

DCF4 - FRIDGE RELAY MODULE ASSEMBLY INSTALLATION INSTRUCTIONS

The following service technician instructions are for the installation of the **Fridge Relay Module Assembly** to comply with National Traffic and Motor Vehicle Safety Act, Recall Number: 22V585 (for Plateau TS RV only).

Kit Parts		
Part Number	Description	Picture
BMODZR700	Fridge Relay Module Assembly	
TEMP021000	Label	
FUS131232	40 Amp ZCASE® Fuse	
HDW56Q0M2	¼" – 20 Self-locking Hex Nut	
HDW55YIE8	M10x1.5mm Nut	
SCR021812	Screw, 3/8" Phillips Pan Head SS, #8 Tapping, Type A	

Other Tools Needed

- 1/2" Wrench or Socket
- 7/16" Wrench & Socket
- 11/16" Wrench or 17mm Wrench
- #2 Robertson Screwdriver
- #2 Phillips Screwdriver

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Step 1 – Remove Sofa Backrest

Remove the Sofa backrest by removing the four ½” nuts from under the backrest flap.

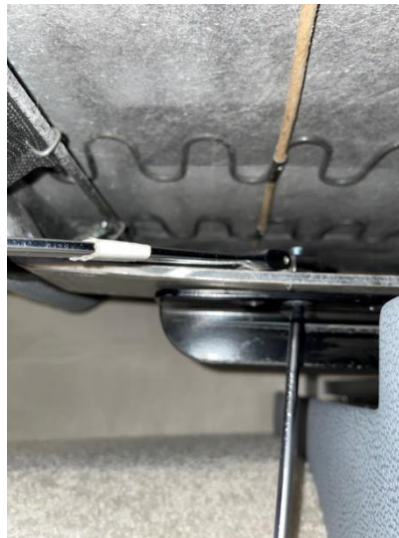


Step 2 – Remove Seat Cushion

Remove the Sofa seat cushion by removing the ½” nuts from under rear of the sofa cushion. Then slide the power sofa forward with the touch screen controls and remove the front sofa cushion bolts using a #2 Robertson screwdriver and a 7/16” wrench.



Rear nut on each side rail



Front bolt on each side rail

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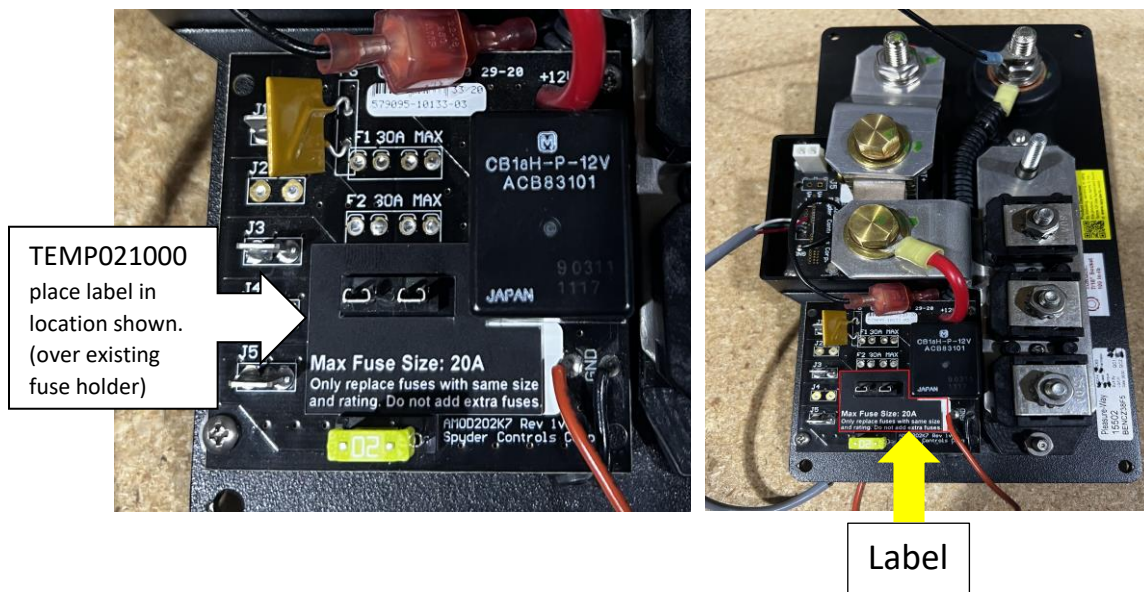
Step 3 – Remove Black Plastic Cover Panel

