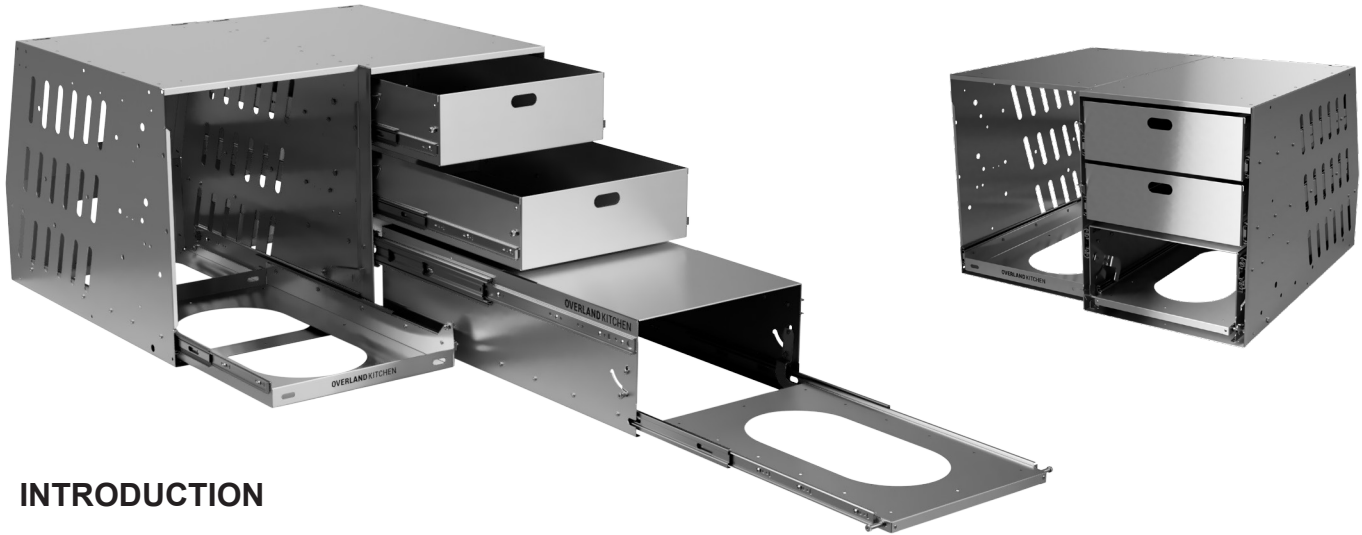




EXPEDITION KITCHEN

Installation & Usage Manual



INTRODUCTION

The Expedition Kitchen is a rugged and field maintainable overland vehicle kitchen. This guide covers the installation, operation and maintenance for the Expedition Kitchen and Expedition Kitchen LH models. Refer to <http://overlandkitchen.com> for product details.

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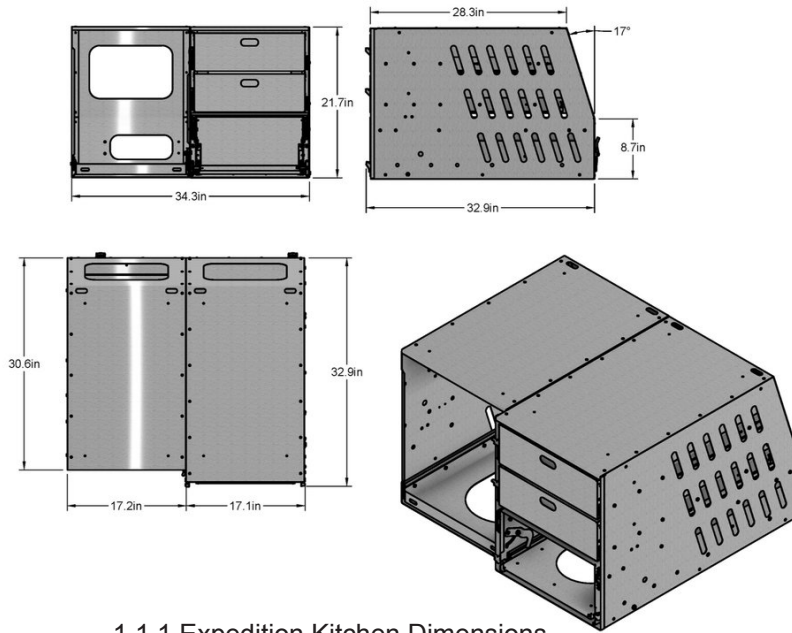


