

Adjustable Oil Filter Wrenches

User Manual

Read Carefully Before Use
Keep for Future Reference



OMT
Orion Motor Tech

UM-LQW-0004-V2

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 and/or 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liability disclaimers, and liability limitations set forth above, the invalid or unenforceable provision will be deemed superseded by a valid and enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full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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Safety Information



- The instructions provided here are for general information only. **ALWAYS** perform all repairs in full compliance with your vehicle's service manual. After completing any repair, test your vehicle in your workshop at a low speed before resuming regular use. Failure to do so may result in serious property damage and severe personal injury.
- **DO NOT** allow use by children, individuals whose mental or physical conditions prevent safe operation, or persons unfamiliar with this product and its compatible A/C, fuel, and transmission systems.
- **ALWAYS** use personal protective equipment (PPE) suitable for your task. While using this product, always wear ANSI-approved eye and hand protection. Nonslip footwear is also highly recommended. Other equipment, such as ear, head, and body protection, may also be necessary depending on your work.
- **ALWAYS** read and understand your vehicle's specific safety warnings and instructions before using this kit. Use the correct fluids, pressures, adapters, etc. for your vehicle. Ensure the parking brake is engaged before beginning any work. Use a jack and jack stands that can fully support the necessary weight. Never touch any heated surface with exposed skin.
- **DO NOT** overreach. Keep proper footing and balance at all times.
- Maintain this product. Check for misalignment, binding, wear, or other damage before use. If any damage is detected, repair or replace the problematic components before further use. In a large shop, mark such tools "**DO NOT USE**" until they have been repaired. **ONLY** replace components with identical parts.
- **NEVER** use this tool with power or pneumatic tools. Excessive force will damage the oil filter and the tool, potentially leading to serious malfunction or injury.



- **DO NOT** use this product if you are tired or under the influence of drugs, alcohol, or strong medication.
- **ALWAYS** ensure your vehicle is properly jacked up and securely supported with axle stands before beginning any work. Failure to do so may result in serious injury or death.
- Dispose of used oil and filters in accordance with local environmental regulations. Ensure the oil filter is fully drained before disposal.
- **DO NOT** force this tool. Doing so may damage the oil filter, leading to leaks or operational failure.
- For best results, keep the kit clean and dry. Remove any fluid, oil, or grease before and after work, particularly from the handle and fittings.
- Dress appropriately for automotive servicing. Do not wear loose clothing or jewelry. Keep hair, clothing, gloves, hoses, and tools away from moving parts during use.
- In case of an accident or injury, have a first aid kit and a communication device (e.g., a phone) readily available. Know the location of emergency medical facilities.
- Automotive repair is an inherently dangerous activity. This manual and the separate vehicle service manual cannot cover all possible situations that may arise. **ALWAYS** exercise discretion and good judgement. Seek training if needed.

Specifications

Oil Filter Jaw Opening		2.35–3.15 in.	60–80 mm
		3.15–4.13 in.	80–105 mm
Drive	Square	½"	13 mm
	Hex	22 mm	
Material		40 Cr	

Tool needed but not included: Ratchet or Torque Wrench

Operation

Warning

- Turn off the vehicle's engine before servicing, making sure that the vehicle is stationary and that the engine has cooled to room temperature before performing maintenance or adjustments.
- **DO NOT** force the tool. Excessive force may result in serious injury or significant property damage.
- Be extremely cautious of pinching points, moving parts, or components that may suddenly spring out during use.
- **ENSURE** your work area is stable and free from crowded or unstable surroundings that may cause accidents.
- Untrained operations may lead to severe injury. Proper training before using the tool is strongly recommended.
- **ALWAYS** use the correct tools and personal protective equipment (PPE) before operation.
- Keep the work area clean and free of clutter or debris interfering with tool operation.

Removing Oil Filters

1. Follow all the protocols to lift your vehicle up. Ensure the hand brake is engaged and the wheels are properly chocked.
2. Locate the oil filter and clean any grime from the shell.
3. Measure the oil filter and select a wrench of the correct size.

4. Fit the wrench onto the oil filter and turn it loose using a ratchet or torque wrench (not included) while applying steady and gradual force.
5. If the wrench's jaws slide, use a towel to wrap the filter, fix the wrench onto the filter, and try again.

Note: The jaws of the wrench should be tightening as you turn. If not, adjust using a 1/2" ratchet.

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.

Note: The jaws of the wrench should be tightening as you turn. If not, adjust using a 1/2" ratchet.

3. Turn the wrench with a 1/2" ratchet, applying a steady force. Keep turning 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 for any oil leaks from the filter shell or its connection to the engine. If there are none, stow the wrench away.

Maintenance

- Periodically check the tool for any wear, misalignment, breakage. Fix if any. **DO NOT** attempt to use if the problem(s) persist(s).
- Clean the surfaces with a soft cloth. Use mild detergent if too much grime and grease has built up. **DO NOT** use caustic chemicals. Dry completely before storing.
- Keep the tools in the original storage box and store in a cool dry location away from direct sunlight and inaccessible to children.



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