With the sofa backrest and seat removed. Remove the black plastic cover panel over top of the DCD. This will give you access to the DCF4.



Step 4 - Install new label on existing DCF4 panel

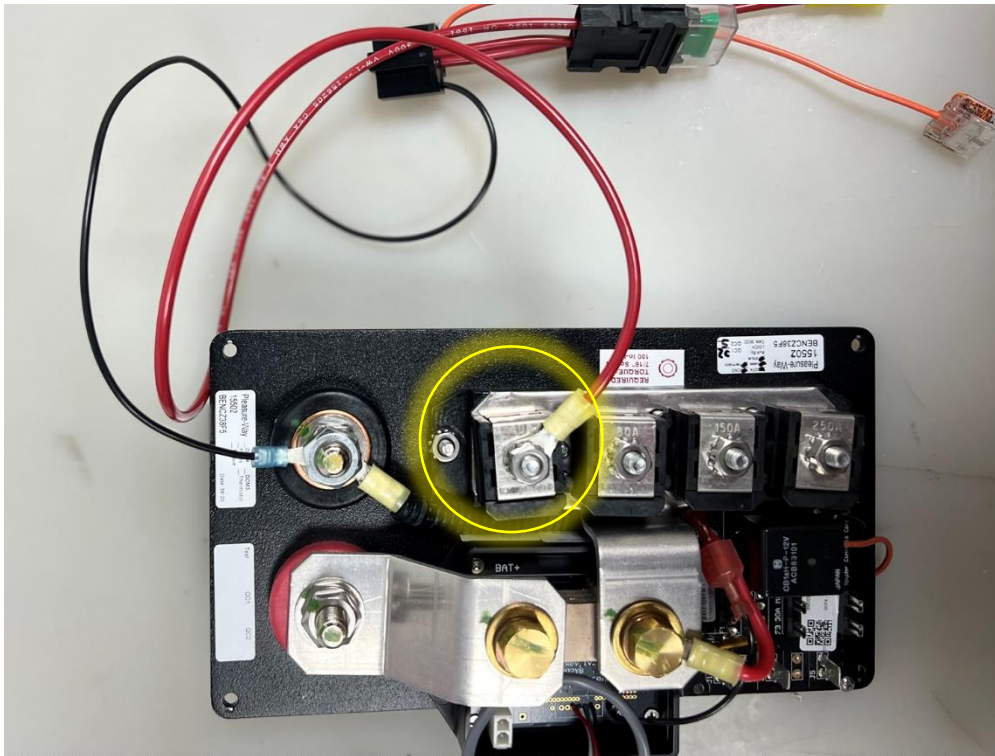
Remove adhesive backing and place the label (TEMP021000) on the DCF4 panel in location shown.



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Step 5 - Install 40 Amp ZCASE® Fuse

Install 40 Amp ZCASE® Fuse on empty bus bar slot, insert Ring terminal of red wire of relay harness onto stud, place self-locking hex nut (HDW56Q0M2) on top of stud, and torque to 100 inch-pounds (in-lb).

