

INGQI INGD-133582949621-130

INGQI Deck Engage Cable Instruction Manual

For Troy-Bilt, Craftsman, and MTD Lawn Mowers

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and care of your INGQI Deck Engage Cable. This component is crucial for engaging and disengaging the mower deck blades on compatible lawn tractors. Please read these instructions thoroughly before proceeding with installation or operation.

2. COMPATIBILITY AND FITMENT

The INGQI Deck Engage Cable is designed as a replacement for specific models from Troy-Bilt, Craftsman, and MTD. It replaces part numbers 946-05124A and 746-05124.

Compatible Models:

- **Troy-Bilt:** 13WM77KS011 (2015, 2016, 2014) Pony, 13WV78KS011 (2015, 2014) Transmatic Lawn Tractor / Bronco, 13CX79KT011 (2015, 2014) Horse Xp, TB42 (13AL79KS066)(2016), TB42 (13B277KS066)(2016, 2017) 7-Speed, TB42 (13A879KS066)(2016, 2017) Hydro, 13WM77KS211 (2015, 2014) Pony, TB46 (13AL78KT066)(2016, 2017), TB46 (13A879KT066)(2016, 2017) Hydro, 13AN77BS011 (2017) Pony, 13AX79BT011 (2017) Horse Hydro, 13WN77BS011 (2017) Pony, 13WN77BS211 (2017) Pony, 13WX78BS011 (2017) Bronco, 13WX78BS211 (2017) Bronco, 13WX79BT011 (2017) Horse, 13WX79BT211 (2017) Horse, 13AM77KS011 (2014, 2016) Pony, 13AM77KS066 (TB42)(2014), 13AV78KS011 (2014) Bronco, 13A277BS066 (2018) Pony 42t, 13A877BS066 (2018) Pony 42x, 13A879BS066 (2018) Horse 42 Hydro, 13WV78KS211 (2015, 2014) Bronco, 13AV78KS066 (TB42)(2014), 13YX79KT011 (2015, 2014) Horse Xp, 13YX79KT211 (2015, 2014) Horse Xp, 13AK78BS011 (2018) Bronco 42 Auto, 13AK78BS211 (2018) Bronco 42 Auto, 13AK79BT011 (2018) Horse 46 Hydro, 13AK79BT211 (2018) Horse 46 Hydro, 13AL78BT066 (2018) Bronco 46 Auto, 13A277KS066 (TB42)(2015) 7-Speed, 13A879KS066 (TB42)(2015) Hydro.
- **Craftsman:** Various models.
- **MTD:** Various models.

Always verify the part number and visual appearance against your original cable to ensure correct fitment

before installation.

3. PRODUCT OVERVIEW AND FEATURES

The INGQI Deck Engage Cable is constructed from high-quality rubber and stainless steel, designed for durability and reliable performance. It facilitates the connection between the mower's control lever and the deck engagement mechanism.



Figure 3.1: Complete INGQI Deck Engage Cable assembly.