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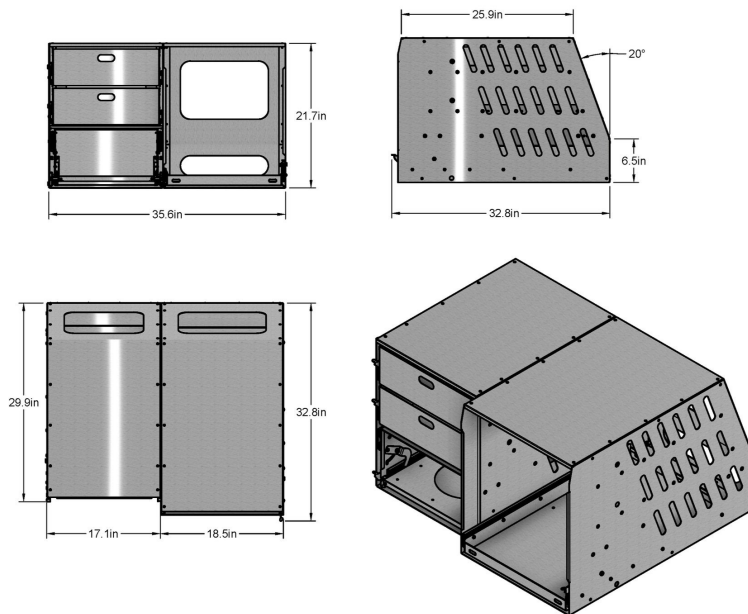
Section 1 Assembly & Installation

1.1 Verify Fitment

Use the dimensions below to verify fitment for your vehicle. The Expedition Kitchen is available in two sizes to accommodate various vehicle cargo areas.



1.1.1 Expedition Kitchen Dimensions



1.1.2 Expedition Kitchen LH Dimensions



1.2 Assembly

The kitchen is comprised of two steel cabinets that are placed in the vehicle and bolted together: The Fridge Cabinet and Storage & Workspace Cabinet. They may be installed with the workspace on either side.



1.2.1 The Fridge Cabinet and Storage & Workspace Cabinet



1.2.2 Bolt hole locations for connecting cabinets

Assembly Steps for Bolting Cabinets Together

- 1) Unpack and place the cabinets onto a workbench or directly into the vehicle. Cabinets may be placed with the workspace on either left or right hand side.
- 2) Remove the top storage drawer by pressing the slide disconnect lever in the direction according to the arrow on each slide while gently pulling. This provides access to the upper two (2) bolt holes for fastening the cabinets together.
- 3) Locate the parts bag and extract five (5) hex head screws and bolts.
- 4) Push the cabinets together and align the five holes shown in figure 1.2 2.
- 5) Fasten the cabinets together using the hex head screws and nuts provided.



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Section 1 Assembly & Installation

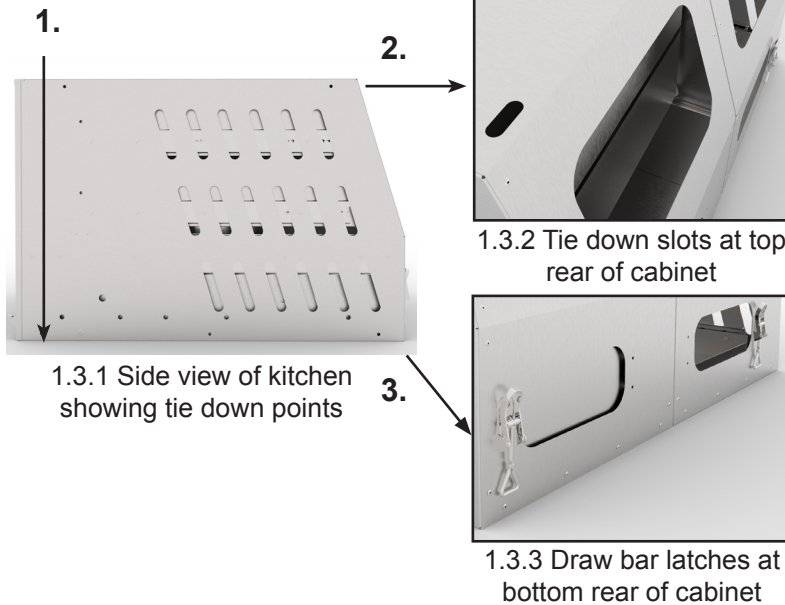
1.3 Securing to Vehicle

The kitchen may be secured using a variety of methods depending on vehicle and user preference. Allocate a space and secure it by four points. The cabinet includes various tied down points as illustrated below. The steel cabinet may be easily drilled to create additional mounting points if needed.

