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Hicello Oil Pump

Hicello Chainsaw Oil Pump Replacement Manual

Model: Oil Pump (Compatible with Chinese Chainsaw 4500, 5200, 5800, 45CC, 52CC, 58CC)

1. Product Overview

This manual provides essential information for the Hicello Replacement Oil Pump, designed for various Chinese chainsaw models. This high-quality aftermarket part ensures reliable lubrication for your chainsaw's bar and chain, crucial for optimal performance and longevity.

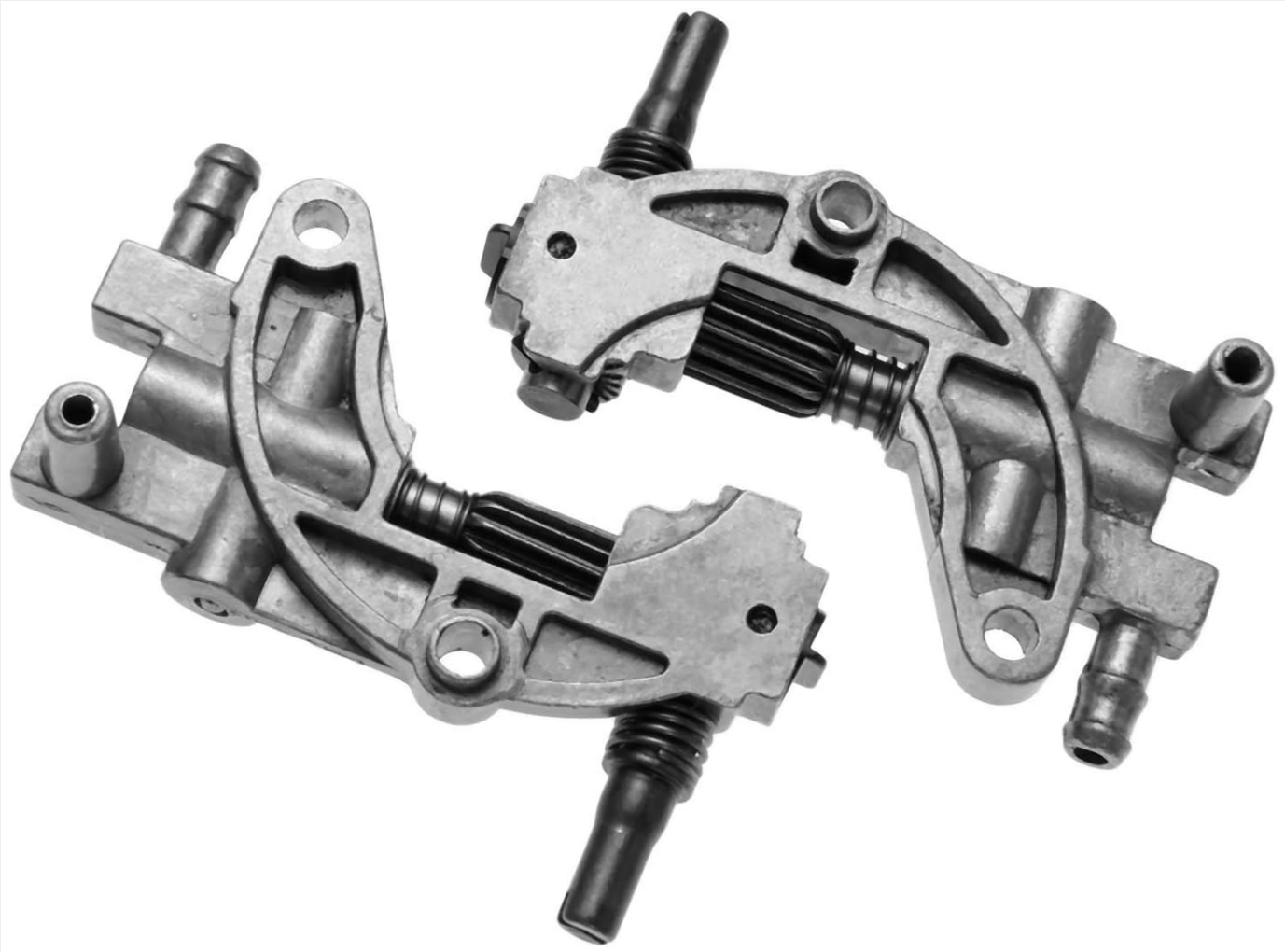


Figure 1.1: Overview of the Hicello Chainsaw Oil Pump. This image displays the complete oil pump assembly, highlighting its metallic construction and key

components.

