




# Top Auger Trash Spreader Pan



## Installation and Operation

Owner's Manual  
PNEG-833



a division of  
THE GSI GROUP





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### 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 Flighting Assembly.

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

### Top Auger Trash Spreader Pan Installation

Begin by starting on the fill end of the dryer, under the first safety handrail mounting bracket, by drilling a 3/8" hole at the dimple location (see fig. 1).

Using the hole pattern of the longest trash pan in the kit and the dimples on the top auger trough side as guidelines, drill the rest of the holes for the first trash pan section.

If a splice pan is included in the kit, drill a 3/8" hole 16" from the center of the last hole drilled. Using the last hole drilled as first hole of the trash pan, use dimples to drill 3/8" holes to match the hole pattern of the second longest trash pan section.

If a second splice pan is included in the kit, drill 3/8" hole 16" from the center of the last hole. Using the last hole drilled as first hole of trash pan, use dimples to drill 3/8" holes to match the hole pattern of the shortest trash pan in the kit (see fig. 2)

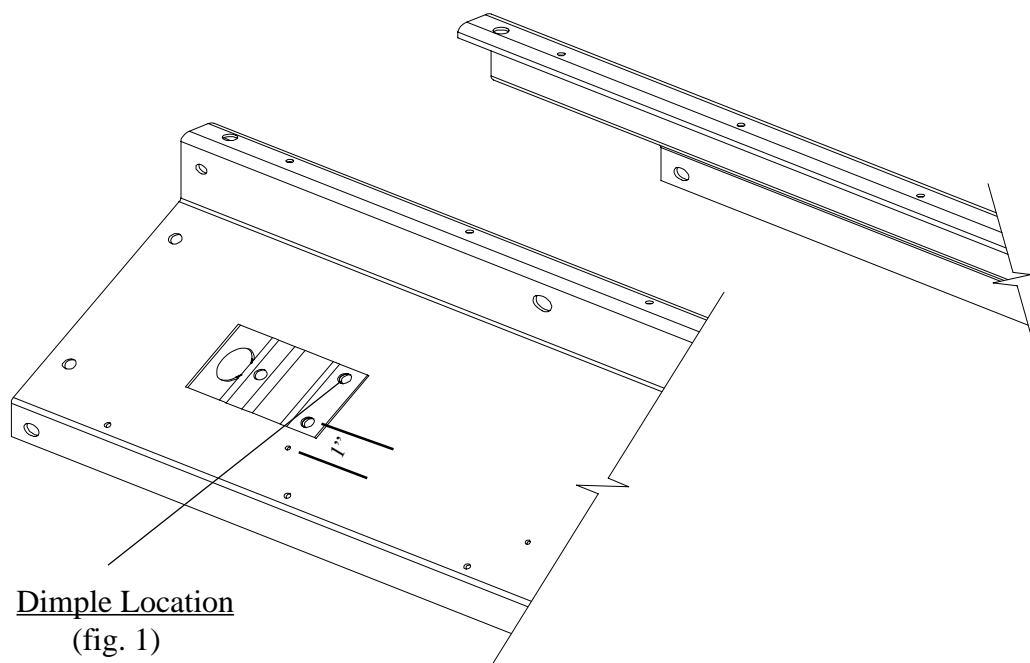
### IMPORTANT:

