Quick Sheet Instructions

780350 –Tube Mounted Prox Switch

PVC Tube NOT INCLUDED
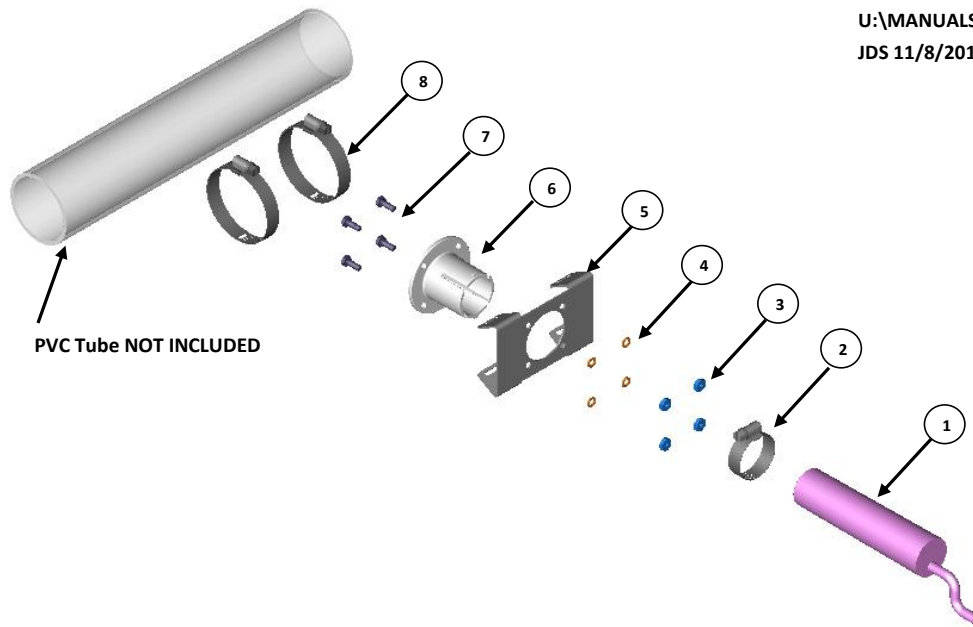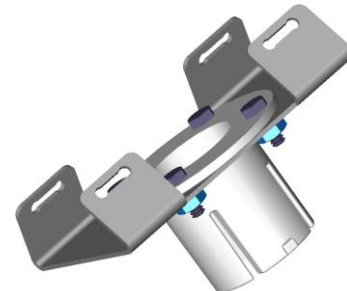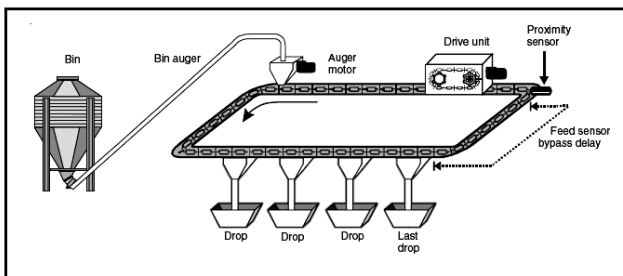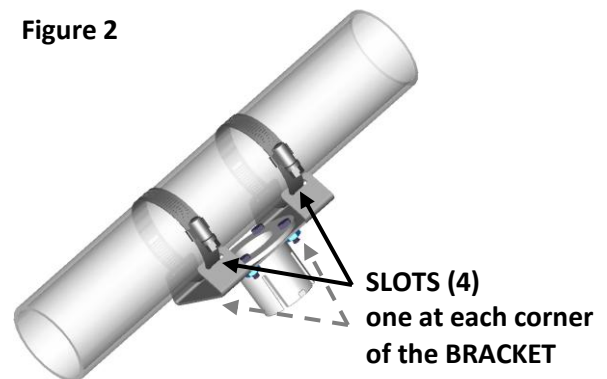
Proximity Sensor Mounting

1. Place the Proximity Sensor BASE (#780055) through the back side of the Mounting BRACKET (#780048) and secure together using the #10-24 Hex Bolts (4), #10 SS Medium Split Lockwasher and #10-24 SS Machine Screw Nut . *Heads should be on the inside of mounting bracket and washer and nut to the outside as figure 1 to the right shows.*

