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› Youxmoto 54-inch Deck Rebuild Kit Instruction Manual (Model YXSGN097)

Youxmoto YXSGN097

Youxmoto 54-inch Deck Rebuild Kit Instruction Manual

Model: YXSGN097

INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of your Youxmoto 54-inch Deck Rebuild Kit. This kit is designed for specific Husqvarna and Craftsman lawn mowers, ensuring proper fit and function. Please read this manual thoroughly before beginning any procedures to ensure safe and effective use.

The kit includes 3 spindles (part numbers 187292, 192870, 532187281, 532187292, 532192870, 539112057, 587125401, 587253301, 587819701), 3 blades (part numbers 187256, 532187256, 539112053), 3 idler pulleys (part numbers 129861, 153535, 173436, 532129861, 532173436), and 1 deck belt (part numbers 196103, 53219610, 532196103, 587686701).

COMPATIBILITY

This 54-inch deck rebuild kit is compatible with various AYP, Husqvarna, and Craftsman lawn mower models. Please verify your mower's model number and existing part numbers before installation.

- **Husqvarna 54" Deck Models:** YTH 2454 T (2006-05), 2354 GXLS, 2754 GLS (960430047-00), 917.289640 (YTH 24 V 54), GTH2654T, LGT24K54, LGT2554, LGT2654, YTH2454.
- **Poulan 54" Deck Models:** PB26H54YT, PBGT26H54, PBGT22H54.
- **Craftsman 54" Deck Models:** Compatible with various Craftsman models requiring the specified part numbers.

Important: Always cross-reference the OEM part numbers provided in this manual with your existing components to ensure correct fitment.

KIT COMPONENTS

The Youxmoto 54-inch Deck Rebuild Kit includes the following components:

- **3 x Deck Spindles:** Height 7 1/5 inches (182.5mm). Replaces OEM part numbers: 187292, 192870, 532187281, 532187292, 532192870, 539112057, 587125401, 587253301, 587819701 (AYP/Husqvarna); 705048 (Snapper). Features a 5-point star shaped blade mount and pre-lubricated bearings. Made of high-quality aluminum alloy for durability and corrosion resistance.

- **3 x Blades:** Length 18 1/2 inches, Width 3 inches, Thickness 0.157 inches. Features a 5-point star center hole. Replaces OEM part numbers: 187256, 532187256, 539112053.
- **3 x Idler Pulleys:** Pulley Outer Diameter (OD) 5-3/16 inches (132mm). Replaces OEM part numbers: 129861, 153535, 173436, 532129861, 532173436.
- **1 x Deck Belt:** Length 147 1/2 inches, Width 5/8 inches. Replaces OEM part numbers: 196103, 53219610, 532196103, 587686701 (AYP/Husqvarna).
- **12 x Spindle Mounting Bolts:** For securing the spindles to the deck.

INCLUDES KIT



12* Spindle Mounting Bolts



1* 5/8" x 147 1/2" Deck Belt



3* Blades (Excluding blade nuts)