#### Note for Installation on Pre-'99 Dryer Units

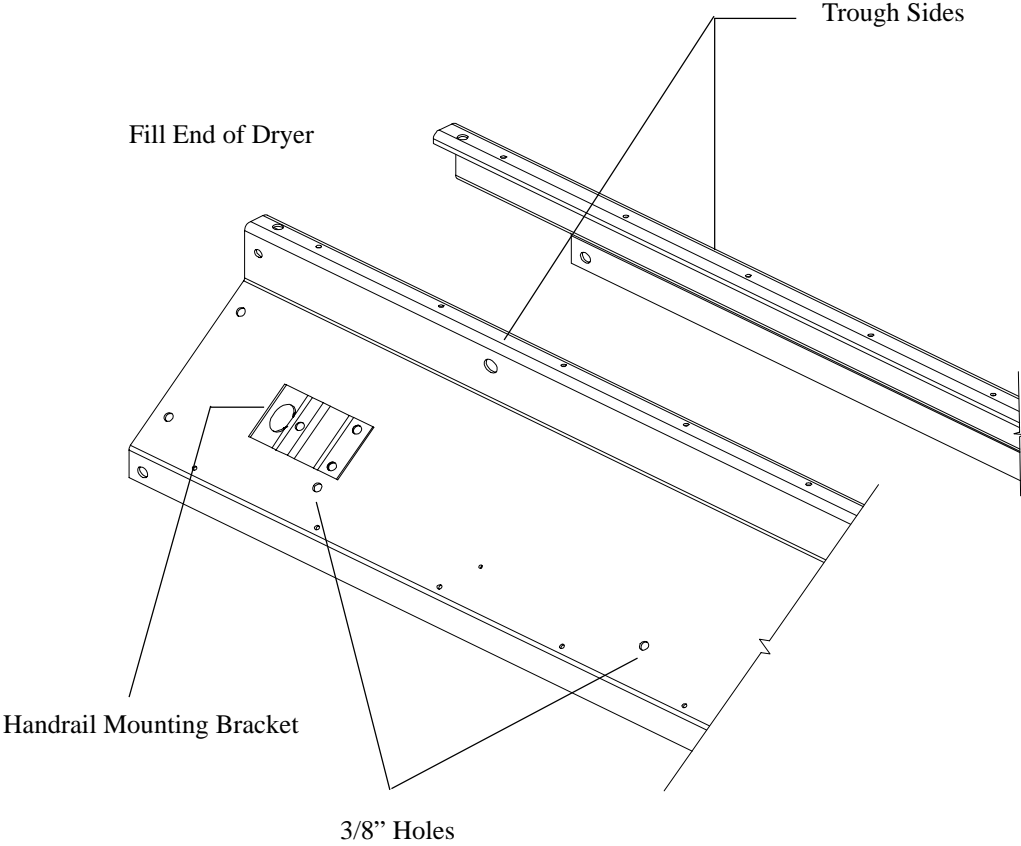
For installing this kit on Pre-'99 dryer units, please note that dimples are in-line with the bottom bolt of the handrail mounting bracket (see fig. 3). Start at the fill end of the dryer and measure down 1" from the center of the bottom bolt of the safety handrail bracket. Punch at this location. Using the hole pattern of the longest trash pan in the kit, punch the holes 1" down from the dimples in the top auger trough side.

If a splice pan is included in the kit, punch 16" from the center of the last punch locations.

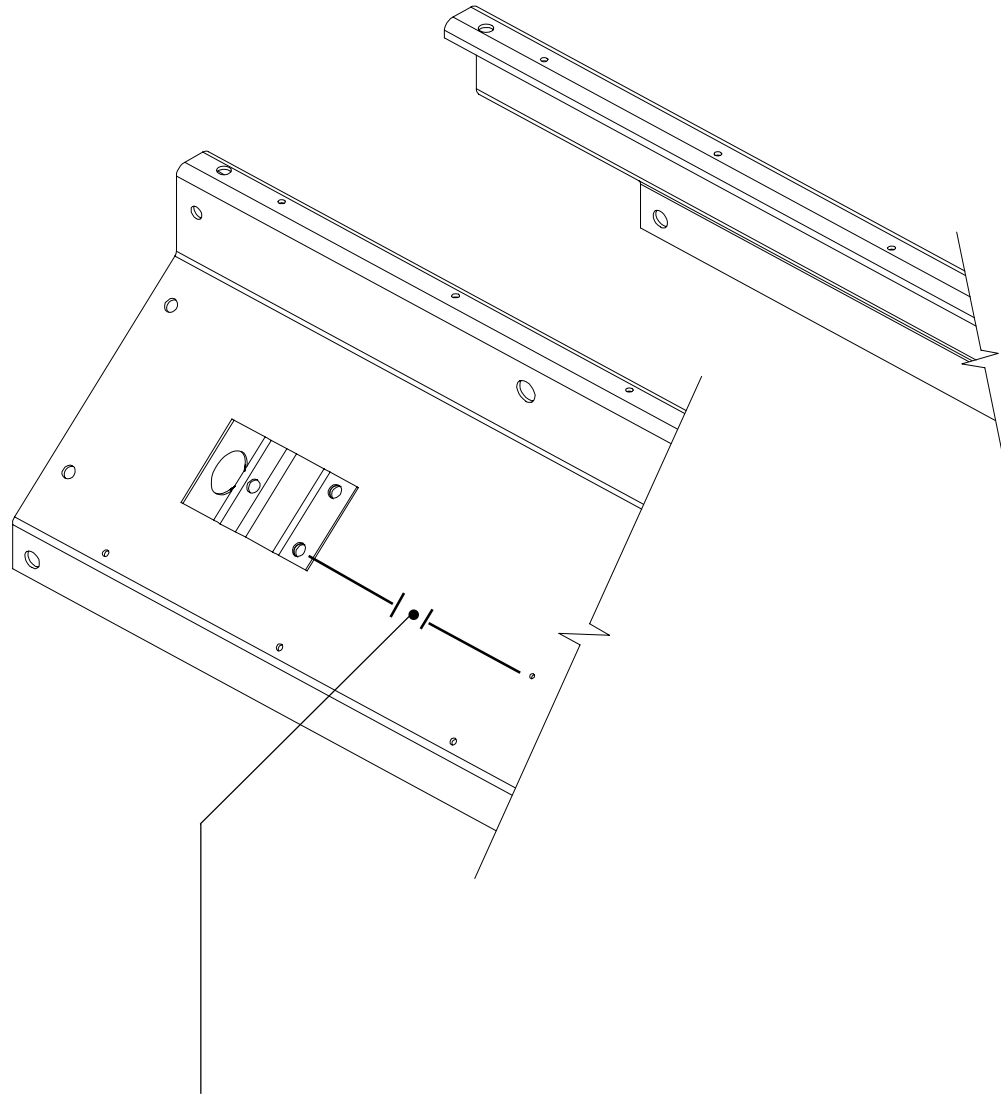
If a second splice pan is included in the kit, punch 16" from the center of the last punch, 1" below the dimple. Using the last hole punched as first hole of trash pan, punch to match the hole pattern of the shortest trash pan in the kit. Drill 3/8" holes at the punch locations (See fig. 4).



