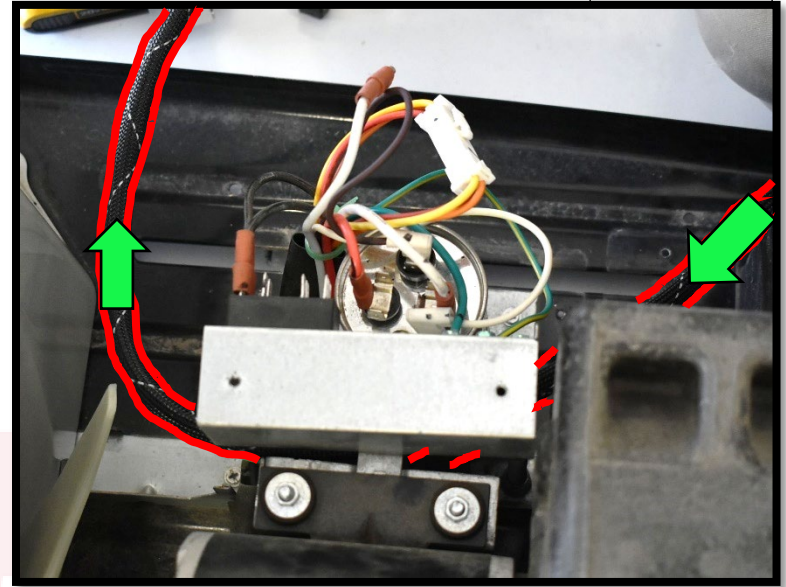


Figure 13-A

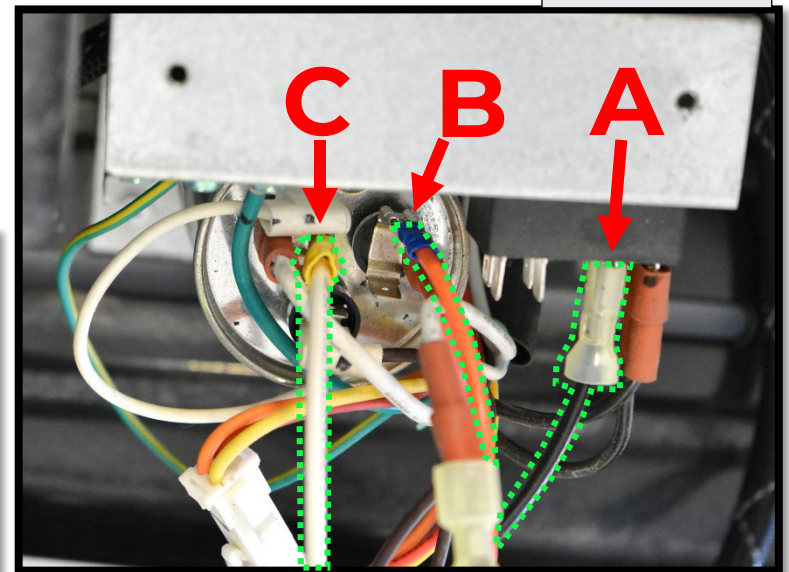
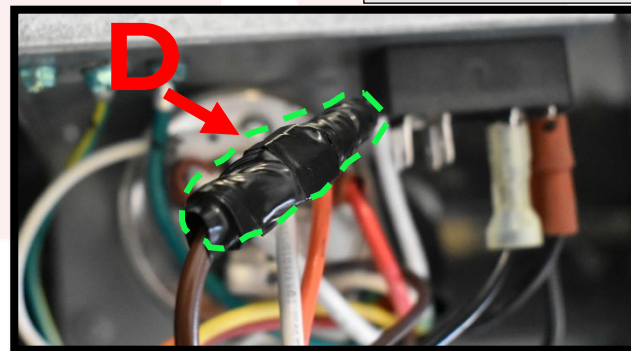


Figure 13-B



## Step 7: Organize the Wiring and Prepare the Micro-Air Soft Start for Installation

Objective: Secure the Wires and Add Dual Lock to the Left Side of the Capacitor Cover and the back side of the Micro-Air Soft Start Module.

1. Use the smaller 7.5-inch Zip-ties to secure all loose wiring to avoid wire chafing and ensure it does not get pinched during capacitor cover installation. (See Figure 14)
2. Use Isopropyl Alcohol to clean the surface of the back of the Soft Start and Dual Lock to prepare the Soft Start for reinstallation.
  - a. Trim 1 piece of the supplied mounting strip into two sections and install them on the Soft Start as shown. (See Figure 15-A)
  - b. Trim 1 piece of the supplied mounting strip into two sections and install them on the Soft Start where the first 2 pieces of Dual Lock were added to. (See Figure 15-B)

Figure 14

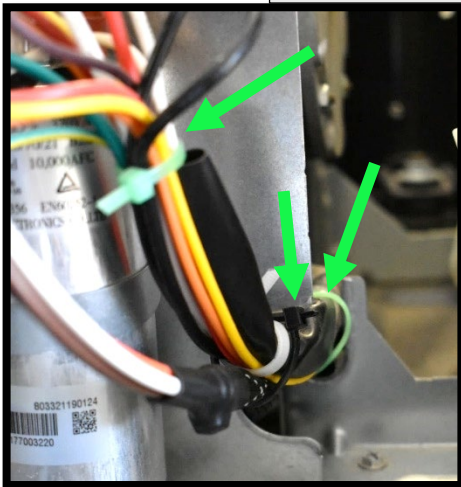


Figure 15-A

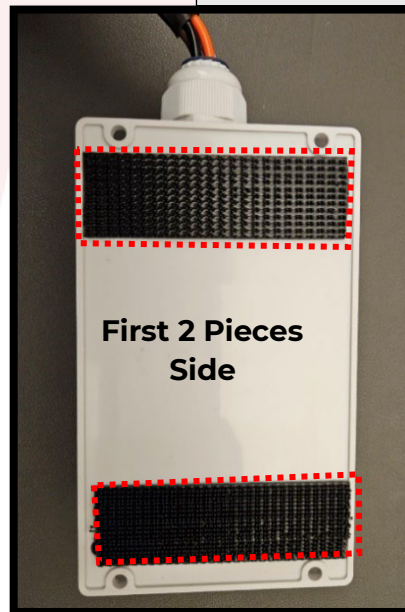


Figure 15-B



## Step 8: Reinstall the Capacitor Cover and Micro-Air Soft Start Module

Objective: Properly install the Capacitor Cover and the Micro-Air Soft Start Module