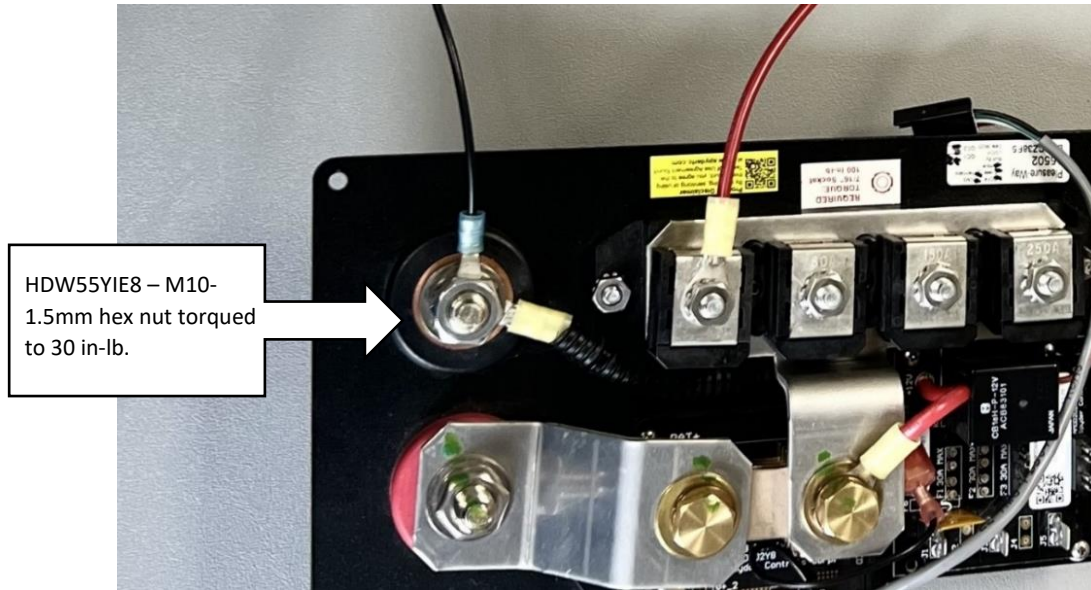


HDW56Q0M2 – ¼”-20
Self-locking hex nut
torqued to 100 in-lb.
(over new ZCASE® fuse)

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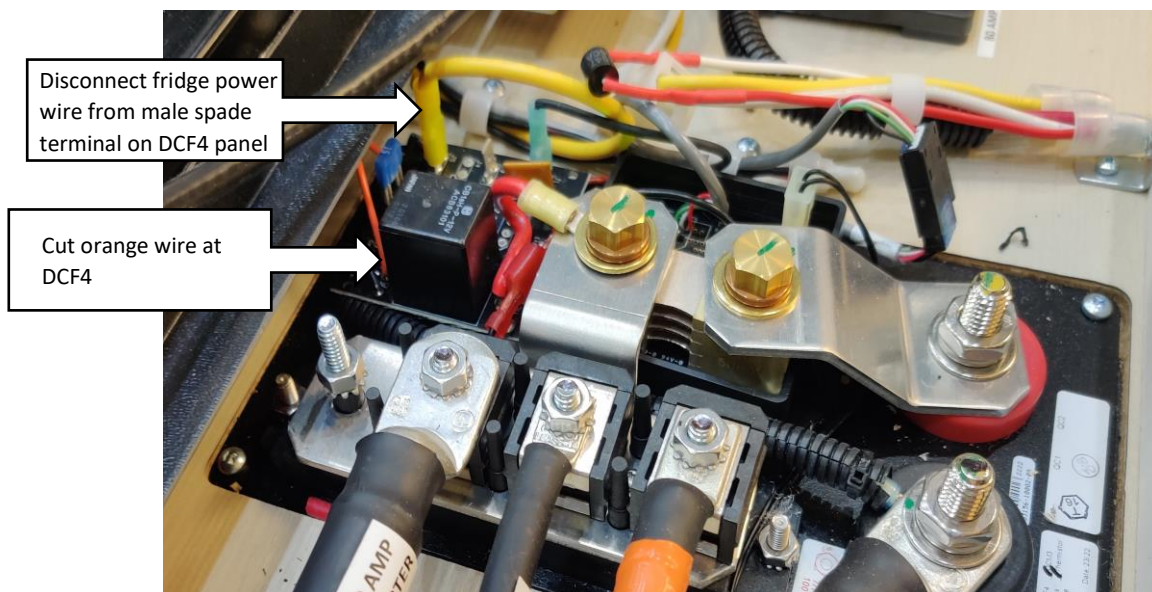
Step 6 – Install Black Ground Wire

Place ring terminal of the black wire of relay harness onto the existing DCD ground lug (**on top of existing ground wire and stud nut**). Place M10x1.5mm hex nut on stud over the new black wire ring terminal and torque nut to 30 in-lb.



