

Description

See Figure 1. The Rhino SD2/XD2 Pump Status J-Box module communicates inputs and outputs between the Rhino SD2/XD2 bulk unloader and the cell controller.

The J-Box module receives outputs from the cell controller to illuminate the following lights:

- BULK UNLOADER FAULT (1)
- PUMP RUN (2)
- LOW LEVEL (3)

The J-Box module also receives a Pump Solenoid Valve output that activates the pump air motor.

The cell controller receives inputs from the J-Box module when the following pushbuttons are pressed:

- PURGE (4)
- DRUM CHANGE COMPLETE (5)

The cell controller also receives inputs from the J-Box module for the drum low proximity sensor and the pump stroke proximity sensor.

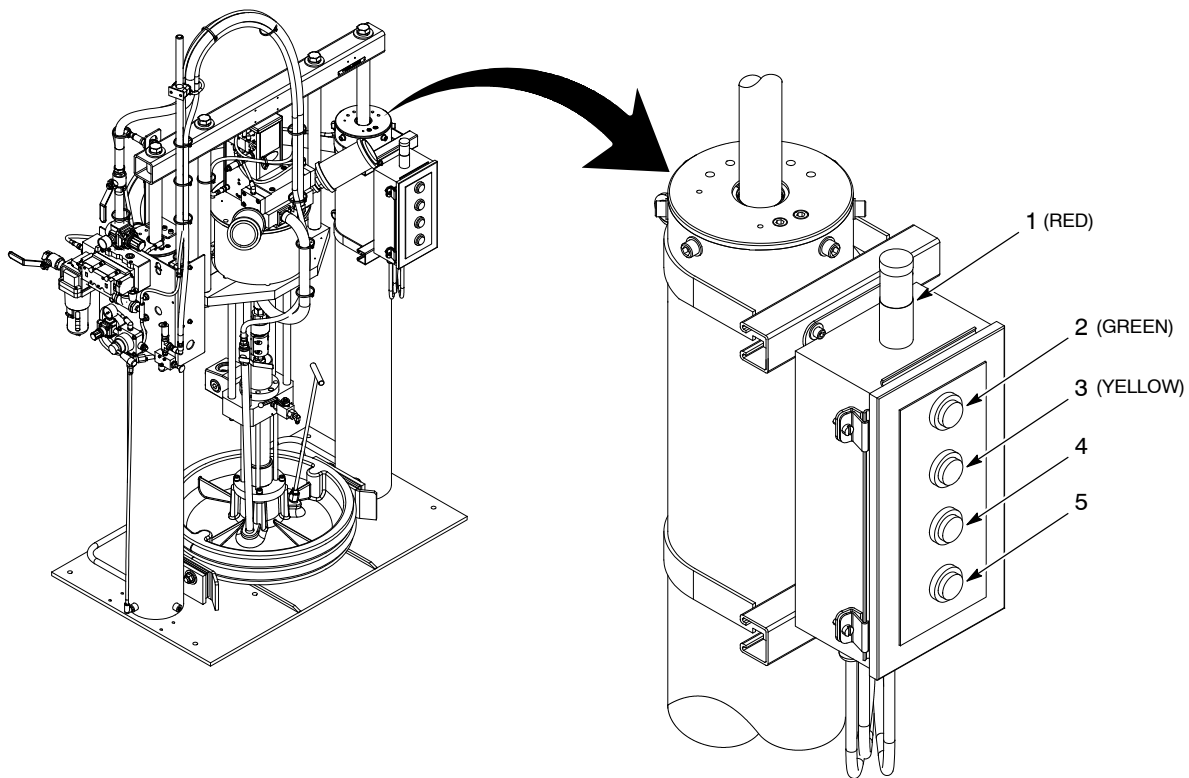


Figure 1 Rhino SD2/XD2 J-Box Pump Status Module

Installation



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

NOTE: Have an assistant help with installing the J-box onto a frame.

1. See Figure 2. Loosen the nuts (3) and screws (4) on the clamps (2). Install the top clamp (2) above the air crossover tube (5).

2. Install the J-box (1) onto the clamps (2). Tighten the nuts (3) and screws (4) securely.

NOTE: The cables between the J-Box and the cell controller are customer-supplied.

