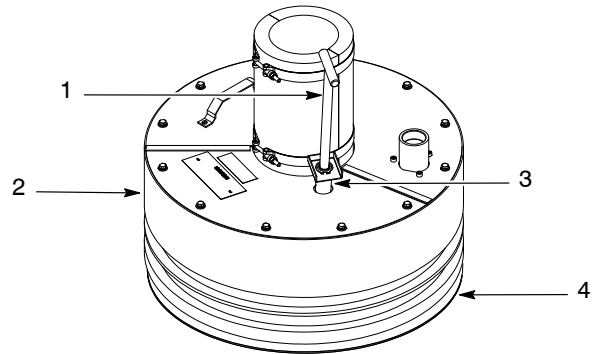


Description

See Figure 1. The Rhino® XD2H heated follower module with steel ring mounts to Rhino XD2H pump hydraulic sections. It is designed to force material out of straight-sided material containers.

The heated follower module uses a PTFE-coated steel ring (4) to pump high-viscosity urethane materials out of foil bags. It is sized for a close-tolerance fit to the inner diameter of the container. The ring collapses the foil bag to prevent it from getting wedged between the follower plate module and the container wall.

Lowering the heated follower plate module into a container causes air buildup between the bottom of the follower plate (2) and the material. Removing the bleeder stem (1) from the adapter (3) before lowering the follower plate provides a path for the air to vent.



- 1: BLEEDER STEM
- 2: FOLLOWER PLATE
- 3: BLEEDER STEM ADAPTER
- 4: PTFE-COATED STEEL RING

Figure 1 Heated Follower Module

Repair



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

Repairs consist of replacing the RTD and the thermostat. Perform the following to gain access to these parts:

1. See Figure 2. Perform the following:
 - Remove the screws (1), lock washers (2), and washers (3) securing cover A to gain access to the thermostat.

OR

 - Remove the screws (4), lock washers (5), and washers (6) securing cover B to gain access to the RTD.
2. Perform the desired repair procedure.

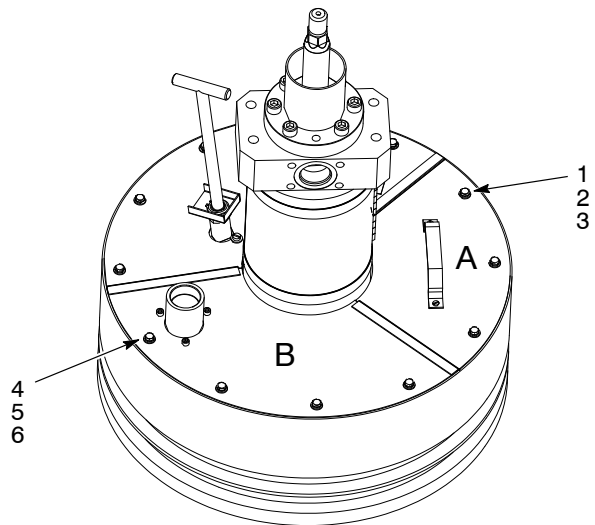


Figure 2 Heated Follower Module

Replace the Thermostat

1. See Figure 3. Loosen the screws (1) on the terminal block (2) and remove the wire leads (4).
2. Remove the screws (5) and washers (6) securing the thermostat (7) to the follower plate (8).
3. Apply heat compound to the bottom of the new thermostat (4).
4. Install the thermostat (4) onto the follower plate (5) using the washers (2) and screws (1). Tighten the screws securely.
5. Crimp new ferrules (3) onto the wire leads (4). Insert the wire leads into the terminal block (2) and tighten the screws (1).
6. See Figure 2. Install cover A using the washers (3), lock washers (2), and screws (1). Tighten the screws securely.