1. Ensure the length of exposed wire outside of the braided sleeve from the new soft start is positioned under the capacitor cover.
2. Ensure the wires from the soft start go through the opening found on Capacitor Bracket's bottom right side. (See Figure 17)
3. Once organized, install the Capacitor Cover using the ¼” socket and socket wrench to install all 5 screws.
4. Once Capacitor Cover is installed, prep the mounting surface on the Capacitor cover by cleaning with isopropyl alcohol and remove the Dual Lock’s white liner from the Soft Start’s back side of the second 2 pieces installed Dual Lock to adhere it to the Capacitor cover. Secure the excess harness to avoid chaffing. (See Figure 18) For better security hold, use the 2 - 15-inch Zip Ties to secure the new Soft Start to the body of the Capacitor Cover. (See Figure 18 – Highlighted in Red)

Figure 17

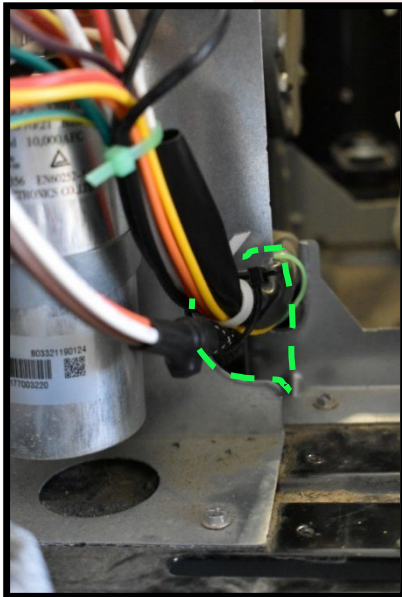


Figure 18



## Step 9: Reinstall the A/C Roof Cover

Objective: Properly Install the A/C Roof Cover back on.

1. Set the A/C Roof Cover back on the base of the cover and align the screw holes on both the base of the cover and the cover itself. (See Figure)
2. Install the 4 screws back on using a screw gun with a #2 Philips bit.

Figure 19



## Step 10: Testing

Objective: Testing Successful Installation of the Micro-Air Soft Start Module

1. Ensure the house 12V Battery, 250 Amp Battery Breaker, Coach Battery Switch, Inverter button and Inverter Disconnect are on the ON position to supply 12V and 110V power to the A/C and uncover or connect back the solar panels.
2. Within the vehicle, use the A/C control panel to turn the A/C to its lowest temperature setting and highest fan speed.
3. Listen for the Compressor and fan operation.
  - a. Confirm that conditioned air is coming out of the roof vents.
4. If no cool air is coming from the vent, please retry the procedure.



# Truma Aventa/ICM Soft Start Replacement

**Classification**

Recall - Rework

**Model & Model Year**

524T View Navion

**Disclaimer:** Read the entire instructions carefully before starting the procedure. If you have any questions, please contact the Winnebago Industries Technical Service Department by calling 1-866-653-4329 or by email: [techservice@wgo.net](mailto:techservice@wgo.net). This document is confidential and is intended for dealer use only.

## Condition

ICM soft start module installed in certain Winnebago Motorhome AC units may contain some unknown design and/or manufacturing defect that increases the risk of a thermal event in the affected soft start units. GE Appliances has recalled these soft start units.

## Correction

Replace the ICM Soft Start with the new Truma Aventa Soft Start unit.

Correction Description	Correction	Time
Replace the ICM Soft Start with the new Truma Aventa Soft Start unit.	Rework	1.2

	Part Number	Description	Quantity
<b>Part Required</b>	RC7940-25-788	Recal # 188 GE SFT STRT-TRUM	
	360450-01-000	Truma Soft Start with Install Kit (Included with Kit)	1
	154585-02-01A	Foam Tape (6") (Included with Kit)	1
	007956-08-000	Heat Shrink (Included with Kit)	1
<b>Item ID</b>			
<b>Special Tools</b>			
<b>Shop Supplies</b>	Screw Gun & #2 Philips and T15/T25/T30 Torque Bits		
	Soldering Gun with Solder		
	Heat Source (Heat Gun, Lighter, etc.)		
	Wire Cutter/Stripper		

# Parts Kit Image Reference

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**Truma Soft Start with Install Kit  
(360450-01-000)**



**Foam Tape 6" (154585-02-01A)**



**Heat Shrink (007956-08-000)**



# Steps & Procedures

## Step 1 – Pre-Rework Prep: Verification of ICM SoftStart Module Components

Objective: Confirm presence of all ICM SoftStart kit components

1. The existing SoftStart module may vary from coach to coach; these instructions are specifically for the ICM SoftStart. (See Figure 1 for typical ICM SoftStart appearance)
  - a. Soft start can be seen by looking through or removing the return air cover. The return air cover is located on the ceiling inside the coach, directly beneath the AC unit.
2. Verify the contents of the Truma SoftStart kit. (See Figure 2)
  - a. 1 SoftStart module with harness and bracket attached.
  - b. 1 small bag containing 1 self-tapping screw, 1 flanged nut, 2 zip ties, and 2 clear heat shrink sleeves.

