Charles Mounting Bracket Kit for Broadband Pedestals
97-CATVVLTKIT
General Description and Installation

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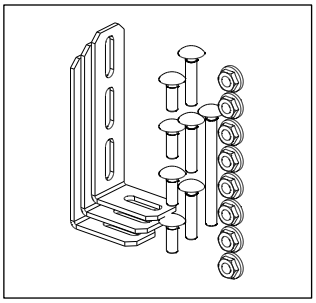


Figure 1 Kit Components

1. GENERAL INTRODUCTION

1.1. Document Purpose

This document provides general information for the 97-CATVVLTKIT mounting bracket kit. Figure 1 shows a view of the kit components.

-NOTE-

Hereafter, the Charles 97-CATVVLTKIT mounting bracket kit will be referred to as the "kit."

1.2. Product Purpose

The kit consists of a brackets and threaded hardware that are used to secure a pedestal to the cover of a below grade enclosure (BGE; also referred to as a handhole or vault).

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. Torque Requirements

Torque all hardware as shown below (unless otherwise noted). These values apply to SAE Grade 1 & 2 Low Carbon Steel, ASTM A307 Low Carbon Steel, and Stainless Steel Grade 18-8.

Thread Size	In-lbs	Ft-lbs
4-40	4±10%	
6-32	8±10%	
8-32	16±10%	
10-32	26±10%	
12-24	50±10%	
1/4-20/M6	60±5%	5±5%
5/16-18	125±5%	10.4±5%
3/8-16	180±5%	15.0±5%
1/2-13	500±2%	41.7±2%
5/8-11	1000±1%	83.3±1%

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2.3. Mounting the Brackets

The kit components are numbered in Figure 2. These installation instructions are for reference only and assume the attachment of select Charles broadband pedestals and BGE with split cover. Installation may vary depending on chosen pedestal and BGE.

1. Remove the smaller section of the BGE cover.
2. Remove the dome from the pedestal and set the pedestal base on the larger section of the BGE cover. With the smaller section removed, the underside of this cover section can be reached. The larger cover section can also be removed for easier installation.
3. Use Figures 2 and 3 as guides for the remaining steps. Attach two brackets to opposite sides of the base using the shortest bolts and flange nuts (#2 and #5 in Figure 2, two bolts and two nuts per bracket).
4. Attach the third bracket to the metal upright bracket at the rear of the base by removing the two existing nuts, adding the bracket, and re-installing the nuts.
5. Position the base on the BGE cover so the oval holes in the brackets align with the three holes in the BGE. Attach the base to the cover using bolts and flange nuts. The longest bolt (#4) is for the rear bracket. Use two medium length bolts (#3) for the side brackets. Add nuts on the opposite side of the cover and tighten to specifications.

   Note: When installing the mounting brackets, drive the nut (on the back side) to pull the carriage bolt through until it sits flush on the surface.

Figure 4 shows a cross sectional image of the completed installation.

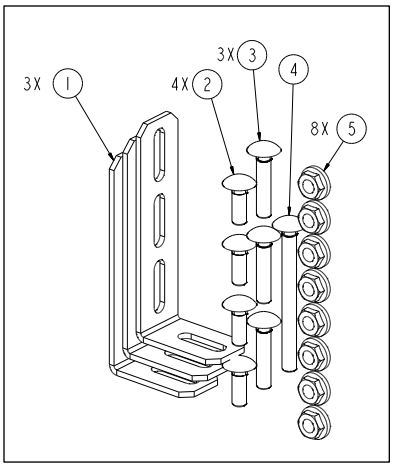


Figure 2
Kit Components

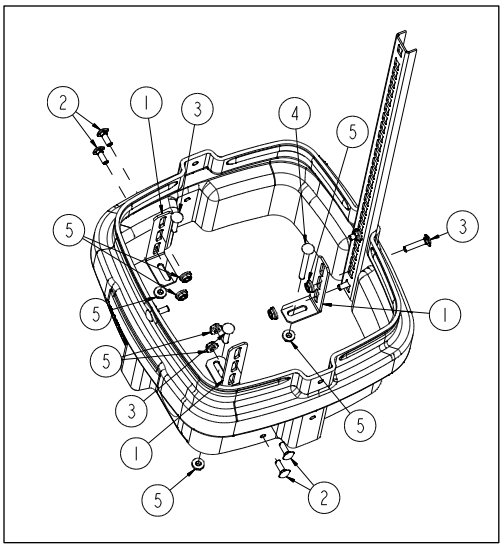


Figure 3
Mounting the Kit

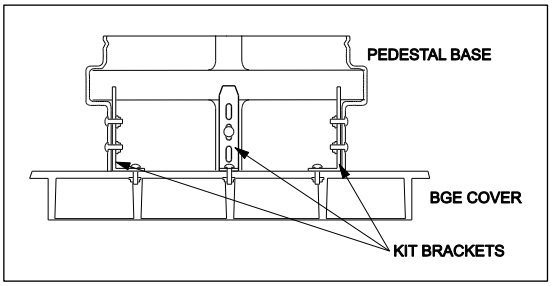


Figure 4 Complete Installation

3. TECHNICAL ASSISTANCE AND REPAIR SERVICE

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

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