

# Keystone RV Company

4/16/2018

## SAFETY ADVISORY # 18-315

### Norcold N306 Gas Valve

Keystone RV Company is conducting a voluntary RECALL notification campaign in accordance with the National Traffic and Motor Vehicle Safety Act. It has been decided that the vehicles in the recall population have a Norcold N306 refrigerator (mini refrigerator) with a gas valve test port screw that may be loose or missing. As a result, when using the Norcold mini refrigerator on "Gas" mode if the test port screw is loose or missing propane gas can leak from the gas valve. If propane gas leaks during use it can be ignited, leading to an increased risk of personal injury and/or property damage.

Year	Make	Brand	Model	Serial Number Range
2018	Keystone	Hideout	175LHS, 177LHS, 178LHS, 185LHS	JW248996 - JW250803
2018	Keystone	Passport	173RBRV	JW414140 - JW414227
2018	Keystone	Summerland	1750RD, 1800BH, 1700FQ, 1850FL	JW153558 - JW155322
2018	Dutchmen	Aspen Trail	1600RB, 1700BH, 1800RB, 1750RD	JH922060 - JH923527
2018	Dutchmen	Coleman	18FQ, 17RD, 17FQ, 16FB	JH935273 - JH939219
2018	Crossroads	Zinger	18SS, 18RB, 18BH, 18RD	JS372065 - JS372364

#### Parts Required (Only Required If Refrigerator Does Not Pass Inspection):

1 - KRV # 478277 - Gas Valve - N306RM8 - 635690 – Norcold

#### This Safety Advisory requires Photographs

**Note – Check serial number on Key Express to verify the campaign is open. Some vehicles were repaired before they left Keystone.**

When performing warranty or recall service, please make certain that appropriate Personal Protective Equipment (PPE) is used.

#### REPAIR INSTRUCTIONS FROM NORCOLD FOLLOW

**Gas Valve  
Inspection Instructions**

**1 DISASSEMBLE**

1. Close valve at vehicle propane gas tank(s).
2. Disconnect DC wiring from vehicle battery.
3. Open lower intake vent.
4. Mark DC wires so you can reinstall in correct location.
5. Remove DC wires from refrigerator.

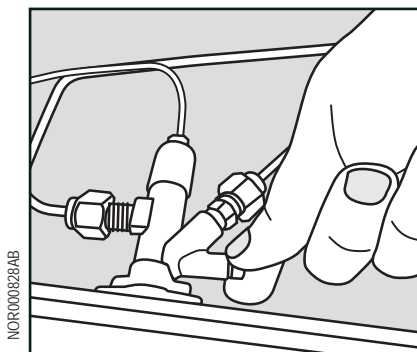
**⚠ WARNING** To avoid possible propane gas leaks, always use two wrenches to loosen and tighten gas supply line at manual shut off valve of refrigerator.

6. Disconnect AC power cord from receptacle.
7. Remove gas supply line of the RV 3/8 inch male flare fitting of refrigerator.
8. Remove screws which fasten lower rear of refrigerator to the floor.
9. Remove door from refrigerator.
10. Remove screws which fasten refrigerator to cabinet face.
11. Pull refrigerator out of opening far enough to access gas valve on top of refrigerator.

**2 INSPECT**

1. Make sure the pressure tap nut is present.

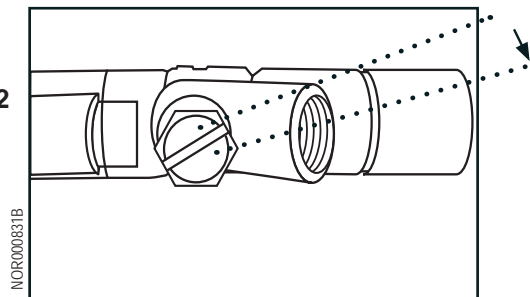
Fig. 2-1



- If pressure tap nut is not present, replace pressure tap nut (N3 Recall - Pressure Tap Nut).
2. Make sure pressure tap nut is not loose. Refer to Fig. 2-1.
    - If nut is loose, use your fingers to tighten it.
    - Using a screwdriver, tighten the nut to snug: then turn approximately 1/8 turn. Refer to Fig 2-2.