Figure 1




Figure 2



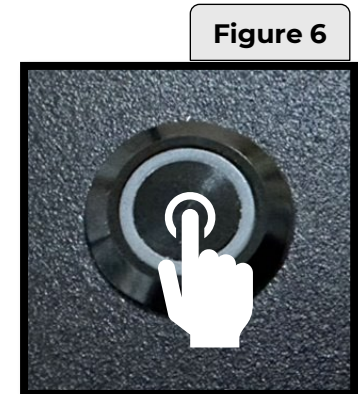
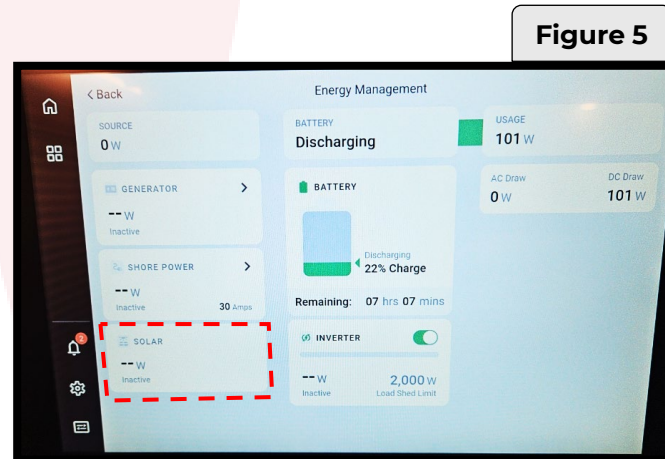
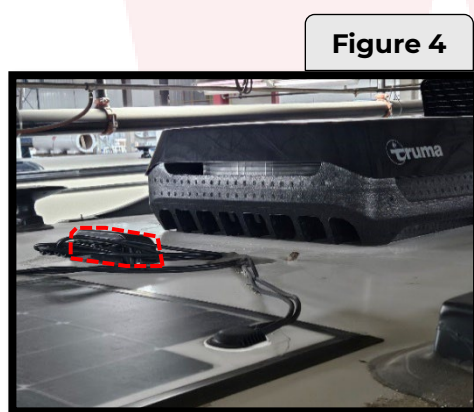
## Step 1 – Pre-Rework Prep Continued: Power Disconnection Procedure

Objective: Ensure complete power disconnection from the AC unit.

1. Disconnect power from the AC unit and wait 5 minutes before performing this install to allow the capacitor to discharge. To fully disconnect power, follow the steps below. 
  - a. Disconnect Shore Power Cord from coach. (See Figure 3)

**NOTE: THE CAPACITOR IN THIS AIR CONDITIONER IS A LIVE PART WHICH MAY STILL HOLD LIFE-THREATENING RESIDUAL VOLTAGE. EVEN AFTER THE SYSTEM HAS BEEN SWITCHED OFF, THE CAPACITOR MAY CAUSE SERIOUS OR FATAL INJURIES. BE SURE TO DISCHARGE THE CAPACITOR USING BEST SAFETY PRACTICES.**
  - b. Fully cover the solar panels or disconnect them from the solar ports. (See Figure 4). Validate that no solar charge is coming in by checking the energy management page on the coach control panel and confirm that solar is listed as inactive. (See Figure 5)
  - c. Turn OFF the 12v house battery/batteries by holding down the power button for 3 Seconds. Make sure the blue LED light is OFF. (See Figure 6)

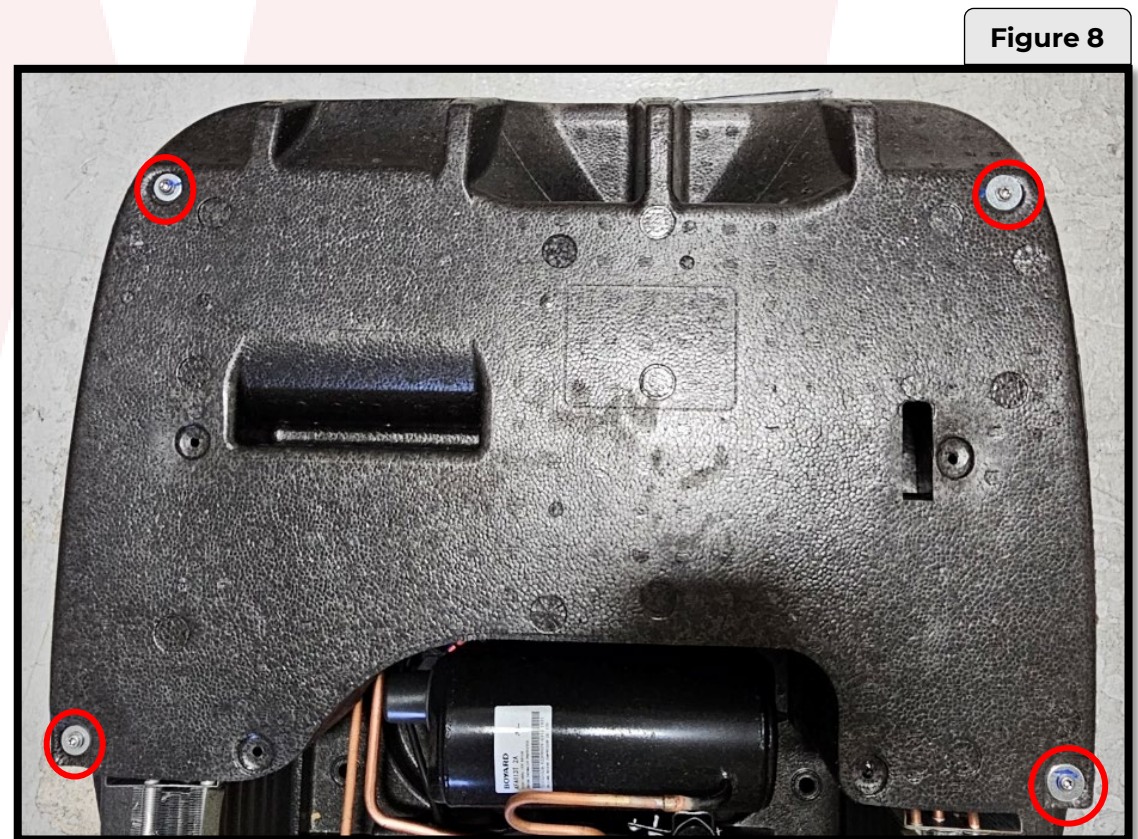
**Note:** Depending on coach build, the power button is either located on the top of the single house battery under the entrance doorstep cover, or on the Battery BMS in the first compartment on the driver side.



