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LESIONGO Traction Drive Belt

LESIONGO Traction Drive Belt Instruction Manual

Compatible with Ariens, Gravely, Craftsman, Honda, John Deere, MTD, Toro Models

1. PRODUCT OVERVIEW

This manual provides essential information for the installation, maintenance, and troubleshooting of your LESIONGO Traction Drive Belt. This belt is designed as a replacement part for various outdoor power equipment, ensuring proper power transmission for optimal machine performance.



Image 1: The LESIONGO Traction Drive Belt, coiled and presented with its product label.



Image 2: A close-up view of the belt's durable material and textured surface, designed for optimal grip and longevity.

2. COMPATIBILITY

This traction drive belt is a direct replacement for the following OEM numbers and is compatible with the listed models:

Replaces OEM Numbers:

- **Ariens/Gravely:** 07211200
- **Craftsman:** 511246
- **Gravely:** 010860, 20056800
- **Honda:** 23161-952771, M35
- **John Deere:** GC00081, PT15260
- **MTD:** 754-0356, 954-0356
- **Toro:** 1593, 18295

Compatible with Ariens Models:

- 926DLE, 926LE, 11528LE, 1332LE, 1128LE, 11526DLE, 8526LE
- SB936, SB936 LE, ST824 DLE, ST824 SLE, ST928 LE
- ST1024, ST1028, ST1028 SLE, ST1124 DLE, ST1128, ST1128 DLE
- RM626, RM728, RM828, RM828E, RM830, RM830E, RM832, RM832E
- RM1028E, RM1032, RM1032E, RM1132E, RM1128E, RM1130E
- RM1230E, RM12320E, RM1328, RM1330, RM1330E, RM1332E, RM8028E

Compatible with Gravely Models:

- PB936

3. INSTALLATION (SETUP)

Replacing a drive belt requires mechanical aptitude and adherence to safety precautions. Always refer to your equipment's specific service manual for detailed, model-specific instructions. The following are general guidelines:

1. **Safety First:** Ensure the equipment is turned off, spark plug wire is disconnected (for gasoline engines), and all moving parts have come to a complete stop. Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
2. **Access the Belt Area:** Depending on your equipment, this may involve removing covers, guards, or other components to gain access to the drive system.
3. **Relieve Tension:** Locate the tensioning mechanism (e.g., idler pulley, tension spring) and relieve tension on the old belt. This may require a wrench or lever.
4. **Remove Old Belt:** Carefully remove the worn or broken belt from the pulleys. Note its routing path for reference.
5. **Inspect Pulleys:** Before installing the new belt, inspect all pulleys for wear, damage, or debris. Clean any accumulated dirt

or rust. Ensure pulleys spin freely.

6. **Install New Belt:** Route the new LESIONGO traction drive belt exactly as the old one was routed. Ensure it sits correctly in all pulley grooves.
7. **Apply Tension:** Re-apply tension to the belt using the tensioning mechanism. The belt should be taut but not overly tight, allowing for slight deflection. Refer to your equipment's manual for proper tension specifications.
8. **Reassemble:** Reinstall any covers, guards, or components that were removed.
9. **Test Operation:** Reconnect the spark plug wire (if applicable). Start the equipment and test the drive system at a low speed in a safe, open area to ensure the belt operates smoothly and correctly. Listen for unusual noises.

Warning: Improper installation can lead to equipment malfunction, premature belt wear, or personal injury. If unsure, consult a qualified service technician.

4. OPERATING CONSIDERATIONS

Once installed, the traction drive belt is responsible for transmitting power from the engine to the drive wheels or auger system of your equipment. Proper operation relies on the belt's ability to maintain friction with the pulleys without slipping.

- **Smooth Engagement:** When engaging the drive, it should be smooth and consistent. Jerking or slipping indicates potential issues with belt tension or wear.
- **Consistent Power:** The equipment's drive system should maintain consistent power output during operation. Loss of power or intermittent movement can be a sign of belt slippage.
- **Avoid Overloading:** Operating equipment beyond its rated capacity can put excessive strain on the drive belt, leading to premature wear or failure.

5. MAINTENANCE

Regular inspection and maintenance extend the life of your traction drive belt and ensure reliable equipment operation.

- **Visual Inspection:** Periodically inspect the belt for signs of wear, such as cracks, fraying, glazing (shiny, hardened surface), or missing chunks. Replace the belt if any significant damage is observed.
- **Check Tension:** Ensure the belt maintains proper tension as specified in your equipment's manual. A loose belt can slip, causing loss of power and excessive heat, while an overly tight belt can strain bearings and reduce belt life.
- **Keep Clean:** Keep the belt and pulleys free from dirt, oil, grease, and debris. Contaminants can reduce friction and cause slippage or accelerated wear.
- **Storage:** If storing equipment for an extended period, consider relieving belt tension to prevent stretching or deformation.
- **Replacement Schedule:** Belts are wear items. Replace them according to your equipment manufacturer's recommended service intervals or at the first sign of significant wear.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Belt Slipping / Loss of Drive	<ul style="list-style-type: none">• Incorrect belt tension (too loose)• Worn or glazed belt• Oil/grease on belt or pulleys• Worn pulleys• Overloading equipment	<ul style="list-style-type: none">• Adjust belt tension• Replace belt• Clean belt and pulleys thoroughly• Inspect and replace worn pulleys• Reduce load on equipment

Problem	Possible Cause	Solution
Belt Squealing Noise	<ul style="list-style-type: none"> Loose belt Contaminated belt/pulleys Misaligned pulleys Worn belt 	<ul style="list-style-type: none"> Adjust belt tension Clean belt and pulleys Check pulley alignment (consult equipment manual) Replace belt
Premature Belt Wear / Breakage	<ul style="list-style-type: none"> Incorrect belt tension (too tight or too loose) Misaligned pulleys Damaged or rough pulleys Incorrect belt type/size Operating in extreme conditions 	<ul style="list-style-type: none"> Adjust belt tension Correct pulley alignment Repair or replace damaged pulleys Ensure correct belt part number is used Operate within equipment limits

7. SPECIFICATIONS

Attribute	Value
Product Type	Traction Drive Belt
Brand	LESIONGO
Width	3/8 inches (0.38")
Outer Length	35 inches
Item Weight	0.8 Pounds (approx. 12.8 ounces)
Compatible Devices	Various Ariens, Gravely, Craftsman, Honda, John Deere, MTD, Toro outdoor power equipment (e.g., snowblowers, tractors)

8. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your LESIONGO Traction Drive Belt, please contact the manufacturer directly through their official channels or the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims.

