

# Charles Square Base Vault Mount Pedestals

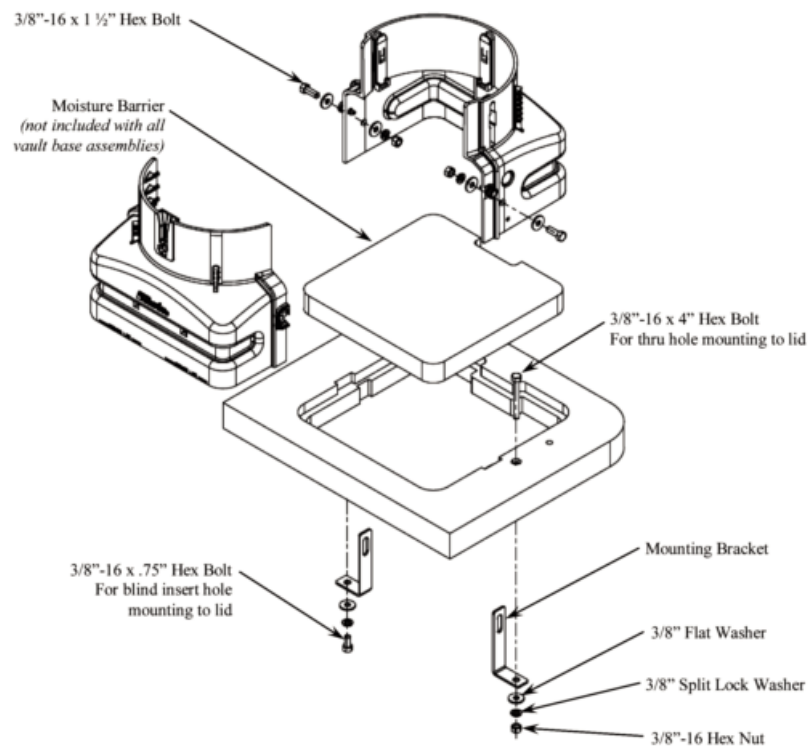
## Mounting Information and Ordering Guide

Attaching a Charles Fiber Pedestal to a vault/handhole is an efficient deployment method where job specifications require a small footprint in tight easement locations for storage of a sealed splice case and fiber cable slack. Affixing the pedestal directly to the handhole may reduce overall deployment costs by eliminating the added installation time of trenching conduit and cabling between the pedestal and handhole.

Handholes are available in many sizes and styles from many vendors. Charles has consulted with most 3rd party handhole vendors to provide the necessary base dimensions enabling them to offer handhole covers to fit the Charles square pedestal bases. Handhole covers designed for the Charles pedestal will have an indent which matches the Charles base, allowing the base to nest into the cover for a solid fit. The attachment brackets then affix the base to the handhole cover for a robust installation.

The typical vault mount installation using a Charles Fiber Pedestal uses a shortened square pedestal base (see schematic, left).

The standard Charles pedestal base is cut at the ground line making the overall profile of the pedestal, when attached to the handhole, no taller than when direct buried. All Charles square base pedestals can be ordered with the shortened vault base, which includes the mounting brackets to attach the base to most vendors' covers, as well as a moisture barrier foam pad to help control moisture which emanates naturally from an open-bottomed handhole.



Customers working to reduce pedestal inventory and improve deployment flexibility keep an inventory of vault mount base kits; allowing a standard direct buried pedestal to be converted for vault mounting. Similar to a vault mount base-equipped pedestal, these vault base kits include the mounting brackets to attach the base to most vendor's covers, as well as a foam moisture barrier pad.

For times when the user has a Charles Fiber Pedestal with a standard square direct buried base and needs to attach it to a handhole, a square base accessory kit is available; which includes the mounting brackets plus components to seal the base properly; including a drop wire channel cover to close-up the drop cable entrance and plugs for the stake mounting holes (not used in a handhole deployment). The moisture barrier foam pad is available as a separately orderable item when using this deployment method.



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## ORDERING INFORMATION

### Pedestal with Vault Base

For most projects requiring the pedestal to be attached to a handhole, the user will order the pedestal inclusive of the vault base. Charles pedestals equipped with the vault base can be identified by the letter "V" within the part number; i.e. BDO205-EVG includes the short vault base whereas BDO205-EG includes the direct buried base. When the vault base is identified, the pedestal will be equipped with the shortened square base, mounting brackets and a moisture barrier foam pad.



When ordering a handhole with a cover designed for a Charles pedestal, no matter which vault manufacturer was chosen, the Charles pedestal must be referenced by its dome size; versus the dimension of its base.

### Vault Base Kits

- Kit includes short square base, mounting brackets with hardware, and moisture barrier foam pad
- Base size is referenced to dome diameter, not dimension of base

Pedestal Diameter	Compatible Pedestal Series	Charles Part #
6"	BDO203, CFDP206	97-VLTBASKT06SM
8"	BDO204, CFDP208, CFFP08, CFXC08	97-VLTBASKT08SM
10"	BDO205, CFDP210, CFFP10, CFXC10	97-VLTBASKT10SM
12"	BDO 6, CFDP12, CFFP12, CFXC12	97-VLTBASKT12SM



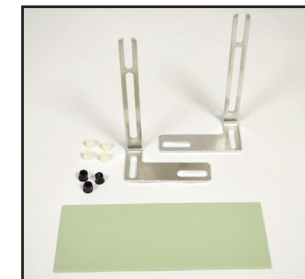
Pedestal Diameter	Compatible Pedestal Series	Charles Part #
6"-12"	Replacement hardware kit for vault bases (included. in 97-VLTBASKTxxSM; xx = dome size)	97-002041-A



### Hardware Kit for Mounting Standard Direct Buried Base to Handhole

- Kit includes left and right mounting brackets with hardware, drop entrance cover, stake hole plugs (order moisture barrier foam pad separately, below)

Pedestal Diameter	Compatible Pedestal Series	Charles Part #
6"-12"	Direct Buried Square Base	BDO GLBBRKT



### Moisture Barrier Foam Pad

- Helps control moisture which emanates naturally from an open bottomed handhole
- Base size is referenced to dome diameter, not dimension of base

Pedestal Diameter	Compatible Pedestal Series	Charles Part #
6"	BDO203, CFDP206	97-CP206MSTRBR
8"	BDO204, CFDP208, CFFP08, CFXC08	97-CP208MSTRBR
10"	BDO205, CFDP210, CFFP10, CFXC10	97-CP210MSTRBR
12"	BDO 6, CFDP12, CFFP12, CFXC12	97-CP212MSTRBR



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