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Genuine OEM Replacement Part

1. PRODUCT OVERVIEW

The Gravely Pro Control Cable, part number 06900412, is a genuine OEM replacement component designed for various Gravely Pro-Turn, Pro-Master, Pro-Stance, and Pro-Zoom models. This cable is essential for the proper operation of your equipment's control system, ensuring precise and reliable functionality.



Figure 1: Gravely Pro Control Cable 06900412, showing the cable, lever, and mounting bracket.

2. SPECIFICATIONS

Attribute	Detail
Model Number	06900412
Manufacturer	Gravely
Product Dimensions	7 x 7 x 7 inches (approximate packaging dimensions)
Item Weight	11.2 ounces
Included Components	Control Cable

3. SETUP AND INSTALLATION

Proper installation of the Gravely Pro Control Cable is crucial for safe and effective operation of your equipment. Always refer to your specific equipment's service manual for detailed, model-specific instructions and safety precautions before beginning any installation.

3.1 Safety Precautions

- Ensure the equipment is turned off, cooled down, and disconnected from any power source (e.g., spark plug wire)

removed) before starting work.

- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Work in a well-lit and stable environment.

3.2 Installation Steps (General Guide)

1. **Access the Control Mechanism:** Locate the existing control cable and the mechanism it operates (e.g., throttle, deck engagement). You may need to remove covers or panels to gain access.
2. **Disconnect Old Cable:** Carefully disconnect the old control cable from both the lever assembly and the mechanism it controls. Note how the cable is routed and secured.
3. **Install New Cable:** Route the new Gravely Pro Control Cable 06900412 in the same manner as the old one, ensuring it is not pinched or kinked.
4. **Connect Ends:** Attach one end of the new cable to the control lever assembly and the other end to the equipment's operating mechanism. Ensure all connections are secure.
5. **Secure Cable:** Use any existing clips or ties to secure the cable along its path, preventing it from interfering with moving parts or becoming damaged.
6. **Test Functionality:** Before reassembling covers, manually operate the control lever to ensure the cable moves freely and the mechanism responds correctly. Adjust tension if necessary, following your equipment's service manual.
7. **Reassemble:** Reinstall any covers or panels removed during the process.





Figure 2: Various views of the control cable, illustrating its components and potential connection points.

4. OPERATING THE CONTROL CABLE

The Gravelly Pro Control Cable acts as a mechanical link between a control lever and an operating mechanism on your equipment. Its function is directly tied to the specific application it is used for (e.g., throttle control, blade engagement, drive engagement).

Once installed, the cable translates the movement of the control lever into a corresponding action on the equipment. For example, if used as a throttle cable, moving the lever will adjust the engine's RPM. If used for blade engagement, moving the lever will engage or disengage the cutting blades.

Always operate the control lever smoothly and deliberately. Avoid forcing the lever if resistance is encountered, as this may indicate an issue with the cable, the mechanism it controls, or an obstruction.

5. MAINTENANCE

Regular inspection and minor maintenance can extend the life of your Gravely Pro Control Cable and ensure reliable operation.

- **Visual Inspection:** Periodically inspect the entire length of the cable for signs of wear, fraying, kinks, or damage to the outer casing. Check the connection points for looseness or corrosion.
- **Lubrication:** If the cable feels stiff or sticky, a light application of a suitable cable lubricant (designed for control cables) can improve its movement. Apply lubricant to the inner wire where it enters the casing, and work the cable back and forth to distribute it.
- **Cleaning:** Keep the cable and its connection points free from dirt, debris, and grass clippings. A clean cable operates more smoothly.
- **Adjustment:** If the control mechanism is not fully engaging or disengaging, or if there is excessive slack, the cable may require adjustment. Refer to your equipment's service manual for specific adjustment procedures.

6. TROUBLESHOOTING

If you encounter issues with your Gravely Pro Control Cable, consider the following common problems and solutions:

- **Cable is Stiff or Sticky:**
 - **Cause:** Lack of lubrication, dirt/debris in casing, or internal corrosion.
 - **Solution:** Clean the cable and apply a suitable cable lubricant. If the issue persists, the cable may be damaged internally and require replacement.
- **Mechanism Not Fully Engaging/Disengaging:**
 - **Cause:** Cable stretch, improper adjustment, or obstruction in the mechanism.
 - **Solution:** Check for obstructions. Adjust cable tension according to your equipment's service manual. If the cable is stretched beyond adjustment limits, it needs replacement.
- **Cable Appears Damaged (Frayed, Kinked, Broken Casing):**
 - **Cause:** Wear and tear, improper routing, or external damage.
 - **Solution:** The cable must be replaced immediately to prevent further damage or loss of control.
- **Cable End or Knob Missing/Incorrect:**
 - **Cause:** This specific Gravely 06900412 control cable is a replacement part and typically includes the cable and the lever assembly as pictured. However, some applications may require additional components (like a specific knob or throttle attachment) that are sold separately or are part of the original equipment's design.
 - **Solution:** Verify the exact components included with your purchase against the product description. If a necessary part is genuinely missing from the received package, contact the seller or Gravely customer support. If the missing component is an accessory not typically included with this specific cable part number, you may need to source it separately.

7. WARRANTY INFORMATION

This Gravely Pro Control Cable 06900412 comes with a **1-year warranty** from the manufacturer. This warranty typically covers defects in materials and workmanship under normal use and service. For specific terms, conditions, and claim procedures, please refer to the official Gravely warranty documentation provided with your equipment or contact Gravely customer support.

Please note: Damage resulting from improper installation, misuse, neglect, or unauthorized modifications may void the warranty.

8. CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the Gravely Pro Control Cable 06900412, please contact Gravely customer service or an authorized Gravely dealer.

When contacting support, please have your equipment's model and serial numbers, as well as the control cable part number (06900412), readily available.

You can typically find contact information on the official Gravely website or in your equipment's main owner's manual.