10" RACK & PINION BIN WELL CONTROLS

Use four 3/8" x 3/4" long (grade 5) hex head bolts with lockwashers and non-lock nuts to attach the housing and tube guide to the mount.

3/8" x 1 1/2" long Roll Pin

Center Bin Fill Gate Control Rods

Drill 3/8" hole in center of 1/2" control gate 1/2" from end for 3/8" long roll pin.

13 Tooth Sprocket (#3)

5/16" x 2 1/4" long Roll Pin

1" I.D. Flat Washer

Attach handle to sprocket shaft with 1/4" x 1 1/4" long (grade 5) hex head cap screw and nut.

Handle (#5)

Use four 5/16" x 1 1/2" long (grade 5) hex head bolts with non-lock nuts to secure mount to half band.

2" Wide Half Band (#6)

Use to secure the mount to the tube.

PARTS LIST

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<th>REF. NO.</th>
<th>PART NO.</th>
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<td>1</td>
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<td>Rack &amp; Pinion Housing Weldment</td>
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<td>2</td>
<td>1012724</td>
<td>Rack &amp; Pinion Chain Shaft</td>
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<td>3</td>
<td>420080</td>
<td># 50 Sprocket 13 Tooth - 1&quot; Bore (with Pin Hole)</td>
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<td>4</td>
<td>1012729</td>
<td>Sprocket Shaft</td>
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<td>5</td>
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<td>Handle Weldment</td>
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<td>6</td>
<td>552941</td>
<td>Tube Guide</td>
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<td>7</td>
<td>631143</td>
<td>Housing Mount</td>
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<td>8</td>
<td>5035A1</td>
<td>Half Band (2&quot; wide)</td>
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CONTROL OPERATION

STEP 1
Bin wall gates are closed.
The rack and pinion chain shaft is fastened to center well control pipe.

STEP 2
To open the center wall gate.
Turn handle to pull the center well control pipe out away from the bin wall.

NOTE: Intermediate well(s) should not be opened until the bin has emptied to where grain will no longer flow into the center well.

STEP 3
To close the center wall gate.
Turn handle so center well control pipe is pushed back towards the bin wall.

To operate the intermediate well gates, fully close the center well control pipe to where a hole in it will align with a hole in the intermediate well control pipe. Install bolt to connect the two control pipes together.

STEP 4
Turn handle to pull both the center well control pipe and intermediate well control pipe out away from the bin wall.

NOTE: With the square attachment for the handle, it may be alternately removed and installed to operate the control if operation of the handle in full circle is restricted in some way.