

A7A Air-Assisted Airless Adapter



WARNING: Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.

The A7A air assisted adapter may provide better fluid atomization for certain spraying applications. The adapter mounts to A7A guns and uses A7AA Cross-Cut nozzles and air caps.

Installation

1. See Figure 1. If installed, remove the existing nozzle and retaining nut from the A7A gun (1).
2. Install the O-ring (2) into the adapter (3). Install the adapter (3) on the A7A gun.
3. Install an A7AA Cross-Cut nozzle (5) and air cap (6) on the adapter. Make sure that the pin on the air cap interlocks with the slot on the nozzle.
4. Install the retaining ring (7) on the air cap and tighten securely.
5. Connect $\frac{1}{8}$ -in. OD air tubing to each elbow. Connect the remaining ends of the tubing to a regulated air supply.

NOTE: Regulated air must be supplied to the adapter for atomization.

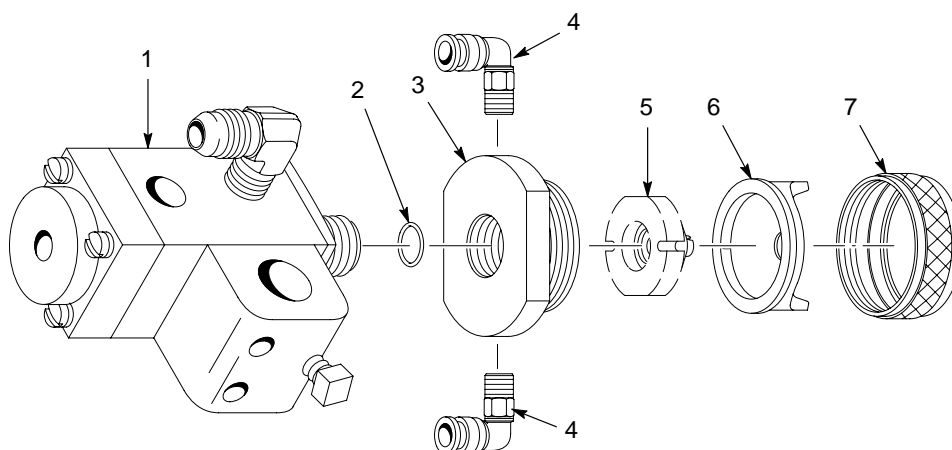


Figure 1 A7A Air-Assisted Airless Adapter Installation

- | | | |
|------------|-------------------|-------------------|
| 1. A7A gun | 4. Elbow fittings | 6. Air cap |
| 2. O-ring | 5. Nozzle | 7. Retaining ring |
| 3. Adapter | | |

Parts

For parts and service, call the Nordson Finishing Customer Support Center at (800) 433-9319 or contact your Nordson representative.

See Figure 1.

Item	Part	Description	Quantity	Note
—	1087754	KIT, adapter, AAA, A7A	1	
2	940080	• O-RING, hotpaint, 0.188 x 0.313 x 0.063 in.	1	
3	1087652	• ADAPTER, air assisted, A7A	1	
4	972311	• ELBOW male, 1/4 tube x 10-32 UNF	2	
6	115463	• AIR CAP, A7AA	1	
7	103738	• RING retaining	1	

Optional Nozzles

The nozzle descriptions include the flow rate and fan width. For example, nozzle 123601 has a nominal flow rate of 0.03 gal/min and a fan pattern eight inches wide at a distance of ten inches from the substrate.

Part	Description
123601	Nozzle, X-cut, 0.03/08
123602	Nozzle, X-cut, 0.04/10
123603	Nozzle, X-cut, 0.06/08
123604	Nozzle, X-cut, 0.06/10
123605	Nozzle, X-cut, 0.06/12
123606	Nozzle, X-cut, 0.06/18
123607	Nozzle, X-cut, 0.09/06
123608	Nozzle, X-cut, 0.09/08
123609	Nozzle, X-cut, 0.09/10
123610	Nozzle, X-cut, 0.09/12
123611	Nozzle, X-cut, 0.09/14
123612	Nozzle, X-cut, 0.09/18
123613	Nozzle, X-cut, 0.14/08
123614	Nozzle, X-cut, 0.14/10
123615	Nozzle, X-cut, 0.14/12
123616	Nozzle, X-cut, 0.14/14
123617	Nozzle, X-cut, 0.14/16
123618	Nozzle, X-cut, 0.20/10
123619	Nozzle, X-cut, 0.20/12
123620	Nozzle, X-cut, 0.20/18
123621	Nozzle, X-cut, 0.30/14
123622	Nozzle, X-cut, 0.6/16
123623	Nozzle, X-cut, 0.075/14
123624	Nozzle, X-cut, 0.06/14

Issued 11/08

Original copyright date 1998. Cross-Cut, Nordson, and the Nordson logo are registered trademarks of Nordson Corporation.