

Charles Vault Mounting Kit for Pedestals

87-S310INVLTKit and 87-S38INVLTKit

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1. GENERAL INTRODUCTION

1.1. Document Purpose

This document provides general information for the 87-S310INVLTKit and 87-S38INVLTKit vault mounting kits for Charles Series 3 10" and 8" pedestals. Figure 1 shows the kit components.

-NOTE-

Hereafter, the 87-S310INVLTKit and 87-S38INVLTKit vault mounting kits will be referred to as the "kit." The Series 3 pedestal will be referred to as the "pedestal."

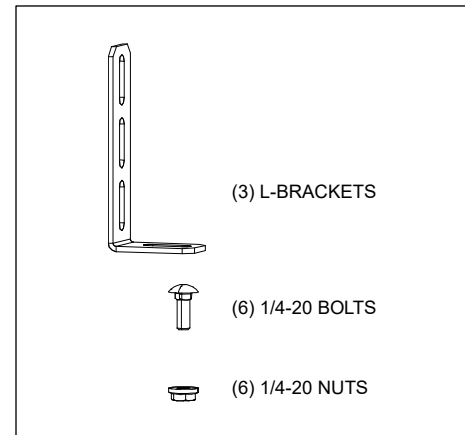


Figure 1 Kit Components

1.2. Product Purpose

The kit includes mounting brackets and hardware for mounting the pedestal to the top of a Charles BGE buried enclosure.

In this document, the 87-S310INVLTKit and the 10" pedestal are used in all images. The 87-S38INVLTKit and 8" pedestal are installed in the same manner.

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
- Torque wrench

2.2. Mounting the Kit

2.2.1. Install the L-brackets Inside the Pedestal

1. Remove the pedestal dome and backboard and set aside.
2. Locate the three pre-drilled mounting holes on the sides and front of the pedestal base.
3. Place an L-bracket inside the base, with the long side vertical against the pedestal surface.
4. Use one bolt and one nut per L-bracket to secure the L-bracket to the base (Figure 2). Torque hardware to 60 lb-in.

2.2.2. Mounting the Pedestal on the BGE

1. Locate the three mounting holes on the BGE cover panel.
2. Mount the pedestal base onto the BGE using one bolt (inserted through the base) and one nut (secured below the BGE cover panel) per L-bracket (Figure 3). Torque hardware to 60 lb-in.

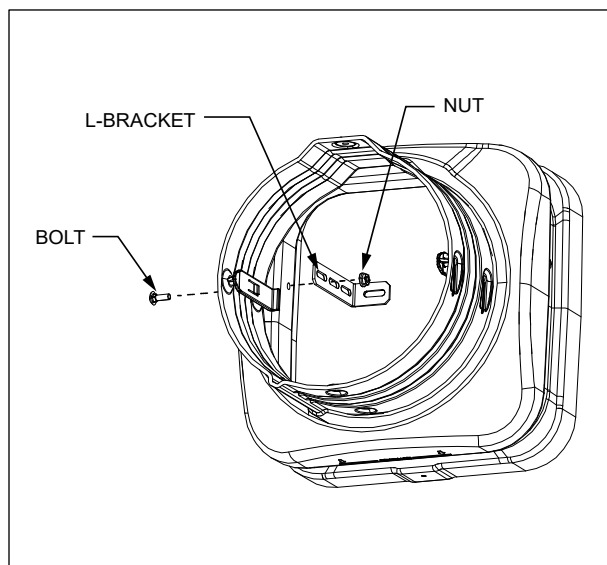


Figure 2 Install L-bracket

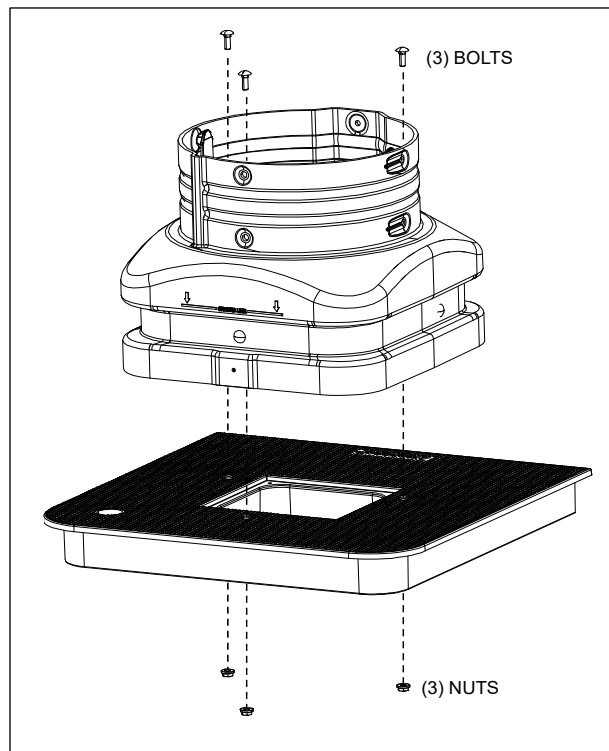


Figure 3 Mount Pedestal on BGE Cover

2.2.3. Install Moisture Barrier

Locate the foam moisture barrier. Push the foam barrier into the pedestal base. Position the foam barrier so that it fills in the space inside the pedestal base, completely covering the hole in the BGE cover panel (Figure 4).

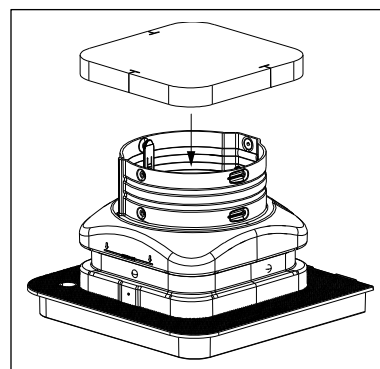


Figure 4 Moisture Barrier

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>