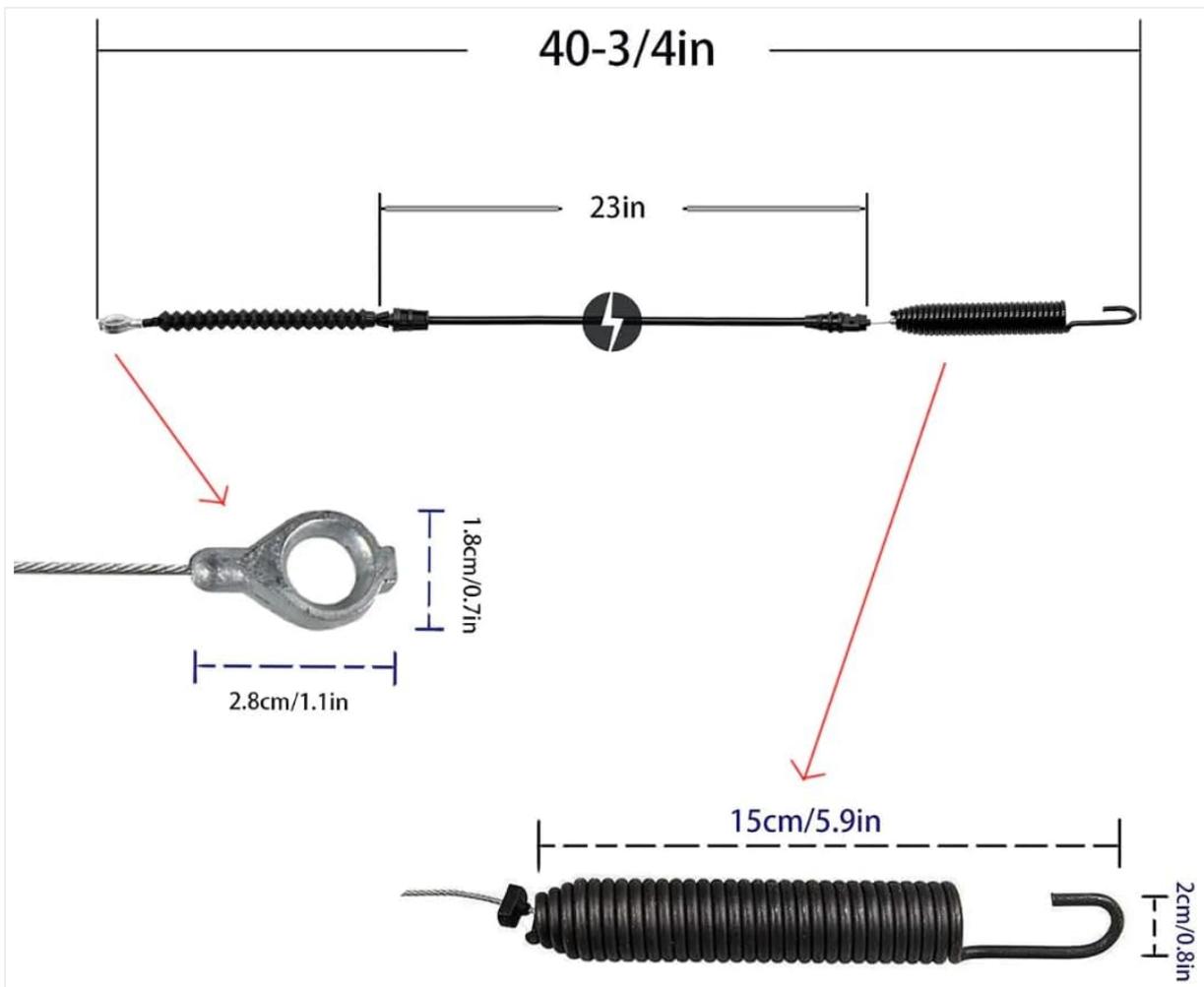


Figure 3.2: Detailed dimensions of the deck engage cable components.



Figure 3.3: Key components and connection points of the cable.

Key Features:

- Durable construction for extended service life.
- Designed for precise fitment with specified models.
- Ensures proper engagement and disengagement of mower blades.

4. SETUP AND INSTALLATION

Safety First: Before beginning any installation, ensure the lawn mower engine is off, the spark plug wire is disconnected, and the parking brake is engaged. Wear appropriate safety gear, including gloves and eye protection.

Installation Steps:

1. **Prepare the Mower:** Park the mower on a flat, stable surface. Disconnect the spark plug wire to prevent accidental starting.
2. **Locate the Old Cable:** Identify the existing deck engage cable. It typically runs from the engagement lever on the dashboard or side of the mower down to the mower deck.
3. **Remove the Old Cable:** Carefully detach the old cable from both the control lever and the mower deck engagement mechanism. Note how it is routed to ensure the new cable is installed correctly.

4. **Install the New Cable:** Route the new INGQI Deck Engage Cable in the same path as the old one. Connect one end to the mower deck engagement mechanism and the other end to the control lever. Ensure all connections are secure.
5. **Test Engagement:** Once installed, reconnect the spark plug wire. Start the engine and carefully test the deck engagement. Ensure the blades engage smoothly when the lever is activated and disengage completely when released. Adjust tension if necessary according to your mower's specific instructions.