Replace the RTD

1. See Figure 3. Loosen the screws (8) on the terminal block (7) and remove the RTD wires.
2. Remove the RTD (13) from the follower plate (8).
3. Apply heat compound to the new RTD (13). Insert the RTD into the follower plate (8).
4. Crimp new ferrules (11) onto the wire leads (12). Insert the wire leads into the terminal block (10) and tighten the screws (9).
5. See Figure 2. Install cover B using the washers (6), lock washers (5), and screws (4). Tighten the screws securely.

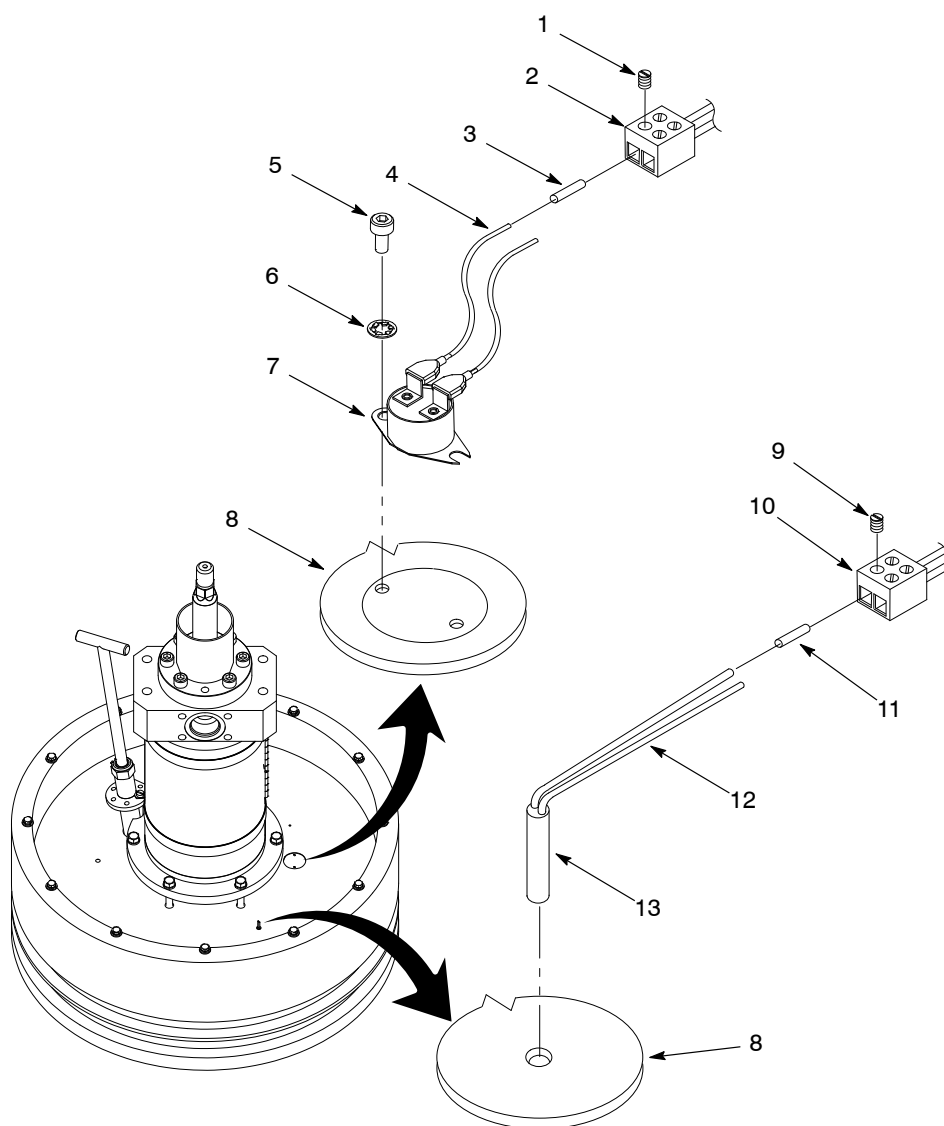


Figure 3 Replacing the Thermostat and RTD

Replace the Follower Plate Adapter O-Rings

1. Remove the screws (1), lock washers (2), and washers (3) securing the covers (4) to the follower plate (5).
2. Remove the screws (7) and washers (8) securing the hydraulic section (6) to the follower plate adapter (10). Disconnect the heat band wiring (12) if necessary to remove the hydraulic section and gain access to the follower plate adapter (5).
3. Remove the follower plate adapter (10) from the follower plate (5).
4. Remove the O-rings (9, 11) from the follower plate adapter (10). Discard the O-rings.
5. Apply O-ring lubricant to the new O-rings (9, 11) and install them onto the follower plate adapter (10).
6. Install the follower plate adapter (10) into the follower plate (5).
7. Install the hydraulic section (6) onto the follower plate adapter (10). Perform the following:
 - a. Install the washers (8) and screws (7) into the hydraulic section.
 - b. Hand-tighten two opposing screws to secure the hydraulic section to the follower plate adapter (10). Hand-tighten the remaining screws in the sequence shown.
 - c. After performing step 7b, simultaneously tighten each screw 1/8 turn at a time in the sequence shown to 34–40 N•m (25–30 ft-lb).
8. Connect the heat band wiring (12) if necessary. Refer to the *Rhino XD2H J-Box Module* or *Harness Assembly Module* instruction sheets for wiring connections.