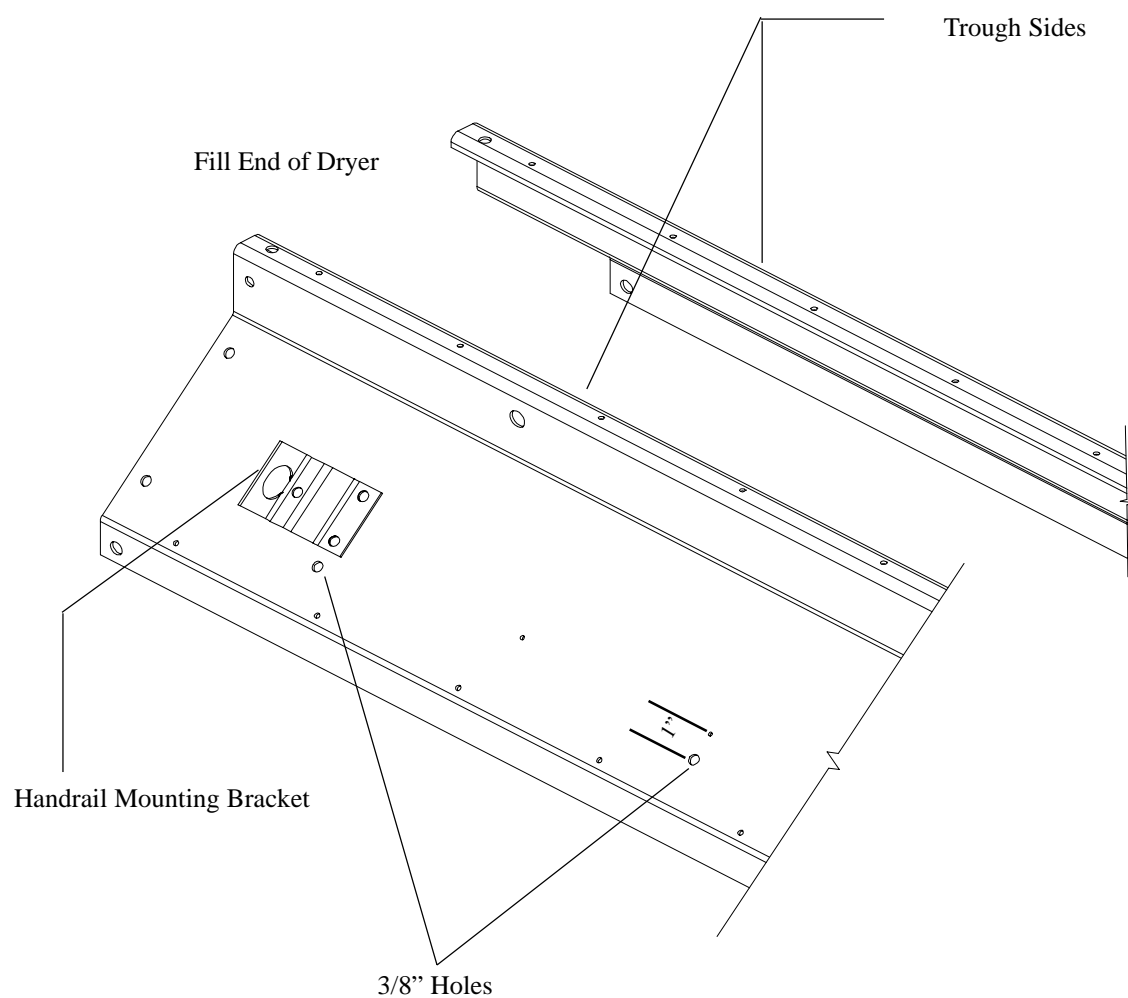
Dimple Location  
(fig. 1)



