

Kawasaki KAW52

Kawasaki Mule PRO FX FXT FXR Full Service Kit KAW52 Instruction Manual

Models: 2015-2025 Kawasaki Mule PRO FX, FXT, FXR Series

1. INTRODUCTION

This instruction manual provides guidance for the proper use and application of the Kawasaki OEM Full Service Kit KAW52. This kit is designed to facilitate routine maintenance for specified Kawasaki Mule PRO FX, FXT, and FXR models, ensuring optimal performance and longevity of your vehicle. Adherence to these instructions, in conjunction with your vehicle's official service manual, is recommended.

2. KIT CONTENTS

The Kawasaki OEM Full Service Kit KAW52 includes the following components:

- 3 x Kawasaki Engine Oil (Part Number: K61027-300-01Q, SAE 10W-40 Semi Synthetic)
- 3 x Kawasaki Gear Oil (Part Number: K6103G-103-01Q, SAE 80W-90 with Limited Slip Additive)
- 1 x Kawasaki Oil Filter (Part Number: 16097-0010)
- 1 x Kawasaki O-Ring (Part Number: 11061-0962)
- 1 x Pair of Nitrile Green Gloves (Part Number: 99969-3837)
- 1 x Kawasaki Engine Oil Funnel (Part Number: 99969-3835)



This image displays the complete contents of the Kawasaki Full Service Kit. Visible are three silver bottles of SAE 10W-40 semi-synthetic engine oil, three black bottles of SAE 80W-90 gear oil with limited slip additive, a black oil filter with screw thread 3/4"-16, and a small copper washer.

3. VEHICLE COMPATIBILITY

This service kit is compatible with the following Kawasaki Mule PRO models:

- 2016-2025 Kawasaki Mule PRO FX 820
- 2015-2023 Kawasaki Mule PRO FXT
- 2018-2023 Kawasaki Mule PRO FXR

Note: Always verify compatibility with your specific vehicle's model year and engine size by consulting your official Kawasaki service manual before performing any maintenance.

4. SERVICE PROCEDURE

4.1. Safety Precautions

- Ensure the vehicle is on a level surface and the engine is cool before starting any service.
- Engage the parking brake and place the transmission in neutral.
- Wear appropriate personal protective equipment, including the provided gloves and eye protection.
- Dispose of used oil and filters responsibly according to local regulations.

4.2. Required Tools (Not Included)

- Drain pan for used oil

- Socket wrench set (for drain plugs and oil filter removal)
- Torque wrench
- Clean rags or shop towels

4.3. Engine Oil Change

1. Locate the engine oil drain plug and place a drain pan underneath.
2. Remove the drain plug and allow the old engine oil to drain completely.
3. Once drained, clean the drain plug and reinstall it, tightening to the manufacturer's specified torque.
4. Locate the old oil filter. Use an appropriate wrench to remove it. Be prepared for residual oil to drain.
5. Apply a thin coat of new engine oil to the rubber gasket of the new Kawasaki oil filter (Part Number: 16097-0010).
6. Install the new oil filter by hand until the gasket contacts the mounting surface, then tighten an additional 1/2 to 3/4 turn. Do not overtighten.
7. Remove the engine oil fill cap. Using the provided funnel, slowly add the new Kawasaki SAE 10W-40 Semi Synthetic engine oil. Refer to your vehicle's service manual for the exact oil capacity.
8. After adding oil, replace the fill cap. Start the engine and let it run for a few minutes to circulate the new oil. Check for any leaks around the drain plug and oil filter.
9. Turn off the engine, wait a few minutes for the oil to settle, then check the oil level using the dipstick. Add more oil if necessary to reach the full mark.

4.4. Gear Oil Change (Front and Rear Differentials)

1. Locate the drain and fill plugs for both the front and rear differentials. Place a drain pan underneath.
2. Remove the drain plugs and allow the old gear oil to drain completely.
3. Clean the drain plugs and reinstall them, tightening to the manufacturer's specified torque.
4. Remove the fill plugs. Using a suitable pump or syringe, fill the differentials with the new Kawasaki SAE 80W-90 Gear Oil with Limited Slip Additive. Fill until the oil level reaches the bottom edge of the fill hole.
5. Reinstall the fill plugs, tightening to the manufacturer's specified torque.

