

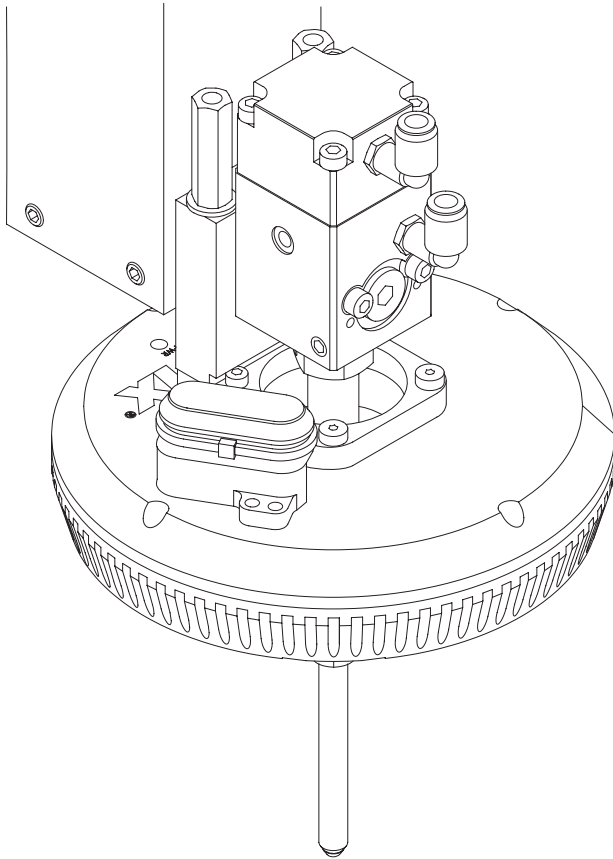
Auto-Flo™ Zero-Cavity Vision Mounting Kit

Description

See Figure 1.

The Auto-Flo Zero-Cavity Vision Mounting Kit for the zero-cavity applicator allows a vision sensor to be attached to the applicator. The vision system is used in a variety of applications to dispense adhesives, sealants, and other materials. The sensor allows for real-time bead evaluation and can alert the operator to a misapplied bead.

Manifold Mount



Standalone

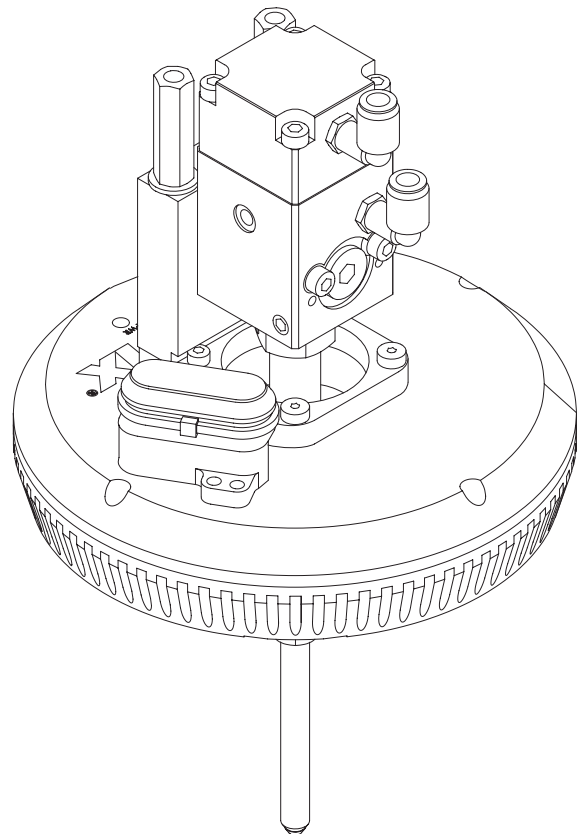


Figure 1 Auto-Flo Zero-Cavity Vision Mounting Kits

Installation



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

WARNING: System or material pressurized. Relieve pressure. Failure to observe this warning may result in serious injury or death.

