Forest River, Inc.
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INSTALLATION OF RECALL KIT #32096

PERTAINING TO RECALL NUMBER: FR430-14-1

Tools and supplies required

- Medium size pipe wrench
- Screw gun with 3/8' bit
- Crescent wrench
- Appropriate test equipment for LPG system
- Pipe dope for LPG systems in RV's

Parts supplied in BOM kit #32093

- 1 each ¾" black pipe 66" long
- 6 each ¾" coated pipe clamps
- 6 each ¼" x 1" self-tapping screws w/ 3/8" hex head

Step 1. Shut off LPG tanks and then disconnect LPG tanks at bulkhead fitting at very front of black pipe system underneath coach

Step 2. Remove pipe clamps holding piping system in place underneath vehicle.

Step 3. Drop LPG piping system just enough to allow removal of black pipe as indicated in drawing.

Step 4. Using pipe wrench remove long black pipe running between shackle hangers on roadside of vehicle. Refer to drawing.

Step 5. Using pipe wrench remove black pipe going across unit (approximately 68 1/2" lg.) Refer to drawing.

Step 6. Install with pipe wrench newly supplied black pipe (66" lg.) as the new cross piece, being sure to use pipe dope on threaded fittings. Refer to drawing.

Step 7. Move black pipe assembly on roadside inward, out from between shackle hangers. See drawing for new approved location.

Step 8. Reinstall black pipe running from front to rear on roadside using pipe wrench and pipe dope on threads. Make sure piping is no longer running between shackle hangers. Refer to drawing

Step 9. Using screw gun, self-tapping screws and coated pipe clamps install manifold to bottom of chassis. Make sure to clamp within 6" of pipe fittings and approximately every 4'.Making certain that the piping is no longer running between shackle hangers. Refer to drawing.

Step 10. Reconnect LPG tanks and follow approved methodology for checking for LPG leaks see procedure below.

Continued

Split Cylinder System Procedure

1. Connect air hose to brass "Y" fitting, and attach fitting to both L.P. tank pig tails (Attach to red, single stage regulator side on any split cylinder systems).
2. Then spray both sides of the regulators at fittings with soap and water.
3. If a leak is detected tighten the fittings.

Final Gas Test Procedure

1. Connect air hose to brass "Y" fitting, and attach fitting to both L.P. tank pig tails (Attach to red, single stage regulator side on any split cylinder systems).
2. Go inside the coach and remove one of the burners from the range. Attach the Manometer.
3. Go outside and open up valve on brass "Y" fitting to allow air to circulate throughout the system.
4. Go inside to Manometer and make sure that the initial air pressure rises to 10"-14" of water column on the gauge. If pressure is higher than 14" of water column, adjust accordingly.
5. Go back outside and shut air supply off.
6. Go inside and use one of the other two burners to bleed the air pressure down to 8" of water column (+ or – ½") (7 ½" – 8 ½").
7. Allow adequate amount of time for air pressure to "equalize" throughout the system.
8. When desired air pressure has been reached and system is equalized, begin the 3 minute test.
9. If a leak is detected, use soap and water on all possible L.P. fittings until leak has been spotted.
10. If no leak is detected, remove Manometer from range spud and replace the burner.
11. Disconnect air supply and brass "Y" fitting.

Burn-Off Inspection Check List

1. Propane supply is hooked up at pigtails and being ran through the regulator.
2. All fuel burning appliances are being fired and tested for proper operation.
3. Propane supply is shut off and appliances continue to fire until all propane is burned out of the system.
4. Appliances are checked to insure proper burning (E.G. pilot flames are not too large or too small).
5. Fire extinguishers are present on either side of the unit being tested.
6. Tester is aware of fire extinguishers adjacent to unit being tested and knows what to do in case of a fire.

After no leaks are found, procedure is complete.