

# Truck Fridge w/Propex Heater Installation Instructions



## Introduction

Thank you for purchasing the Rocky Mountain Westy **Truck Fridge/Propex Kit** . We pride ourselves in the products we develop and would not bring an item to market that we did not fully believe in.

This **Truck Fridge/Propex Kit** will work in conjunction with our **Truck Fridge Install Kit** allowing you to install a Propex Heater underneath the Truck Fridge making use of the dead space below. You'll need to reference the Propex Heater installation instructions in order to complete this install.

## Before You Get Started

It is recommended that you read through these instructions fully before beginning the installation process. This step will help you understand the entire process beforehand which will make the installation go smoothly. The Vanagon depicted in this installation is a 1987 Vanagon Westfalia.

### Tools Required:

- Flat Head Screwdriver
- Phillips Head Screwdriver
- Drill
- Phillips Head Drill Bit
- Drill Bit Extension
- Hammer
- 2" Hole Saw
- Small Flat Handsaw
- Yellow Teflon Tape
- Measuring Tape
- 1"x4" Scrap Piece of Wood 6" Lg

### Parts Included:

- Vent Face Plate

These instructions are to be used in conjunction with our **Truck Fridge Install Kit** instructions and it's assumed that basic kit is already in place. You will also need to reference your Propex Heater Instructions as well for final install.

## Prepping The Cabinet

This is our start point in order to install the Propex Heater. The **Truck Fridge Install Kit** installed without the front faceplate and Truck Fridge in place. We can now prep the cabinet in order to accept the Propex Heater.



We need to remove a portion of the back fiberboard in order to make room for the Propex Heater. Use a **Measuring Tape** and a **Sharpie** to locate a vertical cut line 9" off of the left cabinet wall and roughly about 1-1/4" down from for the top edge of the fiberboard.





Use a **Small Flat Handsaw** in order to cut the portion of the fiberboard out. Be very careful not to cut into any of the water lines and/or electrical wiring that may reside behind the fiberboard.



Use a

**Drill** , **Drill Bit Extension** and a **Phillips Head Drill Bit** in order to remove the five **1/2" LG Self Tapping Screws** that hold the left **Support Bracket** in place.



Use a

**Flat Head Screwdriver** to pry out the wooden spacer that's stapled to the wall of the cabinet.





Use a

Cut out the paper template that's included with your Propex Heater installation instructions. We use one cut out of sheet metal for repeated use. Using a **Measuring Tape** locate the left edge of the Propex template about 1-5/8" off of the left cabinet wall.



The back edge of the mounting ears on the template should overhang the edge of the wooden floor by 1/4".



Drill the holes through the wooden floor and sheet metal floor of the van for the exhaust and intake ports per the Propex instructions. You'll need to enlarge the holes that are cut into the wooden floor of the cabinet only in order to accommodate hose clamps that secure the hoses to the bottom of the heater.



In order to enlarge the opening in the wooden floor, we take a scrap piece of 1x4" wood and drill a 2" diameter hole into it on your work table. Take this wooden template and center the 2" diameter hole over the hole you have already drilled into the cabinet floor. Temporary secure the scrap 1x4" piece of wood to the floor using two wood screws. Now place your **2" Hole Saw** into the hole of the scrap 1x4" and proceed to enlarge the opening to 2" in the wooden floor **ONLY** . Do this to both holes and then remove the scrap piece of 1x4" wood.



The larger diameter holes in the cabinet wooden floor will accommodate the hose clamps that are included in your Propex Heater.



Plumb the brass elbow that's included in your Propex Heater Kit to a ¼" copper tube that you'll supply. (We also manufacture an installation kit specifically designed for installing the HS2000 in a Westy. See our website for details.) Use **Yellow Teflon Tape** in order to seal the connection.



Connect the exhaust and intake lines as per the Propex instructions. Slowly feed them through the holes in the flooring. While doing this it is key to have someone under the van to help guide the lines through the floor and routed to where they need to be.





The metal exhaust line will route down through the floor and turns towards the rear of the van. It will run just alongside the stock propane tank.



Route the exhaust line to the edge of the van. Use two Propex P-Clips in order to fasten the exhaust line to the chassis of the van.



The intake line will be fed into the voided area just behind the van's side panel within the frame rail. This line needs to be routed towards the front of the van so as you feed it through the floor, have someone under the van to guide it forward. Using a **Flat Head Screwdriver** you can help route the intake line forward via the slot located in the side frame rail.



There's an access hole with with plastic cap covering it near the sink drain that goes through the van floor. Use a **Flat Head Screwdriver** in order to pop the plastic cap out of place leaving the access hole open. This is where the air intake line will route out of. Use one Propex P-Clip in order to fasten the intake line to the chassis of the van. This is the final orientation of both lines.



Use a **Drill** , **Drill Bit Extension** and a **Phillips Head Drill Bit** in order to secure the four screws that mount the Propex Heater to the cabinet floor. Place the left **Support Bracket** back against the cabinet wall. Use a **Drill** , **Drill Bit Extension** and a **Phillips Head Drill Bit** in order to secure the five **1 / 2 “ LG Self Tapping Screws** back into the cabinet wall.



Place the **Vent Face Plate** in between the two **Side Support Mounting Plates**. This fitment should be pretty snug so be careful when placing it.

Use a **Phillips Head Screwdriver** to attach four **Machine Screws** from **Hardware Package C** of your

Truck Fridge Install Kit that mount the **Vent Face Plate** to the **Side Support Mounting Plates** .



Use a **Phillips Head Screwdriver** to attach the two Propex vents to the **Vent Face Plate** .





Cut a short portion of ducting and connect one end to the vent with a clamp and the other end to the Heater outlet with a clamp. These items are included in your Propex Heater Kit. The air inlet located on the right side does not need any hose routed to the other vent. Propex recommends that inlet remain open ended.



This concludes the installation portion of our kit. Complete the Propex installation by referencing their instruction manual.



## Installation Complete

Once you've fully installed the propane and electrical lines per the Propex instructions, you can reinstall your Truck Fridge TF49.



This is one of the best spots to install a Propex Heater that we've seen so we knew a proper kit would be beneficial to the community. This **Truck Fridge/Propex Kit** takes all of the guesswork out of the installation.



Thank you for your continued support of Rocky Mountain Westy products....