2. Slide the 2-1/2" Hose Clamps (#780122) through the Proximity Sensor Mounting BRACKET (#780048) slots to a CLEAR section of PVC tubing *(as shown in Figure 2 to the left. (So not tighten at this time – position the proximity switch after the last drop tube and before the Chain Disk Feed System drive unit as shown in drawing below).*

Figure 1

Figure 2

**SLOTS (4)
one at each corner
of the BRACKET**

Figure 3

(2) 2-1/2" Hose Clamps

(1) 1-1/2" Hose Clamp

3. Adjust the mounting bracket so the proximity sensor will sit at a 45 degree angle from top or bottom and tighten the (#780122) 2-1/2" Hose Clamps.
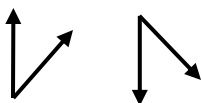
4. Place the (# 1-1/2" hose clamp over the top of the proximity sensor base *as shown in Figure 3 to the right and do not tighten until you have inserted the proximity sensor).*

5. Position the Proximity Sensor inside the Proximity Sensor BASE making sure the Proximity Sensor is **touching** the clear PVC tube *as shown in Figure 4 to the right.*
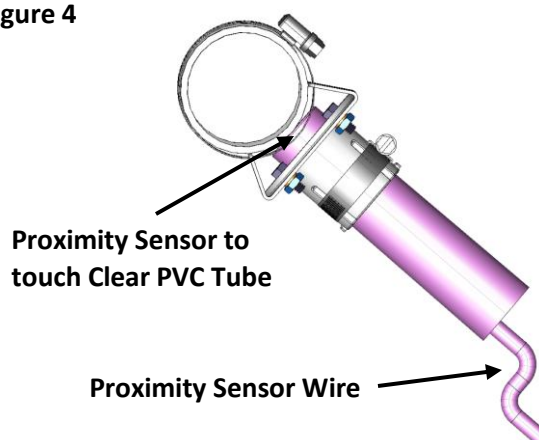
6. Tighten the 1-1/2" hose clamp over the proximity sensor and proximity sensor base.

7. Attach the Proximity Sensor wire to the Feed Control as instructed in the Feed Control manual.
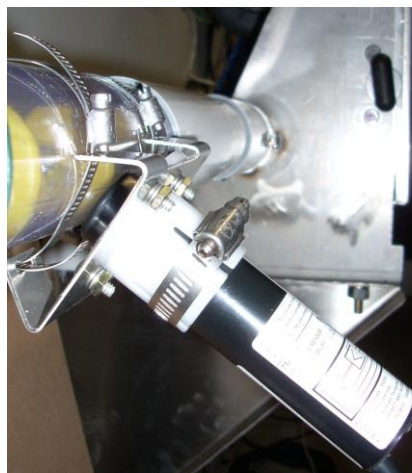
Figure 4

Proximity Sensor to touch Clear PVC Tube

Proximity Sensor Wire
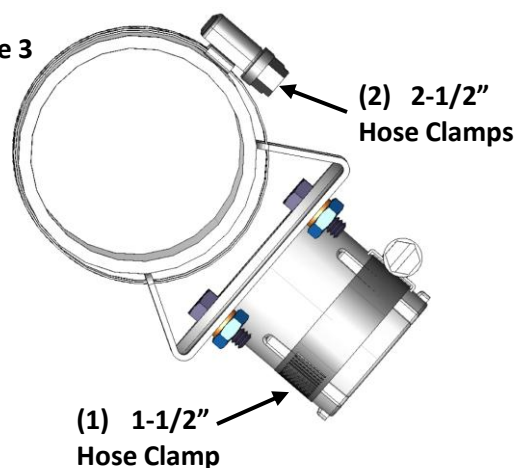
KEY#	PART #	DESCRIPTION	QTY
1	750418	Switch, Proximity (220 Volt)	1
2	730282	1-1/2" SS Hose Clamp	1
3	012686	#10-24 SS Machine Screw Nut	4
4	012687	#10 SS Medium Split Lockwasher	4
5	780048	BRACKET, Proximity Mounting	1
6	780055	BASE, Switch Mounting w/ hole	1
7	780275	#10-24 x ½" SS Hex Bolt	4
8	780122	2-1/2" SS Tube Clamp	2