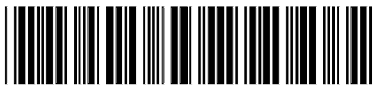


# Top Auger Trash Spreader Pan

## Installation Manual

**PNEG-833**

Date: 8-13-2007



PNEG-833

## **SAFETY FIRST**

### **General Safety Statements**

The GSI Group Inc.'s Principal concern is your safety and the safety of others associated with grain handling equipment. We want to keep you as a customer. This manual is to help you understand safe operating procedures and some problems which may be encountered by the operator and other personnel.

As owner and/or operator, it is your responsibility to know what requirements, hazards and precautions exist and inform all personnel associated with, or in the area of the Fill/Feed System. Safety precautions may be required from the personnel. Avoid any alteration to the equipment. Such alterations may produce a very dangerous situation, where serious injury or death may occur.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



# **DANGER**

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury



# **WARNING**

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



# **CAUTION**

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

# **CAUTION**

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



## **BE ALERT!**

### **Danger!**

Personnel operating or working around electrical equipment should read this manual. This manual must be delivered with equipment to its owner. Failure to read this manual and its safety instructions is a misuse of the equipment.

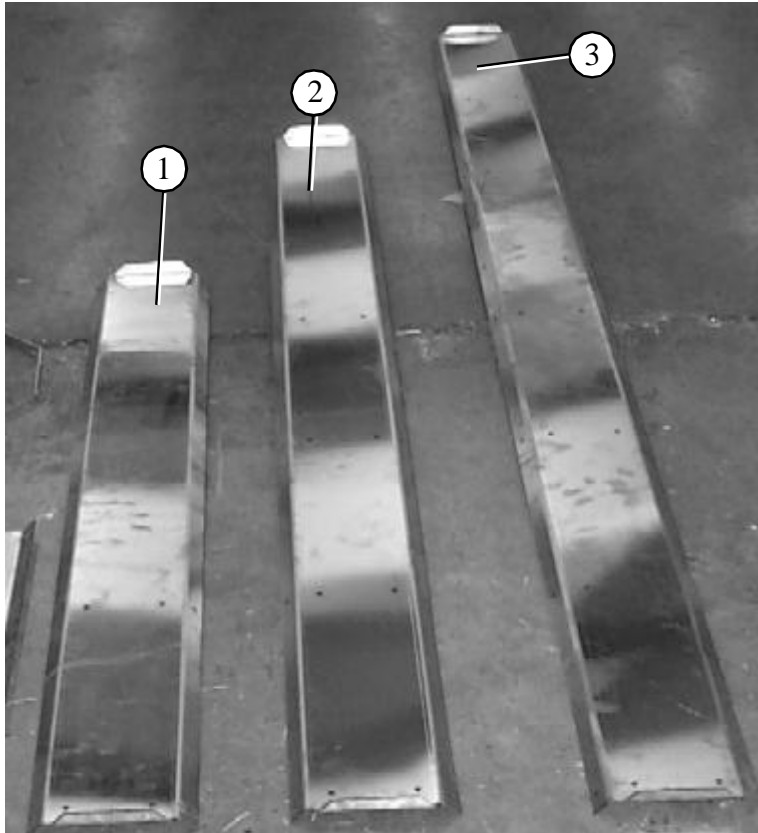
### **Important!**

This product may have sharp edges! To avoid injury handle sharp edges with caution and use proper protective clothing and equipment at all times.

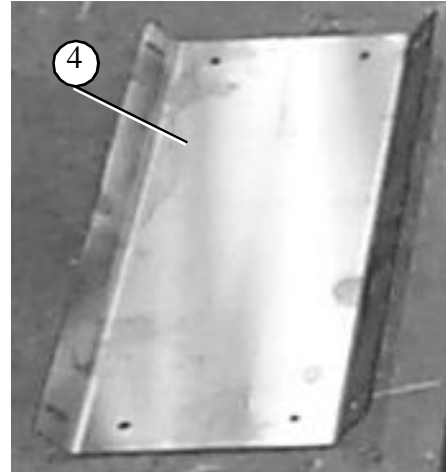
The GSI Group Inc. recommends that you shut off all power supplied to your Top Auger while installing this additional equipment. This will reduce the risks of injury associated with the Rotating Flying Assembly.

If you have any questions regarding installation and safety, please contact your GSI, Inc. representative.