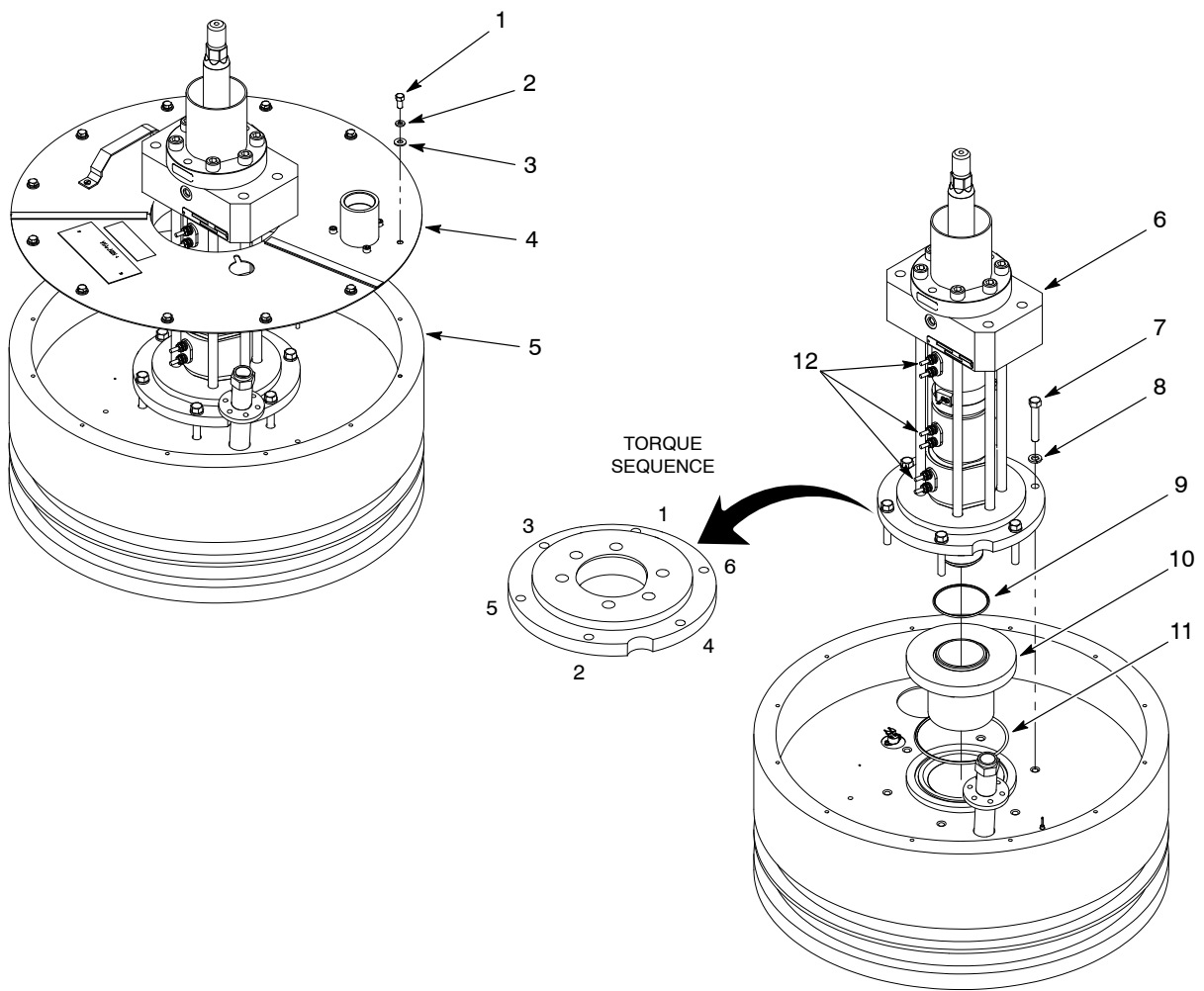