3* Deck Spindles

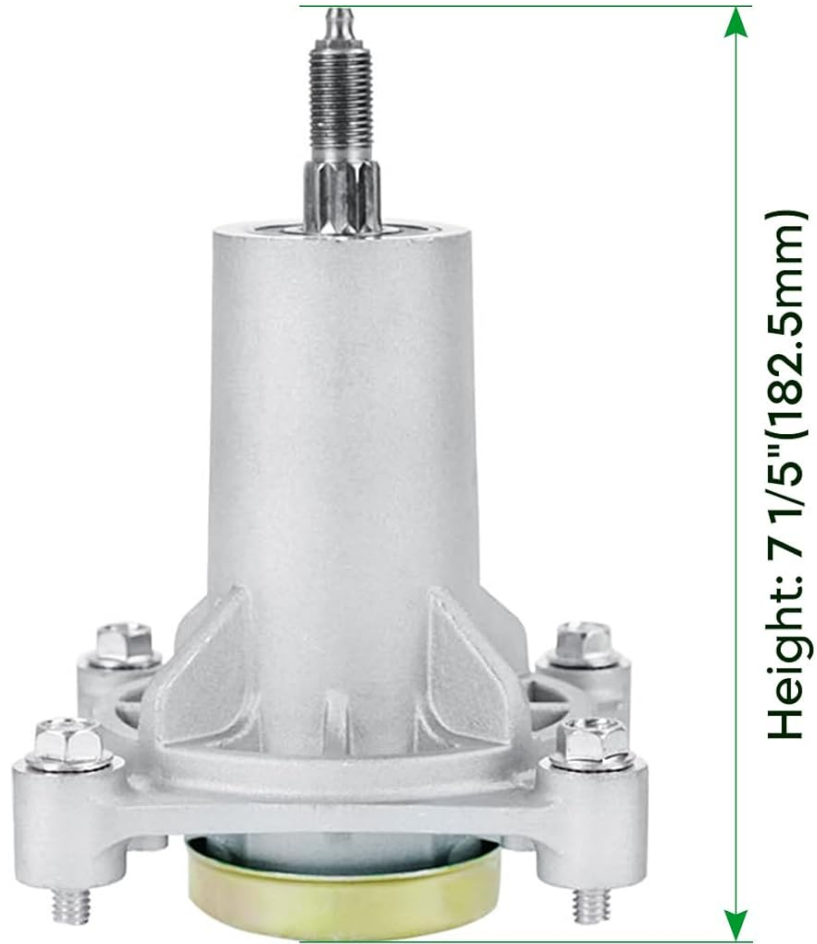


3* Idlers

Please check the original part numbers of all parts before purchasing

Figure 1: Overview of the Youxmoto 54-inch Deck Rebuild Kit components.

