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Technology Parts Store 130969

Aramid Heavy Duty Ground Drive Belt 130969 Instruction Manual

Compatible with Craftsman Tractor Model 917.288573

1. Product Overview

This manual provides instructions for the Aramid Heavy Duty Ground Drive Belt, part number 130969, manufactured by Technology Parts Store. This belt is designed for heavy-duty applications, specifically as a ground drive belt for lawn tractors, including compatibility with Craftsman Tractor Model 917.288573. It is constructed with aramid fibers for enhanced durability and performance.



Image 1.1: The Aramid Heavy Duty Ground Drive Belt 130969. This belt is designed for robust performance in demanding applications.

2. Product Specifications

Specification	Detail
Brand	Technology Parts Store
Material	Aramid
Product Dimensions (L x W)	92 inches x 0.5 inches
Belt Style	Aramid V-Belt (1/2" x 92" A90K 4LK920)
Compatible Devices	Lawn Tractors, Riding Mowers (e.g., Craftsman Model 917.288573)
Replaces OEM #	Craftsman 532130969, 130969
Item Weight	12.8 ounces

The belt features a high-density wrapping fabric and aramid cords for maximum tensile strength, elongation resistance, and a long service life. The natural rubber body provides heat and abrasion resistance, minimizing stretch.

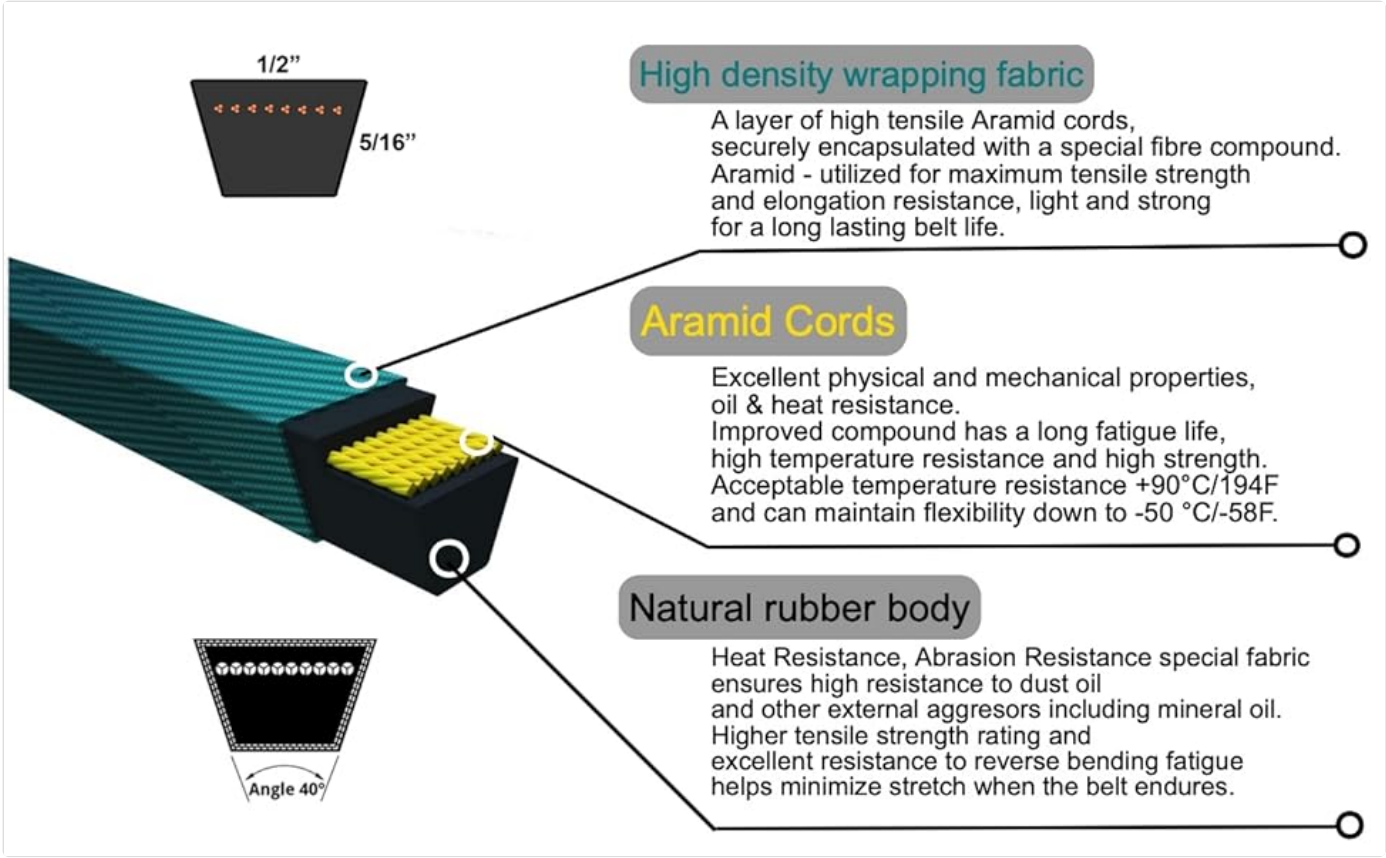


Image 2.1: Detailed diagram illustrating the construction of the Aramid V-belt, highlighting the aramid cords and natural rubber body.