## Step 2: Disassembly – Removal of AC Unit Covers

Objective: Safely detach the top cover and black EPP half cover of the AC unit for access.

1. Using a screw gun with either a #25 or # 30 Torque bit (depending on the screw size being removed) unscrew and remove the screws holding the top cover of the AC unit in place. There may be 6 to 8 screws depending on AC unit. Keep the screws for reassembly later. Remove the cover and set aside. (See Figure 7)
2. Remove the black EPP half cover by removing the screws and washer with either a #25 or # 30 Torque bit (depending on the screw size being removed) and lifting the cover off. There may be 2 to 4 screws depending on AC unit. Set the cover aside. Keep the screws for reassembly later. (See Figure 8)



### Step 3: Remove Existing Soft Start - SoftStart Removal and Wire Connection Modification

Objective: Detach the SoftStart module and modify the wire connections as specified.

1. At the front of the AC unit, through the return air opening in the AC unit the SoftStart should be visible. It is mounted with Velcro. Detach the soft start from its mounting point and pull it up and out of the AC.
2. Locate the connection between the SoftStart Brown wire and the AC Blue wire. Disconnect this connection. (See Figure 9)
3. Locate the Yellow Y-Splice connection between the Red AC wire and the Black soft start wire. Cut out the Y-Splice from the Red connection leaving as much of the red wire as possible. (See Figure 10)
4. Reconnect the Red AC wire by solder splicing the two sides back together where it was previously spliced. (See Figure 11)
  - a. Before soldering, slide the Winnebago supplied black heat shrink over one side of the Red AC wire.
  - b. After soldering, slide the Winnebago supplied heat shrink over the solder spliced connection to cover it fully. Using a heat source (lighter, heat gun, or similar) carefully heat the heat shrink sleeve over connection until it shrinks over the connection to create a tight protective cover.
  - c. Tug on the soldered wire to confirm a strong soldered connection.

**Note:** If the Red AC wire is too short to solder, follow the instructions on the following pages to remove the Control Box Cover and disconnect the Red AC wire from the Control Board. Then return and solder the Red AC wire.

Figure 9

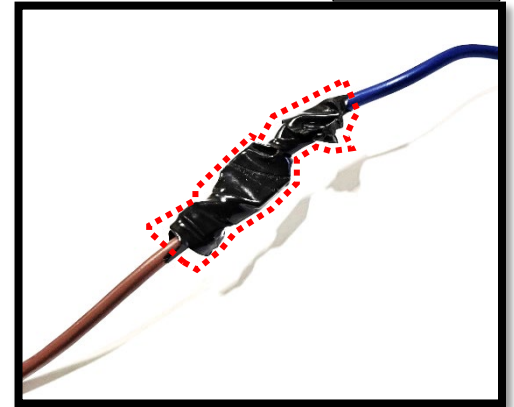


Figure 10

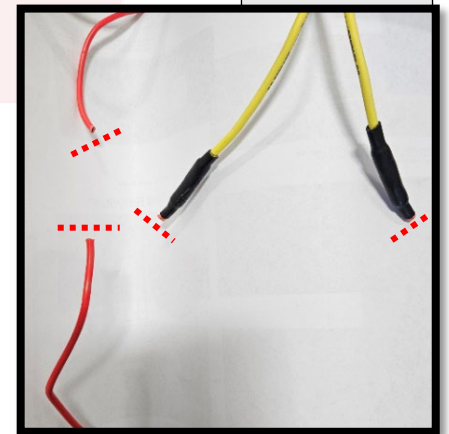
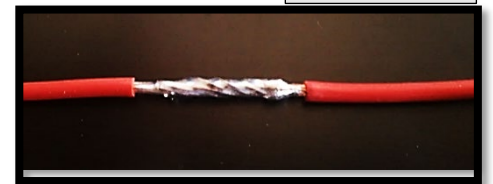


Figure 11



### Step 3: Remove Existing Soft Start Continued - Capacitor Access and SoftStart Disconnection

Objective: Access capacitor connections and detach the SoftStart wires for complete removal.

1. Carefully remove the round white plastic cover from the capacitor. (See Figure 12). Only remove it enough to gain access to the connections, do not disconnect the wires from the capacitor to fully remove the white plastic cover.

**a. NOTE: THE CAPACITOR IN THIS AIR CONDITIONER IS A LIVE PART WHICH MAY STILL HOLD LIFE-THREATENING RESIDUAL VOLTAGE. EVEN AFTER THE SYSTEM HAS BEEN SWITCHED OFF, THE CAPACITOR MAY CAUSE SERIOUS OR FATAL INJURIES. BE SURE TO DISCHARGE THE CAPACITOR USING BEST SAFETY PRACTICES.**

2. Disconnect the SoftStart White wire and the SoftStart Red/Orange wire (depending on soft start model) from the capacitor connections and carefully remove them both from the round white plastic cover. (See Figure 13)
3. The existing SoftStart should now be able to be fully removed from the AC unit.