2. Safety Information

Always prioritize safety when working with power tools and replacement parts. Chainsaws are powerful machines that can cause serious injury if not handled correctly. Read and understand your chainsaw's original instruction manual before attempting any repairs or part replacements.

- **Disconnect Power:** Always ensure the chainsaw's engine is off and the spark plug cap is disconnected before beginning any work.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE) including safety glasses, gloves, and sturdy footwear.
- **Work in a Well-Ventilated Area:** If using cleaning solvents, ensure adequate ventilation.
- **Professional Installation Recommended:** If you are unsure about the replacement process, seek assistance from a qualified technician.
- **Handle with Care:** The oil pump contains small, delicate parts. Handle it carefully to avoid damage.

3. Package Contents

Verify that all items are present and undamaged upon opening the package.

- 1 x Hicello Chainsaw Oil Pump (compatible with 45CC, 52CC, 58CC Chinese Chainsaws)

Note: All dimensions are measured by hand; slight deviations may occur. The color of the product may vary slightly due to individual monitor settings.

4. Features and Compatibility

4.1 Key Features

- **High-Quality Material:** Constructed from durable metal for stable performance and high reliability.
- **Original Specification Compliance:** Designed to meet or exceed the original equipment specifications.
- **Perfect Fit:** Engineered for a precise match with compatible chainsaw models.
- **Easy Installation:** Designed for straightforward replacement.

4.2 Compatibility

This replacement oil pump is specifically designed for various Chinese chainsaw models, including but not limited to:

- Chainsaw 4500 series
- Chainsaw 5200 series
- Chainsaw 5800 series
- Chainsaws with 45CC engines
- Chainsaws with 52CC engines
- Chainsaws with 58CC engines

