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› [UpStart Components](#) /

› UpStart Components 119-8820 V-Belt Replacement Manual

UpStart Components LM-119-8820-DL60

UpStart Components 119-8820 V-Belt Replacement Manual

Model: LM-119-8820-DL60

Brand: UpStart Components

1. PRODUCT OVERVIEW

This document provides essential information for the installation, operation, and maintenance of the UpStart Components 119-8820 V-Belt. This V-belt is designed as a replacement part for the Toro 74775 (316000001-316999999) Timecutter Mx 5000 Riding Mower, specifically for 2016 models with a 50-inch deck drive system.

The V-belt is manufactured from premium quality material to ensure durability and reliable performance. It is designed for straightforward at-home installation. Always ensure to verify compatibility with your original part before installation. The dimensions of this belt are approximately 1/2 inch by 141-1/2 inches.



Figure 1: The UpStart Components 119-8820 V-Belt, shown coiled.

2. SAFETY INFORMATION

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

- **Disconnect Power:** Before performing any maintenance or installation, ensure the mower's engine is off, the spark plug wire is disconnected, and the parking brake is engaged to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including work gloves to protect your hands from sharp edges and pinch points, and safety glasses to protect your eyes.
- **Read Mower Manual:** Refer to your specific riding mower's owner's manual for detailed safety precautions and instructions related to deck and belt maintenance.
- **Secure Equipment:** Ensure the mower is on a flat, stable surface and properly supported if lifting is required.
- **Keep Area Clear:** Maintain a clean and well-lit work area, free from obstructions.

3. INSTALLATION (DECK DRIVE BELT)

This V-belt is a deck drive belt. The following steps outline a general procedure for replacing a riding mower deck drive belt. Specific steps may vary by mower model; consult your mower's manual for precise instructions.

1. **Prepare the Mower:** Ensure the mower is turned off, the spark plug wire is disconnected, and the parking brake is set. Allow the engine and deck to cool if recently operated.
2. **Access the Deck:** Depending on your mower model, you may need to remove the mower deck from the tractor or simply raise it to its highest position and remove any belt guards or covers to access the belt system.
3. **Document Belt Path:** Before removing the old belt, carefully observe or take a photo of its routing around all pulleys (engine, deck, idler, tensioner pulleys). This will be crucial for installing the new belt correctly.
4. **Release Tension:** Locate the tensioner pulley mechanism. You will typically need to release the tension on the old belt to remove it. This might involve pushing or pulling a lever, or loosening a bolt.
5. **Remove Old Belt:** Once tension is released, carefully unroute and remove the old V-belt from all pulleys. Inspect the pulleys for any damage or wear.
6. **Install New Belt:** Route the new UpStart Components 119-8820 V-Belt according to the path you documented. Ensure the belt is seated correctly in all pulley grooves.
7. **Apply Tension:** Re-engage the tensioner mechanism, ensuring the belt is taut but not overly tight. The belt should have a slight amount of play.
8. **Reassemble:** Replace any belt guards or covers that were removed. If the deck was removed, reattach it to the tractor.
9. **Test Operation:** Reconnect the spark plug wire. Start the mower and engage the deck at a low throttle in a safe, open area to ensure the belt operates smoothly without slipping or unusual noise. Disengage the deck and turn off the mower.



Figure 2: The V-belt with its identifying tag, useful for confirming the correct part.

4. OPERATING CONSIDERATIONS

Once the new V-belt is installed, proper operating practices will help ensure its longevity and efficient performance:

- **Smooth Engagement:** Engage the mower deck smoothly to avoid sudden shock loads on the belt.
- **Avoid Overloading:** Do not attempt to cut excessively tall or dense grass at high speeds, as this can strain the belt and lead to premature wear or breakage.
- **Listen for Changes:** Pay attention to any new noises (squealing, grinding) or vibrations during operation, which could indicate a belt issue.

5. MAINTENANCE

Regular inspection and maintenance will extend the life of your V-belt and ensure optimal mower performance:

- **Regular Inspection:** Periodically inspect the belt for signs of wear, such as cracks, fraying, glazing, or excessive stretching. Replace the belt if any significant damage is observed.
- **Check Tension:** Ensure the belt maintains proper tension. A belt that is too loose can slip, causing loss of power and excessive heat, while a belt that is too tight can strain pulleys and bearings.
- **Keep Clean:** Remove any grass clippings, dirt, or debris that may accumulate on the belt or pulleys. Cleanliness helps prevent premature wear and ensures proper grip.
- **Inspect Pulleys:** Check pulleys for proper alignment, wear, or damage. Misaligned or worn pulleys can significantly reduce belt life.



Figure 3: A close-up view of the V-belt's construction, highlighting its durable material.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Belt slipping or squealing	Incorrect tension (too loose), worn belt, glazed belt, oil/grease on belt/pulleys.	Adjust tension, clean belt/pulleys, replace belt if worn/glazed.
Excessive vibration or noise	Misaligned pulleys, worn bearings in pulleys, incorrect belt routing.	Check pulley alignment, inspect bearings, verify belt routing.

Problem	Possible Cause	Solution
Belt breaking prematurely	Incorrect belt size, misaligned pulleys, foreign object interference, excessive load, worn pulleys.	Verify belt dimensions, check pulley alignment, inspect for obstructions, avoid overloading, replace worn pulleys.
Deck not engaging or disengaging properly	Incorrect belt routing, tensioner mechanism issue, worn engagement cable/linkage.	Re-check belt routing, inspect tensioner, check engagement system.

7. SPECIFICATIONS

Key specifications for the UpStart Components 119-8820 V-Belt:

Manufacturer: UpStart Components

Item Model Number: LM-119-8820-DL60

Product Dimensions: 141.5 inches (Length) x 0.5 inches (Width)

Belt Style: V Belt

Compatible Devices: Exmark 119-8820, Stens 265-467, Toro 119-8820, Toro 74775 (316000001-316999999) Timecutter Mx 5000 Riding Mower (2016)

Compatible Lawn Mower Models: MTD 74775, Toro 119-8820



Figure 4: The V-belt from a different angle, showing its continuous loop design.

8. WARRANTY AND SUPPORT

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