

ProForm FBA_66779

ProForm 66779 Valve Lash Wrench User Manual

Model: FBA_66779 | Brand: ProForm

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your ProForm 66779 Valve Lash Wrench. Please read this manual thoroughly before operation and retain it for future reference.

PRODUCT OVERVIEW

The ProForm 66779 Valve Lash Wrench is designed to simplify valve lash adjustments. It includes a 7/16-inch nut wrench and a 1/8-inch T-handle set screw tool, making precise adjustments easy and efficient.



Figure 1: The ProForm 66779 Valve Lash Wrench set. This image displays both components of the tool: the C-shaped wrench with a black handle, designed to fit over a 7/16-inch nut, and the T-handle hex key, used for adjusting a 1/8-inch set screw. Both tools are black and silver in color.

Components:

- **7/16-inch Valve Lash Wrench:** A C-shaped wrench with a comfortable handle, designed for securing the valve lash nut.
- **1/8-inch T-Handle Hex Key:** A T-shaped hex key for adjusting the set screw during valve lash procedures.

SETUP

The ProForm 66779 Valve Lash Wrench is a hand tool and requires minimal setup. Ensure the engine is cool and properly positioned for valve lash adjustment according to your vehicle's service manual.

1. **Prepare the Engine:** Refer to your vehicle's specific service manual for instructions on how to prepare the engine for valve lash adjustment, including engine temperature and cylinder positioning.
2. **Identify Components:** Locate the valve lash nuts (7/16-inch) and set screws (1/8-inch) on your engine's rocker arms.
3. **Tool Inspection:** Before use, inspect both the wrench and the T-handle hex key for any signs of damage or wear. Do not use damaged tools.

OPERATING INSTRUCTIONS

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This tool is designed to facilitate the adjustment of valve lash. Always follow your vehicle manufacturer's specifications for correct valve lash settings.

1. **Loosen the Nut:** Using the 7/16-inch valve lash wrench, carefully loosen the valve lash nut on the rocker arm. Do not remove it completely, just enough to allow the set screw to turn.
2. **Adjust the Set Screw:** Insert the 1/8-inch T-handle hex key into the set screw. While holding the 7/16-inch wrench to prevent the nut from turning, rotate the T-handle hex key to adjust the valve lash to the manufacturer's specified clearance. Use a feeler gauge to accurately measure the clearance between the valve stem and the rocker arm.
3. **Tighten the Nut:** Once the correct lash is achieved, continue to hold the T-handle hex key in place to prevent the set screw from moving. Use the 7/16-inch wrench to tighten the valve lash nut securely. Ensure the set screw does not rotate during this process, which would alter the lash setting.
4. **Verify Lash:** After tightening, re-check the valve lash with the feeler gauge to confirm it remains at the specified setting. If it has changed, repeat the adjustment process.
5. **Repeat for all Valves:** Follow your vehicle's service manual for the correct sequence and procedure to adjust all valves.

MAINTENANCE

Proper maintenance will extend the life of your ProForm Valve Lash Wrench.

- **Cleaning:** After each use, wipe down the tools with a clean, dry cloth to remove any oil, grease, or debris.
- **Storage:** Store the tools in a dry environment, away from moisture and corrosive materials, to prevent rust. A tool roll or box is recommended.
- **Inspection:** Periodically inspect the tools for any signs of wear, bending, or cracking. Replace if damaged.

TROUBLESHOOTING

While the ProForm Valve Lash Wrench is a straightforward tool, here are some common issues and solutions:

| Problem | Possible Cause | Solution |
|---|--|---|
| Nut slips or rounds off | Incorrect wrench size; worn wrench; nut is seized. | Ensure correct 7/16-inch wrench is used. Replace worn wrench. Apply penetrating oil to seized nuts. |
| Set screw slips or rounds off | Incorrect hex key size; worn hex key; set screw is seized. | Ensure correct 1/8-inch hex key is used. Replace worn hex key. Apply penetrating oil to seized set screws. |
| Valve lash changes after tightening nut | Set screw rotated while tightening nut. | Ensure the T-handle hex key is held firmly to prevent the set screw from rotating while tightening the nut. Re-check lash after tightening. |

SPECIFICATIONS

| | |
|--------------|-----------|
| Brand | ProForm |
| Model Number | FBA_66779 |

| | |
|--------------------|---|
| Nut Size | 7/16 inches |
| Set Screw Size | 1/8 inches (T-handle) |
| Material | Tool Steel, Stainless Steel, or Chrome Vanadium Steel |
| Color | Black |
| Item Weight | 8.32 ounces (approx. 0.238 kg) |
| Product Dimensions | 10.78 x 5.07 x 0.48 inches |
| UPC | 037995667796 |




WARRANTY AND SUPPORT




ProForm products are manufactured to high standards. For specific warranty information or technical support, please refer to the official ProForm website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

You can visit the [ProForm Store on Amazon](#) for more information.

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Related Documents - FBA_66779

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