Tools Required

Hex Key Set
Socket Wrench
Socket Set

Standalone Mounting Kit

See Figure 2.

1. Install the camera mounting bracket (8) to the camera (7) with two M4 x 0.7 x 12 socket shoulder screws (6) and two M4 x 0.7 x 20 socket screws (9).
2. Install the applicator to the Vision mounting plate (1) with two socket screws (5) provided with the applicator.
3. Install the applicator/Vision mounting plate (1) assembly to the camera mounting bracket (8)/camera (7) assembly with two 1/4-20 x 3.5 set screws (2).
4. When the two 1/4-20 x 3.5 set screws are securely installed, use the two 1/4 flat washers (3) and two 1/4-20 x 1.5 coupling nuts (4) to lock the assembly into place.

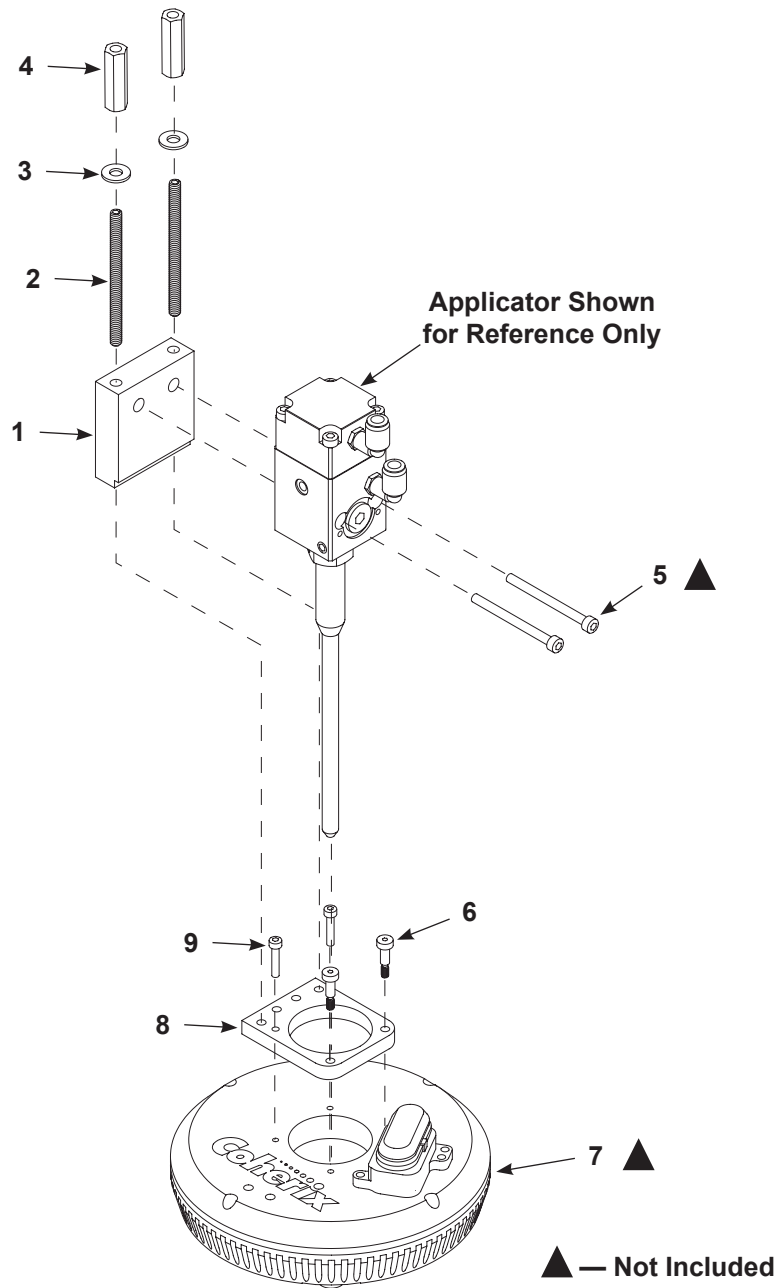


Figure 2 Standalone Mounting Kit

Manifold Mounting Kit

T/C Models

See Figure 3.

