

OSBORNE

Hog Feeders

U.S. Patent No. 4,353,329, 4,462,338 & 6,199,511
Patented Canada 1984. Others worldwide



RO1 EXPANSION RING

(Part Number FF-00RO1R)

BIG WHEEL FEEDER Installation Instructions

RLX-0502_B

Upon receiving your shipment, check the parts for handling damage in transit. ALERT THE DELIVERING CARRIER IMMEDIATELY if damage is discovered. Continue unpacking only after the carrier has acknowledged the damage and potential loss of contents.

NOTICE

All loss or damage in transit is the responsibility of the delivering carrier, NOT OSBORNE INDUSTRIES. To protect your rights in the event of damage or loss, **sign the delivery waybill only after the carrier has acknowledged in writing that damage or loss has occurred.** In the event that damage is revealed only after unpacking is complete, notify the delivering carrier immediately and request an inspection of the damaged merchandise before proceeding.

Before inserting the RO1 expansion ring into the RO1 hopper bottom, first locate the 1 3/8-in drilled hole in the upper rim of the hopper. Mark a 2-in x 9 1/2-in rectangle around the hole, being sure the hole is inside the rectangle. Using a saw with an abrasive blade, cut along the previously marked lines corresponding to the rectangle as shown in Figure 1.

Next, insert the expansion ring into the hopper bottom. Notice the block portion of the expansion ring fits into the rectangular cutout. Drill a 5/16-in hole approximately 1-in down from the top edge of the fiberglass hopper bottom and 3/4-in from the vertical edge of the cutout. Drill through both the hopper bottom and the expansion ring. Continue drilling 5/16-in holes around the rim of the hopper bot-

Item No.	Qty.	Part No.	Part Name
1.	1	KF-O1R002	RO Expansion Ring
2.	1	KF-O1R001	Expansion Ring Bolt Kit
2a.	45	RFB-1400	1/4-in. x 1-in. HHCS ZP
2b.	45	RFN-1300	1/4-in. Hex Flange WZ Nut ZP
2c.	45	RFW-1100	1/4-in. Flat Washer ZP

tom approximately 8-in on center. Install 1/4-in x 1-in bolts with 1/4-in flat washers into the drilled holes and secure using the 1/4-in flanged WZ hex nut provided. Tighten bolts using a diagonal tightening pattern. Tighten all bolts firmly. **DO NOT OVERTIGHTEN THE BOLTS ON THE FIBERGLASS OR CRACKING MAY OCCUR.**

After all of the bolts have been adequately tightened, apply a wide bead of silicone caulking around the outside joint between the hopper bottom and the expansion ring to prevent moisture from entering the feed hopper.

Complete the assembly of the feeder by following the assembly instructions included with your Big Wheel Feeder. Attach the cone adjust bracket to the expansion ring by inserting the bracket into the 1 3/8-in diameter hole provided. Using the 1/4-in holes in the cone adjust bracket as a guide, drill two 1/4-in holes through the fiberglass. Secure using the bolts and nuts included in the feeder bolt kit.

Place the adapted tin rings onto the expansion ring and fasten following similar steps as outlined in the feeder assembly instructions.

Figure 1