**a. Use the included Parts Return Label and ship the part back to the following:**

**SHIP TO:**

**Dianna Moore**

**(641) 585-3535**

**Winnebago Industries**

**605 W Crystal Lake Rd, Forest City, IA 50436-2316**

Figure 12

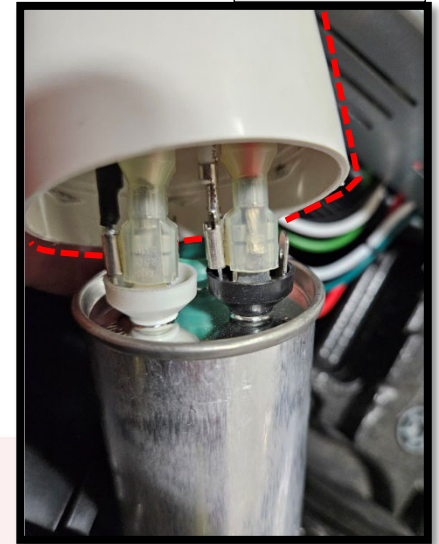
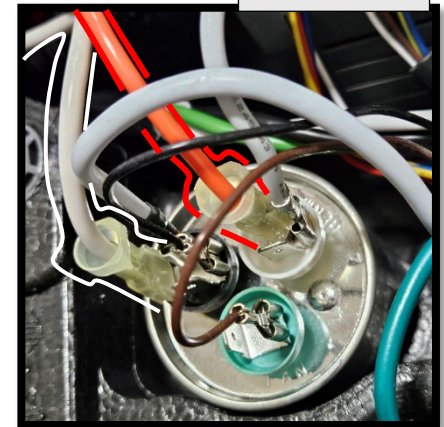


Figure 13



**Note: Be sure to retain the Existing ICM Soft Start and Return it to Winnebago. Use the label provided to you in the Kit to send it to the correct Winnebago address.**

**Failure to follow this instruction will result in the claim NOT being paid!**

## Step 4: Mounting the New Soft Start – Installation of Soft Start Module

Objective: Properly mount the SoftStart module onto the AC unit bracket.

1. At the front of the AC unit, locate the metal bracket just ahead of the return air opening. The SoftStart module will be mounted here. (See Figure 14 – Green Dashed Area)
2. Locate the SoftStart on the bracket so that the cable is on the left and the slightly raised SoftStart bracket on the right-side fits over the bolt on the AC unit bracket. When comfortable with this location, peel the red film off the adhesive on the bottom of the SoftStart module and place on bracket as shown in Figure 15.
3. Secure the right side of the SoftStart by installing the flange lock nut to the bolt. (See Figure 15 Yellow Arrow)
4. Secure the left side of the SoftStart by installing the self-tapping screw through the SoftStart left side bracket hole and into the AC unit bracket. (See Figure 15 Red arrow).

Figure 14

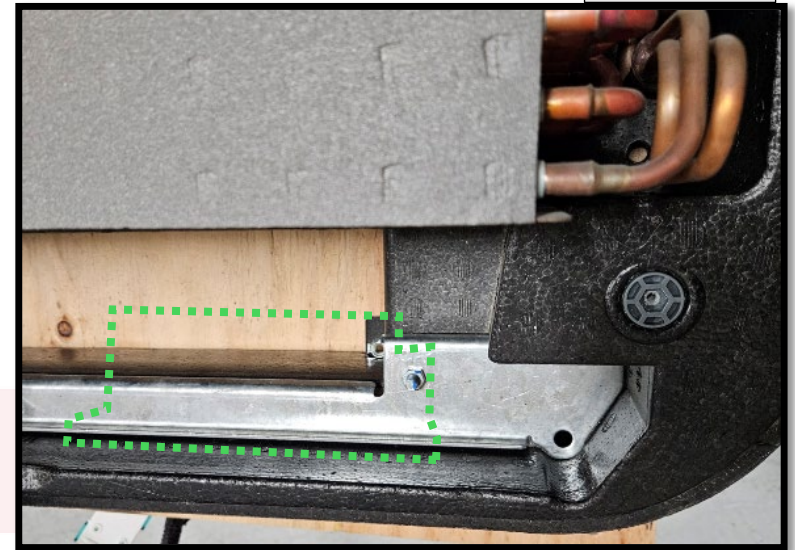
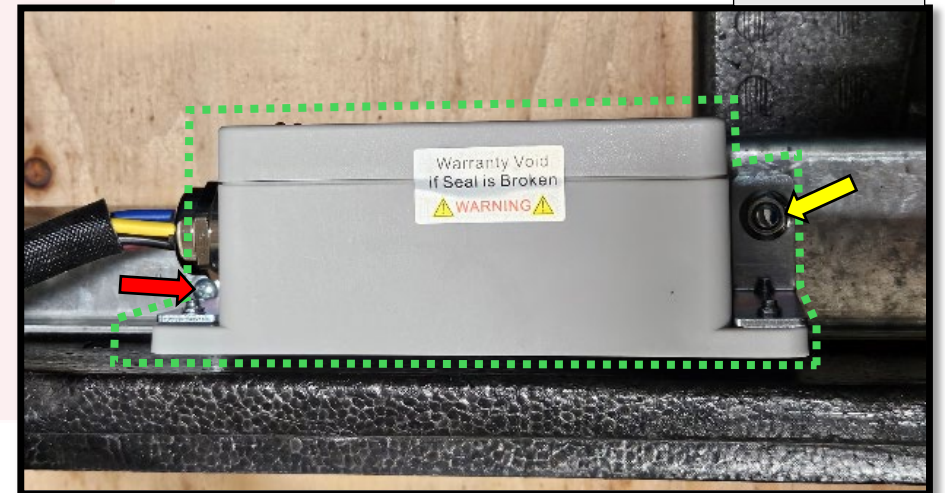


Figure 15



## Step 5: Connect the New Soft Start to the Control Board

Objective: Route the SoftStart wiring harness and connect it to the AC unit control board.