Hole Location  
(fig. 2)



Dimple Location on Pre-'99 Dryer  
( fig. 3)



Punch & Hole Location

(fig. 4)



**Important:**

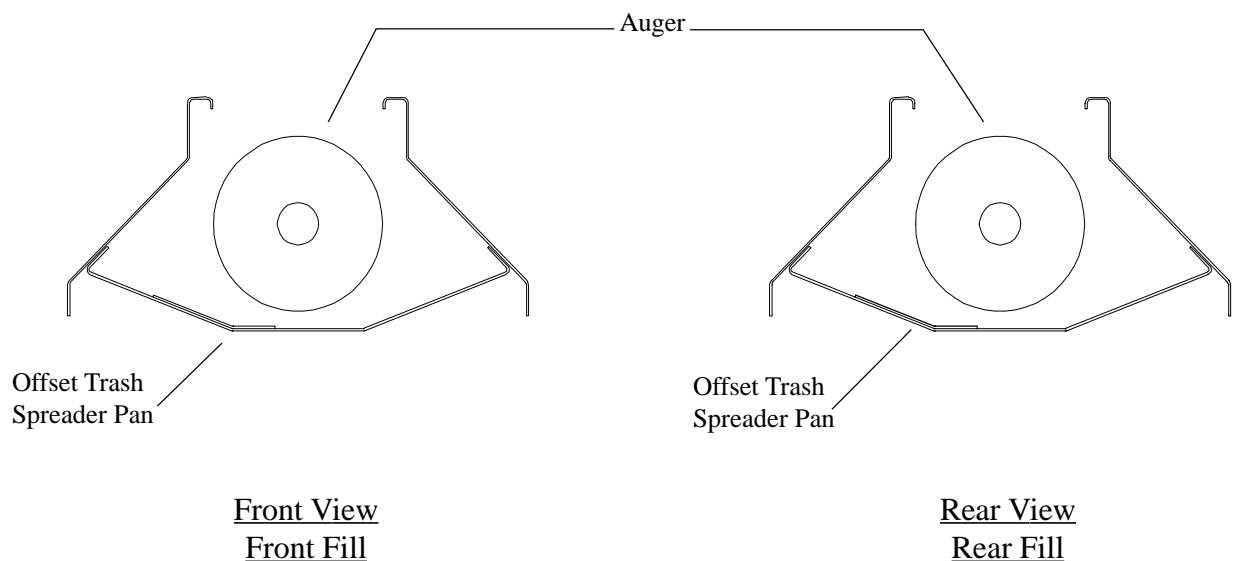
It is important to identify the type of spreader pan you will be installing. The following illustrations will help you prepare for your installation type. Please identify which type of installation is applicable and familiarize yourself with those parts.

**Front Fill**

If the dryer is front filling, the trash pan is located on the right side of the auger, looking at the dryer from the front.

**Rear Fill**

On rear filling driers the trash spreader pan is located on the left side of the auger, looking at the drier from the rear.

