

CONVERTING RM1350 TO RM1350M

This instruction describes how to convert RM1350 (automatic door lock) to RM1350M (manual door lock). The information is valid for:

- All RM1350 with insert door panels.
- RM1350 with steel doors—only for serial numbers starting with 72400001.

Side view of steel doors

Refrigerators with serial numbers from 72400001 are possible to convert.



Refrigerators with serial numbers up to 7239999 are not possible to convert.



To convert the refrigerator you need to replace the automatic door lock (1), the 4 handles (2) and the wiring diagram (3).



CONTENTS OF CONVERSION KIT

KIT NO 3851437-01 (RM1350 WITH STEEL DOORS)

ARTICLE NAME	PCS
Manual door lock	1
Switch	2
Airing position device	1
Screw	4
Handle	2
Handle	2
Plug	4
Wiring harness	2
Wiring harness	1
Wiring diagram	1

KIT NO 3851437-02 (RM1350 WITH INSERT DOOR PANELS)

ARTICLE NAME	PCS
Manual door lock	1
Switch	2
Airing position device	1
Handle	2
Handle	2
Wiring harness	2
Wiring harness	1
Wiring diagram	1

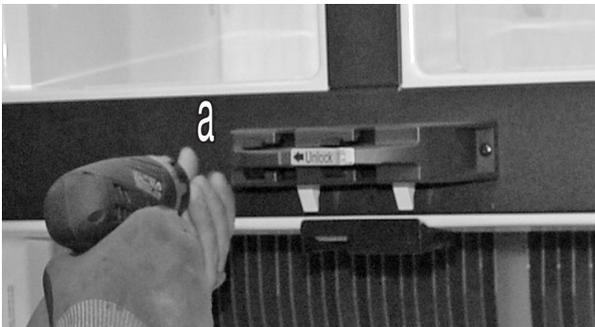
TOOLS AND EQUIPMENT REQUIRED

- Phillips screwdriver
- A pair of cutting pliers
- A pair of wire strippers
- Insulating tape

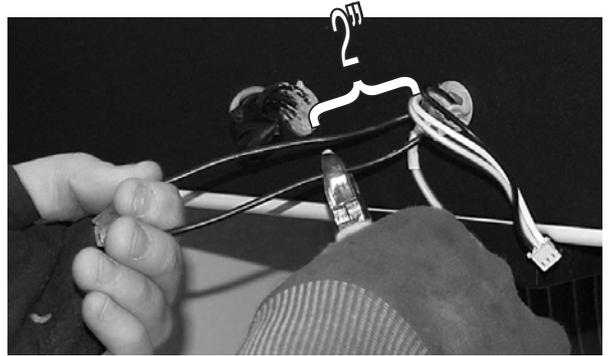
INSTALLATION PROCEDURE

To convert RM1350 to RM1350M, follow these steps:

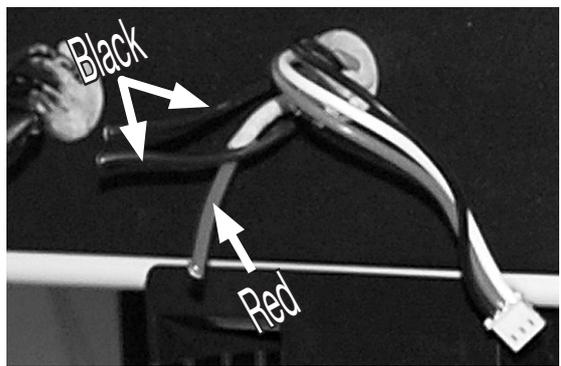
1. Remove enough packaging to expose the refrigerator. It must be possible to open the doors and to access the back of the refrigerator.
2. Open all 4 refrigerator doors.
3. Remove the automatic door lock by unscrewing the two screws (a) (save for later use) and disconnect the wires (b). Put the door lock aside.



