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› Maxpower 347520 Premium Kevlar V-Belt Instruction Manual (1/2" x 77")

## Maxpower 347520

# Maxpower 347520 Premium Kevlar V-Belt Instruction Manual

Model: **347520** | Size: **1/2" x 77"**

## 1. PRODUCT OVERVIEW

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The Maxpower 347520 Premium V-Belt is engineered for heavy-duty applications, featuring reinforcement with DuPont Kevlar fiber cords. This design enhances durability and resistance to stretching, making it suitable for demanding environments such as outdoor power equipment and industrial machinery. The belt's fabric cover is designed to withstand severe clutching action, bending, and twisting, while also supporting heavy loads and backside idler applications. This specific model measures 1/2 inch in width and 77 inches in length.



Image 1.1: The Maxpower 347520 Premium Kevlar V-Belt, designed for durability and performance.

### Key Features:

- **Size:** 1/2" x 77"
- **Reinforcement:** DuPont Kevlar fiber cords for enhanced strength.
- **Heat Resistant:** Designed to withstand high temperatures during operation.
- **Application:** Suitable for outdoor power equipment and various industrial applications.

# MAXPOWER



◀ Reinforced with **DUPONT™ Kevlar®** fiber cords

◀ Fabric cover for **increased flexibility**

◀ **Heat resistant**

◀ Designed for **heavy duty** application



Image 1.2: Visual representation of the key features of Maxpower belts, including Kevlar reinforcement and heat resistance.

## 2. SAFETY INFORMATION

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

- **Disconnect Power:** Before attempting any installation or maintenance, ensure the equipment is turned off and disconnected from its power source (e.g., remove spark plug wire, disconnect battery).
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- **Consult Equipment Manual:** Refer to your equipment's original manufacturer's manual for specific belt routing diagrams and safety procedures.
- **Inspect Components:** Before installing a new belt, inspect pulleys, tensioners, and other related components for wear or damage. Replace any worn parts to ensure proper belt function and longevity.
- **Proper Tension:** Ensure the new belt is installed with the correct tension as specified by your equipment manufacturer. Incorrect tension can lead to premature belt wear or operational issues.

### 3. INSTALLATION GUIDE

This section provides general guidance for replacing a V-belt. Specific steps may vary depending on your equipment model. Always consult your equipment's service manual.

#### 3.1. Identifying the Correct Belt Size

If the original belt is broken or unreadable, you can determine the required length by measuring the old belt or using a string and tape measure around the pulley path.



Image 3.1: Steps for accurately measuring a V-belt to ensure proper replacement.

#### 3.2. Installation Steps

1. **Prepare Equipment:** Ensure the equipment is off, cooled down, and the power source is disconnected.
2. **Access Belt Area:** Depending on your equipment, you may need to remove guards, deck covers, or other components to access the belt and pulleys.
3. **Relieve Tension:** Locate the tensioning mechanism (e.g., idler pulley, spring) and relieve tension on the old belt.
4. **Remove Old Belt:** Carefully remove the old belt from all pulleys. Note its routing path for reference.

5. **Install New Belt:** Route the new Maxpower V-belt around the pulleys, following the same path as the old belt. Ensure it is seated correctly in all pulley grooves.
6. **Apply Tension:** Reapply tension to the belt using the tensioning mechanism. Check for proper alignment and tension.
7. **Reassemble:** Reinstall any removed guards or covers.
8. **Test Operation:** Slowly start the equipment and observe the belt's operation. Listen for unusual noises or signs of slipping.

### 3.3. Installation Video Reference

Video 3.2: A general guide on replacing a lawn mower Kevlar belt. This video is provided by a seller and offers visual assistance for belt installation. (Note: Specific equipment models may have unique installation procedures.)

## 4. OPERATION

Once installed, the Maxpower Kevlar V-belt is designed for reliable power transmission. To ensure optimal performance and longevity:

- **Initial Run-in:** After installation, operate the equipment at a lower speed for a short period to allow the belt to seat properly.
- **Avoid Overloading:** Do not exceed the recommended load capacity of your equipment, as this can stress the belt and lead to premature failure.
- **Listen for Changes:** Pay attention to any changes in noise or performance, which could indicate a belt issue.

## 5. MAINTENANCE

Regular maintenance helps extend the life of your Maxpower V-belt and ensures consistent equipment performance.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracking, fraying, glazing, or stretching. Replace the belt if any significant damage is observed.
- **Check Tension:** Verify belt tension regularly, especially after the first few hours of operation. Adjust as needed according to your equipment's specifications.
- **Keep Clean:** Remove any debris, grass clippings, oil, or grease from the belt and pulleys. Contaminants can cause slippage and accelerate wear.
- **Proper Storage:** If the equipment is stored for an extended period, consider relieving belt tension to prevent permanent stretching or deformation. Store spare belts in a cool, dry place away from direct sunlight and chemicals.

## 6. TROUBLESHOOTING COMMON ISSUES

This table outlines common issues related to V-belts, their potential causes, and recommended solutions.

Problem	Possible Cause	Solution
Belt Slipping	Incorrect tension (too loose), glazed belt, oil/grease on belt/pulleys, worn pulleys.	Adjust tension, clean belt/pulleys, replace belt, inspect/replace pulleys.

Problem	Possible Cause	Solution
Excessive Noise (Squealing/Screeching)	Incorrect tension, misaligned pulleys, worn belt, foreign object.	Adjust tension, check pulley alignment, replace belt, remove obstruction.
Premature Belt Wear/Breakage	Incorrect tension (too tight or too loose), misaligned pulleys, worn pulleys, improper belt type, excessive load.	Verify tension and alignment, replace worn components, ensure correct belt type, reduce load.
Vibration	Damaged belt, unbalanced pulleys, misaligned components.	Inspect and replace damaged belt, check pulleys for balance and alignment.

## 7. PRODUCT SPECIFICATIONS

Detailed specifications for the Maxpower 347520 Premium Kevlar V-Belt.

Specification	Detail
Brand	Maxpower
Model Number	347520
Product Dimensions (L x W)	77" x 0.5"
Material	Kevlar
Belt Style	V Belt
Compatible Devices	Lawn Mower, Outdoor Power Equipment, Industrial Equipment
Item Weight	7.4 ounces
Manufacturer	Maxpower
ASIN	B0126MS38A

## 8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Maxpower 347520 Premium Kevlar V-Belt, please contact Maxpower customer service directly. Refer to the packaging or the official Maxpower website for the most current contact details and warranty terms.

You can visit the official Maxpower store for more products and information: [Maxpower Store on Amazon](#).