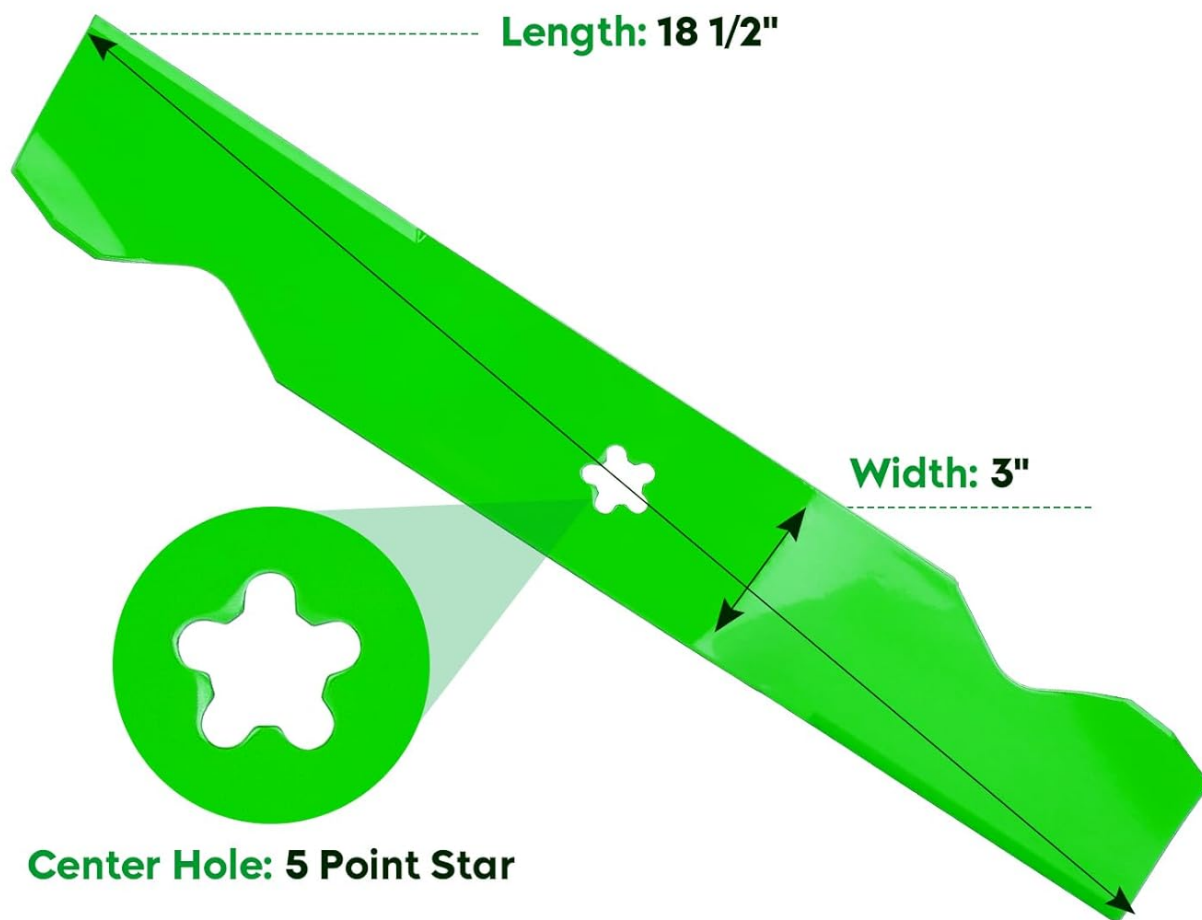
SPINDLE ASSEMBLY SPECIFICATION



Replace#: 187292,532187292, 532192870

Figure 2: Spindle Assembly Specification, highlighting its height and compatible OEM part numbers.

BLADES SPECIFICATION



Thickness: 0.157"

For Deck Size: 54" Deck

Replace#: 532187254, 532187256, 539112053

Figure 3: Blade Specification, detailing its dimensions and center hole type.

IDLER SPECIFICATION



Replace#: 129861,153535,173436

Figure 4: Idler Pulley Specification, detailing its outer diameter and compatible OEM part numbers.

DECK BELT SPECIFICATION

Length: 147 1/2"

Width 5/8"



Replace#: 196103, 532196103, 587686701

Figure 5: Deck Belt Specification, detailing its length, width, and compatible OEM part numbers.

SAFETY INFORMATION

Always prioritize safety when working with lawn mower components. Failure to follow safety instructions can result in serious injury.

- Disconnect the spark plug wire and remove the ignition key before performing any maintenance or installation.
- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Ensure the lawn mower is on a flat, stable surface and properly supported before working underneath it.
- Use the correct tools for each task.
- Handle sharp blades with extreme caution.
- Refer to your lawn mower's original owner's manual for specific safety guidelines related to your model.

SETUP AND INSTALLATION

This section outlines the general steps for replacing deck components. Specific procedures may vary slightly depending on your mower model. Refer to your mower's service manual for detailed instructions.

Tools Required:

- Socket wrench set
- Torque wrench
- Pry bar or similar tool (for belt removal/installation)
- Blade removal tool (optional, for safety)
- Grease gun (for spindle lubrication)

Procedure:

1. Preparation:

- Park the mower on a level surface.
- Engage the parking brake.
- Turn off the engine and remove the ignition key.
- Disconnect the spark plug wire to prevent accidental starting.
- Lower the mower deck to its lowest position.
- Remove the mower deck from the tractor according to your mower's manual.
- Clean the deck thoroughly to remove grass clippings and debris.

2. Blade Removal:

- Secure the blade from turning (e.g., with a block of wood or blade removal tool).
- Loosen and remove the blade nut and washer.
- Carefully remove the old blade. Repeat for all blades.

3. Spindle and Pulley Removal:

- Remove the deck belt from the pulleys. Note the belt routing for reinstallation.
- Remove the nut securing the idler pulley to the spindle shaft. Remove the old pulley.
- Unbolt the spindle assembly from the top of the mower deck (typically 4 bolts).
- Remove the old spindle assembly. Repeat for all spindles.

4. New Spindle and Pulley Installation:

- Position the new spindle assembly onto the deck, aligning the bolt holes.
- Insert the new spindle mounting bolts and tighten them securely. Refer to your mower's manual for specific torque specifications.
- Place the new idler pulley onto the spindle shaft and secure it with the provided nut. Tighten to specifications.
- Repeat for all spindles and pulleys.

