

! WARNING !

- Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.
- To prevent serious injury, relieve system and material pressure before disconnecting any hydraulic connections or servicing this equipment.

Introduction

See Figure 1. This instruction sheet applies to material filters with bleed valves. The filters are typically mounted on a separate stand and are used with Rhino bulk unloaders.

If your filter has a plug in the bottom instead of a bleed valve (as shown in Figure 1), contact your Nordson representative for element change instructions.

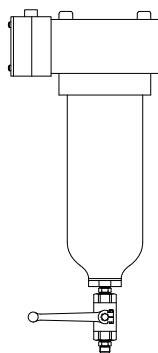


Figure 1 Filter Assembly with Bleed Valve

Remove the Filter Element and O-Rings

1. See Figure 2. Close the material supply ball valves on either side of the filter, coming from the unloaders to the filter stand.
2. Disconnect the cable from the electrical connector (13).
3. Place a five-gallon bucket under the filter bleed valve (7). Open the filter bleed valve to relieve material pressure. Close the filter bleed valve when material no longer bleeds out under pressure.
4. Remove the fitting (5) from the filter bowl. Remove the O-ring (6) from the fitting. Discard the O-ring.
5. Support the filter bowl (9). Using a 1/2-in. hex wrench, remove the four cap screws (1). Remove the filter bowl and filter bowl O-ring (2).
6. Remove the filter element (4) and filter O-ring (10).
7. Clean the filter bowl and filter head (8).

Install a New Filter Element and O-Rings

1. See Figure 2. Install a new filter O-ring (10) and filter element (4) on the bottom of the filter head (8).
2. Support the filter bowl (9) and filter bowl O-ring (2) in place at the bottom of the filter head and install the four socket head cap screws (1). Tighten the screws to 325 N•m (240 ft-lb).
3. Install a new O-ring (6) onto the fitting (5). Install the fitting (5) into the filter bowl (9) and tighten securely.
4. Remove the restriction indicator cover (11). Turn the dial (12) clockwise to the CLEAN position. Reinstall the cover.
5. Open the material supply ball valves on either side of the filter.
6. Connect the cable to the electrical connector (13).

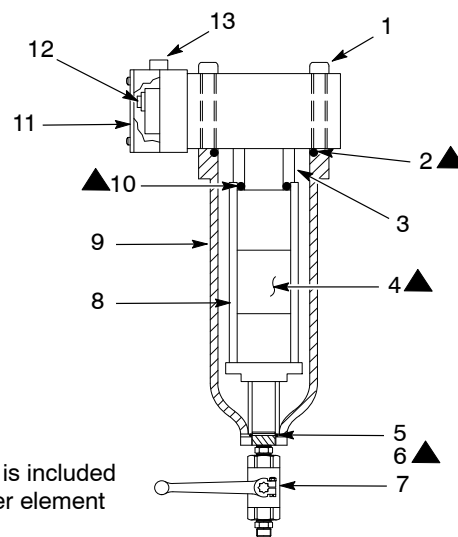


Figure 2 Filter Components

Filter Element Kits

See Figure 2.

Item	Part	Description	Qty
—	169015	20 mesh filter element kit	—
—	149160	30 mesh filter element kit	—
—	178491	60 mesh filter element kit	—
—	1607906	0.40 stab point filter element kit	—
2	942420	• O-ring, Viton, -242	1
4	—	• Filter element, mesh wire	1
6	945039	• O-ring, Viton, -912	1
10	942242	• O-ring, Viton, -224	1
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