

SERVICE ADVISORY # 06-067

Raptor Kitchen Slide L.P. Gas Line

Models Included: Raptor 3712TS Fifth Wheel

Serial Numbers: 856731, 32, 33, 34, 45, 47, 60, 61, 63, 64, 75, 77

Parts Required: The following parts will be supplied by Keystone RV:

3/8" x 48" copper line	3/8" x 75" copper line	4 – 3/8" flare nuts
1 – 1 x 1 x 8" steel tube	2 – 1/4 x 1-1/2" self drilling screws	
78" D-Seal	Wire Loom	
8 – 3/8 x 4" hex head lag bolts		
Obtain locally: Black silicone caulk		

Tools Required: Drill, Phillips head bit, 1" & 1/4" drill bit, 1/2" socket, 13/16" open-end wrench

Keystone RV Company is conducting a voluntary RECALL notification campaign in accordance with the National Traffic and Motor Vehicle Safety Act. The trailers listed were built with 2 copper lines that may get pinched when door side slide out is retracted. The lines could be damaged and leak propane resulting in a fire. The following instructions correct the problem.

General Information

- Stock units must be remedied before selling.

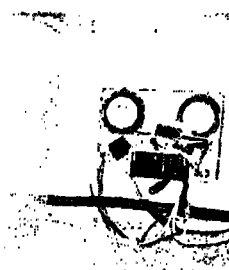
Corrective action

Step 1. Extend kitchen slide to out position.

Step 2. Shut off the propane valves on both LP bottles.

WARNING – LP GAS IS HIGHLY FLAMMABLE. FAILURE TO SHUT OFF THE PROPANE CAN RESULT IN AN EXPLOSION, FIRE AND PERSONAL INJURY.

Step 3. Remove the 3 access panels from under refrigerator and stove.



Stove area

Refrigerator

Step 4 Disconnect and remove existing copper lines running to stove and refrigerator.

Step 5 Remove the 3/8 x 4" carriage bolts that attach the horizontal support channel to the floor of the slide room (see fig. 1).

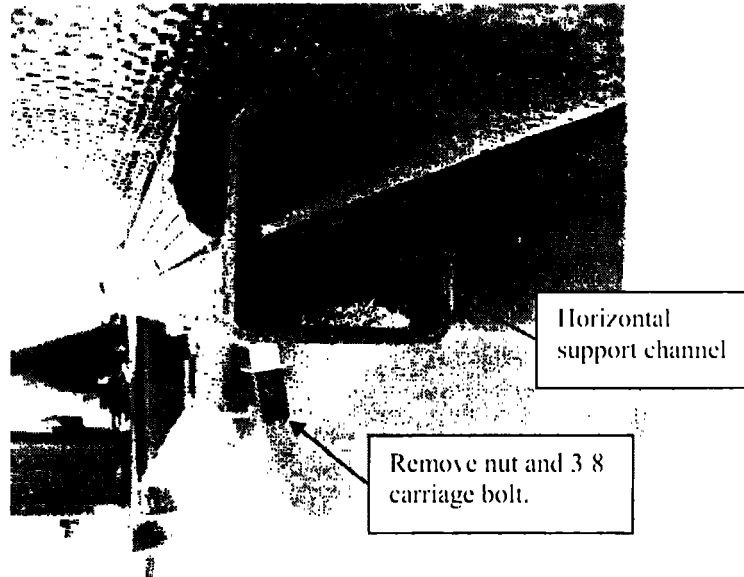
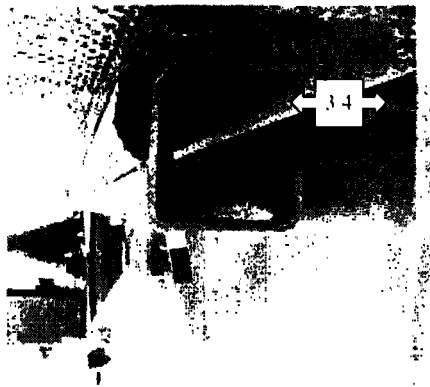
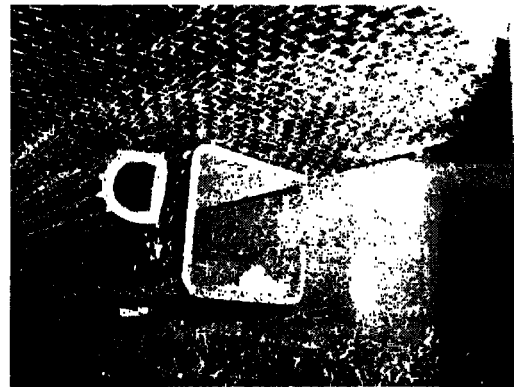


Fig. 1

Step 6 Move horizontal support channel outward approximately 3/4 to 7/8" so that leading edge of channel is flush with end of floor. This can be done by pushing room in by hand or adjusting nuts outward on the end of the hydraulic cylinder ram and moving the channel out under power (see fig 2).



Before



After

Step 7 Fasten room to support channel by running new 3/8 x 4" lag screws through channel into floor where the carriage bolts were removed. Pre-drill the holes with a 1/4" drill bit.

Step 8 Cut a section of 'D' seal out as shown below and drill two 1" holes as close to support channel as possible (see fig 3) and install new copper lines from stove and refrigerator to the connections shown below. Install the pre-made copper line so the tan plastic grommet is on the bottom of the slide room floor. Attach the grommet to the floor with a small screw or staple.