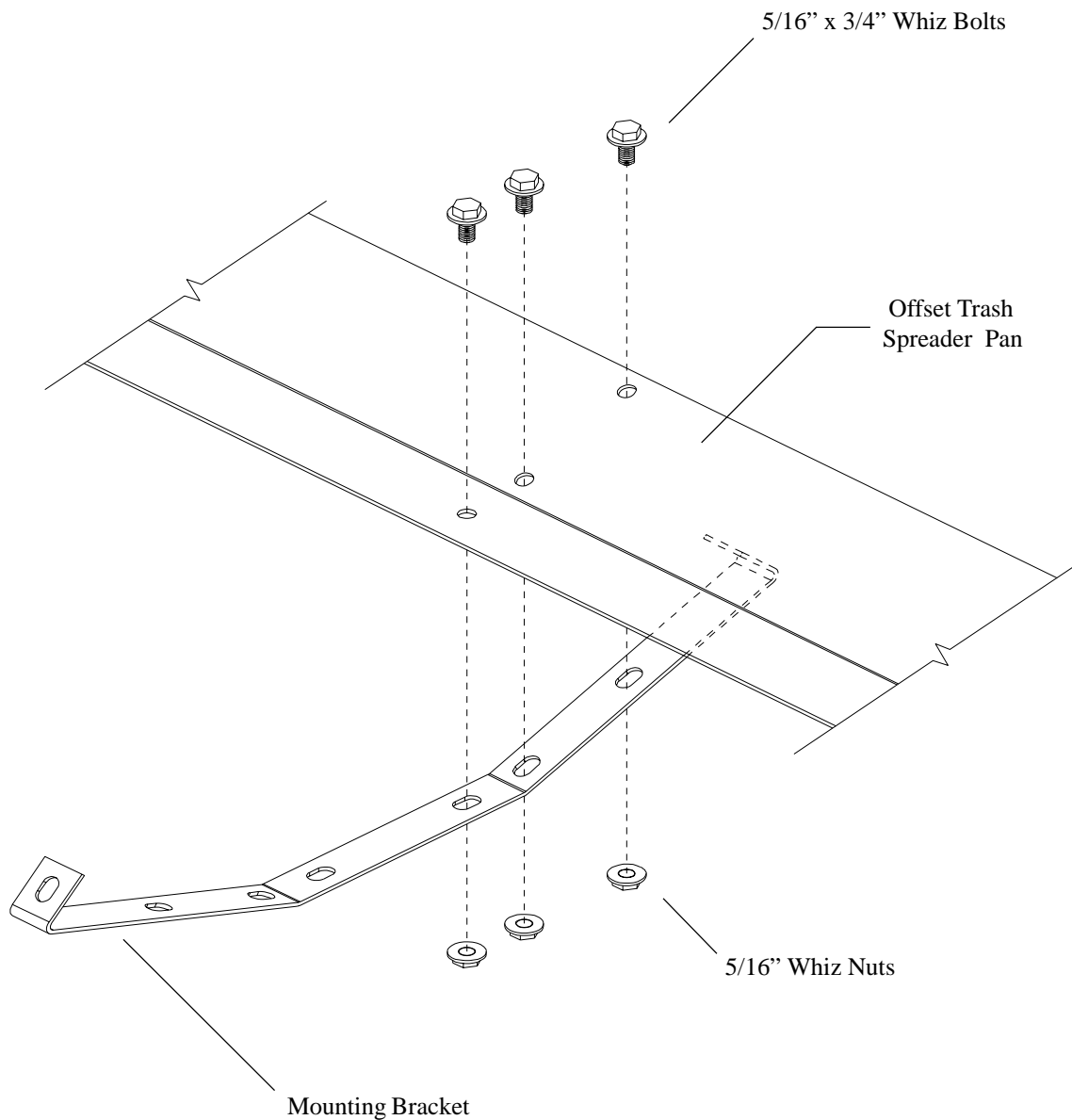


Offset Trash Spreader Pan  
Front and Rear Views

(fig. 5)