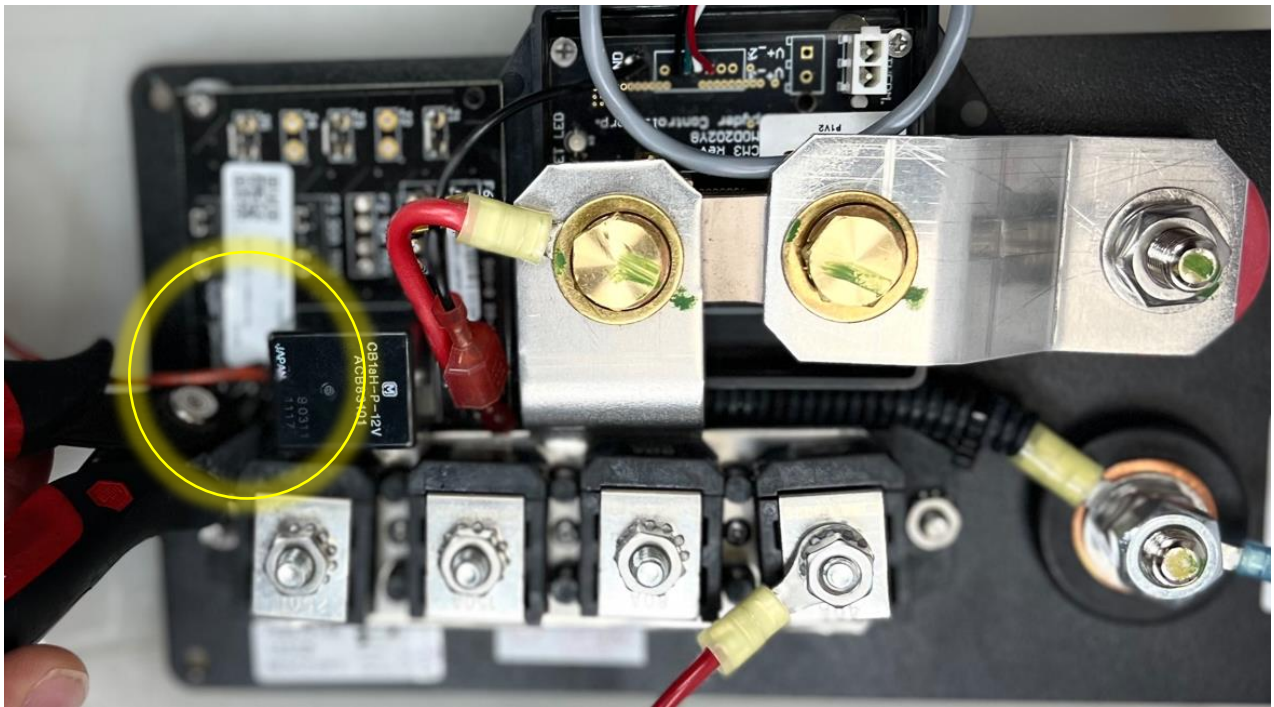
Step 7 – Disconnect Fridge Power and Rocker Switch Wires from DCF4

Disconnect the fridge power wire (yellow wire with female spade connector), from the male connector on the DCF4 board.



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Cut the orange wire at the DCF4 circuit board.



