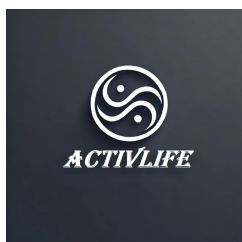


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› ACTIVLIFE Transmission Oil Filter User Manual for Craftsman 917.253710, 917.253711, 917.253712

ACTIVLIFE 539113466, 421186, 917.253710, 917.253711, 917.253712



ACTIVLIFE Transmission Oil Filter User Manual

For Craftsman Models 917.253710, 917.253711, 917.253712

INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of your ACTIVLIFE Transmission Oil Filter. This filter is designed to ensure optimal fluid flow and reliable transmission performance in compatible Craftsman lawn mowers and tractors, specifically models 917.253710, 917.253711, and 917.253712. Please read these instructions carefully before proceeding with installation or maintenance.

SAFETY INFORMATION

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

- Ensure the engine is off and cooled down before beginning any work.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Work in a well-ventilated area.
- Dispose of used oil and filters responsibly according to local regulations.
- Refer to your equipment's owner's manual for specific safety procedures and transmission fluid recommendations.

PRODUCT OVERVIEW

The ACTIVLIFE Transmission Oil Filter is a crucial component for maintaining the health and longevity of your mower's transmission system. It filters contaminants from the transmission fluid, ensuring smooth gear engagement and consistent performance. This filter is engineered for a precise fit and reliable operation with the specified Craftsman models.



Image 1: The ACTIVLIFE Transmission Oil Filter. This image shows the cylindrical filter with its gasket and threaded opening, designed for efficient fluid filtration.

SETUP AND INSTALLATION

Tools Required:

- Oil filter wrench
- Drain pan
- New transmission fluid (refer to your equipment manual for type and quantity)
- Clean rags
- Safety gloves and eye protection

Installation Steps:

1. **Prepare the Equipment:** Park the mower on a level surface. Ensure the engine is off and cool. Disconnect the spark plug wire.
2. **Locate the Filter:** Identify the existing transmission oil filter on your Craftsman mower. It is typically a cylindrical canister.
3. **Drain Fluid (if necessary):** If you are performing a full fluid change, place a drain pan beneath the transmission and drain the old fluid according to your mower's manual.
4. **Remove Old Filter:** Use an oil filter wrench to carefully loosen and remove the old transmission oil filter. Be prepared for some fluid to spill.
5. **Clean Mounting Surface:** Wipe the filter mounting surface on the transmission clean with a rag, ensuring no debris or old

gasket material remains.

6. **Prepare New Filter:** Apply a thin film of new transmission fluid to the rubber gasket of the ACTIVLIFE filter. This helps ensure a proper seal.
7. **Install New Filter:** Thread the new filter onto the transmission by hand. Once the gasket contacts the mounting surface, tighten it an additional 3/4 to 1 full turn. Do not overtighten.
8. **Refill Transmission Fluid:** If fluid was drained, refill the transmission with the recommended type and quantity of new fluid. Check the fluid level using the dipstick or sight glass, as specified in your mower's manual.
9. **Reconnect and Check:** Reconnect the spark plug wire. Start the engine and allow it to run for a few minutes. Check for any leaks around the new filter. Turn off the engine and recheck the fluid level, adding more if necessary.

POST-INSTALLATION CHECK AND OPERATION

After installing the new transmission oil filter, it is important to perform a final check to ensure proper function and prevent potential issues.

- **Leak Inspection:** Visually inspect the area around the filter for any signs of fluid leaks after the engine has run for a short period.
- **Fluid Level Verification:** Recheck the transmission fluid level after the engine has been run and then allowed to sit for a few minutes (refer to your mower's manual for exact procedure). Top up if necessary.
- **Test Operation:** Operate the mower briefly to confirm smooth transmission engagement and normal function. Listen for any unusual noises.

MAINTENANCE

Regular maintenance of your transmission oil filter is crucial for the longevity and performance of your equipment.

- **Replacement Schedule:** Always follow the transmission oil filter replacement schedule recommended in your Craftsman mower's owner's manual. This typically ranges from annually to every 100-200 operating hours, depending on usage and conditions.
- **Fluid Change:** It is often recommended to replace the transmission oil filter whenever the transmission fluid is changed.
- **Disposal:** Dispose of used oil filters and transmission fluid at an authorized recycling center or according to local environmental regulations. Do not discard with household waste.

TROUBLESHOOTING

If you experience issues after filter replacement, consider the following:

- **Fluid Leaks:**
 - *Cause:* Filter not tightened sufficiently, damaged gasket, or debris on mounting surface.
 - *Solution:* Ensure filter is tightened correctly (3/4 to 1 turn past gasket contact). Check gasket for damage and mounting surface for cleanliness.
- **Transmission Noise/Poor Performance:**
 - *Cause:* Incorrect fluid level, wrong fluid type, or air in the system.
 - *Solution:* Verify fluid level and type. Consult your mower's manual for bleeding procedures if air is suspected. If issues persist, consult a qualified technician.

SPECIFICATIONS

Feature	Detail
Brand	ACTIVLIFE
Compatible Craftsman Models	917.253710, 917.253711, 917.253712
Item Model Numbers	539113466, 421186
Product Dimensions	2 x 2 x 2 inches
Item Weight	5 pounds
Function	Ensures fluid flow and stable transmission operation by filtering contaminants.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your ACTIVLIFE Transmission Oil Filter, please refer to the product packaging or contact ACTIVLIFE customer service directly. Keep your purchase receipt as proof of purchase.

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Note: This manual is for informational purposes only. Always consult your equipment's official owner's manual for specific instructions and safety warnings.

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