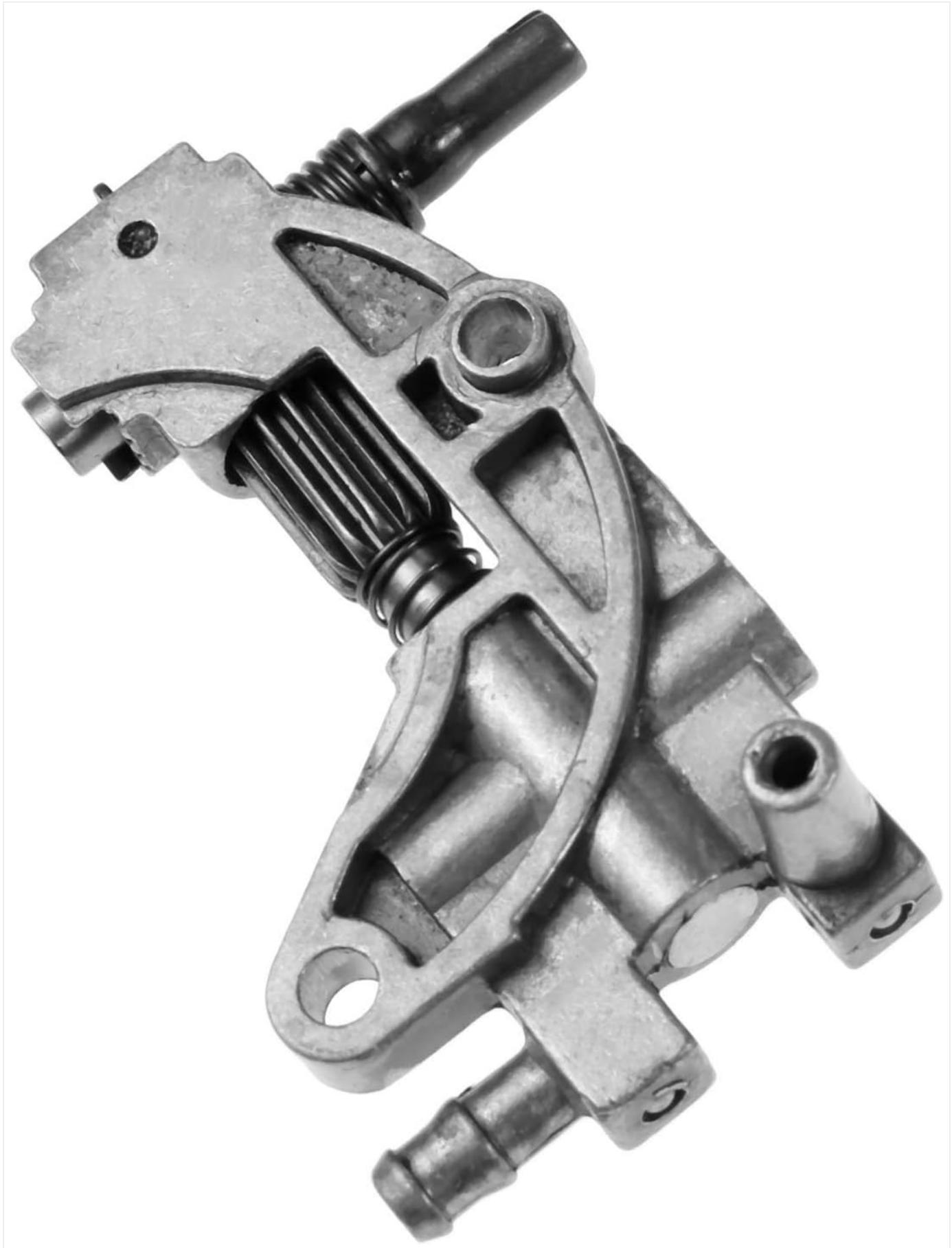




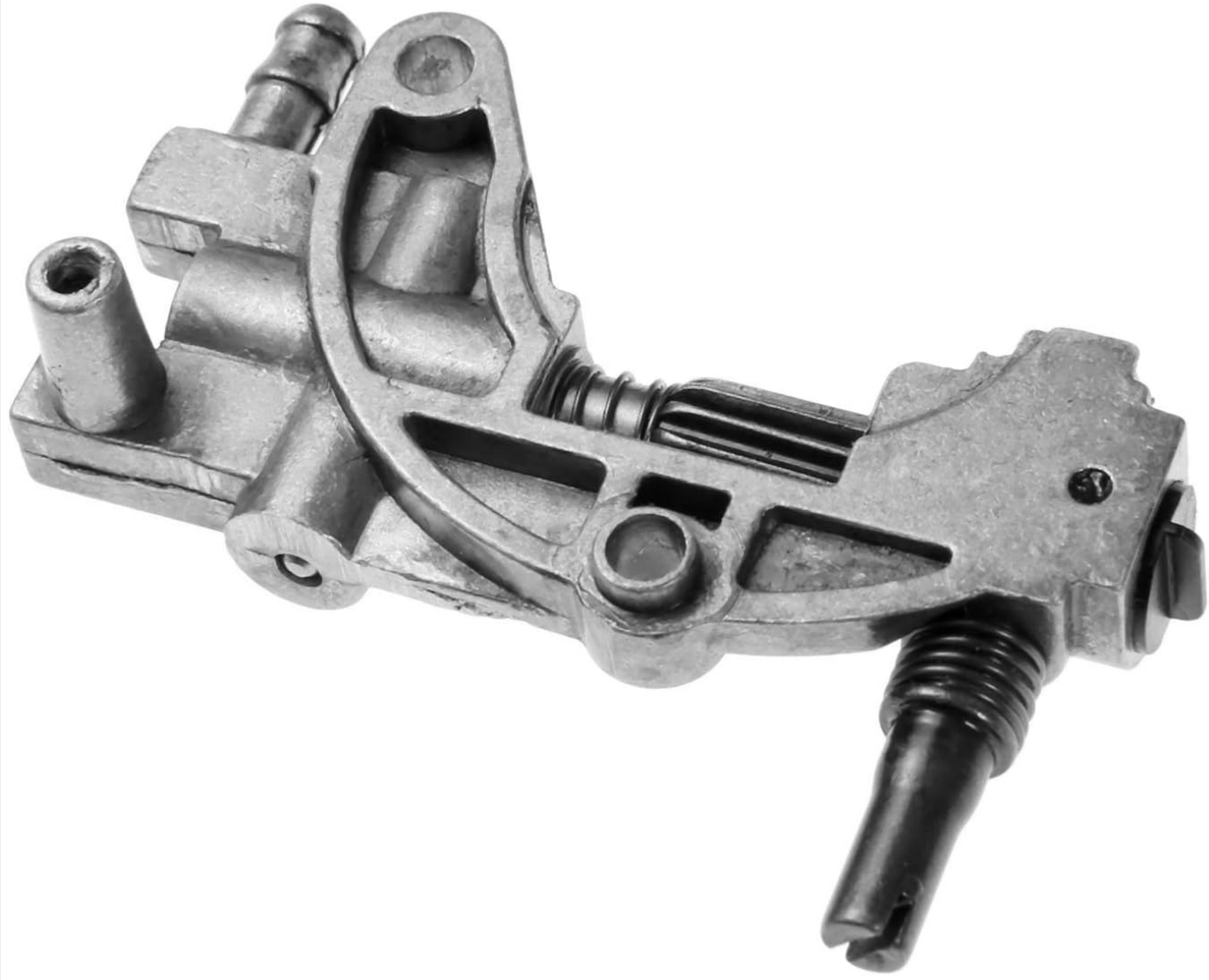
Figure 4.1: Various angled views of the oil pump, showcasing its intricate design and connection points, essential for ensuring proper fit and function within compatible chainsaw models.

