

SERVICE ADVISORY # 14-209

Coleman Refrigerator Vent

It has been determined some Coleman models were built without a roof vent for the refrigerator. A roof vent must be added for proper operation of the refrigerator. This service advisory explains how to add the vent.

Models Included: 2014 - 2015 Colman 247RKU

Serial Number Range: 2014 - EJ930299 – EJ930303, EK176582

2015 - FJ930030 – FJ930033, FJ930360 – FJ930369

Parts Required: (1) - KRV #299299 - Refrigerator - Roof Vent - Cap - Black - Norcold
(1) – KRV #110028 - Refrigerator - Roof Cap Base – Norcold
(1) – KRV # 404783 - Metal - 030 - 9" x 32"
(2) – KRV # 238454 - Sealant - Self Leveling - Tube - Alpha
(1) – KRV # 408442 - Butyl - Tape - 1/8" x 3/4" x 30' - White
(4)– KRV # 401394 - Screw - #10 x 3" - Flat Quad – Zinc
(32) – KRV # 109437 - Screw - #8 - 1" - Pan - Quad – Zinc
Pick up locally – 5 x 22 paneling (for template)

Tools Required: - Screw Gun with Square bit - Tape Measure - Saws All
-Caulk Gun -Utility Knife - Pliers

REPAIR INSTRUCTIONS

ONE: Install Roof Vent

Step 1 Locate and remove the refrigerator vent cover on the rear wall of the unit. See figure 1.



Fig. 1

- Step 2** Unplug the 110 Volt Refrigerator power cord from the outlet. Disconnect the 12 volt connections using pliers to remove the terminals from the control board.
- Step 3** Cut the sealant between the refrigerator pan and the refrigerator shelf. Use caution as not to cut the gas hose. Pull the gas hose up through the refrigerator shelf to allow the refrigerator to be pulled partially out of the cabinet. Remove the screw holding the refrigerator pan to the shelf. See figure 2 & 3



Fig. 2

MOUNTING
SCREWS

Fig. 3

- Step 4** Remove the screw cover plugs from the top and bottom trim of the refrigerator. Remove the screws securing the top and bottom refrigerator trim. See figure 4 & 5.



Fig. 4



Fig. 5

Step 5

Remove the top and bottom screws securing the refrigerator to the cabinet. See Figure 6 & 7.



Fig. 6



Fig. 7

Step 6

Pull the refrigerator 8"-10" from the cabinet to allow access to the back of the refrigerator cabinet.



Fig. 8

Step 7

On the rear door side corner of the roof, measure 3 5/8" from the sidewall edge of the rubber roof and mark the roof. Measure 3" from the rear wall trim and mark the roof. Align the supplied 5" x 22" template with the marks on the rubber roof; verify the template is parallel with the rear wall trim. See figure 9 & 10.



Fig. 9



Fig. 10

Step 8

Use a pen or marker to trace the perimeter of the template to mark the location on the rubber roof. See picture 11.

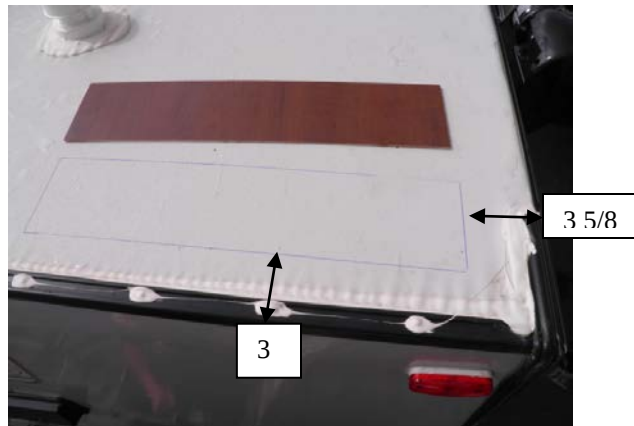


Fig. 11

Step 9

Locate and Drill (4) $\frac{3}{4}$ " holes through the roof at each corner of the rectangle marked on the roof. See figure 12 & 13.



Fig. 12



Fig. 13

Step 10

Use a saw, with a blade which will cut through the roof assembly, to cut the roof in the mark area. Remove the cutout and clean the debris from the area.

Step 11

Confirm the refrigerator roof vent base has butyl sealant around the perimeter screw holes. Center the vent base over the cut out and screw to the base to the roof. See figure 14 & 15.



Fig. 14



Fig. 15

- Step 12** Using Alpha roof self leveling sealant, seal the screws and edges of the vent base. See figure 16.



Fig. 16

- Step 13** Place the roof vent cover onto the base and secure with the supplied 3" screws. Seal the screws. See figure 17 & 18.



Fig. 17



Fig. 18

- Step 14** Place the supplied air deflector 3" to 5" in front of the refrigerator roof vent and secure to the roof. Seal the screws and the edges of the air deflector. See figure 19 & 20.

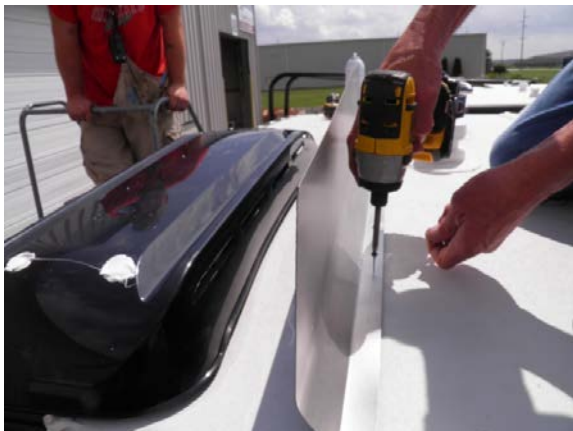


Fig. 19



Fig. 20

Step 15 Confirm the side insulation is secure to the sides of the refrigerator cabinet and re-install the refrigerator in into the cabinet. Secure the refrigerator with the top and bottom mounting screws. Add the trim and then the screw cover buttons to the refrigerator. Screw the refrigerator base to the cabinet shelf in the vent cavity. Seal the edge of the refrigerator base and the gas line in the vent compartment.

Step 16 Replace the refrigerator side vent cover.

Step 17 Perform Drop Pressure Test on the propane system.

TWO: WARRANTY REIMBURSEMENT

Submit the claim on Key Express using **Flat Rate Code # 7220942K** with **Service Advisory # 14-209** noted in the customer complaint section of the form. The amount of time authorized for this repair is 2.0 hours.

Please call Keystone Customer Service at **(855) 895-4422** if you have any questions.