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> Hengst H306W Spin-on Oil Filter User Manual

## Hengst H306W

# Hengst H306W Spin-on Oil Filter User Manual

Model: H306W

## INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the Hengst H306W Spin-on Oil Filter. Adhering to these guidelines will ensure optimal performance and longevity of your vehicle's engine lubrication system. Please read this manual thoroughly before installation.

## SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling engine oil and filters.
- Ensure the engine is cool before attempting any maintenance to prevent burns from hot oil or engine components.
- Dispose of used oil and filters responsibly according to local environmental regulations.
- Refer to your vehicle's service manual for specific oil change procedures and torque specifications.

## PRODUCT OVERVIEW

The Hengst H306W is a high-quality spin-on oil filter designed to remove contaminants from engine oil, ensuring clean oil circulates through the engine. This helps protect engine components from wear and extends engine life.





*Image: Hengst H306W Spin-on Oil Filter. This image shows the black cylindrical oil filter with the "Hengst" logo and*

"H306W Oil Filter" printed on its side.



Image: Hengst H306W Oil Filter with dimensions. This image displays the oil filter held by a hand, with measurement lines indicating a height of 12 inches (29 cm).

## SETUP AND INSTALLATION

Proper installation is crucial for the effective operation of the oil filter. Follow these steps carefully:

1. **Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. Allow the engine to cool completely. Locate the oil drain plug and the old oil filter.
2. **Drain Old Oil:** Place a suitable drain pan under the oil drain plug. Remove the drain plug and allow all the old engine oil to drain completely. Reinstall the drain plug with a new washer (if required) and tighten to the manufacturer's specifications.
3. **Remove Old Filter:** Position the drain pan under the old oil filter. Use an appropriate oil filter wrench to loosen and remove the old filter. Be prepared for residual oil to drain out.
4. **Prepare New Filter:** Apply a thin film of clean engine oil to the rubber gasket of the new Hengst H306W filter. This ensures a proper seal.
5. **Install New Filter:** Carefully thread the new filter onto the engine's filter mount. Turn it clockwise by hand until the gasket makes contact with the mounting surface.
6. **Tighten Filter:** Once the gasket makes contact, tighten the filter an additional 3/4 to 1 full turn by hand **Do not overtighten**, as this can damage the filter or the engine mount. Refer to your vehicle's service manual for specific torque recommendations if available.
7. **Add New Oil:** Refill the engine with the recommended type and quantity of new engine oil, as specified in your vehicle's owner's manual.
8. **Check for Leaks:** Start the engine and let it run for a few minutes. Check for any oil leaks around the new filter and the drain plug. Turn off the engine and recheck the oil level, adding more if necessary.

## OPERATION

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The Hengst H306W oil filter operates continuously while the engine is running, filtering contaminants from the engine oil. It is a passive component designed to maintain oil cleanliness, which is vital for engine health. No user interaction is required during its operational lifespan.

## MAINTENANCE

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The oil filter is a maintenance item that requires periodic replacement. Refer to your vehicle manufacturer's recommendations for oil and filter change intervals. Typically, oil filters should be replaced every time the engine oil is changed, or at least once a year, whichever comes first.

- **Replacement:** Always replace the oil filter with a new Hengst H306W filter or an equivalent filter that meets the vehicle manufacturer's specifications.
- **Disposal:** Used oil filters contain residual oil and should be disposed of properly. Many auto parts stores and service centers offer recycling services for used oil and filters. Do not discard in household waste.

## TROUBLESHOOTING

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If you encounter issues after installing the oil filter, consider the following:

- **Oil Leaks:**
  - Ensure the old gasket was completely removed from the engine block before installing the new filter. A double gasket will cause severe leaks.
  - Verify the new filter is tightened correctly (3/4 to 1 full turn after gasket contact). Overtightening or undertightening can cause leaks.
  - Check for cracks or damage to the filter housing or engine mount.
- **Low Oil Pressure Warning:**
  - Confirm the engine oil level is correct.
  - Ensure the correct filter was installed for your vehicle application. An incorrect filter might restrict oil flow.
  - If the warning persists, consult a qualified mechanic immediately.

## SPECIFICATIONS

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Feature	Specification
Brand	Hengst
Model	H306W
Type	Spin-on Oil Filter
Material	Plastic (housing, likely internal components are metal/paper)
Product Grade	Performance Part
Item Dimensions (L x W x H)	9.13 x 5.61 x 5.2 inches
Outside Diameter	13.22 Centimeters

Feature	Specification
Item Weight	1.65 pounds (0.75 Kilograms)
Manufacturer Part Number	H306W
OEM Part Numbers	1329214C1, HF28929, P165876, PL 270 x

## WARRANTY INFORMATION

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Hengst Filtration products are manufactured to high-quality standards. For specific warranty details regarding the H306W oil filter, please refer to the official Hengst Filtration website or contact their customer support directly. Warranty terms typically cover manufacturing defects under normal use and service.

## SUPPORT AND CONTACT

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For technical assistance, product inquiries, or further information, please contact Hengst Filtration through their official channels:

- **Website:** Visit the official Hengst Filtration website for comprehensive product information and support resources.
- **Customer Service:** Refer to the contact section on the Hengst Filtration website for phone numbers or email addresses specific to your region.

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*Disclaimer: This manual is intended for informational purposes only. Always consult a qualified professional for vehicle maintenance and repairs.*