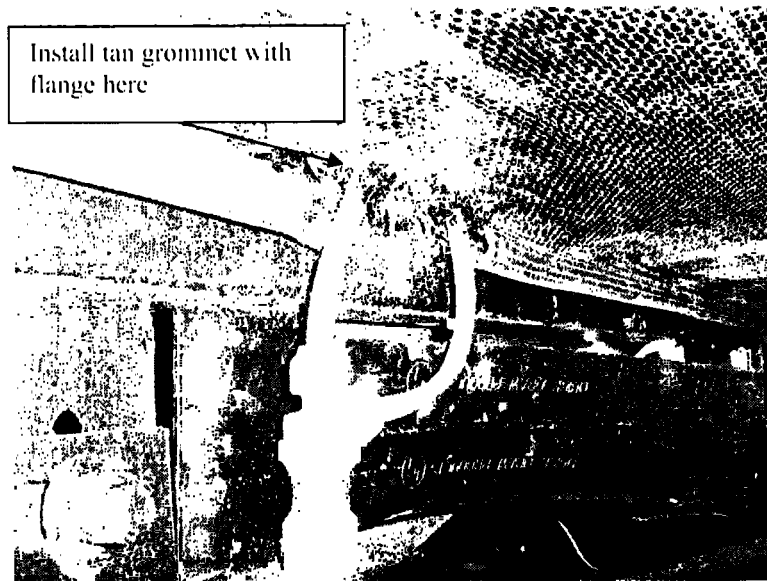


Fig. 3

Step 9 Use silicone chalk to seal previous holes and around new copper lines on bottom side of floor.

Step 10 Use two 1/4 x 1-1/2" self drilling screws to attach a 1" x 1" x 8" steel tube at bottom of support channel as a hard stop between channel and main room floor (see fig 4).

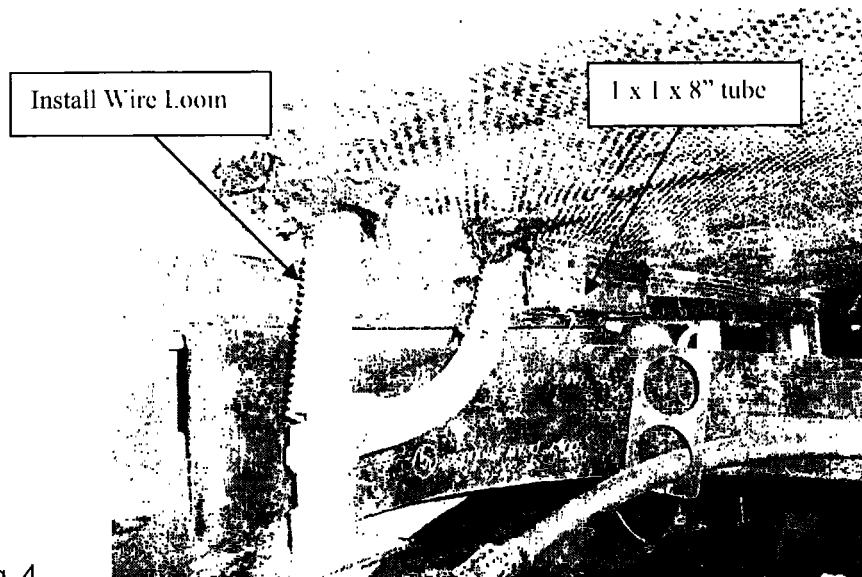


Fig. 4

Step 11 Cover copper tubing with wire loom between floor and brass fitting as shown.

Step 12 Add 'D' seal on edge of main floor as shown (fig 5)

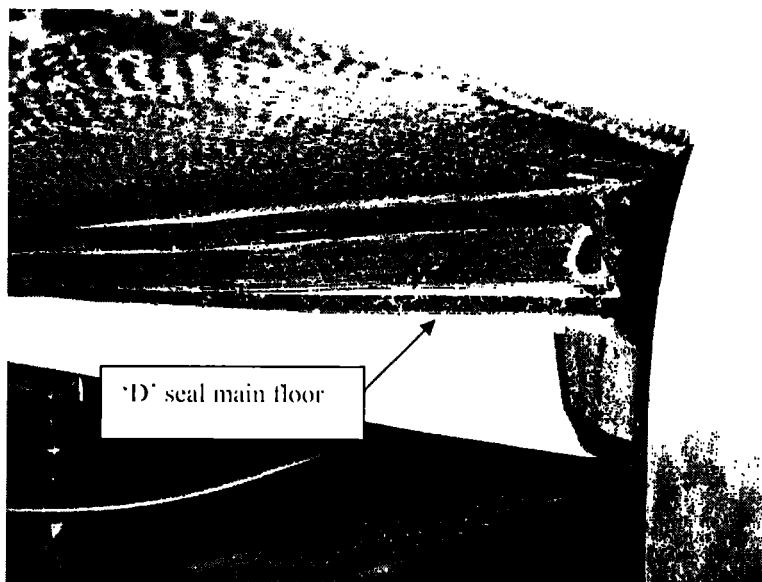


Fig. 5

Step 13 Perform a LP Drop Pressure Test.

Step 14 Turn the propane on at the LP bottles. Check the four LP connections for leaks with a commercial leak test solution.

Step 15 Reinstall the access panels removed in step 3.

Step 16 Verify the room moves to the full in and out position. Adjust the nuts on the end of the hydraulic cylinder as necessary.

Submit labor expense on a Keystone Warranty Claim Form with the **Service Advisory 06 - 067** and **Flat Rate Code # 7106742B** noted in the customer complaint section. The amount of time authorized for this repair is 4.0 hours per vehicle.

If you have any questions please call Keystone RV Customer Service at (866) 273-1452.