EMERGENCY WELL CONTROL PIPE KIT
Part No. 1042836
for use with
10” Heavy Duty Power Sweep Auger and 48’ dia. Bin

This kit consists of the components needed for installation of the emergency bin well used with power
sweep bin unload systems. Before beginning the installation process it is suggested to read through
these instructions and make sure all items from the kit are accounted for. This not only helps you become
familiar with the installation procedures, but also makes you aware of tools or materials you may need
to complete the installation process.

The installation, assembly and operating procedures for the bin well and the control pipes are the same
as the instructions detailed in the Owner’s & Operator’s manual provided with the bin unload system.
The only Us difference being the addition of the emergency well.

Refer to the following instructions for location and installation of the emergency well, refer to the Owner’s
& Operator’s manual from the bin unload system for all other assembly and operating procedures.

WARNING! Do Not enter the bin unless all power driven equipment has been shutdown and
locked out.

Electric motors and controls shall be installed by a qualified electrician and must meet the
standards set by the National Electric Code and all local and state codes.

A main power disconnect switch that can be locked in only the “Off” position shall be used.
This shall be locked whenever work is being done to the auger.

Emergency Bin Well Location

The illustration below shows the layout of where the emergency bin well will be positioned in relation to the other bin
wells in the unload system. Continue with the instructions on the following pages for detailed procedures.
Assembly Instructions (con’t.)

The emergency well kit is supplied with two lengths of 1/2” schedule 40 pipe (200” & 84” long), and one length of 1” schedule 40 pipe (212” long). The 1” control pipe may have to be cut to length prior to installation.

Bin well operation for the four intermediate unload bin wells will be done using one sleeve of the rack & pinion control. Use the two 1/2” control pipes (200” & 60” long) furnished with the bin unload system for the two inner intermediate wells. Use the 1” control pipe provided in the emergency well kit for the two outer intermediate wells (See Illustration below).

1. The well spacing for the four intermediate wells will be the same as shown in the charts of the Owner’s manual for bins with a 48’ dia. (also see illustration below). Follow the installation instructions for intermediate wells and control pipes detailed in the Owner’s manual. The connection to the Rack & Pinion Controller will also be the same as outlined in the manual.
2. After the four intermediate wells have been installed, run the control pipes to their respective bin wells and connect to rack & pinion controller. The 1” control pipe used with the two outer wells (and supplied with emergency well kit) may need to be cut to approximately 132” prior to installation. Verify the measurement before cutting the pipe to length (this measurement must include the 14” of pipe extending past the last well in each group.

Use the 1/2” control pipes provided with the unload auger for this section of pipe (the control pipes, 60” & 200” long, are marked “B” in the “Install Control Pipes” section of the manual). Use the 1” control pipe provided in the emergency well kit for the two outer intermediate wells (See Illustration below).

3. Position the emergency well no closer than 24” from center well (the center well gate needs to be allowed to fully open, See Fig. 1 on Page 3). Install the well according to the instructions provided with the bin unload system.
4. Install the 1/2” control pipes furnished with the emergency well kit. The end of the control pipe must not extend past the edge of the well gate (See Fig. 1 on Page 3).
5. Extend the control pipe past the rack & pinion controller so there is enough length so that when the handle is installed the well gate can function properly. If necessary, cut the pipe to desired length.
6. Attach the handle to the end of the control pipe (See Fig. 2 on Page 3). Most control pipes are predrilled, if necessary, drill an 11/32” dia. hole at the end of the pipe for insertion of the roll pin. Secure the handle using two (2) 5/16” x 3/4” carriage bolts, flat washers, lock washers and non-lock nuts.
7. After all components have been assembled, check all fasteners and hardware for tightness. Ensure all well gates open and close completely and operate without interference. Make any necessary adjustments before operating the system.

---

**Emergency Well Control Pipe Kit**

**Parts List**

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1025025</td>
<td>Pipe, 1/2&quot; Sch. 40 (205&quot; long)</td>
</tr>
<tr>
<td>2</td>
<td>1025027</td>
<td>Pipe, 1/2&quot; Sch. 40 (84&quot; long)</td>
</tr>
<tr>
<td>3</td>
<td>1038878</td>
<td>Pipe, 1&quot; Sch. 40 (212&quot; long)</td>
</tr>
<tr>
<td>4</td>
<td>41089</td>
<td>Coupler, Threaded f/ 1/2&quot; pipe</td>
</tr>
<tr>
<td>5</td>
<td>52154</td>
<td>Handle, Bin well Control pipe</td>
</tr>
<tr>
<td>6</td>
<td>50471A1</td>
<td>Clamp, Control Gate</td>
</tr>
<tr>
<td>7</td>
<td>33243</td>
<td>Pin, Roll 5/16&quot; x 1 3/4&quot;</td>
</tr>
<tr>
<td>8</td>
<td>33151</td>
<td>Nut, 5/16-18 Non-Lock</td>
</tr>
<tr>
<td>9</td>
<td>33144</td>
<td>Washer, 5/16&quot; Lock</td>
</tr>
<tr>
<td>10</td>
<td>33023</td>
<td>Washer, 5/16&quot; Flat</td>
</tr>
<tr>
<td>11</td>
<td>1002238</td>
<td>Bolt, 5/16-18 x 3/4&quot; Carriage</td>
</tr>
<tr>
<td>12</td>
<td>1002216</td>
<td>Bolt, 5/16-18 x 2&quot;</td>
</tr>
</tbody>
</table>