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› Stens Drive Cable 290-520 Replacement for Craftsman 17370610, 917255540, 917254380, 917254381, 917254390, 917254391, 917254570, 917254571, 917254572, 917370600, 917370601, 917370602 588479201

Stens 290-520

Stens Drive Cable 290-520 Instruction Manual

Replacement for Craftsman and Husqvarna Walk-Behind Mowers

1. INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of the Stens Drive Cable 290-520. This cable is a direct replacement part designed to restore the drive function of compatible walk-behind lawn mowers. Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and correct operation.

2. SAFETY INFORMATION

Always prioritize safety when working with machinery. Failure to follow these safety guidelines may result in personal injury or damage to equipment.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the mower'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 and gloves.
- **Consult Mower Manual:** Refer to your specific mower's owner's manual for detailed disassembly and reassembly instructions, as procedures may vary by model.
- **Secure Equipment:** Ensure the mower is stable and cannot move during the installation process.
- **Proper Tools:** Use the correct tools for the job to avoid damaging components or causing injury.

3. PRODUCT OVERVIEW

The Stens Drive Cable 290-520 is a high-quality replacement part engineered to meet OEM specifications. It features specific cable ends for secure attachment and precise length for optimal performance.



Image: The Stens Drive Cable 290-520, showing its black casing and the spring and Z-bend cable ends.

Key Features:

- **Cable Ends:** Equipped with a spring on one end and a Z-bend on the other for specific attachment points.
- **Length:** Approximately 67 1/2 inches (171.45 cm).
- **Construction:** Durable braided cable designed for reliable power transmission.

4. INSTALLATION (SETUP)

Replacing a drive cable typically involves accessing the mower's drive system. The following are general steps. Always refer to your mower's specific service manual for exact procedures.

1. **Prepare the Mower:** Turn off the engine, disconnect the spark plug wire, and allow the engine to cool. Position the mower on a flat, stable surface.
2. **Locate Old Cable:** Identify the existing drive cable. It typically runs from the drive control handle to the transmission or drive mechanism.
3. **Remove Old Cable:** Disconnect the cable from both the control handle and the drive mechanism. This may involve releasing clips, unscrewing fasteners, or detaching from levers. Note the routing of the cable for reinstallation.
4. **Install New Cable:** Route the new Stens 290-520 drive cable in the same path as the old one. Attach the Z-bend

end to the appropriate lever or mechanism on the mower's drive system.

- 5. **Connect to Handle:** Attach the spring end of the cable to the drive control handle or bail. Ensure it is securely seated and allows for proper tension.
- 6. **Check Tension and Operation:** Once installed, reconnect the spark plug wire. Start the mower and test the drive engagement. The drive wheels should engage smoothly when the control is activated and disengage completely when released. Adjust tension if necessary, following your mower's manual.

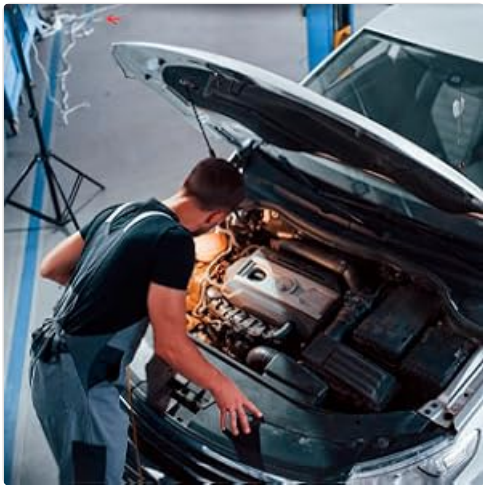


Image: A mechanic inspecting an engine, illustrating the type of mechanical work involved in replacing parts like a drive cable.

5. MAINTENANCE

Proper maintenance can extend the life of your drive cable and ensure consistent performance.

- **Regular Inspection:** Periodically inspect the cable for signs of wear, fraying, kinks, or damage to the outer casing.
- **Lubrication:** Apply a light lubricant to the cable ends and any pivot points where the cable connects to levers or mechanisms. Avoid over-lubrication, which can attract dirt.
- **Cleanliness:** Keep the cable and surrounding areas free from dirt, grass clippings, and debris, which can impede movement and cause premature wear.
- **Proper Storage:** When not in use, store the mower in a dry, clean environment to prevent corrosion of the cable.

6. TROUBLESHOOTING

If you experience issues with your mower's drive system after cable replacement, consider the following common problems:

Problem	Possible Cause	Solution
Drive wheels not engaging.	Cable not properly connected; cable too loose; internal mower drive issue.	Verify cable connections at both ends. Adjust cable tension if possible. Consult mower's service manual for drive system diagnostics.
Drive wheels slipping or weak engagement.	Cable too loose; worn drive belt (if applicable); worn drive components.	Adjust cable tension. Inspect and replace drive belt if worn. Check for worn gears or pulleys in the drive system.
Drive wheels remain engaged when control is released.	Cable too tight; cable binding; control handle mechanism faulty.	Loosen cable tension. Check cable routing for kinks or obstructions. Inspect control handle for proper return spring function.

7. SPECIFICATIONS

Detailed specifications for the Stens Drive Cable 290-520:

- **Model Number:** 290-520
- **Cable Length:** 67 1/2 inches (approximately 171.45 cm)
- **Cable Ends:** Spring on one end, Z-bend on the other end
- **Color:** Black
- **Product Dimensions:** 9 x 9 x 1 inches (packaged)
- **Item Weight:** 2.5 ounces
- **Manufacturer:** Stens

Compatible With/Replacement For (Partial List):

- **Husqvarna:** 588479201
- **Craftsman:** 917370610, 917255540, 917254380, 917254381, 917254390, 917254391, 917254570, 917254571, 917254572, 917370600, 917370601, 917370602, 917370603, 917370604, 917370620, 917370640, 917370650, 917370651, 917370810, 917370830, 917374010, 917374011, 917374020, 917374022, 917374030, 917374031, 917374150, 917374160, 917374170, 917376220, 917376221, 917376222, 917376223, 917376224, 917376225, 917376230, 917376231, 917376232, 917376233, 917376234, 917376240, 917376241, 917376243 model walk-behind mowers.

8. WARRANTY AND SUPPORT

For information regarding product warranty or technical support, please contact Stens directly or refer to their official website. Always retain your proof of purchase for warranty claims.

You can visit the official Stens store for more products and information:[Stens Official Store](#)

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