Step 8 - Connect Red Relay Harness Wire (with male spade terminal) to Fridge Power Wire

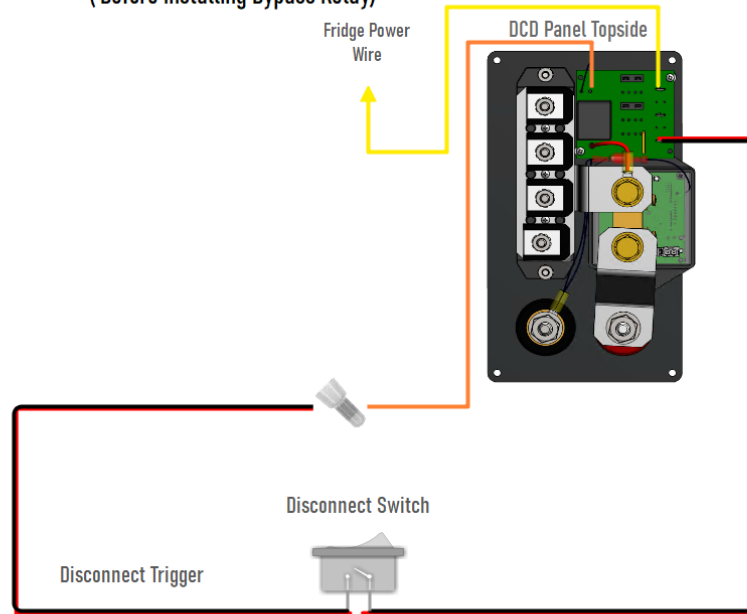
Connect the yellow Fridge Power Wire with female spade connector (removed from the DCF4 in Step 7) to the male spade on the red wire of the new relay harness. This is the new 12 Volt DC fridge power input.

Step 9 - Connect Orange Wire (cut from DCF4 in Step 7) to Wago connector of new Relay Harness

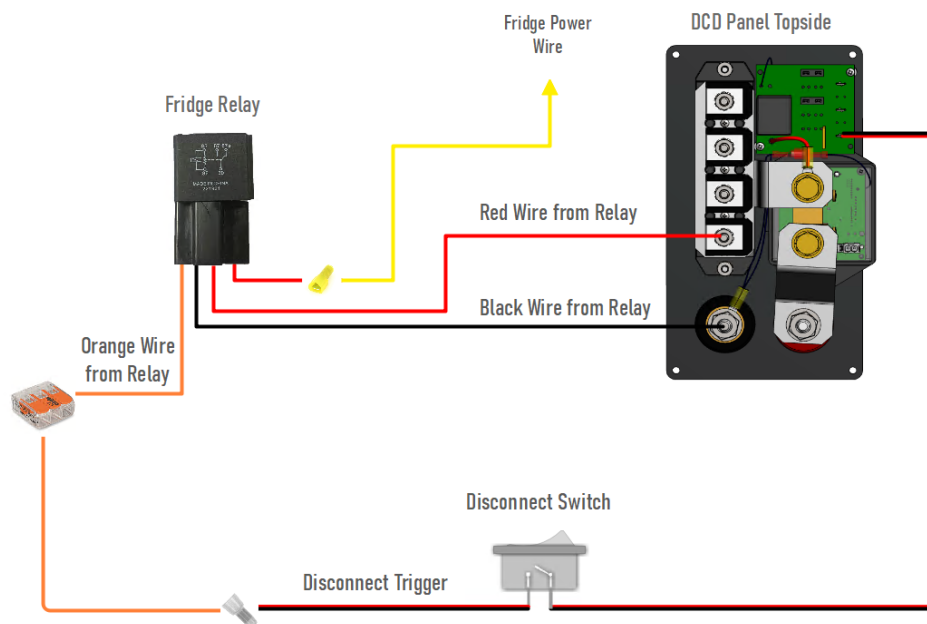
Strip 3/8" (10mm) of insulation from the end of the orange wire that was cut from the DCF4 in Step 7 and connect it into the WAGO connector (preinstalled on the orange wire of the new relay harness).

