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› Ariens Gravely Hex Belt 07200509 Instruction Manual

Ariens 07200509

Ariens Gravely Hex Belt 07200509 Instruction Manual

Brand: Ariens

Model: 07200509

1. INTRODUCTION

This document provides essential information for the safe and effective use of your Genuine Ariens Gravely Hex Belt, Part Number 07200509. Please read this manual thoroughly before installation or maintenance to ensure proper operation and to prevent injury or damage.

Product Overview

The Ariens Gravely Hex Belt 07200509 is an Original Equipment Manufacturer (OEM) part designed for specific Ariens and Gravely zero-turn mowers. This high-quality, double-sided V-belt (hex belt) is engineered to deliver reliable power transmission and enhance the performance and cut quality of your equipment. Its robust construction minimizes downtime and ensures a perfect fit.

2. SAFETY INFORMATION

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

- **Disconnect Power:** Before performing any installation, maintenance, or inspection, ensure the engine is off, the spark plug wire is disconnected, and the battery is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- **Consult Machine Manual:** Refer to your specific Ariens or Gravely equipment's owner's manual for detailed safety precautions and specific instructions related to belt replacement for your model.
- **Hot Surfaces:** Engine and exhaust components can be extremely hot. Allow the machine to cool down before handling any parts.
- **Moving Parts:** Keep hands, feet, and clothing away from moving parts, especially pulleys and belts, during operation.
- **Proper Tools:** Use only the correct tools for the job to avoid damage to parts or personal injury.
- **Professional Assistance:** If you are unsure about any step or lack the necessary tools or expertise, seek assistance from a qualified service technician.

3. PRODUCT SPECIFICATIONS

Feature	Detail
Part Number	07200509
Brand	Ariens
Belt Type	Hex Belt (Double-Sided V-Belt)
Material	Durable Aramid Fiber Reinforced Rubber
Application	Primary Deck Belt
Compatibility	Ariens/Gravely Pro Turn, Pro Master, 148, 152, 160, 252, 260, 452, 460 Models

What's in the Box

- 1 x Ariens Gravely Hex Belt 07200509

4. INSTALLATION INSTRUCTIONS

This section provides a general guide for replacing the deck belt. Always refer to your specific mower's service manual for detailed, model-specific instructions and diagrams.

Tools Required (Typical)

- Socket Wrench Set
- Pliers
- Pry Bar (optional, for tension relief)
- Safety Glasses and Gloves

Procedure

1. **Prepare the Mower:** Park the mower on a flat, level surface. Engage the parking brake. Lower the mower deck to its lowest position. Disconnect the spark plug wire and battery cables.
2. **Remove Deck Covers (if applicable):** Remove any protective covers or shields that obstruct access to the mower deck and belt system.
3. **Relieve Belt Tension:** Locate the tensioning pulley or idler arm. Use a pry bar or appropriate tool to relieve tension on the old belt.
4. **Remove Old Belt:** Carefully remove the old belt from all pulleys, noting its routing path. It may be helpful to take a photo before removal.
5. **Inspect Pulleys:** Inspect all pulleys for wear, damage, or excessive play. Replace any worn components. Clean any debris from the pulley grooves.
6. **Install New Belt:** Route the new Ariens Gravely Hex Belt 07200509 around the engine pulley and all deck pulleys according to the diagram in your mower's manual. Ensure the belt is seated correctly in all grooves.
7. **Apply Tension:** Reapply tension to the belt using the tensioning mechanism. Ensure the belt is taut but not overly tight.
8. **Verify Routing:** Double-check that the belt is correctly routed and seated on all pulleys. Manually rotate the

blades to ensure smooth movement and proper belt alignment.

9. **Reassemble:** Reinstall any removed deck covers or shields.
10. **Reconnect Power:** Reconnect the battery cables and the spark plug wire.
11. **Test Operation:** Start the mower and engage the deck at a low throttle setting. Listen for any unusual noises or vibrations. Gradually increase the throttle and observe the belt's operation. If any issues arise, immediately shut down the mower and re-inspect the installation.



Image: Ariens Gravely Hex Belt 07200509. This image displays the coiled hex belt, highlighting its unique double-sided V-shape and the visible part number.

5. MAINTENANCE

Regular maintenance extends the life of your belt and ensures optimal mower performance.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracks, fraying, glazing, or stretching. Replace the belt if any damage is observed.
- **Cleanliness:** Keep the belt and pulleys free of grass clippings, dirt, and debris. Accumulation can cause premature wear and slippage.

- **Proper Tension:** Ensure the belt maintains proper tension as specified in your mower's manual. Incorrect tension can lead to slippage or excessive wear.
- **Storage:** When not in use for extended periods, store the mower in a dry, clean environment.

6. TROUBLESHOOTING

Common Issues and Solutions

- **Belt Slippage:**
 - **Cause:** Incorrect belt tension, worn belt, or debris on pulleys.
 - **Solution:** Adjust belt tension, replace worn belt, clean pulleys.
- **Excessive Noise (Squealing/Screeching):**
 - **Cause:** Incorrect tension, worn belt, misaligned pulleys, or foreign objects.
 - **Solution:** Check and adjust tension, inspect for wear, verify pulley alignment, remove obstructions.
- **Belt Coming Off Pulleys:**
 - **Cause:** Incorrect routing, worn belt, misaligned pulleys, or damaged belt guides.
 - **Solution:** Re-route belt correctly, replace worn belt, check pulley alignment, repair/replace belt guides.
- **Premature Belt Wear:**
 - **Cause:** Improper tension, misaligned pulleys, excessive debris, or incorrect belt type.
 - **Solution:** Ensure correct tension and alignment, keep area clean, confirm correct belt part number.

7. WARRANTY AND SUPPORT

For specific warranty information regarding your Ariens Gravely Hex Belt 07200509, please refer to the documentation included with your purchase or contact Ariens customer support directly. Genuine Ariens OEM parts are backed by the manufacturer's warranty.

For further assistance or technical support, please visit the official Ariens website or contact an authorized Ariens service center.

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