**⚠ WARNING** Nut MUST be leak tested (below).

Fig. 2-2



**3 LEAK TEST**

**⚠ WARNING** To avoid possible propane gas leaks, always use two wrenches to loosen and tighten gas supply line at manual shut off valve of refrigerator.

1. Attach gas supply line of the RV to 3/8 inch male flare fitting of refrigerator.

**NOTICE**

If the gas supply line of the RV is not long enough to allow access to gas valve with refrigerator pulled forward, use an auxiliary regulated gas supply to continue.

2. To complete the inspection, open valve at propane gas tank(s) of vehicle in preparation to test for gas leaks.

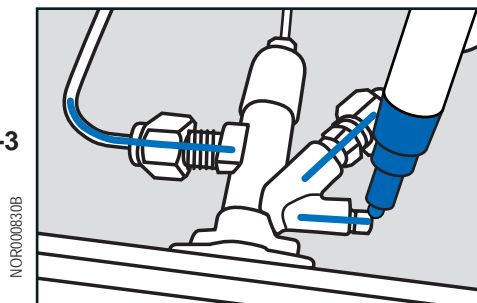
**⚠ WARNING** Do not use any liquid that contains ammonia or chlorine.

Do not allow leak detecting solution to touch electrical components.

Many liquids are electrically conductive and can cause a shock hazard, electrical shorts, and in some cases fire.

3. With gas lines connected, and refrigerator operating in LP mode, examine gas connections and confirm connections have no leaks.
4. After verifying nut was tightened with leak test or if pressure tap did not leak, put colored line through both pressure tap nut and valve body with a paint marker. Refer to Fig. 2-3.

Fig. 2-3



## 4 REASSEMBLE

1. If you used auxiliary gas supply in LEAK TEST Step 1, remove the gas supply.
2. Push refrigerator completely into enclosure.
3. Put screws through mounting flanges of refrigerator and into refrigerator cabinet/wall.
4. Attach door to refrigerator.
5. Put screws through lower rear of refrigerator and into floor.
6. Attach gas supply line of the RV to 3/8 inch male flare fitting of refrigerator.



**WARNING** To avoid possible propane gas leaks, always use two wrenches to loosen and tighten gas supply line at manual shut off valve of refrigerator.



Do not allow leak detecting solution to touch electrical components. Many liquids are electrically conductive and can cause a shock hazard, electrical shorts, and in some cases fire.

7. Test gas supply line of the RV for gas leaks after reinserting in cabinetry.
8. Connect DC wiring to refrigerator.
9. Connect DC wiring to battery.
10. Connect AC power cord to receptacle.
11. Close lower intake vent.
12. Perform a final Drop Pressure Test to complete the inspection and repair.



A final Drop Pressure Test is necessary to ensure air quality of the entire coach.

**WARRANTY REIMBURSEMENT**

**INSPECTION ONLY**

Submit a claim with pictures of the refrigerator model and serial number on Key Express using **Flat Rate Code # 7131542G**

In the Complaint section note: Safety Advisory # 18-315

In the Cause section note: Tap Nut loose or Tap Nut is not loose

In the Correction section note: Tightened nut or Nut passed inspection

The amount of time authorized for this repair is **.5 hour**.

**REPLACEMENT OF GAS VALVE IF PRESSURE TAP NUT IS MISSING**

Submit the claim with pictures of the refrigerator model and serial number and pictures of the missing pressure tap nut on Key Express using **Flat Rate Code # 7131542B**

In the Complaint section note: Safety Advisory # 18-315

In the Cause section note: Pressure tap nut missing

In the Correction section note: Installed gas valve

The amount of time authorized for this repair is **1.0 hour**.

**PARTS DISPOSITION**

Return defective gas valve.

Please call Keystone RV Customer Service if you have any questions:

Keystone (855) 895-4422

Dutchmen (855) 382-4100

CrossRoads (844) 361-8455