1. Route the SoftStart wiring harness through the wiring channel to the control box. (See Figure 16)
2. Standing at the front of the AC unit, on the left side is the control board inside a metal housing. (See Figure 17)
3. Using a #15 Torque bit remove the 3 screws that hold the top cover of the control board in place and remove cover. Keep the screws for reassembly later. (See Figure 17)
4. Slide a clear heat shrink sleeve over the Brown wire from the SoftStart. With the control board cover removed locate the Red wire on the AC unit control board (See Figure 18). Disconnect it from the board and connect it to the Brown wire in the SoftStart harness. Slide the clear heat shrink sleeve over the connection to cover it completely (See Figure 19). If soldering the Red AC wire was skipped previously, go back and solder splice the wire back together.
5. Connect the Red wire from the SoftStart harness to the AC unit control board, where the first Red wire was removed. (See Figure 20)

Figure 16

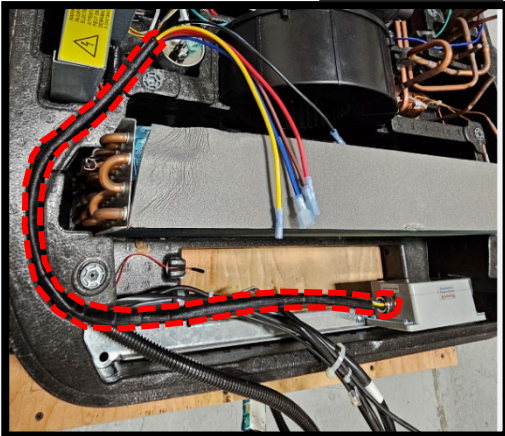


Figure 17

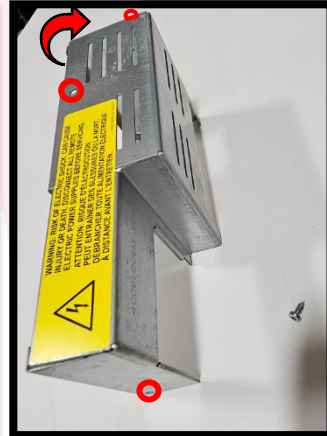


Figure 18

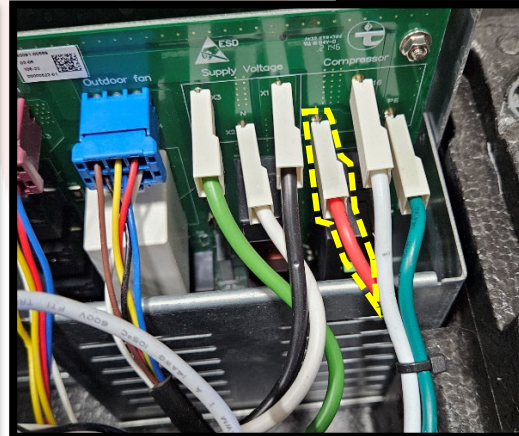


Figure 19

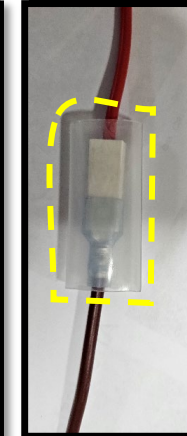
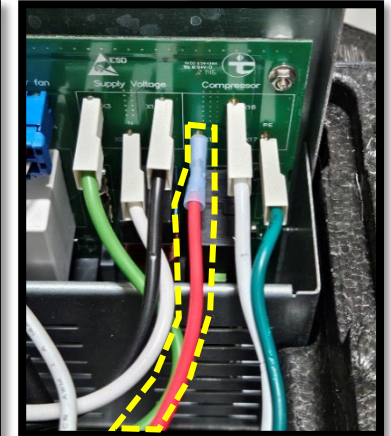


Figure 20



## Step 5: Continued - Connect the New Soft Start to the Capacitor

Objective: Securely connect the SoftStart wires to the capacitor and apply heat shrink for protection.

1. Slide a clear heat shrink sleeve over the Blue wire. Connect the Blue wire from the AC unit to the Blue wire from the SoftStart harness. Slide the clear heat shrink sleeve over the connection to cover it completely. (See Figure 21)
2. Using a heat source (lighter, heat gun, or similar) carefully heat the clear heat shrink sleeve on the Blue wire connection until it shrinks over the connection to create a tight protective cover. Repeat this process for the Red/Brown wire connection. (See Figure 22)
3. Carefully slide the Yellow wire from the SoftStart harness through the wire access hole in the white plastic capacitor cap and attach to the White terminal on the capacitor. (See Figure 23 – yellow arrow)
4. Carefully slide the Black wire from the SoftStart harness through the wire access hole in the white plastic capacitor cap and attach to the Black terminal on the capacitor. (See Figure 23 - red arrow)
5. Carefully slide the white plastic capacitor cap back onto the capacitor and nest the capacitor back into its location in the AC unit base. (See Figure 24)

Figure 21

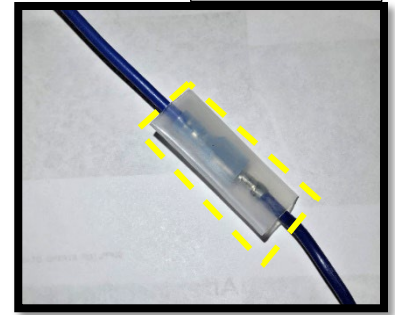


Figure 22

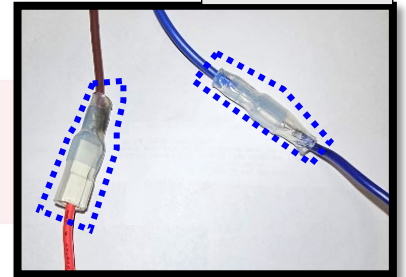


Figure 23

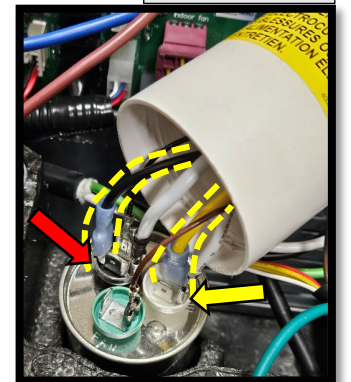


Figure 24



## Step 7: Secure the Wiring - Securing the SoftStart Harness to AC Unit Power Cable

Objective: Ensure proper installation and sealing of the SoftStart harness and wiring within the AC unit.