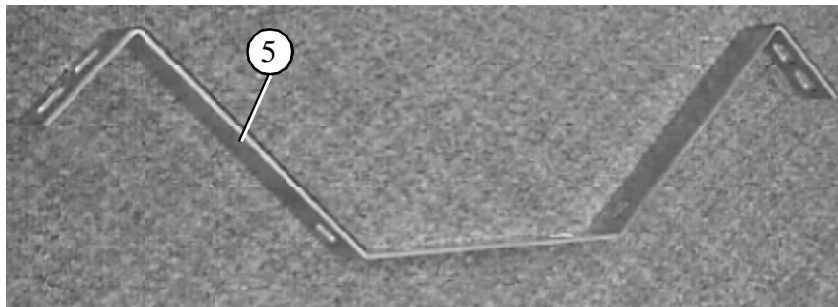
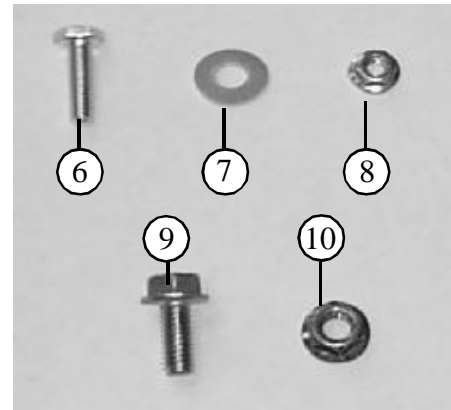
Stainless Steel Trash Pans



