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## DAJA AA

# DAJA A6Pro Air Assist Instruction Manual

Comprehensive guide for setup, operation, and maintenance of your DAJA A6Pro Air Assist system.

## PRODUCT OVERVIEW

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The DAJA A6Pro Air Assist is an accessory designed to enhance the performance of compatible laser engraving and cutting machines. It provides a steady stream of air to the laser's focal point, which helps to blow away smoke and debris, resulting in cleaner cuts, reduced charring, and improved engraving quality. This manual will guide you through its installation, operation, and care.



Image: The DAJA A6Pro Air Assist unit, showing its compact design and air outlet.

## 1. SETUP

### 1.1 Unpacking

Carefully remove all components from the packaging. Ensure all parts are present and undamaged before proceeding with assembly.

- DAJA A6Pro Air Assist unit
- Air hose
- Nozzle/Air outlet
- Power adapter
- Mounting hardware (if included)

### 1.2 Assembly and Installation

1. **Attach the Nozzle:** Securely connect the air assist nozzle to the laser module of your compatible engraving machine. Refer to your laser machine's manual for specific attachment points.
2. **Connect the Air Hose:** Connect one end of the air hose to the DAJA A6Pro Air Assist unit's air outlet

and the other end to the air assist nozzle on your laser module. Ensure connections are tight to prevent air leaks.

3. **Position the Unit:** Place the DAJA A6Pro Air Assist unit on a stable, flat surface near your laser machine, ensuring adequate ventilation.
4. **Power Connection:** Connect the power adapter to the DAJA A6Pro Air Assist unit and then plug it into a suitable power outlet.
5. **Secure Cabling:** Route the air hose and power cable safely, away from moving parts of the laser machine and potential hazards.

## 2. OPERATING INSTRUCTIONS

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### 2.1 Basic Operation

1. **Power On:** Once fully assembled and connected, turn on the DAJA A6Pro Air Assist unit using its power switch. You should hear the pump activate and feel air flowing from the nozzle.
2. **Integrate with Laser:** Start your laser engraving or cutting job as usual. The air assist will operate simultaneously, directing air to the work area.
3. **Monitor Performance:** Observe the laser's performance. The air assist should significantly reduce smoke buildup and charring, leading to cleaner results.
4. **Power Off:** After completing your laser job, turn off the DAJA A6Pro Air Assist unit.

### 2.2 Optimizing Airflow

The DAJA A6Pro Air Assist is designed to provide consistent airflow. For optimal results, ensure the nozzle is positioned correctly relative to the laser's focal point. Experiment with different laser power and speed settings in conjunction with the air assist to achieve the best outcome for various materials.

## 3. MAINTENANCE

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### 3.1 Cleaning

- **Exterior:** Wipe the exterior of the air assist unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Nozzle:** Periodically check the air assist nozzle for any debris or blockages. Clean gently with a small brush or compressed air if necessary to ensure unobstructed airflow.
- **Air Hose:** Inspect the air hose for kinks, cracks, or blockages. Replace if damaged.

### 3.2 Storage

When not in use for extended periods, disconnect the power adapter and store the DAJA A6Pro Air Assist unit in a clean, dry environment, away from direct sunlight and extreme temperatures.

## 4. TROUBLESHOOTING

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<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
No air output	Unit not powered on; hose kinked/blocked; nozzle blocked.	Ensure power is connected and switch is ON. Check air hose for kinks or blockages. Clean the nozzle.
Weak air output	Partial blockage in hose/nozzle; unit malfunction.	Inspect and clean hose and nozzle. If problem persists, contact support.
Unusual noise/vibration	Unit not on a stable surface; internal component issue.	Place unit on a flat, stable surface. If noise continues, contact support.

## 5. SPECIFICATIONS

<b>Model Number</b>	AA
<b>Product Dimensions</b>	9.06 x 5.91 x 3.94 inches
<b>Item Weight</b>	3.3 pounds
<b>Manufacturer</b>	DAJA
<b>ASIN</b>	B0DNQHTGX8

## 6. WARRANTY AND SUPPORT

The DAJA A6Pro Air Assist comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact DAJA customer service through their official website or the retailer where the product was purchased.

For further assistance, visit the official DAJA store: [DAJA Official Store](#)