1. Using the provided zip ties secure the SoftStart harness to the AC unit 120V power cable in the locations shown in Figure 25.
2. Make sure all wires are securely tucked into channel or in open area around control board.
3. Reinstall the control board cover using the 3 screws previously removed.
4. Before re-installing the black EPP cover check that the foam sealing strip is correctly wrapped around the wiring to the compressor. This helps seal the electronics compartment from the compressor portion. As needed use the supplied foam tape to wrap the wiring. (See Figure 26)

Figure 25

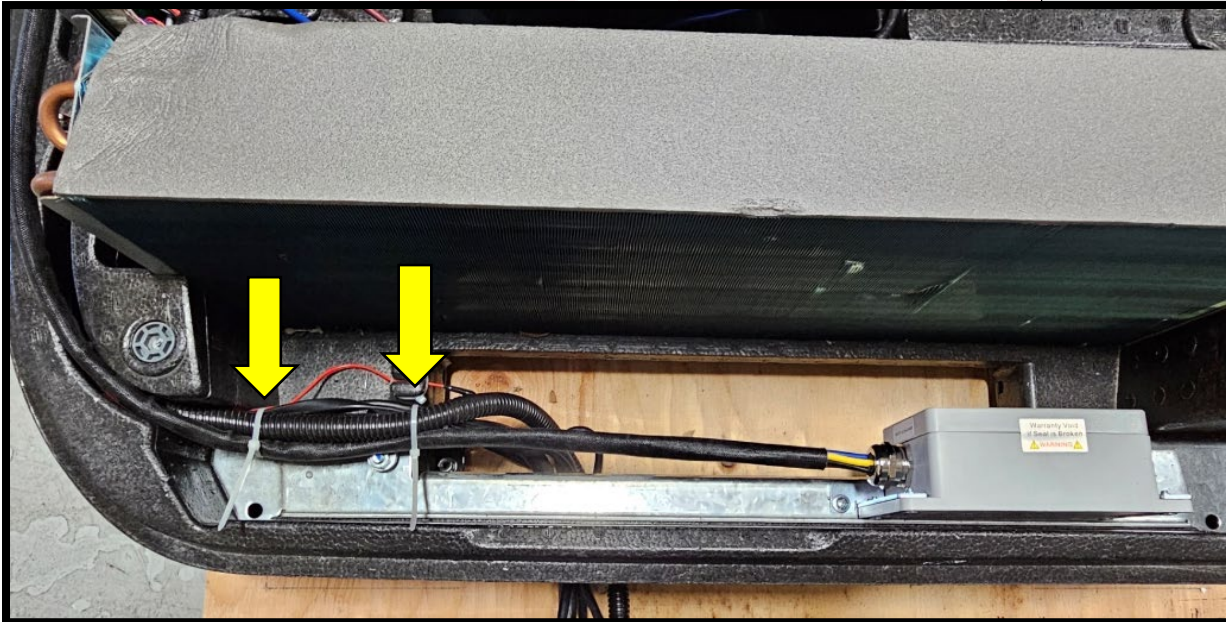
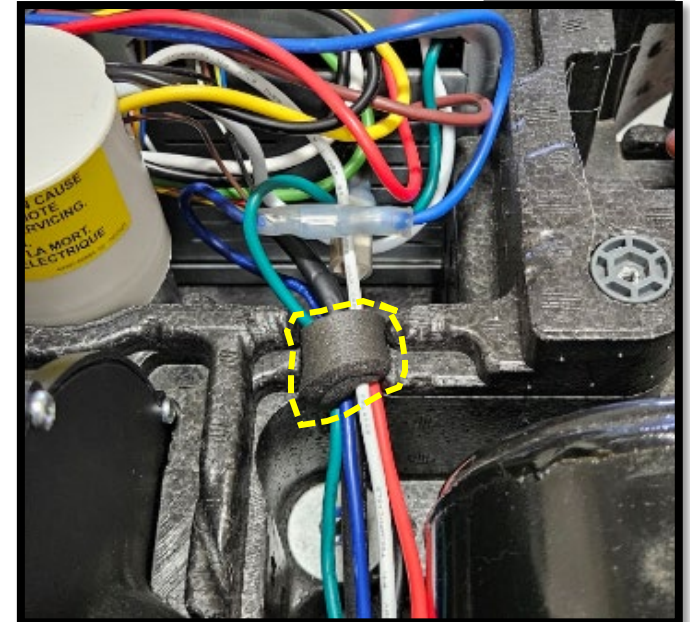


Figure 26



## Step 8: Reassemble Enclosure - Reinstallation of EPP and Plastic Covers on AC Unit

Objective: Ensure secure and proper reinstallation of the EPP half cover and plastic top cover on the AC unit.

1. Carefully replace the black EPP half cover, making sure it is completely seated into AC unit base. Secure with the 2 to 4 screws (depending on AC unit) and washers previously removed. Be careful to only tighten the screws to the point where the EPP cover starts to compress around the washers. (See Figure 27)
2. Replace the plastic AC unit top cover and install the cover screws. Using a #25 or #30 Torque bit (depending on the screw size being removed) and screw gun screw in all 6 to 8 screws (depending on AC unit) about 80% of the way. Then using a calibrated torque wrench set to 1.2 ft lb / 1.6 nm, hand tighten each of the screws until the torque wrench clicks, or until the head of the screw makes complete contact with the plastic cover. (See Figure 28)



Figure 27



Figure 28

## Step 9: Testing - Activation and Testing of AC Unit with Solar Power

Objective: Verify functionality of the AC unit using 12V battery power and ensure proper operation of all controls and settings.

