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Exmark 126-7890

Exmark 126-7890 Pulleys and Idler Kit Instruction Manual

For Commercial Walk-Behind Mowers

1. PRODUCT OVERVIEW

This document provides essential information for the installation, maintenance, and safe operation of the Exmark 126-7890 Pulleys and Idler Kit. This kit is a genuine Exmark factory part designed for specific commercial walk-behind mower models.

1.1 Kit Contents and Compatibility

The Exmark 126-7890 Pulleys and Idler Kit is a direct replacement for previous part numbers 126-0316, 131-4506, and 131-4509. It is compatible with Exmark Commercial and ECS180CKA30000 models. Always refer to your equipment's original owner's manual to verify correct part fitment based on sub-model, serial number, and production date.

The kit typically includes the necessary idler pulleys, mounting bracket, and associated fasteners for installation.



Figure 1.1: Overview of the Exmark 126-7890 Pulleys and Idler Kit components, including two pulleys and a mounting bracket.

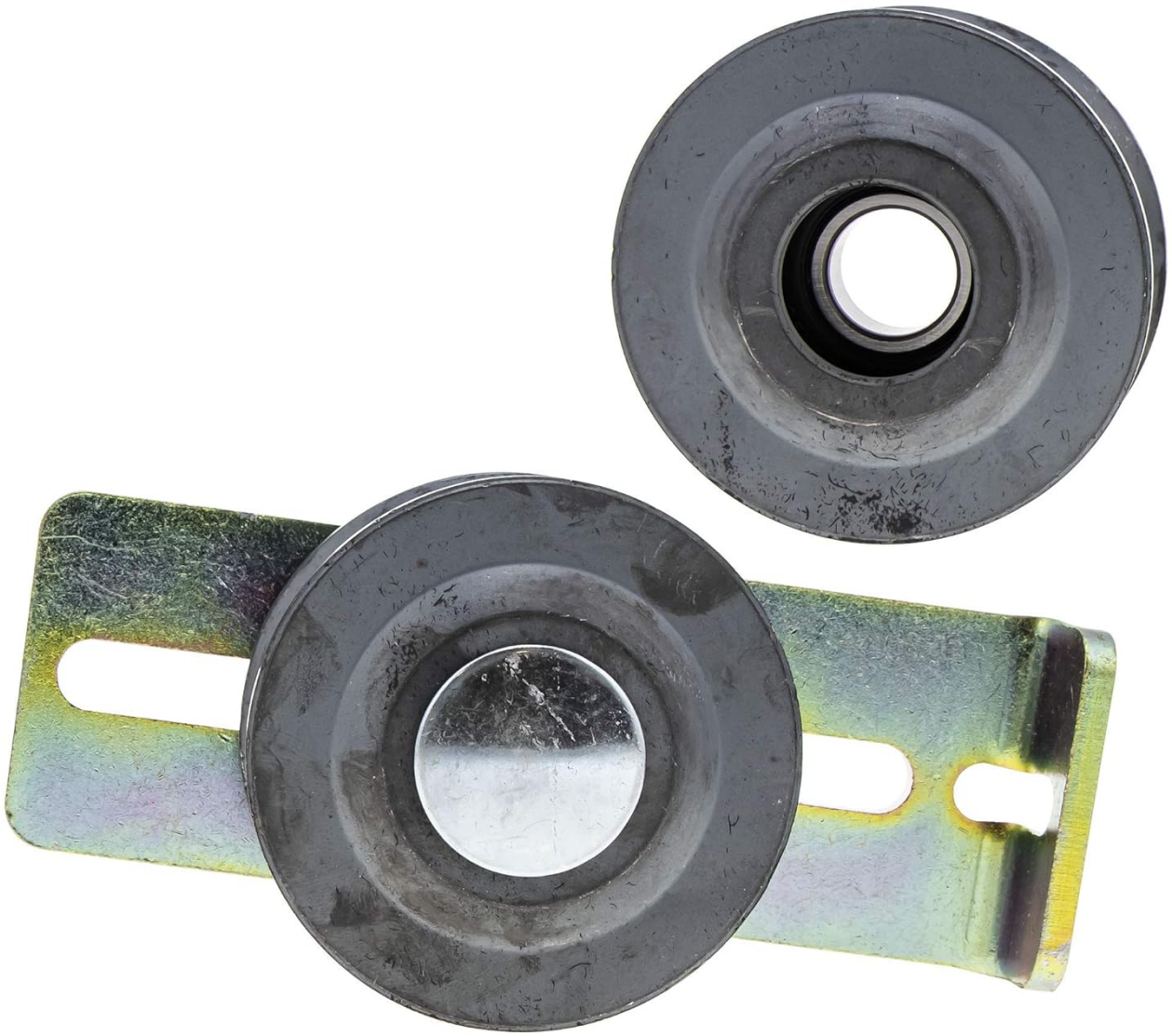


Figure 1.2: Top view of the idler pulleys and mounting bracket, showing the design and attachment points.



Figure 1.3: Various fasteners provided with the kit, including long bolts, shoulder bolts, washers, and a nut.

2. SAFETY INFORMATION

Always prioritize safety when working with power equipment. Read and understand all safety warnings in your mower's owner's manual before beginning any installation or maintenance procedures.