5. Installation Guide

Replacing a chainsaw oil pump requires mechanical aptitude. If you are not comfortable performing this task, it is highly

recommended to consult a professional chainsaw repair technician. The following steps are general guidelines and may vary depending on your specific chainsaw model.

1. **Prepare the Chainsaw:** Ensure the chainsaw is cool, the engine is off, and the spark plug cap is disconnected to prevent accidental starting. Drain any remaining oil from the oil tank.
2. **Access the Oil Pump:** Depending on your chainsaw model, you may need to remove the clutch cover, clutch, and/or other components to gain access to the oil pump. Refer to your chainsaw's service manual for specific instructions.
3. **Remove the Old Oil Pump:** Carefully disconnect any oil lines or gears attached to the old pump. Note their orientation for reassembly. Remove the mounting screws or clips securing the old pump and gently pull it out.
4. **Inspect and Clean:** Before installing the new pump, inspect the surrounding area for any debris, old oil residue, or damaged components. Clean the area thoroughly.
5. **Install the New Oil Pump:** Position the new Hicello oil pump into place, ensuring all gears and connections align correctly. Secure it with the mounting screws or clips. Reconnect any oil lines, ensuring they are firmly attached and not kinked.
6. **Reassemble the Chainsaw:** Reattach any components that were removed to access the pump (e.g., clutch, clutch cover). Ensure all screws are tightened to the manufacturer's specifications.
7. **Test the System:** Fill the oil tank with appropriate bar and chain oil. Reconnect the spark plug cap. Start the chainsaw and observe the oil flow to the bar and chain. Ensure there are no leaks and the oiling system is functioning correctly.



