

# **Carlton® PVC Conduit Repair System**

**Adapters**



**Couplings**

**Maintains  
inside  
Diameter  
of Conduit**

**Plugs**



**Reamers**

**Innovative Solutions For  
Wire and Cable Management**

# Carlton® PVC Conduit Repair System

The new, revolutionary, patented design Carlton® PVC Conduit Repair System significantly reduces the time and money associated with repairing broken PVC conduits a.k.a. “stub-ups” in concrete slabs.

The system is a line of couplings, adapters, reamers and plugs designed to allow contractors to quickly and easily repair broken PVC conduits without having to chip away and repour concrete, while still maintaining the inside diameter of the conduit. Simply cut off the broken conduit; ream the I.D. of the conduit and insert a coupling or adapter, it's that easy. A job that normally takes 20 minutes can now be done in 2 minutes or less!



## Features

- c-UL-us Listed
- Nonmetallic couplings, adapters and plugs won't rust or corrode
- Available in sizes 1/2" through 2"
- Patented designed system

## Benefits

- Saves time and money
- Maintains inside diameter of conduit
- Metallic reamers are for extra strength, durability and longer life
- Quickly and easily repair broken PVC conduits

## Specifications

### Reamer Kit

Part No.	Size (in.)
E910REAMKIT	All sizes - 1/2, 3/4, 1, 1-1/4, 1-1/2 and 2



### Reamers sold separately

Part No.	Size (in.)
E910REAMD	1/2
E910REAME	3/4
E910REAMF	1
E910REAMG	1-1/4
E910REAMH	1-1/2
E910REAMJ	2



### Couplings

Part No.	Size (in.)
E910D	1/2
E910E	3/4
E910F	1
E910G	1-1/4
E910H	1-1/2
E910J	2



### Male Threaded Adapters

Part No.	Size (in.)
E920D	1/2
E920E	3/4
E920F	1
E920G	1-1/4
E920H	1-1/2
E920J	2



### Plug

Part No.	Size (in.)
HL-6X*	1/2
HL-10*	3/4
HL-13A*	1
HL-16*	1-1/4
HL-18*	1-1/2
HL-21*	2



\* = Suffix (R: Red, B: Blue, Y: Yellow)

# Installation Instructions

## PVC Conduit Repair Fittings



Retrofit Fitting Kit for use with Rigid Nonmetallic PVC Schedule 40 Conduit



Coupling E910\_



Male Threaded Adapter E920\_



Broken conduit on jobsite

## Instructions



1. Cut broken conduit off flush



2. Insert plug to keep conduit clean/dry through balance of rough-in. Once rough-in is complete, remove plug and continue with step 3.

## Alternative to Conduit Repairs

Prior to concrete pour, measure and saw cut all conduit stub-ups to the thickness of the concrete pour. Insert plugs. Pour concrete flush to the conduit. When pour is complete, remove plugs and proceed with STEP 3. This alternative method saves time/money by eliminating the need for transitions or use of metal elbows.



3. With reamer tool and standard 1/2" drill, ream I.D. of conduit. It is recommended to use a variable speed drill. Use slower speed to avoid overheating the conduit.



4. The guide will direct the cutter; the stop will touch when completed.

5. Insert the coupling and cement into place using the cement manufacturer's instructions.

## Cementing Instructions

- A. Clean socket I.D. and spigot O.D. of dirt and moisture.
- B. Apply a uniform coat of cement to spigot end and push onto socket bottom, rotating 1/4 turn.
- C. Allow time to set before disturbing. This will depend upon temperature.



Apply a uniform coat of cement.



Insert fitting.



Rotate 1/4 turn.

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