1. Install the camera mounting bracket (11) to the camera (10) with two M4 x 0.7 x 12 socket shoulder screws (9) and two M4 x 0.7 x 20 socket screws (12).
2. Insert the two 0.301 ID x 0.070 W O-rings (2) and one 0.239 ID x 0.070 O-ring (3) into the meter.
3. Install the Vision mounting plate (1) to the meter with two M6 x 1.0 x 14 sockets screws (7).
4. Connect the camera mounting bracket (11)/camera (10) assembly to the Vision mounting plate (1) on the meter with two ¼-20 x 3.5 set screws (6).
5. When the ¼-20 x 3.5 set screws (6) are securely installed, use two ¼ flat washers (5) and two ¼-20 x 1.5 coupling nuts (4) to lock the assembly into place.
6. Install the applicator to the Vision mounting plate (1) on the meter with two socket screws (8) and two O-rings provided with the applicator.

Electrically Heated Models

See Figure 3.

1. Install the camera mounting bracket (11) to the camera (10) with two M4 x 0.7 x 12 socket shoulder screws (9) and two M4 x 0.7 x 20 socket screws (12).
2. Insert the two 0.301 ID x 0.070 W O-rings (2) and one 0.239 ID x 0.070 O-ring (3) into the Vision mounting plate (1).
3. Install the Vision mounting plate (1) to the meter with two M6 x 1.0 x 14 sockets screws (7).
4. Connect the camera mounting bracket (11)/camera (10) assembly and the Vision mounting plate (1) to the meter with two ¼-20 x 3.5 set screws (6).
5. When the ¼-20 x 3.5 set screws (6) are securely installed, use two ¼ flat washers (5) and two ¼-20 x 1.5 coupling nuts (4) to lock the assembly into place.
6. Install the applicator to the Vision mounting plate (1) on the meter with two socket screws (8) and two O-rings provided with the applicator.

Parts

To order parts, call the Nordson Industrial Coating Systems Customer Support Center at (800) 433-9319 or contact your local Nordson representative.

Standalone Mounting Kit

See Figure 4 and the following parts list.