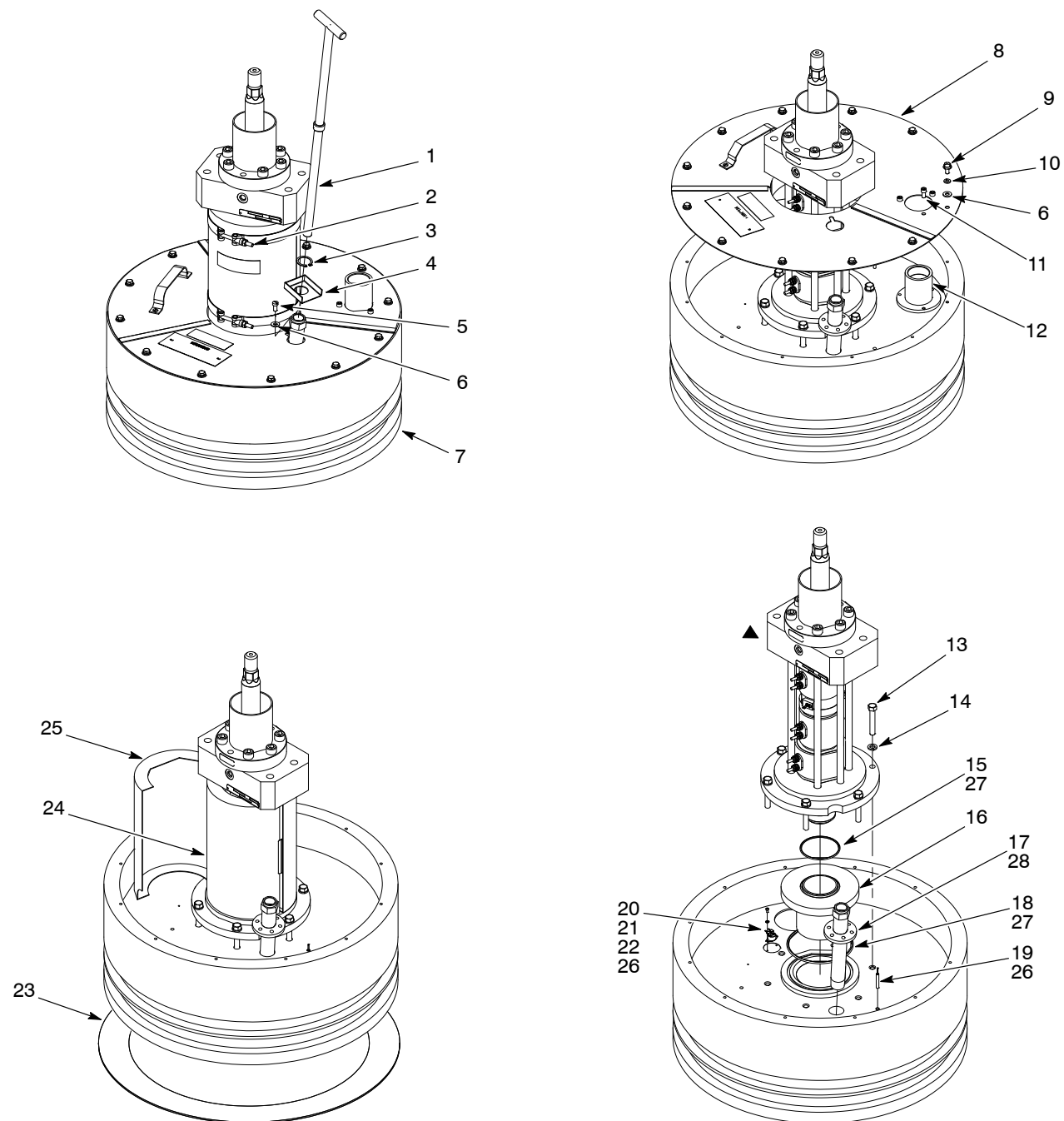