3. Connect the cables to the bulk unloader as shown.
4. Use the supplied cable straps to secure the cables.

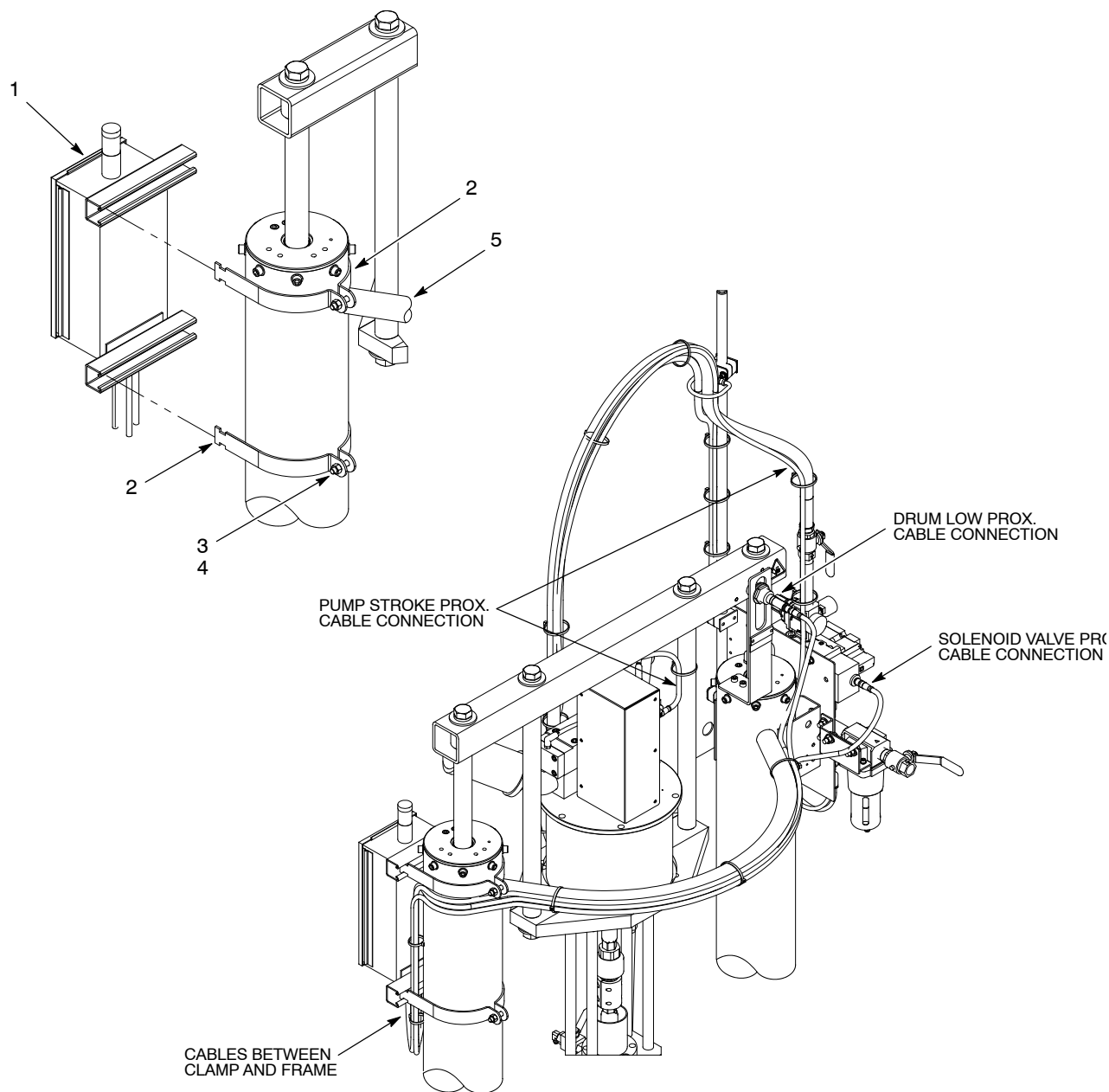


Figure 2 Installation

Parts

See Figure 3. To order parts, call the Nordson Customer Service Center or your local Nordson representative.

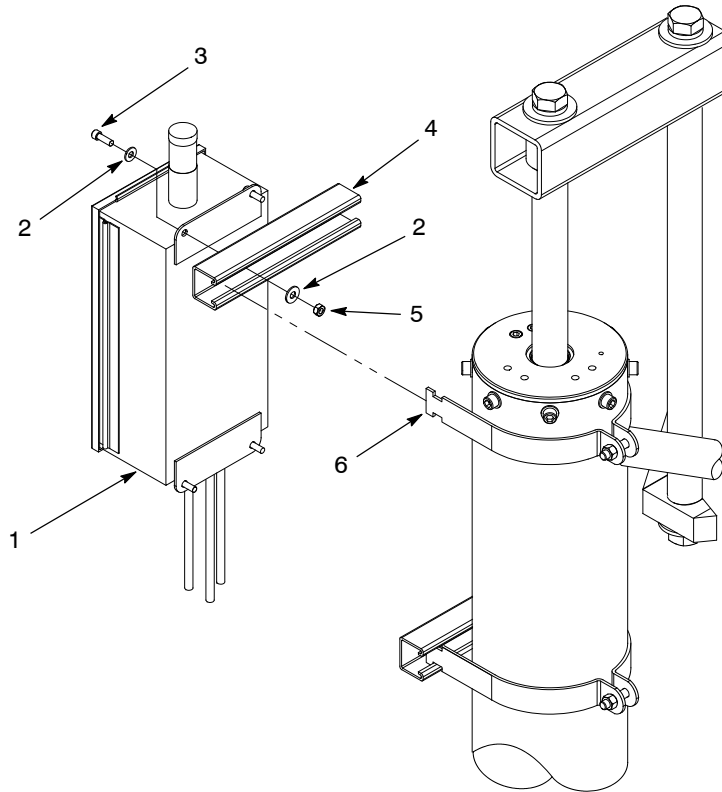


Figure 3 Parts

Item	Part	Description	Qty	Note
—	1082085	Module, J-Box, Pump Status	1	
1	1082301	• J-Box	1	
2	983504	• Washer, flat, 0.281 x 0.734 x 0.063, 14456-GA	8	
3	345750	• Screw, socket, 1/4-20 x 0.75	4	
4	1079574	• Channel, module clamping	2	
5	345836	• Nut, hex, regular, 1/4-20, zinc, 1441-GA	4	
6	1008914	• Clamp, 6.5 in., large frames	2	
NS	324289	• Cable strap	10	
NS: Not Shown				

Schematic