Examples for Securing the Kitchen

- Use tie down straps through kitchen's rear slots (fig 1.3.4) and over front (fig 1.3.5).
- Use the kitchen's rear draw bar latches to secure to cargo area d-rings (fig 1.3.3).
- Fasten using rivet nuts (see https://en.wikipedia.org/wiki/Rivet_nut) to cargo floor pan.
- Cut a 3/4" plywood base sized for the vehicle's cargo area, paint or carpet it. Bolt it down using the factory d-ring bolts. Screw the kitchen down to the plywood.

Choose from the existing 16 bolt holes on kitchen's bottom, or drill additional holes as needed.



1.3.4 Straps holding back of kitchen to floor

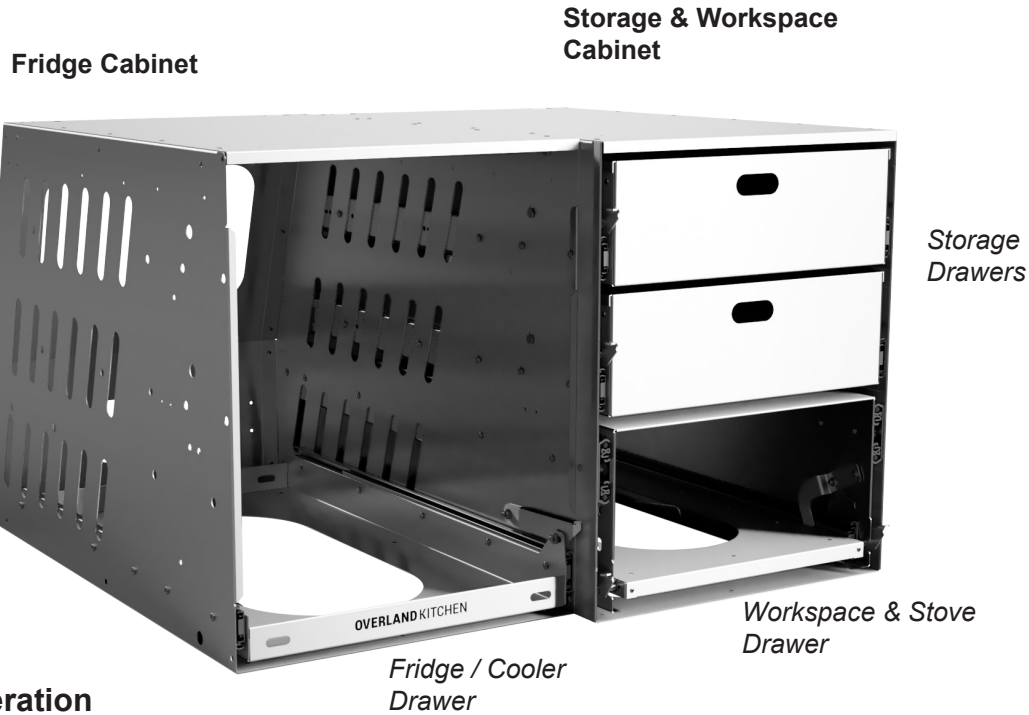


1.3.5 Straps holding front of kitchen to floor



EXPEDITION KITCHEN

Section 2 Kitchen Operation



2 Kitchen Operation

The kitchen is comprised of two steel cabinets bolted together: the fridge cabinet and the storage & workspace cabinet. Heavy-duty adjustable latches secure all drawers shut, and lock open the workspace and stove drawers when in use.

2.1 Fridge Drawer

Slide the latch up (fig 2.1.1) to unlock and extend the drawer. It should unlatch easily and without applying much force while holding the drawer firmly shut against the slide's bump stops when latched. If latch has resistance, refer to field maintenance section 3 for adjustments.

