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› AEROPRO TOOLS 1/2-Inch Aluminum Air Impact Wrench (A398) User Manual

AEROPRO A398

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Model: A398 | Brand: AEROPRO

PRODUCT OVERVIEW

The AEROPRO A398 1/2-Inch Aluminum Air Impact Wrench is a powerful pneumatic tool designed for heavy-duty applications such as automotive repair and tire shop work. Featuring a twin hammer mechanism and durable aluminum housing, it delivers high torque for efficient fastening and loosening of bolts.



Figure 1: AEROPRO A398 Air Impact Wrench

KEY FEATURES

- **Strong Torque:** Equipped with a 45mm cylinder and twin hammer design, providing a max working torque of 810 FT-LBS and a max loosening torque of 1380 FT-LBS.
- **Simple Torque Control:** Features 3 speed adjustments for precise torque application, with a first lower setting for preloading bolts.
- **Built for Longevity:** Constructed with specialized military-grade materials from Baosteel and an anti-aging valve for enhanced durability and sealing.
- **Ergonomic Design:** Center gravity design reduces forward sensation, and the orbital trigger enhances usability. Features an aluminum alloy spray treatment for a refined appearance.
- **Clean Workspace:** Rear exhaust system directs debris away from the work surface, maintaining a tidy environment.
- **Versatile Application:** Sturdy 1/2" drive made of ultrahigh alloy steel, suitable for tire shops, suspension work, and challenging automotive tasks.



A398

1380 FT-LBS
Max Loosening Torque

810FT-LBS
Max Working Torque

- **Longer Cylinder design**
- **Durable Military-grade Materials**
- **Superior Hand Feel**

Figure 2: Key features and torque ratings of the A398 Impact Wrench.

SPECIFICATIONS

| Specification | Value |
|----------------------|-------------|
| Brand | AEROPRO |
| Model Number | A398 |
| Square Drive | 1/2 inch |
| Max Loosening Torque | 1380 FT-LBS |
| Max Working Torque | 810 FT-LBS |
| Working Pressure | 90 PSI |
| Speed | 7800 RPM |

| | |
|---------------------|---|
| Material | Aluminum |
| Item Weight | 5.28 pounds |
| Item Length | 19 Centimeters |
| Included Components | Oil pot, spanner, 1/4" Male NPT air connector |



Figure 3: Dimensions of the A398 Impact Wrench.

SETUP

1. **Air Compressor Connection:** Ensure you have an air compressor capable of providing a stable 90 PSI working pressure. The air compressor is not included with this unit.
2. **Attach Air Connector:** Connect the supplied 1/4" Male NPT air connector to the air inlet of the impact wrench.
3. **Lubrication:** Before first use and periodically thereafter, apply a few drops of pneumatic tool oil (included oil pot) into the air inlet to lubricate the internal components.
4. **Hose Connection:** Connect your air hose from the compressor to the air connector on the tool.



Figure 4: Key components including the improved air inlet.

OPERATING INSTRUCTIONS

1. **Selecting Direction:** Use the forward/reverse switch located at the rear of the tool to select the desired rotation direction (tightening or loosening).
2. **Adjusting Torque/Speed:** The impact wrench features a knob adjustment to control different torque output requirements. There are 3 speed adjustments available. For preloading bolts, use the first lower setting on forward rotation.
3. **Attaching Sockets:** Securely attach the appropriate 1/2" drive socket to the square drive of the tool.
4. **Operation:** Press the orbital trigger to activate the tool. Apply steady pressure to the fastener.



Figure 5: Location of the Forward/Reverse switch.



**ORBITAL TRIGGER
DESIGN
EASIER TO USE**

Figure 6: The orbital trigger design for ease of use.



Figure 7: The A398 Impact Wrench being used for automotive work.

MAINTENANCE

- **Daily Lubrication:** Add a few drops of pneumatic tool oil to the air inlet before each use to ensure optimal performance and longevity of the internal mechanisms.
- **Cleanliness:** Regularly clean the exterior of the tool. The rear exhaust directs debris away from your work surface, but ensure the exhaust port remains clear.
- **Air Supply Quality:** Use clean, dry air to prevent moisture and contaminants from damaging the tool. Consider using an in-line air filter/lubricator.
- **Storage:** Store the impact wrench in a dry, clean environment when not in use.

TROUBLESHOOTING

If you encounter issues with your AEROPRO A398 Air Impact Wrench, consider the following common solutions:

- **Low Power/Torque:**

- Check air pressure at the tool; ensure it is at least 90 PSI.
- Verify air hose diameter is sufficient for airflow.
- Ensure the tool is properly lubricated.
- Check for blockages in the air inlet or exhaust.

- **Air Leaks:**

- Inspect all connections for tightness.
- Check O-rings and seals for wear or damage.

- **Tool Not Operating:**

- Confirm air supply is connected and active.
- Check the forward/reverse switch position.

For persistent issues or complex repairs, please contact AEROPRO customer support.

WARRANTY AND SUPPORT

AEROPRO is committed to providing high-quality tools. For any questions or concerns regarding your A398 Air Impact Wrench, please do not hesitate to contact us through Amazon. We are readily available to assist you. Refer to the original product packaging or purchase documentation for specific warranty details and terms.