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## Kawasaki kaw-392

# Kawasaki VULCAN 900 CUSTOM Oil Change Kit Instruction Manual

Model: kaw-392

## INTRODUCTION

This manual provides detailed instructions for performing an oil change on your 2009 Kawasaki VULCAN 900 CUSTOM motorcycle using the Kawasaki Oil Change Kit (Model: kaw-392). Regular oil changes are crucial for maintaining engine performance and longevity. Please read all instructions carefully before beginning the procedure.

## SAFETY INFORMATION

- Always ensure the motorcycle is on a stable, level surface before starting any maintenance.
- Allow the engine to cool down sufficiently before draining oil to prevent burns. However, a slightly warm engine allows oil to drain more completely.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Used engine oil is a hazardous waste. Dispose of it responsibly at an authorized recycling center. Do not pour it down drains or onto the ground.
- Keep new oil and tools away from children and pets.

## KIT CONTENTS

The Kawasaki VULCAN 900 CUSTOM Oil Change Kit typically includes the following items:

- Engine Oil (e.g., 4 Quarts of 10W-40)
- Oil Filter
- Drain Plug Washer



Image: Typical contents of the Kawasaki VULCAN 900 CUSTOM Oil Change Kit, showing bottles of engine oil and a new oil filter.

## SETUP (PRE-OPERATION)

### Required Tools and Materials (Not included in kit):

- Wrench for drain plug (refer to your motorcycle's service manual for specific size)
- Oil filter wrench
- Drain pan (capacity of at least 4 quarts)
- Funnel
- Clean rags
- Torque wrench (optional, but recommended for drain plug and filter)

### Motorcycle Preparation:

1. Park the motorcycle on a firm, level surface. Use a center stand or paddock stand if available to ensure stability.
2. Run the engine for a few minutes to warm the oil, then shut it off. This helps the oil drain more easily.
3. Place the drain pan directly beneath the engine's oil drain plug.

## OPERATING (OIL CHANGE PROCEDURE)

1. **Drain Old Oil:** Locate the engine oil drain plug, typically on the bottom of the engine. Using the correct wrench, carefully loosen and remove the drain plug. Allow all the old oil to drain completely into the drain pan. This may take several minutes.
2. **Replace Drain Plug Washer:** Once the oil has drained, clean the drain plug. Replace the old drain plug washer with the new one provided in the kit. This new washer ensures a proper seal and prevents leaks. Reinstall the drain plug and tighten it to the manufacturer's specified torque (refer to your motorcycle's service manual).

3. **Remove Old Oil Filter:** Locate the oil filter. Place a small drip pan or rags underneath the filter to catch any residual oil. Use an oil filter wrench to loosen and remove the old oil filter. Be prepared for some oil to spill.
4. **Prepare and Install New Oil Filter:** Apply a thin film of new engine oil to the rubber gasket of the new oil filter. This helps create a good seal. Screw the new oil filter onto the engine by hand until the gasket makes contact with the engine. Then, tighten it an additional 1/2 to 3/4 turn (or according to the filter manufacturer's instructions) using the oil filter wrench. Do not overtighten.
5. **Add New Engine Oil:** Locate the oil filler cap, usually on the side of the engine. Remove the cap and place a funnel into the opening. Slowly pour the new engine oil from the kit into the engine. Refer to your motorcycle's service manual for the exact oil capacity. The kit typically provides 4 quarts of 10W-40 oil.
6. **Check Oil Level:** After adding the oil, reinstall the oil filler cap. Start the engine and let it idle for a few minutes to circulate the new oil. Check for any leaks around the drain plug and oil filter. Shut off the engine and wait a few minutes for the oil to settle. Check the oil level using the dipstick or sight glass (refer to your motorcycle's manual for the correct procedure and level indicators). Add more oil if necessary, but do not overfill.

## MAINTENANCE (POST-OPERATION)

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### Disposal of Used Oil and Filter:

- Carefully pour the used engine oil from your drain pan into an empty, sealable container (e.g., the empty oil bottles from the kit).
- Take the sealed container of used oil and the old oil filter to an authorized oil recycling center or automotive parts store that accepts used oil. Never dispose of used oil in household trash, down drains, or on the ground.

### Cleanup:

- Clean up any oil spills immediately using absorbent rags or cat litter.
- Wash your hands thoroughly with soap and water after handling used oil.

## TROUBLESHOOTING

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- **Oil Leak After Change:**
  - Check the drain plug for proper tightening and ensure the new washer was installed correctly.
  - Check the oil filter for proper tightening and ensure the gasket is seated correctly and not pinched.
  - Ensure the oil filler cap is securely tightened.
- **Incorrect Oil Level:**
  - If too low, add oil slowly until the correct level is reached.
  - If too high, drain a small amount of oil until the correct level is reached. Overfilling can cause engine damage.

## SPECIFICATIONS

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Component	Specification
Engine Oil Viscosity	10W-40
Engine Oil Volume	4 Quarts (approximate, refer to motorcycle manual for exact capacity)
Kit Model Number	kaw-392

Component	Specification
Compatible Vehicle	2009 Kawasaki VULCAN 900 CUSTOM

## WARRANTY AND SUPPORT

This oil change kit is designed for the specified Kawasaki motorcycle model. For specific warranty information regarding the components of this kit, please refer to the individual product packaging or contact Kawasaki customer support directly. For detailed service procedures beyond an oil change, always consult your official Kawasaki VULCAN 900 CUSTOM service manual or a certified Kawasaki technician.

For further assistance or inquiries, please visit the official Kawasaki website or contact their customer service department.