Important: Fluid capacities and specific procedures can vary by vehicle model and year. Always consult your Kawasaki Mule's official service manual for precise instructions and fluid volumes.

5. SPECIFICATIONS

Component	Specification
Engine Oil Type	SAE 10W-40 Semi Synthetic
Gear Oil Type	SAE 80W-90 with Limited Slip Additive
Oil Filter Thread	3/4"-16
Manufacturer Part Numbers (Kit Components)	99969-3842, K61030-007A (superseded)
Kit Item Weight	Approximately 12 pounds

6. TROUBLESHOOTING

6.1. Oil Quantity Discrepancies

Some users have reported that the provided oil quantity may not be sufficient for certain Kawasaki Mule models, particularly the PRO FXT 1000, which may require more than 3 quarts of engine oil. Always consult your specific vehicle's service manual for the exact fluid capacities required for your model and engine size. If the kit's quantity is insufficient, purchase additional OEM-specified fluids as needed.

6.2. Oil Filter Fitment Issues

Reports indicate that the oil filter in the kit may not fit all specified models, particularly newer models like the 2024/2025 Kawasaki Mule PRO FXT 1000. Before beginning the service, compare the new filter (Part Number: 16097-0010) with the filter currently installed on your vehicle to ensure proper fitment and thread compatibility. If the filter does not match, obtain the correct OEM oil filter for your specific model.

6.3. Leaks After Service

If leaks occur after completing the service, immediately stop the engine and investigate the source. Common causes include:


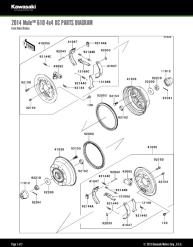


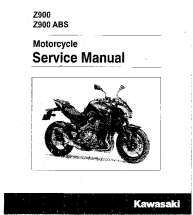

- Drain plugs not tightened to specification or missing crush washers.
- Oil filter not tightened correctly or a damaged gasket.
- Damaged O-ring (Part Number: 11061-0962) during installation.

Ensure all components are properly seated and torqued. If leaks persist, consult a qualified service technician.

7. WARRANTY AND SUPPORT

For information regarding the warranty of this Kawasaki OEM Full Service Kit or for technical support, please refer to the official Kawasaki Motors Corp., U.S.A. website or contact an authorized Kawasaki dealer. Always retain your proof of purchase for warranty claims.

Official Kawasaki resources can be found at www.kawasaki.com.

	<p>Kawasaki ATV Service Manuals: Comprehensive Guide</p> <p>A collection of Kawasaki ATV service manuals covering various models from 1987 to 2010, including Mojave, Lakota, KFX, Brute Force, Mule, and Teryx. These manuals provide detailed repair, maintenance, and troubleshooting information.</p>
	<p>2014 Kawasaki Mule 610 4x4 XC Front Hubs/Brakes Parts Diagram and List</p> <p>This document provides a detailed parts diagram and a comprehensive parts list for the front hubs and brakes of the 2014 Kawasaki Mule 610 4x4 XC. It includes item names, part numbers, and quantities for each component, aiding in maintenance and replacement.</p>
	<p>Kawasaki KX125 KX250 Motorcycle Service Manual Maintenance & Repair Guide</p> <p>Comprehensive service manual for Kawasaki KX125 and KX250 motorcycles. Provides detailed information on maintenance, repair procedures, specifications, safety instructions, and troubleshooting for owners and mechanics.</p>
	<p>Kawasaki Mule 610/600 Full Cab Enclosure: Installation and Care Guide</p> <p>Detailed instructions for installing and caring for the Kawasaki Mule 610/600 Full Cab Enclosure (Model KAW-610-FC01). Covers preparation, step-by-step installation, cleaning, and storage recommendations for UTV owners.</p>
	<p>Kawasaki Z900 & Z900 ABS Motorcycle Service Manual</p> <p>Comprehensive service manual for the Kawasaki Z900 and Z900 ABS motorcycles, covering maintenance, troubleshooting, specifications, and repair procedures.</p>
	<p>Kawasaki Ninja 400 Owner's Manual</p> <p>Comprehensive owner's manual for the Kawasaki Ninja 400 motorcycle, detailing safe operation, maintenance schedules, specifications, and troubleshooting tips for optimal performance and longevity.</p>