

Oil Filter Socket Set

User Manual

Read Carefully Before Use
Keep for Future Reference



OMT
Orion Motor Tech

UM-LQW-0003-V1



Disclaimer

Read this disclaimer completely and carefully before proceeding with the rest of the manual content.

1. Product Modifications

Any modifications or alterations to OMT products void any warranties and may result in damage or injury. OMT shall not be liable for any damages resulting from such modifications or alterations.

2. Compliance with Laws

Customers shall be liable for ensuring that the use of OMT products complies with all applicable laws and regulations in their respective jurisdictions. OMT assumes no responsibility for any violations of laws or regulations resulting from the use of OMT products.

3. Correct Use

Always use OMT products only as directed in the accompanying manuals. Failure to follow instructions may result in injury or damage.

Always ensure the assembly, installation, operation, maintenance, or repair of OMT products is carried out by a competent person.

Always make maintenance regularly throughout OMT products' lifecycles; you have the liability to keep the products operating as intended.

Always wear appropriate protective gear.

4. Third-Party Products

OMT shall not be liable for any damages or losses resulting from the use of third-party products in conjunction with OMT products. Customers shall refer to the third-party's guidelines or/and warranties (if any) for any third-party products used.

5. Limitation of Liability

OMT shall not be liable for any direct, indirect, punitive, incidental, special, or consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of OMT products. In no event shall OMT's liability exceed the value of the products sold.

6. Warranty

Refer to the sales page for the warranty information.

This disclaimer states the entire obligation of OMT with respect to OMT products. If any part of this disclaimer is determined to be void, invalid, unenforceable, or illegal, including but not limited to the warranty disclaimers, liability disclaimers, and liability limitations set forth above, the invalid or unenforceable provision will be deemed superseded by a valid and enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.

Contact Us

Thank you for choosing our products! If you have any questions or comments, contact us and we'll address your issues ASAP!



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1 Safety Information

	<ul style="list-style-type: none">• ALWAYS perform all repairs in full compliance with your machinery's service manual. After any repairs, test your engine and machinery at low speed in your workshop before returning to normal use. Failing to do so may result in serious property damage or severe personal injury.• DO NOT allow children, individuals with mental or physical impairments, or those unfamiliar with this product and compatible vehicle systems to use it. Unauthorized use may result in safety hazards.• DO NOT use under the influence of alcohol, drugs, or medication that impairs judgment or reflexes. Keep children and bystanders at a safe distance during use.
	<ul style="list-style-type: none">• ALWAYS wear appropriate personal protective equipment (PPE) for your task. Use ANSI and OSHA-approved eye, respiratory, and hand protection. Microscopic particles produced during normal use are known to cause cancer, birth defects, and other reproductive harm in the state of California. Nonslip footwear is also highly recommended. Depending on your work environment, additional protection such as ear, head, and body gear may be required.• Keep your work site clean and well-lit. Cluttered or dark work areas increase the risk of accidents and injuries.• ALWAYS familiarize yourself with your machinery's safety warnings and instructions before use. Use the correct fluids, pressures, and adapters specific to your machine. ALWAYS secure and park the machinery properly before beginning any work.• Before servicing your machinery, turn off the engine and secure it using chocks, jacks, or stands as outlined in the manufacturer's service manual. This will prevent accidental movement and potential injury.• ALWAYS ensure that your vehicle has been jacked up and is adequately supported with axle stands.• DO NOT overreach. Keep proper footing and balance at all times.• In case of emergencies, ensure a first aid kit and a communication device (e.g., phone) are readily available. Know the location of nearby emergency medical facilities.
	<ul style="list-style-type: none">• For optimal performance, keep the kit clean and dry. Remove any fluid, oil, or grease before and after use. Regular maintenance is essential to ensure safe operation.• Dress appropriately for automotive servicing. DO NOT wear loose clothing, jewelry, or accessories that could get caught in moving parts. Keep hair, clothing, gloves, hoses, and tools away from machinery in motion.• Regularly inspect this product for misalignment, binding, wear, or damage before use if any issues are found, repair or replace the damaged parts before further use. In a large shop, mark damaged tools with "DO NOT USE" signs until repaired. ONLY replace components with identical, authorized parts.• Machinery repair can be inherently dangerous. This manual and the machinery service manual cannot cover every possible situation. ALWAYS use caution, exercise good judgment, and seek training if needed.

2 Specifications

Material		ADC06 Aluminum, 45# Steel, PE	
Wrench	Length	8 in.	20.4 cm
	Drive	3/8 in.	
Case Dimensions		12.3×9.1×2.6 in.	31.2×23.2×6.6 cm
Net Weight		3.4 lb.	1.56 kg

3 Parts List

Name	Qty.
Ratchet	1
Oil Filter Sockets	9

4 Operation



Warning

- Shut the engine before servicing, make sure the vehicle is in a stationary state for easy maintenance, and that the engine has cooled to room temperature before performing maintenance or adjustments.
- Use correct tools and personal protective equipment (PPE) before performing any operation. Be extremely careful with possible pinching points, moving parts, or parts that may suddenly spring out.
- Make sure your surroundings are safe for using the tool. Avoid operating in crowded or unstable areas.
- Make sure the work area is clean and clear of any clutter or dirt that may affect operations.
- **DO NOT** force the tool. Excessive force may cause serious personal injuries and severe property damage.
- **ALWAYS** check that the vehicle is securely lifted.
- For an abundance of safety, we recommend you take training before using these tools. Serious injury could happen due to a lack of training.

Removing Oil Filters

1. Follow all the protocols to lift your vehicle up, being sure the hand brake is set and the wheels are chocked.
2. Locate the oil filter and clean the grime off the shell.
3. Position your catch basin below the filter, as some oil will leak during the change.
4. Choose a socket of the correct size for your vehicle's oil filter and attach it to the provided ratchet.
5. Fit the socket onto the oil filter and turn the filter counterclockwise while applying steady and gradual force.
6. Stop when the filter can be turned by hand.

Installing Oil Filters

1. Lubricate your oil filter's gasket with a small amount of oil.
2. Pre-screw the oil filter by hand until it is loosely attached.
3. Use the ratchet with the socket to turn the filter clockwise while applying steady and gradual force until the filter is securely attached.



Warning

ALWAYS tighten the oil filter to the torque as stated in your vehicle's service manual.

4. Visually check that no oil is leaking from the filter shell or from where it is connected to the engine shell. If none, stow the ratchet and socket away.

5 Maintenance

- For best results, clean with a mild detergent and soft cloth after each use. Do not use caustic chemicals or harsh abrasives. Rinse entirely clean and allow time to dry completely before further use.
- Check all parts periodically for any signs of wear or damage. Repair or replace any problematic components before any further use.
- If these tools will not be used for an extended time, store in a cool dry place inaccessible to children and away from direct sunlight.



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