1. Reconnect/uncover solar panels and turn 12V batteries back on by holding the power button until the blue power light turns ON.
2. Note: There are battery and inverter disconnect switches located in the first compartment on the passenger side. There is also a coach battery switch in the entrance door stepwell. All switches will need to be ON for the following test.
3. Note: This AC unit is controlled by 12V DC power, but 110V AC power is required to run.
4. Run the AC unit off battery power to confirm it starts and outputs conditioned air through the roof vents
  - a. Ensure the Inverter is turned ON through the energy management page on the coach control panel. (See Figure 29)
  - b. Turn on the AC through the climate control page on the coach control panel and set to the lowest temperature setting. Cycle through the fan speeds to ensure that conditioned air comes out of the roof vents at each speed. Fan speed can be changed by tapping on the highlighted box in the Thermostat tile. (See Figure 30 – Yellow Arrow)
  - c. If the AC unit will not start, confirm 110V power is present and the fan speed is set correctly. If they are, go back and confirm the electrical connections.
5. If the AC preforms as intended, then the rework is complete.

Figure 29

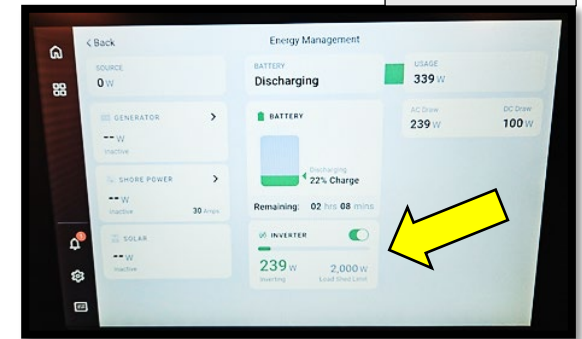
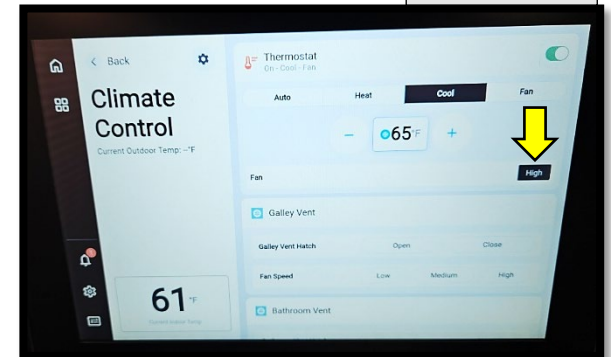


Figure 30



**Note: Be sure to retain the Existing ICM SoftStart and return it to Winnebago. Failure to follow this instruction will result in claim NOT being paid.**

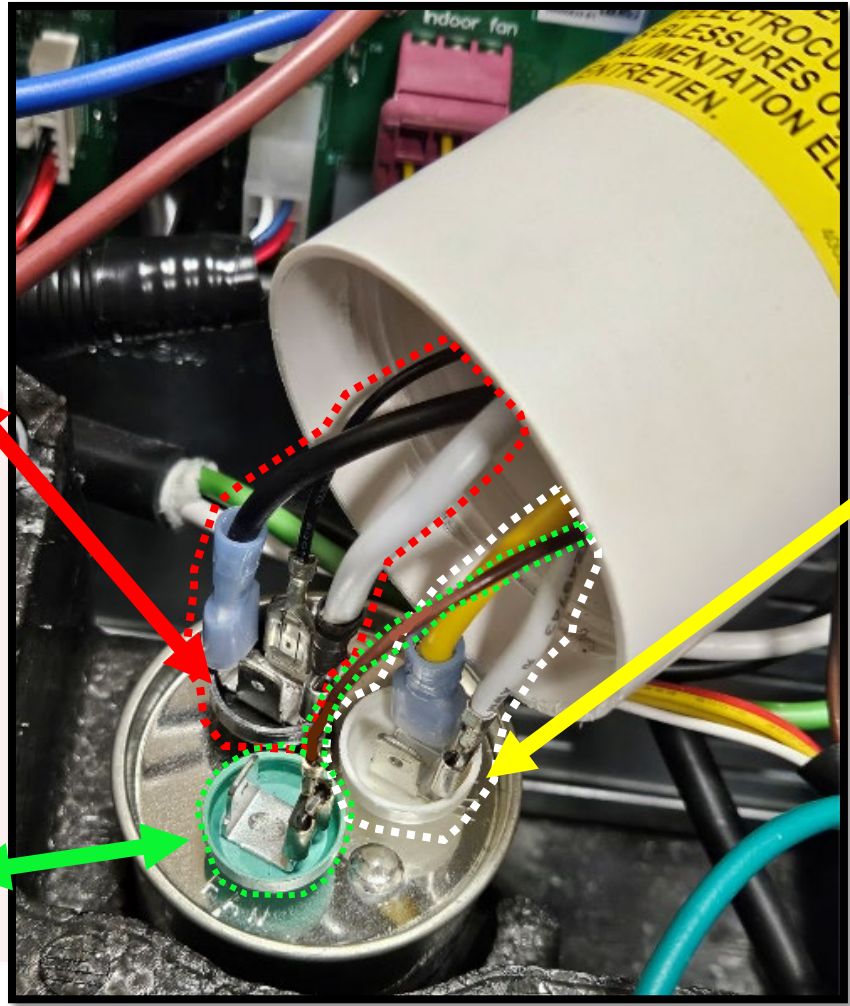
# Reference Connections With Rework Complete

**Black** Capacitor Cap Connections:

- White AC Wire with Black Shrink
- Black AC Wire
- Black SoftStart Wire

**Green** Capacitor Cap Connections:

- Brown AC Wire



**White** Capacitor Cap Connections:

- White AC Wire
- Yellow SoftStart Wire