4. Use a pair of cutting pliers and cut three wires: two black and one red. Leave approx. 2" of the wires.



When done, it should look like this:



5. Use a pair of wire strippers to strip 1/2 inch of the insulation away from the wires.



6. Twist wires together clockwise.

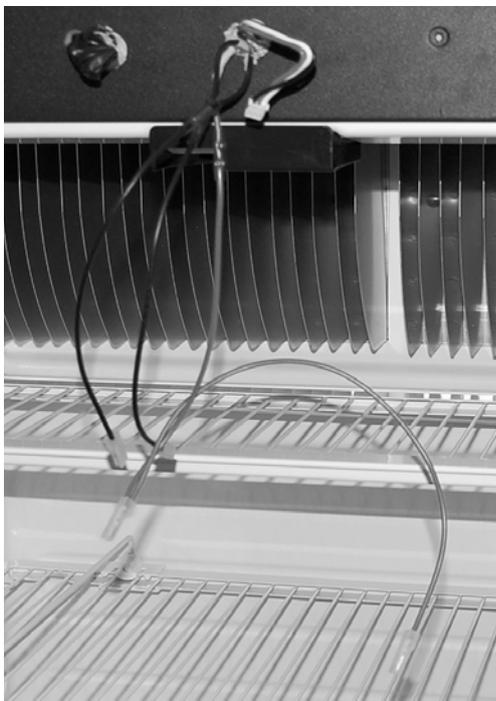


Before mounting the manual door lock the wires must be extended as described in steps 4-8.

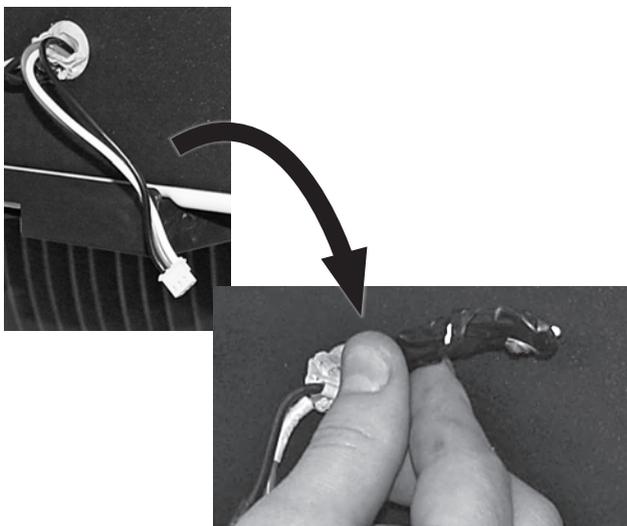
7. Locate the provided wire harnesses and then, extend the wires one by one.



When done, it should look like this:



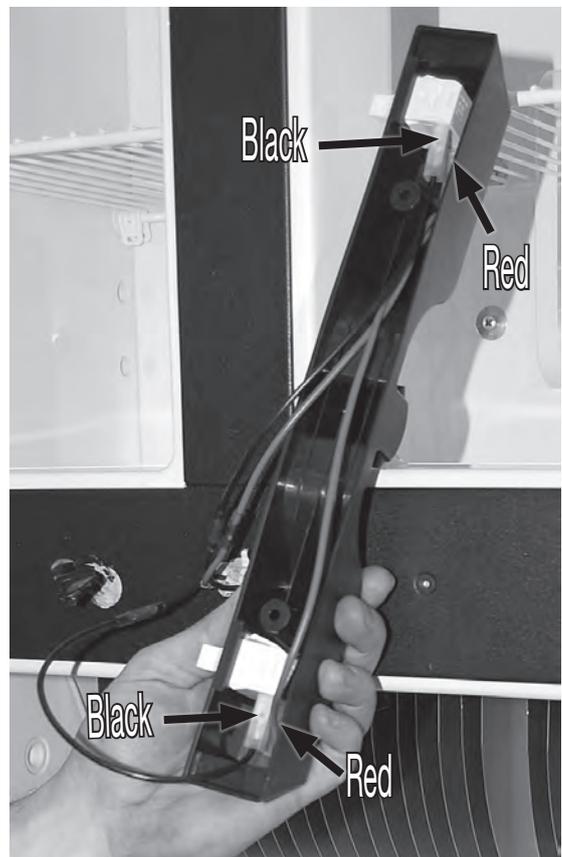
8. Fold the wire harness and wrap insulation tape around it.