### Bracket Assembly

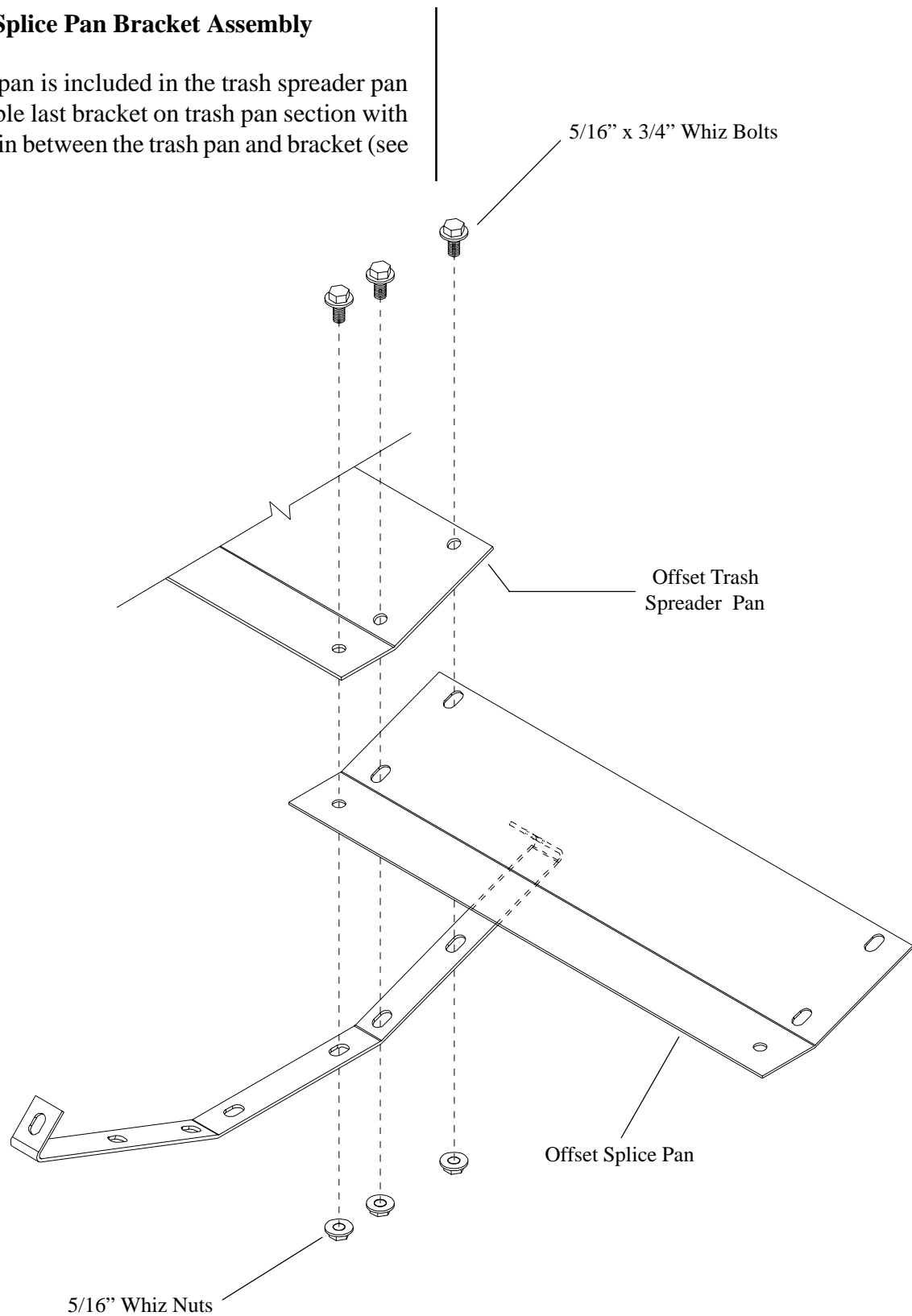
Assemble the trash pan and brackets on the ground. The brackets are to be assembled on the under side of the trash pan using 5/16" x 3/4" whiz bolts and 5/16" whiz nuts (see fig. 6).



Bracket Assembly  
(fig. 6)

**Splice Pan Bracket Assembly**

If a splice pan is included in the trash spreader pan kit, assemble last bracket on trash pan section with splice pan in between the trash pan and bracket (see fig. 7).



