

CUB CADET 746P05359

CUB CADET 746P05359 Ers Control Cable Instruction Manual

Model: 746P05359

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the CUB CADET 746P05359 Ers Control Cable. This component is a direct replacement part designed to restore the functionality of your compatible outdoor power equipment. Please read these instructions thoroughly before proceeding with installation or any maintenance.

SAFETY INFORMATION

Always prioritize safety when working with power equipment and replacement parts. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the equipment's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including safety glasses, gloves, and sturdy footwear.
- **Use Correct Tools:** Use only the recommended tools for the job.
- **Work in a Well-Ventilated Area:** If working with lubricants or cleaning agents, ensure adequate ventilation.
- **Keep Children and Pets Away:** Ensure the work area is clear of bystanders.
- **Refer to Equipment Manual:** Always consult your specific equipment's owner's manual for additional safety precautions and detailed instructions.

COMPATIBILITY

The CUB CADET 746P05359 Ers Control Cable is compatible with the following models:

- CUB CADET ST100 (Model 25B-262J710)

To verify compatibility with other models, please refer to your original equipment owner's manual or consult a qualified service technician.

PRODUCT OVERVIEW

The Ers Control Cable is a critical component responsible for transmitting control input from the operator handle to the engine's throttle or engagement mechanism. This replacement cable ensures precise control and reliable operation of your equipment.



Figure 1: CUB CADET 746P05359 Ers Control Cable (Overall View)



Figure 2: Detail of one end of the control cable

INSTALLATION INSTRUCTIONS

Follow these steps carefully to replace the Ers Control Cable. If you are unsure about any step, consult a qualified service technician.

Tools Required:

- Screwdriver set (Phillips and/or flathead, depending on equipment)
- Wrench set (if fasteners are used)
- Pliers
- Work gloves
- Safety glasses

Procedure:

1. **Prepare Equipment:** Ensure the equipment is turned off, cooled down, and the spark plug wire is disconnected. Place the equipment on a stable, flat surface.
2. **Locate Old Cable:** Identify the existing Ers control cable. Note its routing path from the operator handle to the engine or engagement mechanism. Taking photos of the original cable's routing can be helpful.
3. **Disconnect Cable Ends:** Carefully disconnect the cable ends from both the operator handle assembly and the engine/engagement lever. This may involve removing clips, pins, or unscrewing fasteners.
4. **Remove Old Cable:** Unroute the old cable from any guides, clamps, or housings along its path. Remove the old cable completely.
5. **Install New Cable:** Route the new CUB CADET 746P05359 Ers Control Cable along the exact same path as the old cable. Ensure it is not kinked, pinched, or rubbing against any moving parts or hot surfaces.
6. **Connect Cable Ends:** Attach the new cable ends to the operator handle assembly and the engine/engagement lever. Ensure all connections are secure and properly seated.
7. **Check for Free Movement:** Operate the control lever at the handle to ensure the cable moves freely without binding. The engine's throttle or engagement mechanism should respond smoothly.
8. **Reconnect Spark Plug:** Once installation is complete and verified, reconnect the spark plug wire.
9. **Test Operation:** Start the equipment according to its owner's manual and test the function of the Ers control. Ensure it engages and disengages properly and that the engine speed control is responsive.

OPERATION VERIFICATION

After installation, it is crucial to verify the correct operation of the control cable. The cable should allow for smooth and complete engagement and disengagement of the controlled function (e.g., throttle, blade engagement).

- Ensure the control lever at the handle moves through its full range of motion without excessive force.
- Confirm that the corresponding mechanism on the engine or equipment fully actuates when the control lever is moved.
- Check for any slack or excessive tension in the cable. Minor adjustments may be necessary at the cable ends if adjustable.

MAINTENANCE

Regular inspection and minor maintenance can extend the life of your control cable and ensure reliable equipment operation.

- **Periodic Inspection:** Regularly inspect the cable for signs of wear, fraying, kinks, or damage to the outer casing. Check the connection points for security.
- **Lubrication:** Apply a light, non-gumming lubricant to the inner wire of the cable at its ends, especially where it enters the casing, to ensure smooth operation. Avoid over-lubrication, which can attract dirt.
- **Cleaning:** Keep the cable and its routing path free from dirt, debris, and grass clippings.
- **Replacement:** If the cable shows significant wear, damage, or begins to operate stiffly even after lubrication, replace it promptly to prevent loss of control during operation.

TROUBLESHOOTING

If you encounter issues after installing the new control cable, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Cable feels stiff or binds	Incorrect routing, kinks in cable, lack of lubrication, debris in casing	Check cable routing for obstructions or sharp bends. Inspect for kinks. Apply lubricant to inner wire. Clean cable path.
Control mechanism does not fully engage/disengage	Improper cable adjustment, incorrect cable length, worn linkage	Check for proper cable tension and adjustment at both ends. Ensure the cable is the correct part number. Inspect the equipment's linkage for wear.
Cable disconnects from attachment point	Improper installation, missing retaining clip/pin, excessive tension	Ensure cable ends are securely attached with all necessary clips/pins. Verify correct routing and tension.

If troubleshooting steps do not resolve the issue, contact CUB CADET customer support or a certified service center.

SPECIFICATIONS

- **Part Number:** 746P05359
- **Replaces Prior MPN:** 746-05359
- **Product Dimensions:** 9 x 6 x 1.5 inches (packaging)
- **Item Weight:** 5.1 ounces
- **Manufacturer:** CUB CADET

WARRANTY INFORMATION

This CUB CADET replacement part is subject to the manufacturer's standard warranty policy. For detailed information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your original equipment or visit the official CUB CADET website. Keep your purchase receipt as proof of purchase.

CUSTOMER SUPPORT

For further assistance, technical support, or to locate authorized service centers, please contact CUB CADET customer service. Have your equipment model number and the control cable part number (746P05359) ready when you call. You can typically find contact information on the CUB CADET official website or in your equipment's owner's manual.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question