Oval-shaped holes on the fridge slide front and rear accommodate common overland refrigerator/cooler tie downs.

2.2 Storage Drawers

Slide the latch up (fig 2.2.1) to unlock and open the drawer. It should unlatch easily and without applying much force while holding the drawer firmly shut against the slide's bump stops when latched. Refer to field maintenance section for adjustments if too much resistance is found.



2.1.1 Fridge Drawer Latch



2.2.1 Storage Drawer Latch



EXPEDITION KITCHEN

Section 2 Kitchen Operation



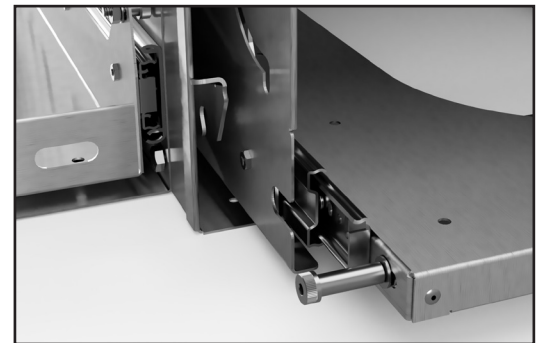
2.3 Workspace & Stove Drawer

The workspace and stove drawers are nested in a telescoping slide configuration. A heavy-duty latch secures the workspace and stove drawers closed (fig 2.3.1). The telescoping drawers extend fully in a single motion when opening. Lockout latches at both the workspace and stove drawers lock the drawers fully open for use.

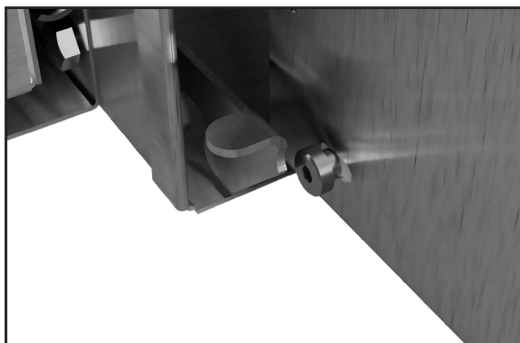
To open, unlock the two workspace and stove latches on either side of the drawer (fig 2.3.1), then pull the stove drawer out until both drawers are fully extended.

Lock open the drawers by latching the two workspace and stove latches down onto the lockout bolts at the back of the main workspace drawer (fig 2.3.2). Lock the stove out by rotating the two stove lockout latches down (fig 2.3.3)

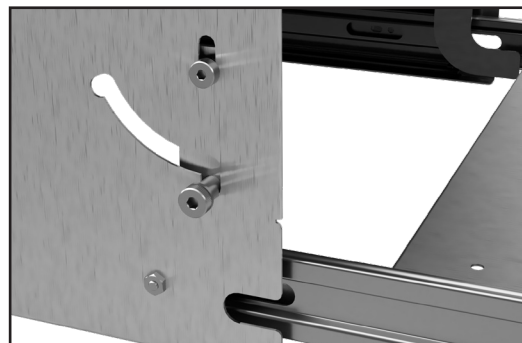
To close, unlock the lockout latches and press the stove drawer in until both drawers are fully closed. Latch the workspace & stove latch (fig 2.3.1).



2.3.1 Workspace & Stove Latch



2.3.2 Workspace Drawer Lockout Bolts



2.3.3 Stove Lockout Latches



EXPEDITION KITCHEN

Section 3 Field Maintenance

3.1 Stainless-Steel Finish Maintenance

Maintaining the cleanliness and hygiene of food preparation surfaces is paramount when it comes to outdoor overland adventures. Stainless steel is an excellent choice due to its durability, resistance to corrosion, and ease of cleaning. The non-porous surface does not absorb or retain odors, flavors, or bacteria and due to its non-reactive properties it does not interact with acidic or alkaline foods.

This technical guide is designed to help you properly clean and maintain the food preparation surfaces in your stainless steel overland vehicle kitchen.

Materials Needed

Before you begin, gather the following materials for effective cleaning:

1. Warm water
2. Mild liquid dish washing soap
3. Non-abrasive scrubbing pad or sponge
4. Microfiber or lint-free cloth
5. Stainless steel cleaner (optional)
6. Food-grade mineral oil (optional)
7. Gloves (optional)

Cleaning Steps

Preparation: Start by removing any loose food debris or residue from the stainless steel surface. Use a paper towel or cloth to wipe away larger particles.