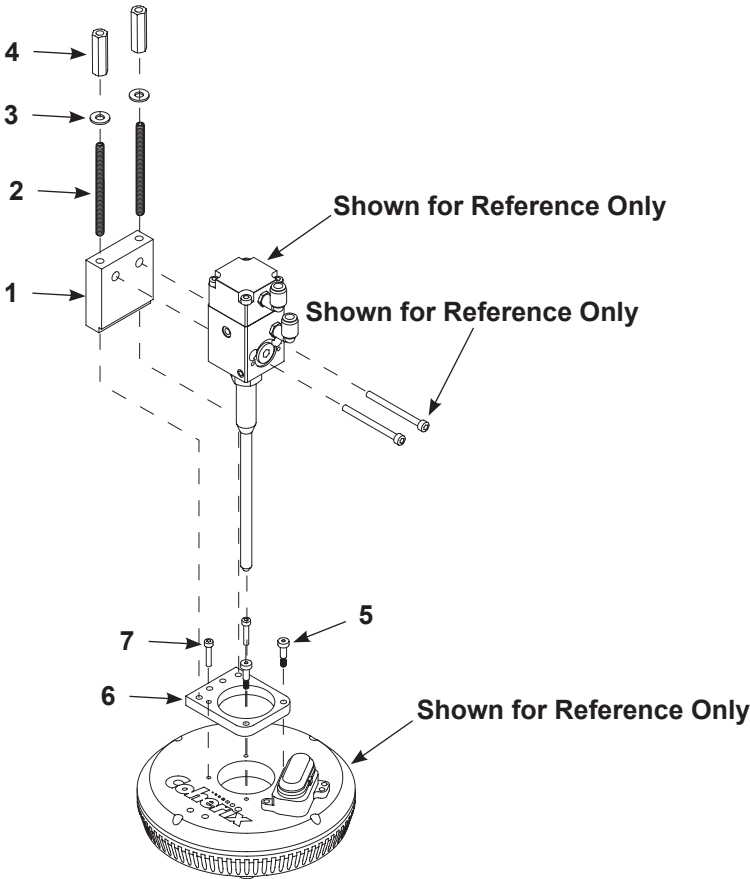


Figure 4 Standalone Mounting Kit

Item	Part	Description	Quantity	Note
—	1619960	KIT, mount, Vision, standalone, zero-cavity, 125 mm	—	
1	1619955	• PLATE, mount, Vision, zero-cavity, standalone, 125 mm	1	
2	-----	• SCREW, set, ¼-20 x 3.5, zinc, per ISO 4029	2	
3	-----	• WASHER, flat, regular, ¼, zinc, per ISO 7089	2	
4	-----	• NUT, coupling, ¼-20 x 1.5 long, zinc, per DIN 6334	2	
5	-----	• SCREW, shoulder, socket, M4 x 0.7 x 12, per ISO 7379	2	
6	1619956	• BRACKET, mount, camera, zero-cavity, 125 mm, per ISO 4762	1	
7	-----	• SCREW, socket, M4 x 0.7 x 20, zinc, per ISO 4762	2	

Manifold Mounting Kit

See Figure 5 and the following parts list.