Easy to install

It fits perfectly with most models of products

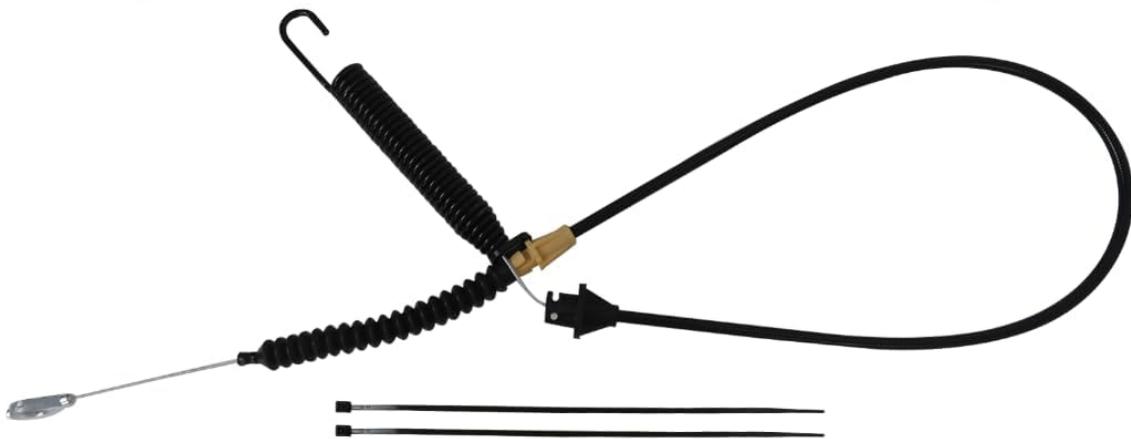


Figure 4.1: The INGQI Deck Engage Cable is designed for straightforward installation.

5. OPERATING THE DECK ENGAGE CABLE

The deck engage cable functions as a mechanical link to activate and deactivate the mower blades. When the engagement lever is moved to the 'Engage' position, the cable pulls a mechanism on the mower deck, causing the blades to spin. When moved to 'Disengage', the cable releases tension, stopping the blades. Always ensure the engine is running at the recommended RPM before engaging the blades for optimal performance and to prevent stalling.

6. MAINTENANCE

Regular maintenance of your deck engage cable can extend its lifespan and ensure consistent performance.

- **Inspection:** Periodically inspect the cable for signs of wear, fraying, kinks, or damage to the outer casing. Check the spring for corrosion or deformation.
- **Lubrication:** Apply a light lubricant to the cable ends and any pivot points to ensure smooth operation. Avoid over-lubrication, which can attract dirt.
- **Cleaning:** Keep the cable and its routing path free from debris, grass clippings, and dirt.
- **Adjustment:** If the deck engagement feels loose or the blades do not engage/disengage properly, consult your mower's owner's manual for specific instructions on adjusting cable tension.

7. TROUBLESHOOTING

If you experience issues with your deck engage cable, consider the following common problems and solutions:

- **Blades Not Engaging:**
 - Check for proper cable routing and secure connections.
 - Inspect the cable for breaks or severe kinks.
 - Verify the tension adjustment.
- **Blades Not Disengaging:**
 - Ensure the cable is not binding or stuck.
 - Check the spring for damage or loss of tension.
 - Inspect the engagement mechanism on the deck for obstructions or damage.
- **Stiff or Hard to Operate Lever:**
 - Lubricate the cable and pivot points.
 - Check for rust or corrosion within the cable housing.

If these steps do not resolve the issue, it may indicate a need for cable replacement or further inspection by a qualified technician.

8. SPECIFICATIONS

Attribute	Value
Model Number	INGD-133582949621-130
Replaces Part Numbers	946-05124A, 746-05124
Material	High-quality rubber and stainless steel
Package Dimensions	7.78 x 1.18 x 1.18 inches
Item Weight	7.8 ounces

9. SUPPORT

For further assistance or inquiries regarding the INGQI Deck Engage Cable, please contact INGQI

customer support. When contacting support, please have your product model number (INGD-133582949621-130) and the specific model of your lawn mower readily available.

We are committed to resolving any issues you may encounter as quickly as possible.