3. Installation

Replacing a ground drive belt requires careful attention to safety and proper procedure. Always refer to your specific tractor's owner's manual for detailed, model-specific instructions and safety precautions before attempting any belt replacement.

Safety Precautions:

- Ensure the tractor is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting.

- Engage the parking brake.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Use proper tools and ensure the tractor is stable if lifting is required.

General Installation Steps (Consult Tractor Manual for specifics):

1. **Access the Drive System:** Depending on your tractor model, you may need to remove the mower deck or other components to gain access to the ground drive belt system.
2. **Relieve Tension:** Locate the belt tensioner or idler pulley system. Use a wrench or lever to relieve tension on the old belt.
3. **Remove Old Belt:** Carefully remove the old belt from all pulleys, noting its routing path. It is often helpful to take a picture or draw a diagram of the belt routing before removal.
4. **Install New Belt:** Route the new Aramid Heavy Duty Ground Drive Belt 130969 around the pulleys according to the diagram or your previous observation. Ensure the belt is seated correctly in all pulley grooves.
5. **Apply Tension:** Re-engage the tensioner or idler pulley to apply proper tension to the new belt. Verify that the belt is taut but not overly tight.
6. **Reassemble:** Reinstall any components that were removed to access the drive system.
7. **Test Operation:** Reconnect the spark plug wire. Start the tractor and slowly engage the drive system in a safe, open area to ensure the belt operates smoothly and the tractor moves correctly.

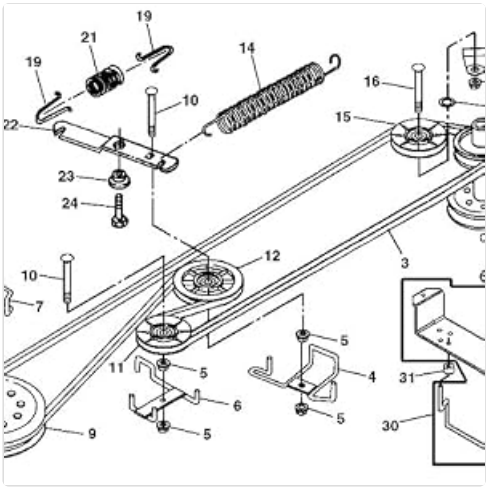


Image 3.1: Example diagram showing a pulley adjustment mechanism, which may be relevant during belt installation or tensioning.



Image 3.2: Illustrative diagram of a drive system, useful for understanding belt routing and component placement.

4. Operation

Once installed, the ground drive belt transmits power from the engine to the tractor's transmission, enabling the wheels to turn and the tractor to move. Proper operation relies on the belt being correctly tensioned and free from obstructions.

- Ensure the belt is not slipping during operation, which can indicate improper tension or wear.
- Avoid sudden starts or stops that can put excessive strain on the belt.
- Operate the tractor within its recommended load and speed limits to prolong belt life.

5. Maintenance

Regular inspection and maintenance of your ground drive belt will ensure optimal performance and extend its lifespan.

1. **Visual Inspection:** Periodically inspect the belt for signs of wear, such as cracks, fraying, glazing, or missing sections. Check for any foreign objects lodged in the pulleys or belt.
2. **Tension Check:** Ensure the belt maintains proper tension. A belt that is too loose may slip, causing loss of power, while a belt that is too tight can put undue stress on bearings and pulleys. Refer to your tractor's manual for correct tension specifications.
3. **Cleaning:** Keep the belt and pulleys clean and free of dirt, grass clippings, oil, and other debris. Contaminants can cause premature wear and reduce grip.
4. **Replacement:** Replace the belt if it shows significant signs of wear, damage, or if it consistently slips despite proper tensioning.

6. Troubleshooting

If you experience issues with your ground drive system, consider the following common troubleshooting steps:

- **Belt Slipping:** This is often caused by insufficient belt tension, a worn or glazed belt, or oil/grease on the belt or pulleys. Check tension, inspect the belt for wear, and clean any contaminants.
- **Excessive Noise (Squealing/Screeching):** Can indicate a loose belt, misaligned pulleys, or a worn belt. Verify tension and alignment.
- **Tractor Not Moving:** Ensure the belt is properly installed and tensioned. Check for any broken components in the drive system or a completely broken belt.
- **Premature Belt Wear:** May be due to improper tension (too tight or too loose), misaligned pulleys, or operating the tractor under excessive load.

For persistent issues, consult your tractor's service manual or contact a qualified service technician.

7. Warranty Information

For specific warranty details regarding the Aramid Heavy Duty Ground Drive Belt 130969, please refer to the documentation provided at the time of purchase or contact Technology Parts Store directly. Warranty coverage typically addresses manufacturing defects under normal use conditions.

8. Support and Contact

If you have questions about the installation, operation, or maintenance of your Aramid Heavy Duty Ground Drive Belt 130969, please contact Technology Parts Store for assistance.

Technology Parts Store
For support, please visit the official Technology Parts Store on Amazon or refer to your purchase invoice for direct contact information.

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