Washing: Mix warm water with a small amount of mild liquid dish washing soap to create a soapy solution. Dip a non-abrasive scrubbing pad or sponge into the solution and gently scrub the entire food preparation surface. Ensure you scrub in the direction of the grain of the stainless steel to avoid scratching.

Rinsing: Thoroughly rinse the surface with clean water to remove all soap residue. Use a microfiber or lint-free cloth to wipe down the surface until it's completely dry.

Optional Stainless Steel Cleaner: If there are stubborn stains or discolorations, you can use a stainless steel cleaner specifically designed for stainless steel surfaces. Follow the manufacturer's instructions for application, as different cleaners may have varying requirements.

Optional Polishing: To maintain the luster of your stainless steel surface, you can apply a food-grade mineral oil. Apply a small amount to a clean, dry cloth and rub it onto the surface in the direction of the grain. This step can help protect the stainless steel from future stains and maintain its shine.

Final Inspection: After cleaning, inspect the food preparation surface to ensure it is spotless and free of any residue or streaks. Make sure there are no hidden areas, such as crevices or corners, that may have been missed during cleaning.



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Section 3 Field Maintenance

3.2 Adjusting the Latches

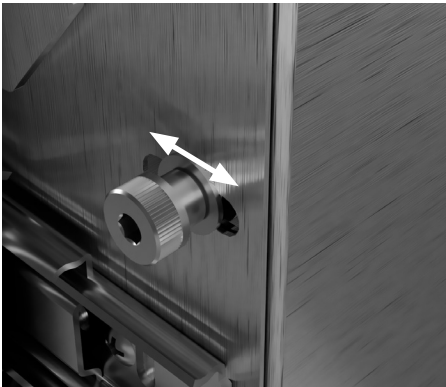
Heavy-duty manual latches lock the fridge, workspace & stove drawer, and storage drawers securely closed. These steel latches are designed to be very robust to trail use, vibration, and shock. These latches engage with a shoulder screw (fig 3.2.1). Occasionally, this shoulder screw needs adjusting when the latch is no longer tight. Likewise, the latch can also become too tight and again, adjustment to the shoulder screw is needed. They are designed be adjusted such that they lock/unlock easily while firmly holding the slides closed against their rubber bump stops when locked.

This maintenance procedure should be applied as needed based on trail use:

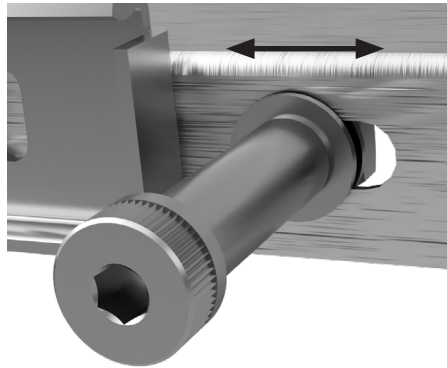
1. Locate the shoulder screw that the latch engages.
2. Use a 5/32" hex drive wrench to loosen the shoulder screw until it slides freely in the slot.
3. Close the drawer firmly and engage the latch, note the location of the shoulder screw.
4. Open the drawer and tighten the shoulder screw at the marked location.
5. Verify tightness and adjust as needed.

Notes:

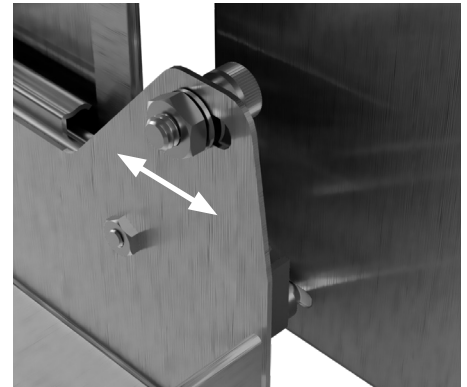
- Latches should open and close easily while holding the drawer firmly closed against its bump stops.
- Shoulder bolts may loosen based on vibration and vehicle flex - reapply this procedure as needed.



3.2.1 Drawer Shoulder Screw Adjustment



3.2.2 Workspace & Stove Shoulder Screw Adjustment



3.2.3 Fridge Shoulder Screw Adjustment