- **Disconnect Power:** Ensure the engine is off, the spark plug wire is disconnected, and the battery is disconnected (if applicable) before working on the mower.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- **Secure Equipment:** Place the mower on a stable, level surface and block the wheels to prevent accidental movement.
- **Use Correct Tools:** Utilize the proper tools for each task to avoid damage to parts or personal injury.
- **Refer to Mower Manual:** This kit is a component. Always consult your specific Exmark mower's service manual for detailed, model-specific installation and torque specifications.

3. INSTALLATION

The following are general steps for installing the Exmark 126-7890 Pulleys and Idler Kit. For precise, model-specific instructions, always refer to the service manual for your Exmark commercial walk-behind mower.

3.1 Preparation

1. Ensure the mower is turned off, cooled down, and all safety precautions from Section 2 are followed.
2. Clean the area around the existing pulleys and idler assembly to prevent debris from entering critical components.
3. Gather all necessary tools, including wrenches, sockets, and a torque wrench.

3.2 Removal of Old Components

1. Carefully observe and note the routing of the drive belts before removal. Taking a photograph can be helpful.
2. Loosen any tensioning mechanisms for the belts.
3. Remove the drive belts from the pulleys.
4. Unbolt and remove the existing idler pulleys and mounting bracket from the mower deck. Keep track of all fasteners.

3.3 Installation of New Kit

1. Position the new idler pulley bracket (included in the 126-7890 kit) onto the mower deck.
2. Secure the bracket using the provided fasteners. Ensure all bolts are started by hand to prevent cross-threading.
3. Install the new idler pulleys onto the bracket. Ensure bearings are properly seated.
4. Refer to your mower's service manual for specific torque values for all fasteners. Tighten all bolts to the manufacturer's recommended specifications using a torque wrench.
5. Reinstall the drive belts, following the correct routing.
6. Adjust belt tension according to your mower's service manual. Proper belt tension is critical for optimal performance and belt longevity.



Figure 3.1: Close-up view of an idler pulley, highlighting the integrated bearing for smooth operation.



Figure 3.2: Detailed view of the bolts, washers, and nut, emphasizing the importance of using correct hardware and torque specifications.

4. OPERATING CONSIDERATIONS

Once the Exmark 126-7890 Pulleys and Idler Kit is installed, proper operation of your mower relies on correct installation and maintenance. This kit ensures the drive belts maintain appropriate tension and alignment for efficient power transfer.

- **Initial Check:** After installation, manually rotate the mower blades (if safe to do so) to ensure free movement and proper belt tracking.
- **Test Run:** Start the engine and engage the blades in a safe, open area. Listen for unusual noises, vibrations, or belt slippage. If any issues are detected, immediately shut down the mower and re-inspect the installation.
- **Belt Tension:** Incorrect belt tension can lead to premature wear of belts and pulleys, or inefficient operation. Ensure tension is set according to your mower's manual.

5. MAINTENANCE

Regular inspection and maintenance of your Exmark 126-7890 Pulleys and Idler Kit will extend its lifespan and ensure reliable mower performance.

- **Visual Inspection:** Periodically inspect the pulleys and idler bracket for signs of wear, damage, or corrosion. Check for cracks, bends, or excessive play in the pulleys.
- **Bearing Check:** Spin each pulley by hand (with the engine off and spark plug disconnected) to check for smooth rotation. Any grinding, roughness, or excessive wobble indicates a worn bearing that may require replacement.
- **Cleanliness:** Keep the pulleys and surrounding area free of grass clippings, dirt, and other debris that can interfere with proper belt operation and cause premature wear.
- **Fastener Torque:** Occasionally check the tightness of all mounting bolts. Vibrations during operation can sometimes loosen fasteners.

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Video 5.1: This video from Exmark Manufacturing highlights the importance of using genuine Exmark Original Parts for maintenance and replacement, ensuring optimal performance and longevity for your equipment.

6. TROUBLESHOOTING

If you experience issues after installing the Exmark 126-7890 Pulleys and Idler Kit, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Excessive noise from pulley area	Worn pulley bearings, loose fasteners, debris in pulley.	Inspect pulleys for smooth rotation. Tighten all mounting bolts to specifications. Clean debris from around pulleys.
Belt slipping or coming off	Incorrect belt tension, misaligned pulleys, worn belt.	Adjust belt tension according to mower manual. Verify pulleys are correctly installed and aligned. Inspect and replace worn belts.
Vibration during operation	Loose components, damaged pulley, unbalanced blades (unrelated to kit but can be confused).	Check all fasteners for tightness. Inspect pulleys for damage. If vibration persists, check mower blades for balance and damage.

If troubleshooting does not resolve the issue, contact an authorized Exmark service dealer.

7. SPECIFICATIONS

Attribute	Detail
Part Number	126-7890
Replaces Part Numbers	126-0316, 131-4506, 131-4509
Brand	Exmark
Material	Metal
Product Dimensions (L x W)	10" x 10" (approximate for kit components)
Compatible Devices	Exmark Commercial, ECS180CKA30000 (and other compatible models)
Included Components	Idler Pulley (kit includes multiple components)
UPC	193308133171

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Exmark 126-7890 Pulleys and Idler Kit comes with a **90-day warranty** covering parts only. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the official Exmark warranty documentation or contact Exmark customer service.

8.2 Customer Support

For technical assistance, warranty claims, or to locate an authorized service dealer, please contact Exmark customer support or visit the official Exmark website. When contacting support, have your mower's model and serial number, as well as the part number (126-7890) of this kit, readily available.

Exmark Official Website: www.exmark.com