Your browser does not support the video tag.

Video 1: Installation overview of a Youxmoto spindle assembly, demonstrating the process of securing the spindle and its components. This video highlights the quality and ease of installation for the spindle assembly.

5. New Blade Installation:

- Ensure the new blades are installed with the cutting edge facing the correct direction (usually indicated by an arrow or bevel).
- Place the blade onto the spindle shaft, ensuring the 5-point star hole aligns correctly.
- Install the washer and blade nut. Tighten the blade nut to the manufacturer's specified torque. Repeat for all blades.

6. Deck Belt Installation:

- Route the new deck belt around all pulleys according to your mower's belt diagram. Ensure the belt is properly seated in all pulley grooves.
- Verify that the belt is not twisted or pinched.

7. Final Steps:

- Reattach the mower deck to the tractor.
- Reconnect the spark plug wire.
- Test the mower in a safe, open area to ensure proper operation and cutting performance.

MAINTENANCE

Regular maintenance extends the life of your deck components and ensures optimal cutting performance.

- **Spindle Lubrication:** The spindles in this kit feature grease fittings (zerk fittings). Lubricate the spindles with appropriate grease every 25 hours of operation or annually, whichever comes first.
- **Blade Sharpening/Replacement:** Inspect blades regularly for sharpness and damage. Sharpen dull blades or replace bent/damaged blades to maintain cutting quality and prevent excessive vibration.
- **Belt Inspection:** Check the deck belt for cracks, fraying, or excessive wear. Replace the belt if any damage is observed or if it shows signs of slipping.
- **Deck Cleaning:** Clean the underside of the mower deck after each use to prevent grass buildup, which can affect cutting performance and promote rust.
- **Bolt Tightness:** Periodically check all mounting bolts for the spindles and blades to ensure they are securely tightened to the manufacturer's specifications.

TROUBLESHOOTING

This section addresses common issues you might encounter after installing the deck rebuild kit.

Problem	Possible Cause	Solution
Excessive vibration during operation	<ul style="list-style-type: none"> • Unbalanced or bent blade • Loose spindle mounting bolts • Damaged spindle bearings 	<ul style="list-style-type: none"> • Inspect and replace/balance blades. • Tighten spindle mounting bolts to specifications. • Inspect spindles for play; replace if bearings are worn.
Poor cutting quality (uneven cut, ragged edges)	<ul style="list-style-type: none"> • Dull or damaged blades • Incorrect blade installation • Grass buildup under deck 	<ul style="list-style-type: none"> • Sharpen or replace blades. • Ensure blades are installed with cutting edge facing down. • Clean the underside of the deck.
Belt slipping or coming off	<ul style="list-style-type: none"> • Incorrect belt routing • Worn or stretched belt • Loose idler pulley 	<ul style="list-style-type: none"> • Re-route belt according to diagram. • Replace the belt. • Tighten idler pulley nut.
Spindle making noise	<ul style="list-style-type: none"> • Lack of lubrication • Worn bearings 	<ul style="list-style-type: none"> • Lubricate spindles via zerk fittings. • If noise persists, bearings may be worn and spindle replacement is necessary.

SPECIFICATIONS

Feature	Detail
Product Model Number	YXSGN097
Brand	Youxmoto
Compatible Deck Size	54 inches
Spindle Height	7 1/5 inches (182.5mm)
Spindle Blade Mount	5-point star shaped
Blade Length	18 1/2 inches
Blade Width	3 inches
Blade Thickness	0.157 inches
Idler Pulley OD	5-3/16 inches (132mm)
Deck Belt Length	147 1/2 inches
Deck Belt Width	5/8 inches
Material	Aluminum (spindles)
Item Weight	21.8 pounds (total kit)
Product Dimensions (packaging)	147.5 x 0.63 x 0.04 inches (referring to belt dimensions)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Youxmoto 54-inch Deck Rebuild Kit, please refer to the manufacturer's official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Youxmoto

Amazon Seller: youxmoto

Amazon Brand Store: Visit Youxmoto Store