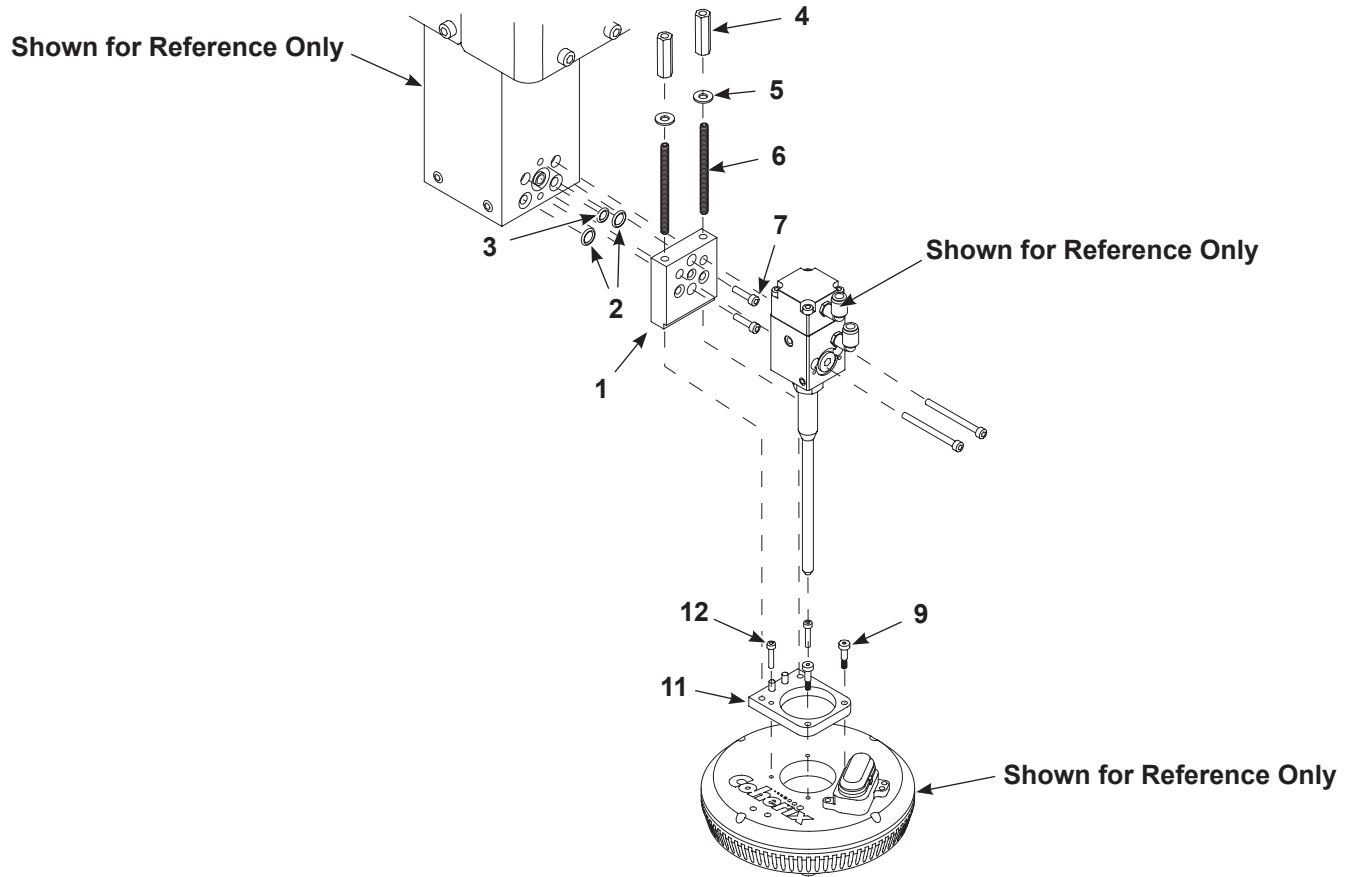


Figure 5 Manifold Mounting Kit

Item	Part	Description	Quantity	Note
—	1619961	KIT, mount, Vision, manifold, zero-cavity, 125 mm	—	
1	1619954	• MANIFOLD, mount, Vision, zero-cavity, 125 mm	1	
2	940101	• O-RING, Viton™, 0.239 ID x 0.070 W, butadiene rubber	1	
3	940111	• O-RING, Viton, 0.301 ID x 0.070 W, butadiene rubber, 10411 SB	2	
4	-----	• NUT, coupling, ¼-20 x 1.5 long, zinc, per DIN 6334	2	
5	-----	• WASHER, flat, regular, ¼, zinc, per ISO 7089	2	
6	-----	• SCREW, set, ¼-20 x 3.5, zinc, per ISO 4029	2	
7	-----	• SCREW, socket, M6 x 0.8 x14, zinc, per ISO 4762	2	
8	-----	• SCREW, shoulder, socket, M4 x 0.7 x 12, per ISO 7379	2	
9	1619956	• BRACKET, mount, camera, zero-cavity, 125 mm	1	
10	-----	• SCREW, socket, M4 x 0.7 x 20, zinc, per ISO 4762	2	

Vision Compatible Zero-Cavity Dispensers

Standalone Mounting Compatible	
1101569	PISTON/STEM, 0.090 tip, Auto-Flo, 205MM, zero cavity
1619972	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, standalone, 0.635 x 205 mm
1619975	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, standalone, 3 x 205 mm
1619978	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, standalone, 4 x 205 mm
1620148	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, standalone, 1 x 205 mm
1620151	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, standalone, 3.5 x 205 mm
1620259	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, standalone, 1.5 x 205 mm
Manifold Mounting Compatible	
1615692	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 2.3 x 205 mm
1620173	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 0.635 x 205 mm
1620174	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 3 x 205 mm
1620175	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 4 x 205 mm
1620176	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 1 x 205 mm
1620177	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 3.5 x 205 mm
1620263	VALVE, Auto-Flo II, 1K, zero cavity, aluminum, UH, manifold, 1.5 x 205 mm