Stainless Steel Trash Pan Splice



Trash Pan Hardware

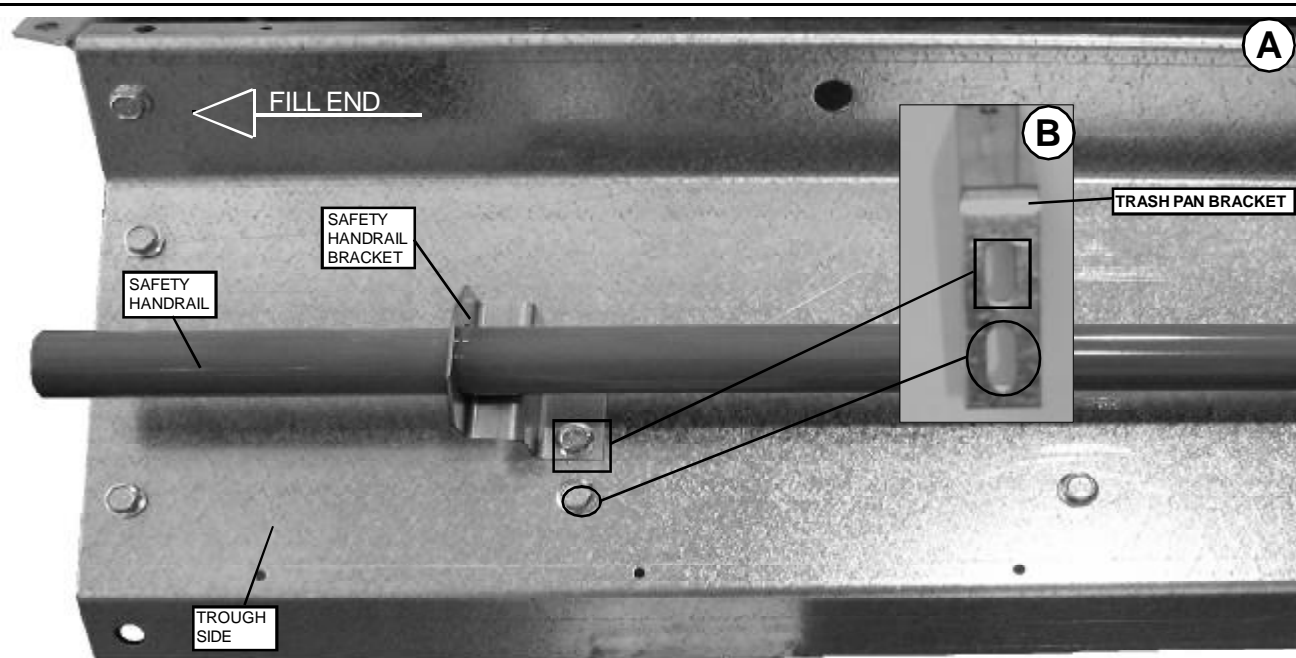


Trash Pan Bracket

ITEM No.	PART No.	DESCRIPTION	TP-08	TP-10	TP-12	TP-14	TP-16	TP-18	TP-20	TP-22	TP-26
1	D01-0753S	TRASH PAN, 5' SECTION	1			2	1	1		2	1
2	D01-0655S	TRASH PAN, 7' SECTION		1			1		1	1	1
3	D01-0754S	TRASH PAN, 9' SECTION			1			1	1		1
4	D01-0697S	TRASH PAN SPLICE				1	1	1	1	2	2
5	D01-0656	TRASH PAN BRACKET, WET BIN	4	6	8	9	10	12	14	15	18
6	S-6998	BOLT HHCS 1/4-20 x 1"	16	24	32	32	40	48	56	56	72
7	S-1430	WASHER, FLAT 1/4"	16	24	32	32	40	48	80	56	72
8	S-7215	NUT, FLANGE 1/4-20	16	24	32	32	40	48	56	56	72
9	S-6606	BOLT, FLANGE 5/16-18 x 3/4"	8	12	16	16	20	24	28	28	36
10	S-3611	NUT, FLANGE 5/16-18	8	12	16	16	20	24	28	28	36

**Important Safety Precautions:**

Dryer has sharp edges.  
 These sharp edges may cause serious injury.  
 Use appropriate Personal Protective Equipment.  
 Use proper lifting techniques.



Install the **TOP AUGER TRASH SPREADER PAN** under the top auger at the fill end of the dryer.  
 The first trash pan will actually begin approximately 8 inches from this end. Follow these instructions for proper placement.

**Top Auger Trash Spreader Pan  
 Installation**

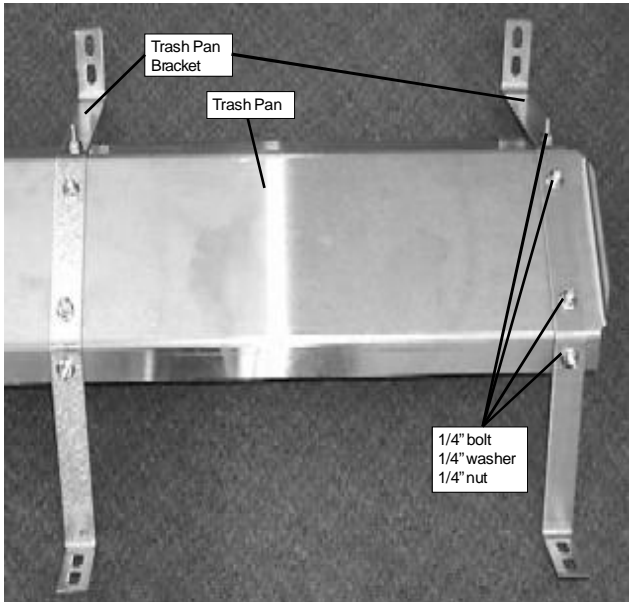
1. Begin by starting on the fill end of the dryer. Mount the first trash pan bracket using the bottom bolt of the first safety handrail mounting bracket and the bolt right below that (see picture above).
2. Measure the hole pattern of the first trash pan, because not all trash pan mounting bracket holes are the same distance apart. Use the chart below for trash pan placement. Use the bolts that are spaced every 8 inches, just under the handrail, as one of the mounting holes for the next trash pan bracket (most trash pan holes are 16 inches apart, but not all). If the next trash pan bracket is at a point that does not have a handrail bracket then a 3/8" hole will have to be drilled 1" above the existing mount bracket hole.

DRYER BASKET LENGTH										
8 ft	10 ft	12 ft	14 ft	16 ft	18 ft	20 ft	22 ft	26 ft	34 ft	38 ft
5'	7'	9'	7'	7'	7'	9'	7'	7'	7'	7'
			3'	5'	7'	7'	7'	7'	7'	9'
							3'	7'	7'	9'
									7'	7'

