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› WOSTOKE Oil Filter Housing Cap Replacement Manual for OEM Part Numbers 1564960, 1564965, 1589089, 31256837, 31259415, 7M5R-6C631-AB, 7M5R-6C631-AC, 7M5R-6C631-AD

WOSTOKE WS-A1616

WOSTOKE Oil Filter Housing Cap Replacement Manual

Model: WS-A1616 | Brand: WOSTOKE

INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of the WOSTOKE Oil Filter Housing Cap. This replacement part is designed to meet or exceed original equipment specifications, ensuring proper fit and function for compatible vehicles. Please review this manual thoroughly before proceeding with any installation or maintenance.

Important: Always verify the compatibility of this part with your vehicle's make, model, year, and existing OEM part numbers before purchase and installation. Refer to the OEM part numbers listed below for cross-reference.

- OEM Reference Numbers: 1564960, 1564965, 1589089, 31256837, 31259415, 7M5R-6C631-AB, 7M5R-6C631-AC, 7M5R-6C631-AD

PRODUCT OVERVIEW

The WOSTOKE Oil Filter Housing Cap is a critical component of your vehicle's oil filtration system. It secures the oil filter element within its housing, preventing leaks and ensuring that engine oil is properly filtered before circulating through the engine. This cap is manufactured to precise standards for a reliable seal and long service life.



Image 1: Top view of the WOSTOKE Oil Filter Housing Cap, showing the threaded section and hexagonal base.



Image 2: Angled view of the oil filter housing cap, highlighting the external threads for secure fastening.

INSTALLATION INSTRUCTIONS

Safety Precautions

- Ensure the engine is cool before starting work to avoid burns from hot oil or engine components.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Have a drain pan ready to collect any spilled oil.
- Consult your vehicle's service manual for specific torque specifications and procedures.

Required Tools

- Socket wrench or oil filter wrench compatible with the cap's hexagonal base.
- Torque wrench (recommended for proper tightening).
- Drain pan.
- Clean rags.

Step-by-Step Installation

1. **Locate the Oil Filter Housing:** Identify the oil filter housing on your vehicle's engine. It typically houses a cartridge-style oil filter.
2. **Prepare for Oil Drainage:** Place a suitable drain pan directly underneath the oil filter housing to catch any residual oil that may spill during removal.
3. **Remove the Old Cap:** Using the appropriate socket or oil filter wrench, carefully loosen and remove the existing oil filter

housing cap. Turn counter-clockwise.

4. **Remove Old Filter and O-rings:** Once the cap is removed, extract the old oil filter element. Also, remove any old O-rings from the cap and the housing.
5. **Clean the Housing:** Wipe down the oil filter housing and the surrounding area to remove any dirt or debris.
6. **Install New O-rings:** Lubricate the new O-rings (usually supplied with a new filter or the cap) with fresh engine oil and install them onto the new WOSTOKE Oil Filter Housing Cap in the correct grooves.
7. **Insert New Filter:** Place the new oil filter element into the housing, ensuring it is seated correctly.
8. **Install New Cap:** Carefully thread the new WOSTOKE Oil Filter Housing Cap onto the housing by hand to prevent cross-threading.
9. **Tighten the Cap:** Use the socket or oil filter wrench to tighten the cap. Refer to your vehicle's service manual for the exact torque specification. Overtightening can damage the cap or housing, while undertightening can lead to leaks.
10. **Check for Leaks:** Start the engine and let it run for a few minutes. Carefully inspect the area around the oil filter housing for any signs of oil leaks. If leaks are present, turn off the engine and re-check the cap's tightness and O-ring placement.



Image 3: Bottom view of the cap, showing the internal structure and threads that secure the oil filter element.



Image 4: Side view of the cap, displaying the OEM part number '7M5R-6C631 AD' molded into the plastic.

OPERATING PRINCIPLES

The oil filter housing cap's primary function is to seal the oil filter cartridge within its housing. This ensures that all engine oil passes through the filter element before returning to the engine, effectively removing contaminants such as dirt, metal particles, and sludge. A properly installed cap maintains the integrity of the oil filtration system, contributing to engine longevity and performance.

MAINTENANCE

The oil filter housing cap itself generally requires minimal maintenance beyond proper installation. However, it is crucial to:

- **Inspect During Oil Changes:** Each time the oil filter is replaced, inspect the cap for any signs of cracks, damage, or wear on the threads.
- **Replace O-rings:** Always replace the O-rings with new ones during every oil filter change to ensure a proper seal. Lubricate new O-rings with fresh engine oil before installation.
- **Clean:** Keep the cap and housing clean from debris to prevent contamination of the oil system.



Image 5: Top-down view of the oil filter housing cap, showing the hexagonal tightening point and the ribbed grip for handling.

TROUBLESHOOTING

Oil Leaks

- **Cause:** Improperly tightened cap, damaged O-rings, or incorrect O-ring placement.
- **Solution:** Turn off the engine. Allow it to cool. Re-check the cap's tightness using a torque wrench to the manufacturer's specification. Ensure O-rings are correctly seated and not pinched or damaged. Replace O-rings if necessary.

Difficulty Tightening/Loosening

- **Cause:** Cross-threading, damaged threads on the cap or housing, or excessive dirt/debris.
- **Solution:** If the cap does not thread smoothly by hand, do not force it. Remove the cap and inspect both the cap's threads and the housing's threads for damage. Clean any debris. If threads are damaged, replacement of the affected component may be necessary.

If you encounter persistent issues or are unsure about any step, it is recommended to seek assistance from a qualified automotive technician.

SPECIFICATIONS

Attribute	Value
Brand	WOSTOKE
Model Number	WS-A1616
Manufacturer Part Number	WS-A1616
OEM Reference Numbers	1564960, 1564965, 1589089, 31256837, 31259415, 7M5R-6C631-AB, 7M5R-6C631-AC, 7M5R-6C631-AD
Product Dimensions (L x W x H)	12 x 10 x 12 cm (approximately)
Compatible Vehicle Type	Car
UPC	733063942030

WARRANTY INFORMATION

This WOSTOKE Oil Filter Housing Cap comes with an **18-month unlimited mileage warranty**. This warranty covers defects in materials and workmanship under normal use and service. For warranty claims or further details, please contact customer support.

CUSTOMER SUPPORT

If you have any questions regarding the installation, operation, maintenance, or compatibility of your WOSTOKE Oil Filter Housing Cap, please do not hesitate to contact our customer support team. We are committed to providing satisfactory solutions in a timely manner.

Please have your product model number (WS-A1616) and any relevant OEM part numbers ready when contacting support to facilitate a quicker resolution.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question