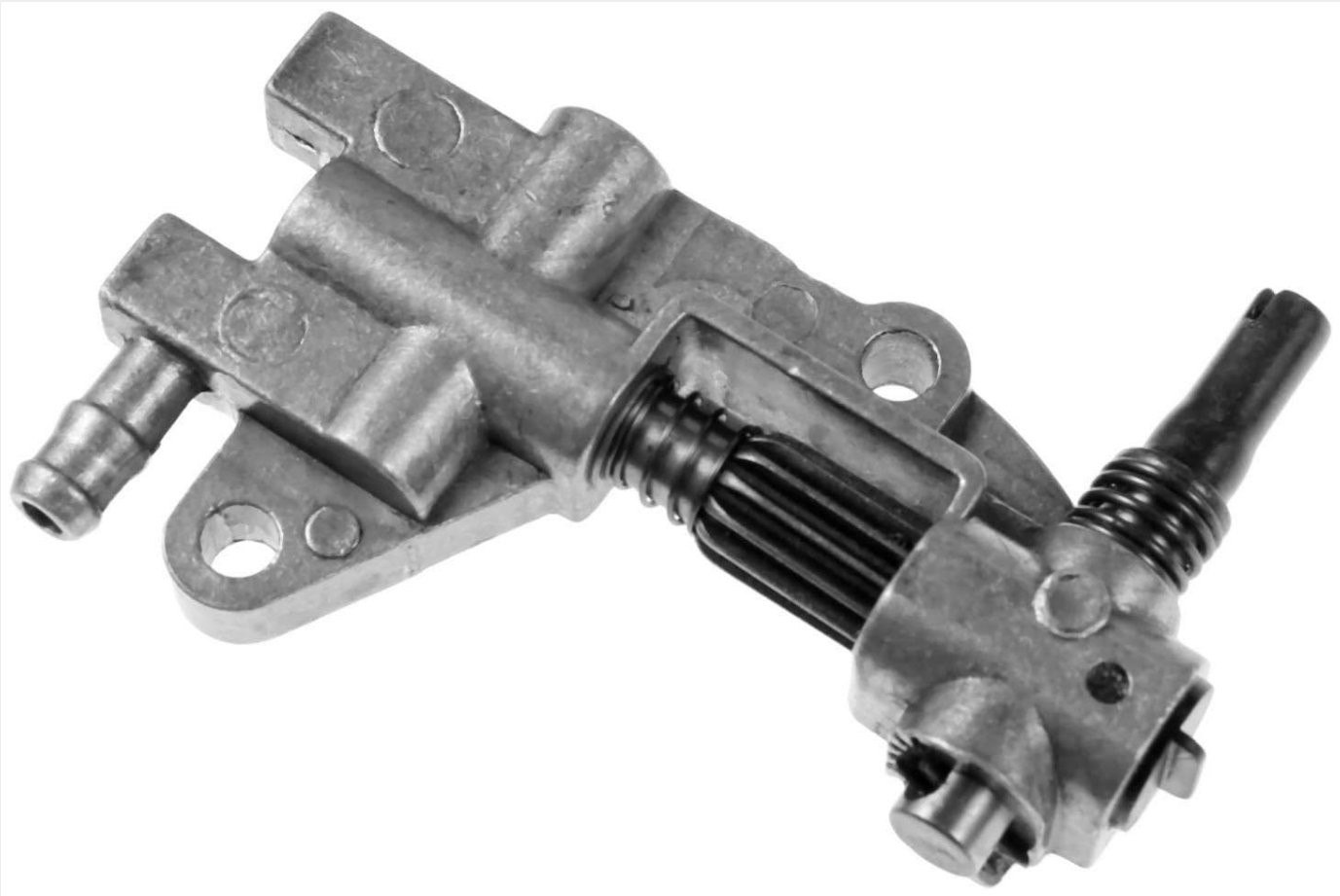


Figure 5.1: Top and side views of the oil pump, illustrating the gear mechanism and various ports that connect to the chainsaw's oiling system. These views are helpful for understanding the pump's orientation during installation.

6. Operating and Maintenance

6.1 Operating Function

Once installed, the oil pump's primary function is to draw bar and chain oil from the chainsaw's reservoir and deliver it to the guide bar and chain. This continuous lubrication is vital to reduce friction, prevent overheating, and extend the life of the bar and chain during operation. The pump operates using the chainsaw's engine power, typically via a worm gear connected to the crankshaft.

6.2 Care and Maintenance of the Oil Pump

While the oil pump itself requires minimal maintenance, its longevity is directly tied to the overall care of your chainsaw and the quality of oil used.

- **Use Quality Bar & Chain Oil:** Always use recommended bar and chain oil. Do not use waste oil or other lubricants not designed for chainsaws, as they can clog the pump and oil passages.
- **Keep Oil Tank Clean:** Regularly clean the chainsaw's oil tank and filter to prevent debris from entering and potentially damaging the oil pump.
- **Check Oil Flow:** Periodically check that oil is flowing correctly to the bar and chain during operation. A lack of oil flow can indicate a clogged pump or oil line.
- **Storage:** When storing the chainsaw for extended periods, ensure the oil tank is clean and empty to prevent oil from becoming gummy and clogging the pump.

