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FIXED UP FINDS E986E-CTN

Instruction Manual

CARLON E986E-CTN TYPE LB CONDUIT BODY, 3/4 ELECTRICAL PVC ELBOW

Brand: FIXED UP FINDS | Model: E986E-CTN

1. Introduction

This manual provides essential information for the proper installation, use, and maintenance of your FIXED UP FINDS Carlon E986E-CTN Type LB Conduit Body, 3/4 Electrical PVC Elbow. Please read these instructions thoroughly before installation and retain this manual for future reference.

2. Product Overview

The Carlon E986E-CTN Type LB Conduit Body is a 3/4 inch electrical PVC elbow designed to facilitate changes in direction for electrical conduit runs while providing access to conductors for pulling, splicing, and maintenance. It ensures secure and reliable electrical connections.



Image 1: Carlon E986E-CTN Type LB Conduit Body. This image displays the gray PVC conduit body with its removable cover, showing the 3/4 inch opening for conduit connection and the 'LB' shape for a 90-degree turn with rear access.

Key Features:

- Designed for Carlon E986E-CTN Type LB Conduit Body, 3/4 Electrical PVC Elbow, MPN 6556609.
- Provides secure electrical connections.
- 3/4 inch PVC elbow for easy installation and lasting performance.
- Compatible with MPN 6556609.

To ensure the perfect fit and make a well-informed decision, please check the product dimensions and carefully review the provided photos before installation.

3. Safety Information

WARNING: Electrical work can be hazardous. Always follow local electrical codes and safety regulations. Improper installation can result in electric shock, fire, or property damage.

- Always disconnect power at the main circuit breaker or fuse box before installing or servicing electrical components.
- Use appropriate personal protective equipment (PPE), such as safety glasses and insulated gloves.
- If you are unsure about any part of the installation process, consult a qualified electrician.
- Do not use this product for purposes other than its intended electrical conduit application.

4. Setup and Installation

This conduit body is designed for use with 3/4 inch PVC electrical conduit. Ensure all components are compatible before beginning installation.

1. **Preparation:** Ensure the power supply to the area of installation is completely shut off. Gather all

necessary tools, including PVC cement, primer, conduit cutters, and measuring tape.

2. **Conduit Cutting:** Measure and cut the PVC conduit to the required lengths. Ensure cuts are clean and straight.
3. **Fitting Preparation:** Apply PVC primer to the outside of the conduit ends and the inside of the conduit body hubs. Allow the primer to dry as per the manufacturer's instructions.
4. **Assembly:** Apply a generous, even coat of PVC cement to the primed surfaces. Immediately insert the conduit into the conduit body hubs with a slight twisting motion until it bottoms out. Hold firmly for a few seconds to allow the cement to set.
5. **Mounting:** Secure the conduit body to the desired surface using appropriate fasteners through the mounting holes (if applicable) or by securing the connected conduit runs.
6. **Cover Installation:** Once wiring is complete, ensure the gasket is properly seated and secure the cover onto the conduit body using the provided screws. Tighten screws evenly to ensure a watertight seal.

5. Operating Instructions (Proper Use)

The Carlon E986E-CTN Type LB Conduit Body functions as a permanent part of your electrical conduit system. Its 'LB' shape allows for a 90-degree change in direction, typically entering a wall or surface, while providing an access point for wire pulling and future maintenance.

- Ensure all connections are properly cemented and sealed to prevent moisture ingress.
- Do not overfill the conduit body with wires beyond its rated capacity.
- Always use the correct size and type of conduit for compatibility.
- The removable cover provides access for pulling wires or making splices. Ensure the cover is securely fastened after any access.

6. Maintenance

This PVC conduit body requires minimal maintenance. Regular inspection is recommended to ensure its integrity and functionality.

- Periodically inspect the conduit body and connected conduits for any signs of physical damage, cracks, or loose connections.
- Check the cover and gasket for proper sealing, especially in outdoor or damp environments. Replace if damaged.
- Clean the exterior with a damp cloth if dirt or debris accumulates. Avoid harsh chemicals that could degrade the PVC material.

7. Troubleshooting

If you encounter issues with your conduit body, consider the following:

- **Loose Connections:** If conduit sections feel loose, ensure proper PVC cement application and curing time during installation. Re-cement if necessary, ensuring power is off.
- **Water Ingress:** Check the cover gasket for proper seating and damage. Ensure cover screws are tightened evenly. Verify conduit connections are fully sealed.
- **Physical Damage:** If the conduit body is cracked or broken, it must be replaced to maintain electrical integrity and safety.
- **Difficulty Pulling Wires:** Ensure the conduit run is clear of obstructions. Do not force wires, as this can damage insulation. Consider using wire lubricant.

8. Specifications

Attribute	Value
Item Model Number	E986E-CTN
ASIN	B0DVLPJPVV
Conduit Size	3/4 inch
Material	PVC
Type	LB Conduit Body
Date First Available	January 30, 2025

9. Warranty and Support

For warranty information or technical support regarding your FIXED UP FINDS Carlon E986E-CTN Type LB Conduit Body, please contact FIXED UP FINDS directly through their official channels or the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims.