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Technology Parts Store 197253 (Compatible with Craftsman 917250810)

Instruction Manual

Ground Drive Belt 197253 for Craftsman Model 917250810

Brand: Technology Parts Store | Model: 197253

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Technology Parts Store Ground Drive Belt 197253. This belt is designed as a replacement part compatible with Craftsman Model 917250810 lawn tractors. Please read this manual thoroughly before attempting any installation or maintenance procedures.

2. Safety Information

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

- **Disconnect Power:** Before beginning any work, ensure the lawn tractor's engine is off, the spark plug wire is disconnected, and the battery is disconnected (if applicable) to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including sturdy work gloves to protect your hands from sharp edges and pinch points. Safety glasses are also recommended.
- **Secure Equipment:** Ensure the lawn tractor is on a flat, stable surface and properly supported if lifting is required.
- **Consult Original Manual:** Refer to your Craftsman Model 917250810 owner's manual for specific safety warnings and detailed instructions related to your equipment.

3. Product Overview

The Ground Drive Belt 197253 is a critical component that transmits power from the engine to the transmission, enabling the lawn tractor to move. This belt measures 1/2 inch in width and 101 inches in length (A99 4L1010). It is constructed from durable rubber material designed for longevity and performance in outdoor power equipment.

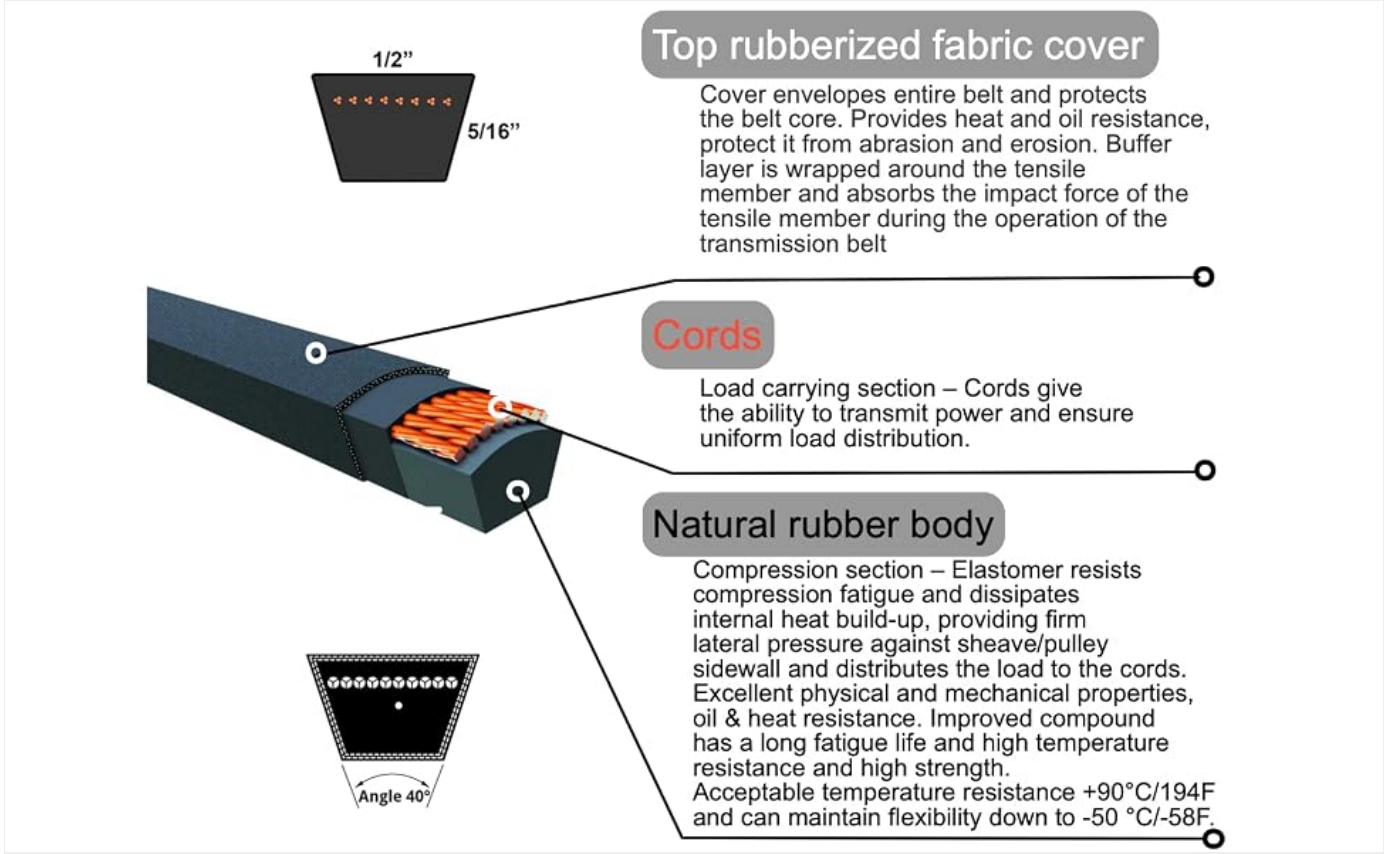


Figure 3.1: Illustration of a 4L Mower V-belt, similar to the Ground Drive Belt 197253.



Figure 3.2: Cross-section view of a V-belt, highlighting the top rubberized fabric cover, cords, and natural rubber body for durability and power transmission.

4. Installation (Setup)

Replacing the ground drive belt requires careful attention to detail. Always refer to your specific Craftsman Model 917250810 service manual for the most accurate and detailed instructions.

1. **Preparation:** Ensure the tractor is on a level surface, engine is off, and all safety precautions (Section 2) are followed. Gather necessary tools, which may include wrenches, sockets, and a pry bar.
2. **Access the Belt:** Depending on your model, you may need to remove the mower deck, footrests, or other covers to gain access to the transmission and drive pulleys.
3. **Relieve Tension:** Locate the tensioning idler pulley and mechanism. Use a wrench or pry bar to relieve tension on the old belt, allowing it to be removed from the pulleys.
4. **Remove Old Belt:** Carefully route the old belt off all pulleys and remove it from the tractor. Note the routing path for the new belt. Taking a photo before removal can be helpful.
5. **Install New Belt:** Route the new Ground Drive Belt 197253 around the pulleys, following the exact path of the old belt. Ensure the belt is seated correctly in all pulley grooves.



Figure 4.1: Example exploded diagram illustrating typical belt routing and associated pulley components on a lawn tractor. Consult your specific model's diagram.

6. **Apply Tension:** Re-engage the tensioning mechanism, ensuring the belt is taut but not overly tight. Proper tension is crucial for belt longevity and effective operation.
7. **Reassemble:** Reinstall any covers, footrests, or the mower deck that were removed.
8. **Test:** Reconnect the spark plug wire and battery. Start the engine and slowly engage the drive system to ensure the belt operates smoothly without slipping or unusual noises.

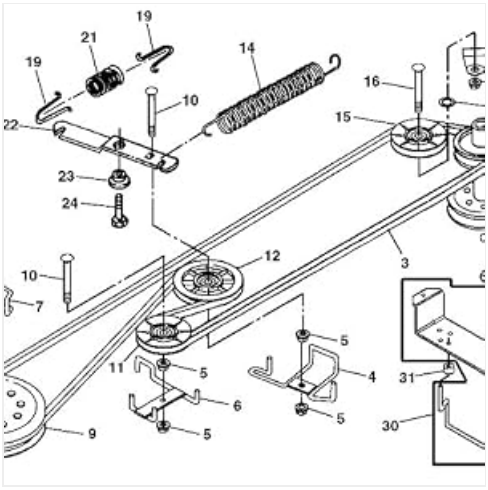


Figure 4.2: Diagram illustrating how to adjust a pulley to achieve correct belt tension. Refer to your tractor's manual for specific adjustment points.

5. Operation

Once correctly installed, the Ground Drive Belt 197253 will facilitate the movement of your Craftsman lawn tractor. Engage the drive system according to your tractor's operating instructions. The belt should operate smoothly, providing consistent power to the wheels.

6. Maintenance

Regular inspection and maintenance will extend the life of your ground drive belt.

- **Visual Inspection:** Periodically inspect the belt for signs of wear, cracks, fraying, glazing, or damage. Replace the belt if any significant wear is observed.
- **Cleanliness:** Keep the belt and pulleys free from dirt, grass clippings, oil, and other debris. Debris can cause premature wear and slippage.
- **Tension Check:** Ensure the belt maintains proper tension. A loose belt can slip, causing inefficient operation and accelerated wear. An overly tight belt can strain bearings and reduce belt life.
- **Storage:** If the tractor is stored for an extended period, ensure the belt is clean and free from tension if possible, as per your tractor's manual.

7. Troubleshooting

If you encounter issues after installing the new ground drive belt, consider the following:

- **Tractor Not Moving:** Check if the belt is properly seated on all pulleys. Verify that the tension is correct. Ensure no obstructions are preventing belt movement.
- **Squealing Noise:** This often indicates a loose belt or glazed pulleys. Check and adjust belt tension. Clean pulleys if necessary.
- **Belt Comes Off:** Incorrect routing, improper tension, or worn pulleys can cause the belt to come off. Double-check the routing diagram and pulley condition.
- **Incorrect Length:** While this belt is specified for Craftsman Model 917250810, variations can occur. If the belt appears significantly too long or too short upon installation, double-check the part number against your tractor's requirements. A belt that is too long (e.g., 10 inches longer) will not provide proper tension and will not function correctly.

8. Specifications

Part Number	TPS00079990
Replaces OEM #	Craftsman 592855001, 598559101, 197253
Compatible with	Craftsman Model 917250810
Belt Style	Classic V-belt (A99 4L1010)
Dimensions (L x W)	101 inches x 0.5 inches
Material	Rubber
Color	Black
Item Weight	7.2 ounces

9. Warranty Information

Specific warranty details for this replacement part are not provided in the product information. Please refer to the seller's return policy or contact the Technology Parts Store directly for any warranty-related inquiries.

10. Customer Support

For further assistance, questions, or concerns regarding the Ground Drive Belt 197253, please contact the Technology Parts Store through the platform where the purchase was made. Provide your order details and a clear description of your inquiry for prompt support.

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.

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