9. Locate the provided manual door lock. Mount the two switches.



10. Connect the wires.



11. Tuck in the wires and mount the door lock. Secure with the two screws removed earlier.



The installation of the manual door lock is complete. To check that it is installed correctly, perform the following test:

1. Open both refrigerator doors.
2. Connect to 12V DC.
3. The interior light should come on.
4. Locate the two switches on the door lock. When both switches are pressed simultaneously, the light should go off. But if *one* switch at a time is pressed, the interior light should *not* go off.
5. Reconnect if necessary and repeat the test to make sure the installation is correct.

The next step in the installation procedure is to replace the handles.

12. To replace the handles for RM1350 equipped with **steel doors**:

- Unscrew the screws and remove the 4 handles. Put them aside. (Save the screws for installation of the new handles.)



- Locate the 4 provided handles, the 4 screws and the 4 plugs.
- Mount the new handles. Push down the pin (a) and slide on the handle (b). Make sure it fits nicely.
- Insert the plug (c).



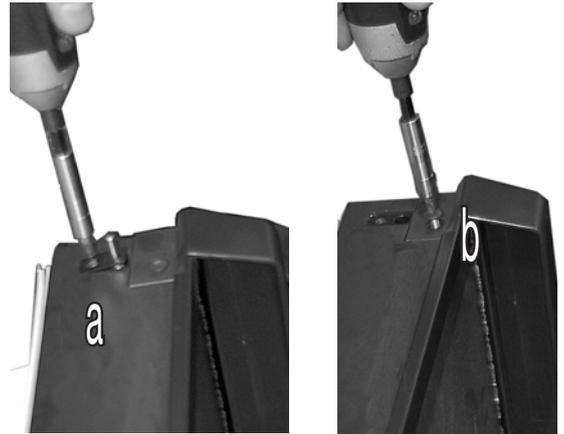
- Secure each handle with 3 screws (2 screws removed earlier and 1 extra provided in the kit).



 The installation of the handles is complete. Open and close the doors a couple of times to make sure everything is installed correctly.

To replace the handles for RM1350 equipped with **insert door panels**:

- For each and one of the 4 handles: unscrew the innermost screw (a) and remove the screw, washer, pin and spring. Discard these. Remove the outermost screw (b) and save for later use. Remove the 4 handles and put them aside.



- Locate the 4 provided handles and the 4 screws removed earlier.

NOTE! Some handles may have the sprues left from pouring gates in the mold. If this is the case, cut off the two sprues before mounting the handles.



- Slide on the new handles (a) and secure each handle with one screw (b).

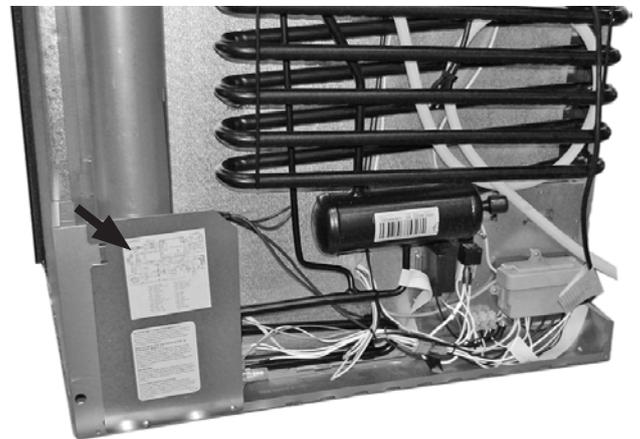


The installation of the handles is complete. Open and close the doors a couple of times to make sure everything is installed correctly.

13. Place the airing position device in the uppermost refrigerator door shelf and fasten with some tape.



14. Finally, on the back of the refrigerator, stick the new wiring diagram over the old one.



15. Repackage the refrigerator.

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!



DARREN KOEPP - OWNER, MY RV WORKS, INC.

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