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uflex K35

Uflex K35 Connector Kit User Manual

Model: K35

1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of the Uflex K35 Connector Kit. Designed for marine applications, this kit facilitates the connection of various control cables to specific Uflex control boxes, ensuring reliable and efficient system performance. Please read this manual thoroughly before attempting any installation or operation.

2. PRODUCT OVERVIEW

The Uflex K35 Connector Kit is an essential component for integrating marine control cables with Uflex B47 and B49 control boxes. It is specifically designed to connect C5, C16, MACH5, and Mercury style cables to single lever control boxes, with the exception of B301, B302, B103, and B104 models.



Figure 1: Uflex K35 Connector Kit Components. This image displays two components of the Uflex K35 Connector Kit. Each component is a metallic bracket with a pivot point and a hole at one end, designed to facilitate the connection of marine control cables to a control box.

Key Features:

- Fitting kit for Uflex B47 and B49 control boxes.
- Connects C5, C16, MACH5, and Mercury style cables.
- Designed for single lever control box applications (excluding B301, B302, B103, B104).

3. SETUP AND INSTALLATION

Proper installation of the K35 Connector Kit is crucial for the safe and effective operation of your marine control system. Follow these general guidelines and consider the important tips below.

General Installation Steps:

1. **Preparation:** Ensure the control box and cables are clean and free from debris. Verify that the cables are compatible with the K35 kit (C5, C16, MACH5, Mercury style).
2. **Cable Insertion:** Carefully insert the end of the control cable into the K35 connector component. Ensure it seats fully and correctly.
3. **Secure Connection:** Once the cable is seated, engage the retaining clip or mechanism on the K35 connector to secure the cable in place.
4. **Attach to Control Box:** Connect the K35 assembly to the designated attachment points on the B47 or B49 control box. Ensure all fasteners are tightened according to manufacturer specifications.
5. **Test Functionality:** After installation, manually operate the control box lever through its full range of motion to confirm smooth and unrestricted movement of the connected cables. Check for any binding or excessive play.

Important Installation Tips:

- **Cable Thickness:** Some non-Uflex brand cables may have a slightly thicker end that prevents the K35 connector's retaining clip from fully engaging. If this occurs, it may be necessary to carefully grind down a small amount of material from the cable's thickness to allow for proper fit and clip engagement. Exercise caution to avoid damaging the cable's core.
- **Prevent Bending:** To prevent the lower end of the K35 extensions from bending out of shape and potentially allowing the throttle cable to dislodge, consider adding hose clamps around the lower end of the extensions after installation. This provides additional reinforcement and security.
- **Compatibility Check:** Always confirm that your specific control cables (e.g., C5, C16, MACH5, Mercury style) are compatible with the K35 kit and that your control box is a B47 or B49 model.

4. OPERATION

The Uflex K35 Connector Kit is a passive component that enables the mechanical linkage between your control cables and the B47/B49 control box. Once correctly installed, the kit allows the control box to transmit movement to the connected cables, facilitating the operation of your marine engine's throttle and shift mechanisms. No specific operational steps are required for the connector kit itself beyond its proper installation.

5. MAINTENANCE

Regular inspection and basic maintenance will help ensure the longevity and reliable performance of your Uflex K35 Connector Kit.

- **Visual Inspection:** Periodically inspect the connectors for any signs of corrosion, wear, bending, or damage. Check that all connections remain secure.
- **Cleaning:** If exposed to harsh marine environments, clean the connectors with fresh water to remove salt residue and dirt. Dry thoroughly.
- **Lubrication:** While the K35 kit itself typically does not require lubrication, ensure that the pivot points and cable ends it connects to are adequately lubricated according to the control box and cable manufacturer's recommendations.
- **Security Check:** Verify that any added hose clamps or securing mechanisms are still tight and effective.

6. TROUBLESHOOTING

If you experience issues with your control system after installing the K35 Connector Kit, consider the following troubleshooting steps:

- **Cable Dislodgement:** If a cable falls out of the connector, ensure the retaining clip is fully engaged. Consider adding hose clamps around the lower end of the extensions for added security, as described in the installation tips.
- **Difficulty Connecting Cables:** If cables do not fit properly or the retaining clip won't engage, check the cable's thickness. Minor material removal from the cable end might be necessary for a proper fit.
- **Stiff or Restricted Movement:** Verify that the cables are not binding or kinked elsewhere in the system. Ensure the K35 connectors are not bent or damaged, and that they are properly aligned with the control box mechanisms.
- **Loose Connections:** Re-check all fasteners and retaining clips to ensure they are securely tightened and engaged.

If problems persist, consult a qualified marine technician or contact Uflex customer support.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	Uflex
Brand	uflex
Model Number	K35 (Manufacturer Part Number) / 3006.0313 (Item Model Number)
Item Weight	2.18 ounces
Package Dimensions	6.02 x 4.57 x 0.47 inches
Connector Type Compatibility	C5, C16, Mach5, and Mercury Style Connectors
Control Box Compatibility	B47 and B49 Control Boxes
UPC	702755015628

8. WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or replacement parts, please contact Uflex directly through their official website or customer service channels. Keep your purchase receipt and product model number (K35) available when contacting support.