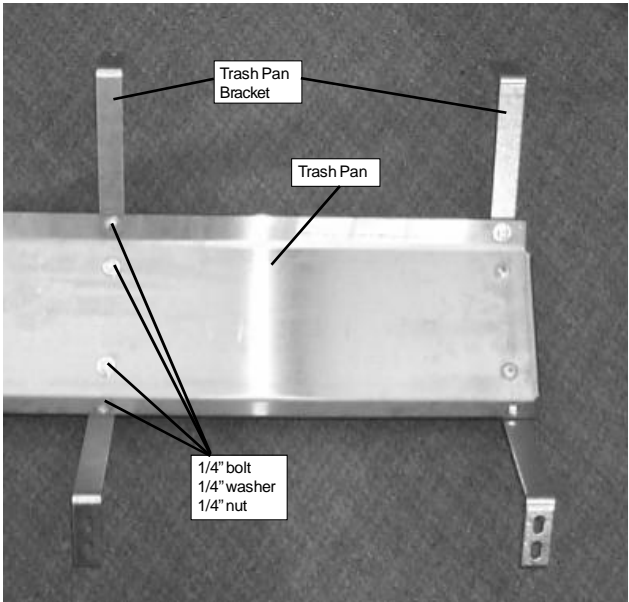
Find the length of your dryer and follow that column down to find the order in which the different length of trash pans are installed (starting from the fill end of the dryer).

3. After all the holes for the trash pan brackets are drilled bolt the brackets to the trash pan sections. If your kit has more than one section do not bolt the bracket at the splice end to the trash pans until they have been mounted in the auger housing. After trash pans are in place then lay your splice in the gap between the sections and then bolt the remaining brackets to the assembly. Remember that the longest trash pan section starts at the fill end of the dryer then the next longest and so on (except in the case of 38' dryers, see chart above). Refer to the photographs on the next page to help you assemble the trash pan section.

(NOTE: The photographs showing the splice installed before the assembly has been put in the dryer are for reference. Splice the trash pan sections together after they have bolted into the auger housing as described in step 3.)

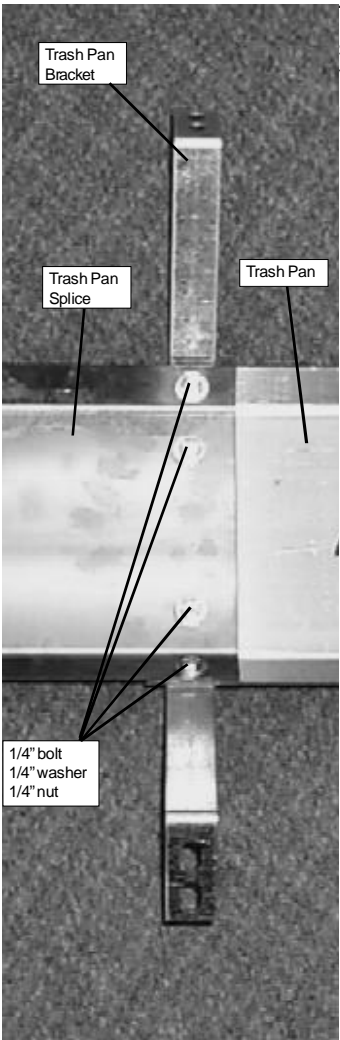
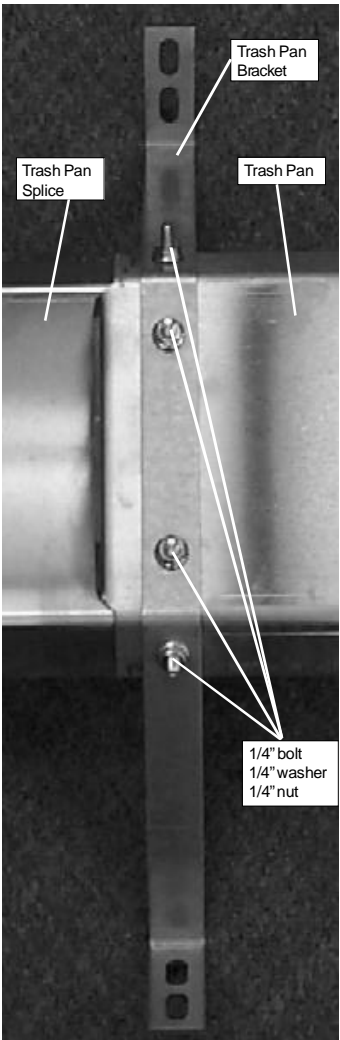


Trash pan and brackets bolted together. View of bottom side of trash pan.



Trash pan and brackets bolted together. View of top side of trash pan.

Trash pan, bracket, and splice bolted together. View of bottom side of trash pan.



Trash pan, bracket, and splice bolted together. View of top side of trash pan.

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**This Equipment shall be installed in accordance with the current installation codes and applicable regulations which should be carefully followed in all cases. Authorities having jurisdiction should be consulted before installation occurs.**



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