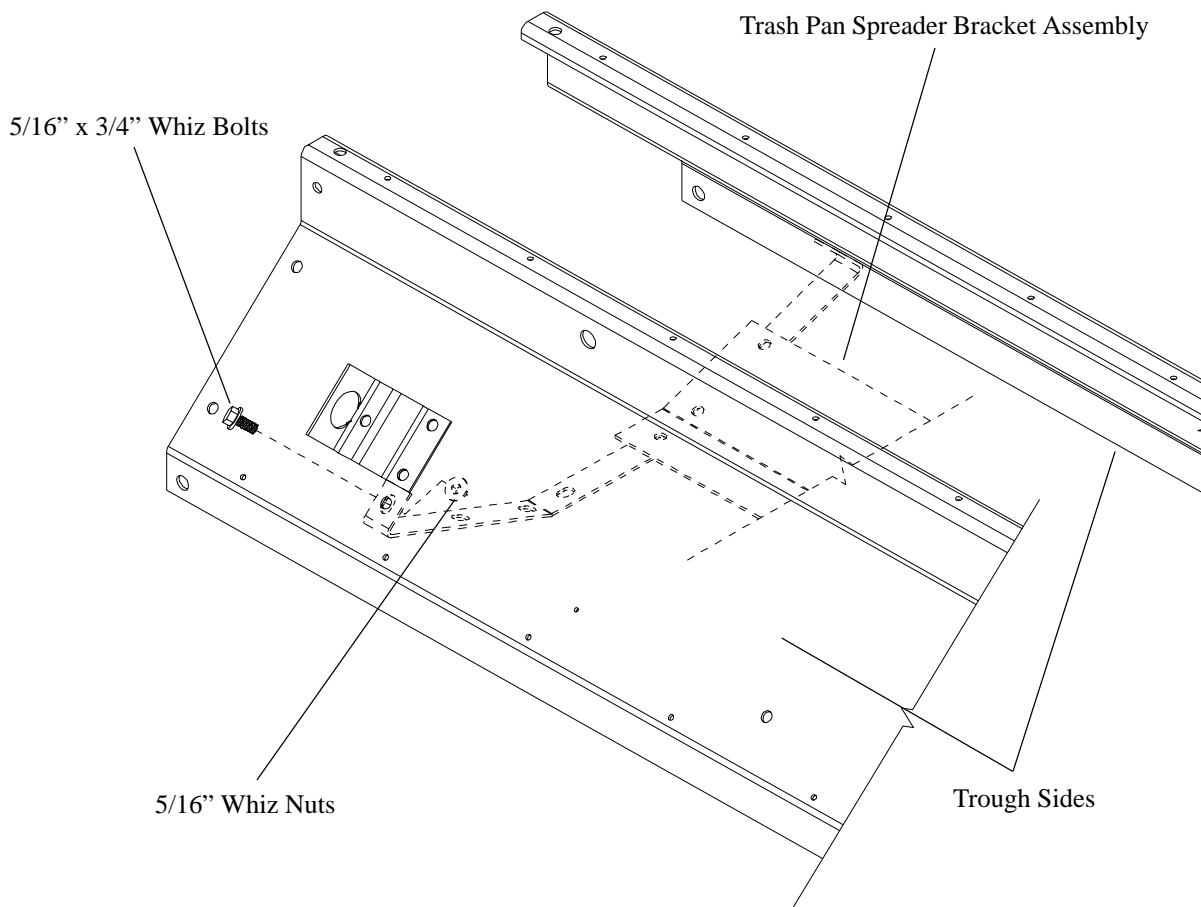
Splice Pan Bracket Assembly  
(fig. 7)

### Trash Pan Spreader Installation

If a second trash pan section is included, assemble the brackets, skipping the first set of holes on the trash pan. If a second splice pan is included in the trash spreader pan kit, follow the above instructions. Assemble the third trash pan skipping the first set of holes.

Install the first section of the trash pan spreader assembly. Use 5/16" x 3/4" whiz bolts and 5/16" whiz nuts (see fig. 8).

Then install the second section, the second longest, of the assembled trash pan if applicable. If a third section is included in the trash spreader pan kit, then install the third assembled section at this time.



Trash Pan Spreader Installation  
(Fig. 8)

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T H E G S I G R O U P

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G.S.I of  
The GSI Group, Inc.  
1004 E. Illinois St.  
P.O. Box 20  
Assumption, IL. 62510-0020

Phone: 217.226.4421  
Fax: 217.226.4420  
e-mail: [gsi@grainsystems.com](mailto:gsi@grainsystems.com)  
internet: <http://www.grainsystems.com>