Figure 4 Replacing the Follower Plate Adapter O-Rings

Parts

See figure 5 and the following parts list. To order parts, call the Nordson Customer Service Center or your local Nordson representative.



▲ THE HYDRAULIC SECTION IS NOT INCLUDED WITH THE ASSEMBLY

Figure 5 Parts

Item	Part	Description	Qty	Note
—	1082176	Platen assembly, 65:1 Rhino XD2 heated	1	
1	1081517	• T-Handle, platen, Rhino XD2 heated	1	
2	1082249	• Clamp, T-bolt, hose, 6.78–7.09 x 0.75	2	
3	986808	• Retaining ring, 100	1	
4	324131	• Tray, bleeder valve	1	
5	981237	• Screw, 1/4-20 x 0.375	1	
6	983040	• Washer, flat, 0.266 x 0.625 x 0.049	13	
7	308460	• Platen, 480 V, 5551	1	
8	1081365	• Cover, platen, pump, Rhino XD2, 65:1, heated	1	
9	981239	• Screw, hex, 1/4-20 x 0.500	12	
10	983140	• Washer, lock, 1/4	12	
11	981201	• Screw, socket, 1/4-20 x 0.500	3	
12	1081493	• Adapter, conduit, platen, Rhino XD2 heated	1	
13	1082458	• Screw, hex, 3/8-16 x 2.250	6	
14	345929	• Washer, flat, 3/8	6	
15	941511	• O-ring, Viton, 3.000 x 3.188 x 0.094	1	
16	1607021	• Adapter, follower plate, platen, 1.375 diameter, Gen 2	1	
17	1081494	• Adapter, blowoff, platen, Rhino XD2, heated	1	
18	942472	• O-ring, Viton, 4.625 x 4.875 0.125	1	
19	335029	• Sensor, RTD, temperature, 1/4 x 2	1	
20	937290	• Thermostat, open-on-rise	1	
21	981000	• Screw, 5-40 x 0.250	2	
22	983103	• Washer, lock, #5	2	
23	282846	• Ring, follower plate, 571 mm drum	1	
24	1083098	• Insulation, pipe, 4.5 ID x 3 ft long x 1 in. thick	1 ft	
25	1081366	• Cover, heater, pump, Rhino XD2	1	
26	900298	• Compound, heat sink, 5-oz tube, 11281	AR	
27	1612251	• Lubricant, O-ring, Parker, 2 oz	AR	
28	900481	• Adhesive, pipe	AR	
NS	939989	• Ferrule, wire, non-insulating, 22–26	AR	
AR: As Required				
NS: Not Shown				

Kits

Part	Description	Note
1610172	Kit, 55 gal. IP54 platen–pump covers	

Notes:

[illegible]

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