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Fridge Relay Wiring Diagram
(Before Installing Bypass Relay)



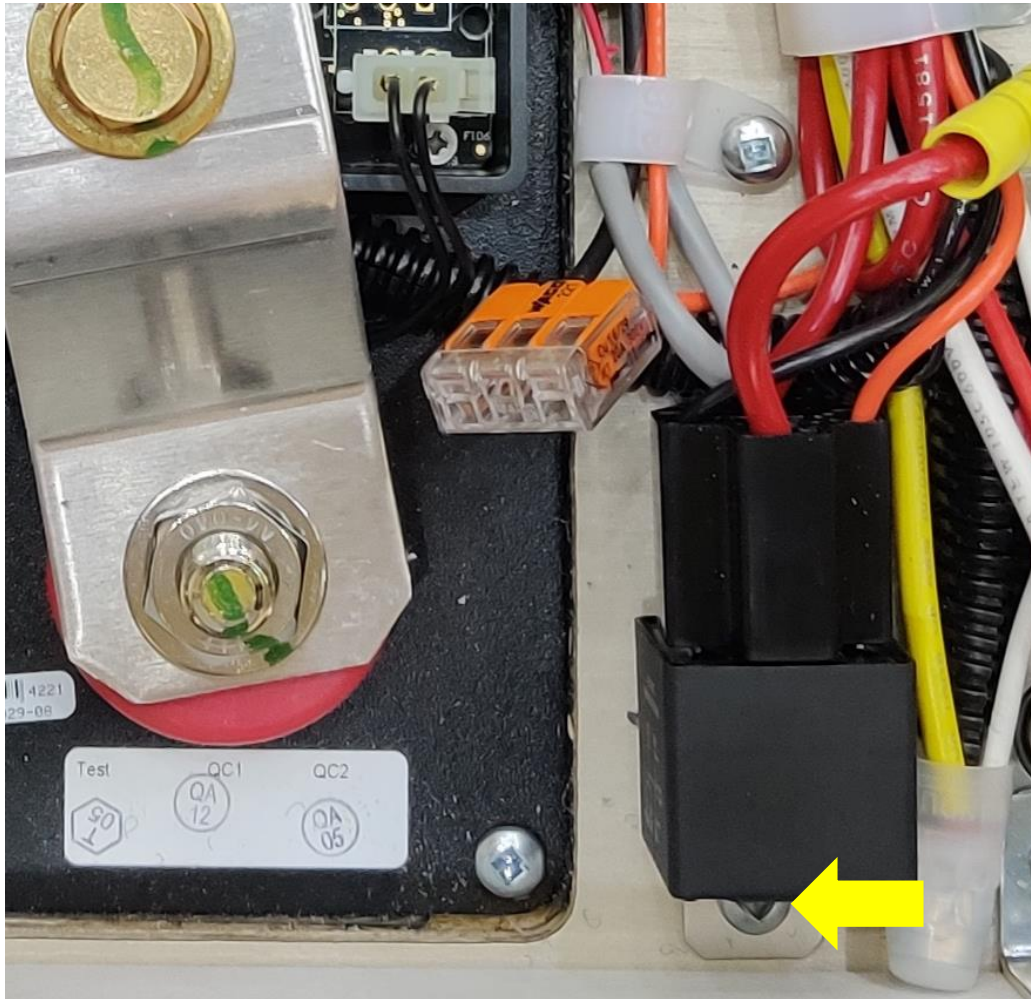
Fridge Relay Wiring Diagram
(After Installing Bypass Relay)



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Step 10. Secure the Relay into Plywood box

Secure Relay to Plywood box with the included screw (SCR021812).



This concludes the Fridge Relay Module Installation on DCF4 Control Module

Service Centers, please submit service order or invoice for payment online at: www.PWDCF4recall.com

Note that *Recall Verification* must be completed online. The service center labor reimbursement by VIN will complete this process.

For any other questions or technical assistance, please call 1-877-977-2752.