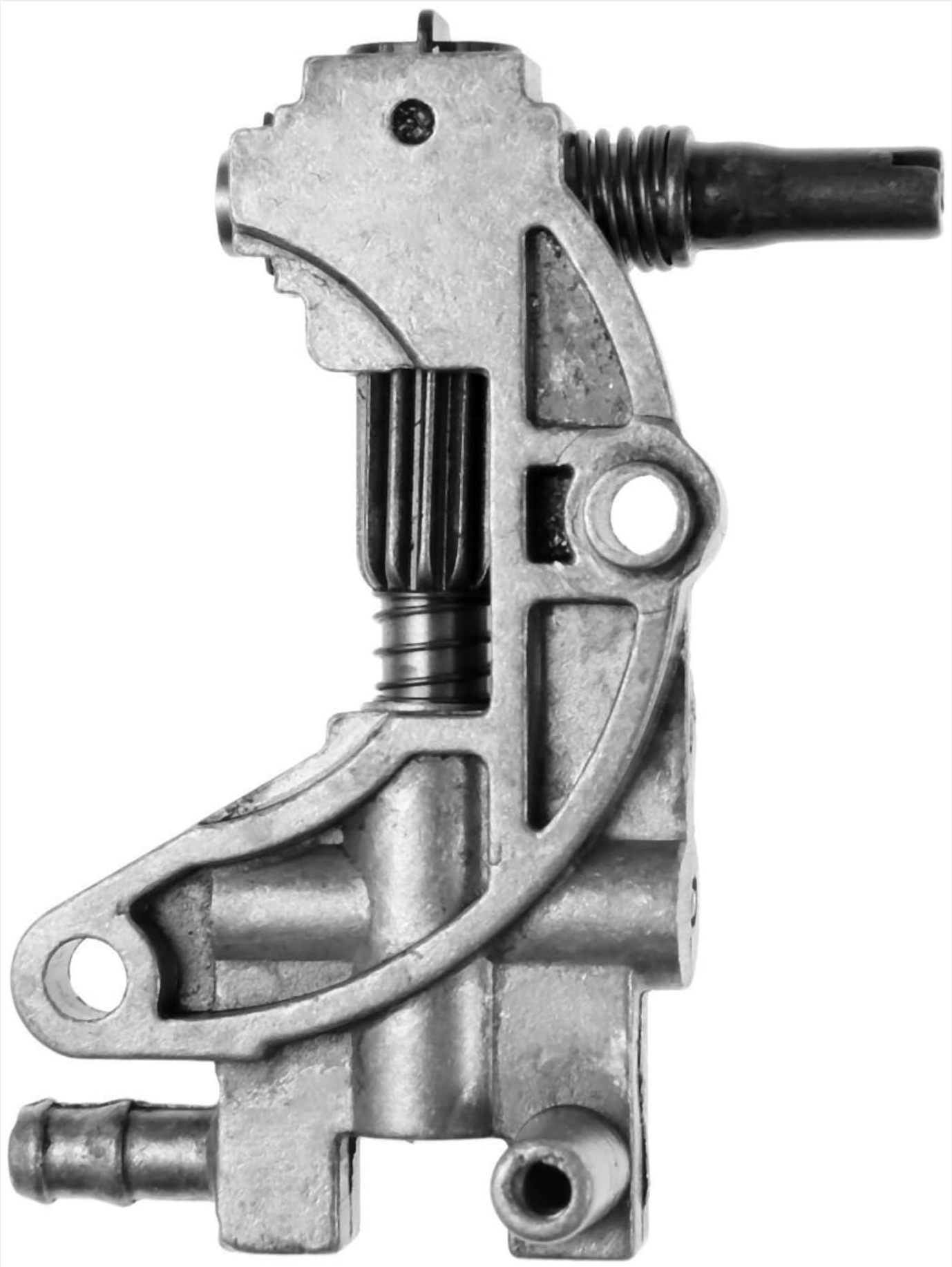


Figure 6.1: A detailed side view of the oil pump, showing the outlet port where oil is dispensed. Proper maintenance of the oiling system ensures this component functions effectively.

7. Specifications

Specification	Detail
Manufacturer	Hicello
Part Number	Oil Pump
Compatible Chainsaw Models	Chinese Chainsaw 4500, 5200, 5800, 45CC, 52CC, 58CC
Power Type	Gasoline/Gas (2-stroke, forced air cooling, single cylinder)
Material	High-quality Metal
Package Dimensions	9 x 5 x 2 cm (approx. 3.54 x 1.97 x 0.79 inches)
Item Weight	20 grams (approx. 0.71 ounces)
Number of Items	1
Batteries Required?	No
ASIN	B0756W6K38
First Available Date	September 28, 2017
UPC	653334416575

8. Troubleshooting and Support

8.1 Common Issues (Post-Installation)

- **No Oil Flow:**
  - Check oil tank level.
  - Ensure oil lines are properly connected and not kinked or clogged.
  - Verify the oil filter in the tank is clean.
  - Confirm the worm gear (if applicable) is correctly engaged with the pump.
- **Oil Leakage:**
  - Ensure all connections and seals are tight.
  - Inspect the oil lines for cracks or damage.
  - Verify the pump is seated correctly and its mounting screws are secure.

8.2 Customer Support

Hicello is committed to providing high-quality aftermarket products. If you encounter any issues with your order or the product, or if you require further assistance with installation or troubleshooting, please do not hesitate to contact us. We are dedicated to providing a satisfactory solution to any concerns you may have. Please refer to your purchase platform or the Hicello official website for contact information.

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