

Charles Gasket Retrofit Kit

97-002471-A

General Description and Installation

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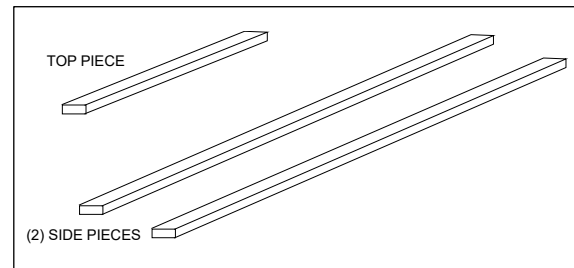


Figure 1 Kit Components

1. GENERAL INTRODUCTION

1.1. Document Purpose

This document provides general information for the 97-002471-A gasket retrofit kit for Charles CUBE-PM63915 series cabinets. Figure 1 shows the kit components.

-NOTE-

Hereafter, the Charles Universal Broadband Enclosure CUBE-PM63915 series will be referred to as the "CUBE." The 97-002471-A gasket retrofit kit will be referred to as the "kit."

1.2. Product Purpose

The kit includes three strips of gasket material to install on the front door or rear panel of the CUBE. If new gaskets are needed for both front and rear, then two kits must be ordered.

Use this kit on front doors/rear panels that meet the following conditions:

- Front door with Southco door latch and foam-in-place (FIP) gaskets
- Front door with Emka door latch and either strip or FIP gaskets
- Rear panel with either strip or FIP gaskets

2. INSTALLATION

2.1. Obtaining Tools and Equipment

Obtain the following recommended or needed items for installing the kit.

- Protective and/or insulated work gloves
- Safety glasses
- Tape measure
- Marking utensil
- Can wrench (216 style tool)
- Clean towels
- 91% isopropyl alcohol
- Gasket roller
- Scissors or snips

2.2. Mounting the Kit

Prior to gasket application, clean the surfaces that will have gasket applied using 91% isopropyl alcohol and a clean towel.

Apply the gasket strips to the front door and rear panel J-flanges. Apply the gasket flush with the outside edge of the flange. Do not stretch the gaskets when placing them on the J-flanges. Use a gasket roller to run across the length of each gasket to activate the pressure-sensitive adhesive.

1. Apply the top piece (shorter piece) first, placing it along the entire span of the horizontal flange.
2. Apply the LHS and RHS pieces (longer pieces), placing them along the entire span of the vertical J-flanges. Ensure that the tops of the side gaskets abut the top piece with no gaps.

Note: the side gaskets are cut to match the length of the J-flanges on the front door. The J-flanges on the rear panel are 6” shorter. Use scissors or snips to cut away the bottom 6” after using the gasket roller to ensure proper adhesion.

See Figures 2 and 3 for the gasket placement. The front door is shown in these images. The gaskets on the rear panel will look similar.

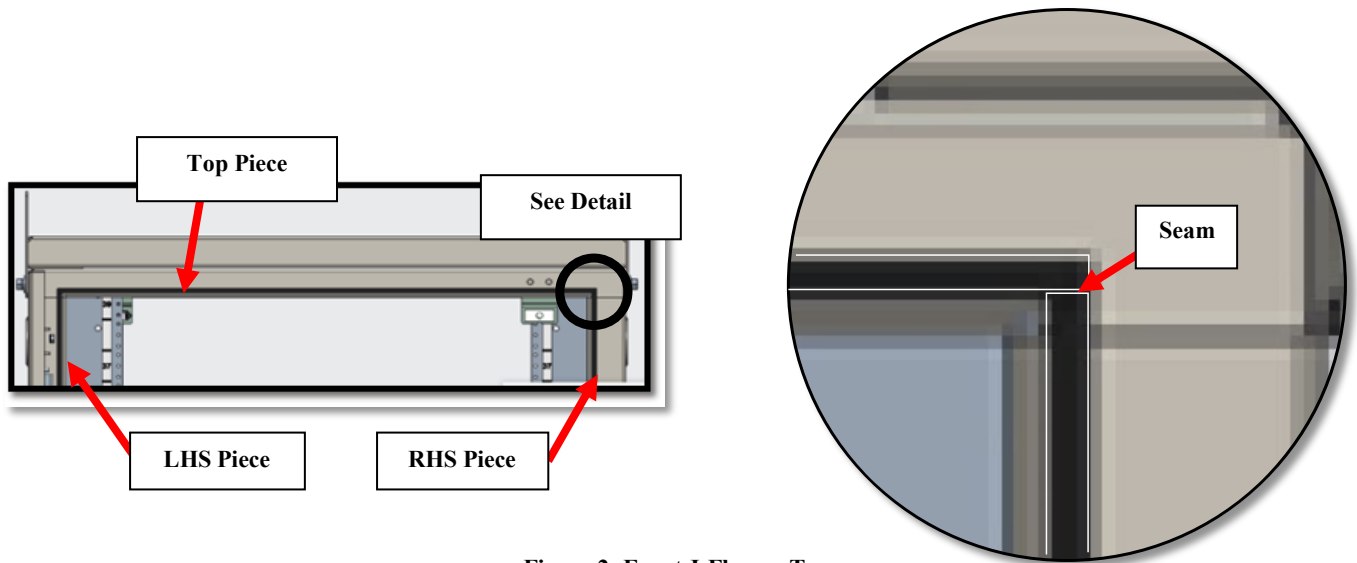


Figure 2: Front J-Flange, Top

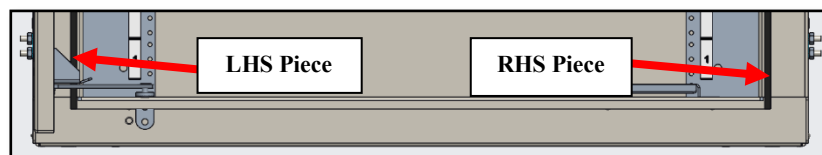


Figure 3: Front J-flange, Bottom

3. TECHNICAL ASSISTANCE AND REPAIR SERVICE

For questions on product repair or if technical assistance is required, contact Charles Technical Support.

847-806-8500

techserv@charlesindustries.com (email)

<http://www.charlesindustries.com/techserv.htm>

4. WARRANTY & CUSTOMER SERVICE

Charles Industries LLC offers a one-year warranty on the kit product. The Charles warranty is limited to the operation of the kit hardware as described in this documentation and does not cover equipment which may be integrated by a third party. The terms and conditions applicable to any specific sale of product shall be defined in the resulting sales contract. For questions on warranty or other customer service assistance, contact your Charles Customer Service Representative.

847-806-6300

mktsev@charlesindustries.com (email)

http://www.charlesindustries.com/main/telecom_sales_support.htm