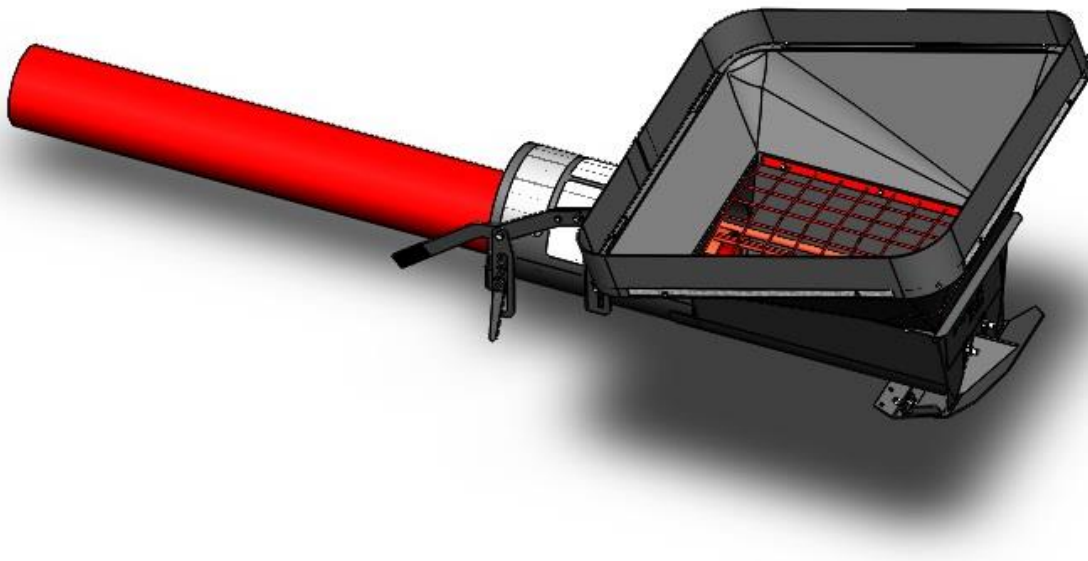




# AUGER HOG

## **Assembly & Operator's Manual** **8"/10" & 12"/13" Units**

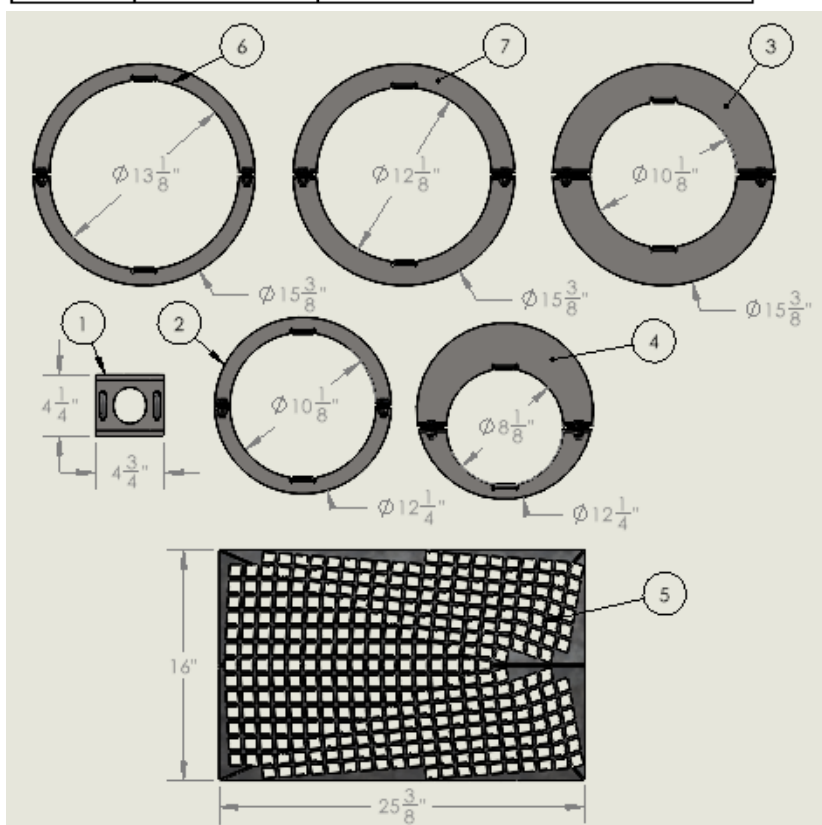


**NOTE:** Gatco Manufacturing believes in continuous improvement and as such, manuals, brochures and specifications are subject to change.

**This manual applies to:**

1. Auger Hog Hopper 8/10" Kit includes:
  - a. Base hopper
  - b. Collapsible top
  - c. Handle set with pin
  - d. Gasket 8x10"
  - e. Auger Adapter Kit
  - f. Not required Gasket 10x10"
2. Auger Hog Hopper 12/13" Kit includes:
  - a. Base hopper
  - b. Collapsible top
  - c. Handle set with pin
  - d. Gasket 12x13"
  - e. Auger Adapter Kit
  - f. Not required Gasket 13x13"
  - g. Brandt 10" Auger requires Gasket 10x13" (GAT-AH02-82) ordered separately

ITEM NO.	PART NUMBER	DESCRIPTION
1	GAT-AH01-02	AUGER ADAPTER KIT WF/WH/FK
2	GAT-AH02-80	GASKET ASSY 10X10"
3	GAT-AH02-82	GASKET ASSY 10X13"
4	GAT-AH02-85	GASKET ASSY 8X10"
5	GAT-AH02-901	FERTILIZER SCREEN 8/10"
6	GAT-AH15-80	GASKET ASSY 13 X 13"
7	GAT-AH15-81	GASKET ASSY 12 X 13"



This product has been designed and constructed according to general engineering standards<sup>a</sup>. Other local regulations may apply and must be followed by the operator. We strongly recommend that all personnel associated with this equipment be trained in the correct operational and safety procedures required for this product. Periodic reviews of this manual with all employees should be standard practice. For your convenience, we include this sign-off sheet so you can record your periodic reviews.

[illegible]

- a. Standards include organizations such as the American Society of Agricultural and Biological Engineers, American National Standards Institute, Canadian Standards Association, International Organization for Standardization, EN Standards, and/or others.



## WARRANTY REGISTRATION



Box 515, Swift Current, SK S9H 3W3

Ph:306-778-3338 sales@gatcomfg.com www.gatcomfg.com

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Installed By: \_\_\_\_\_

Installer Phone: \_\_\_\_\_

### Terms:

1. I have read and understood the installation instructions and the warranty policy.
2. Third Party Installers must be Gatco Certified.
3. Sales receipt required for warranty claim.
4. Warranty is provided for two (2) year from date of sale.

Equipment Purchased:

\_\_\_\_\_  
\_\_\_\_\_

I hereby acknowledge that I have read and agree to the warranty terms listed above.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

◀ Cut to remove and mail, fax or email to Gatco Manufacturing Inc. to register.



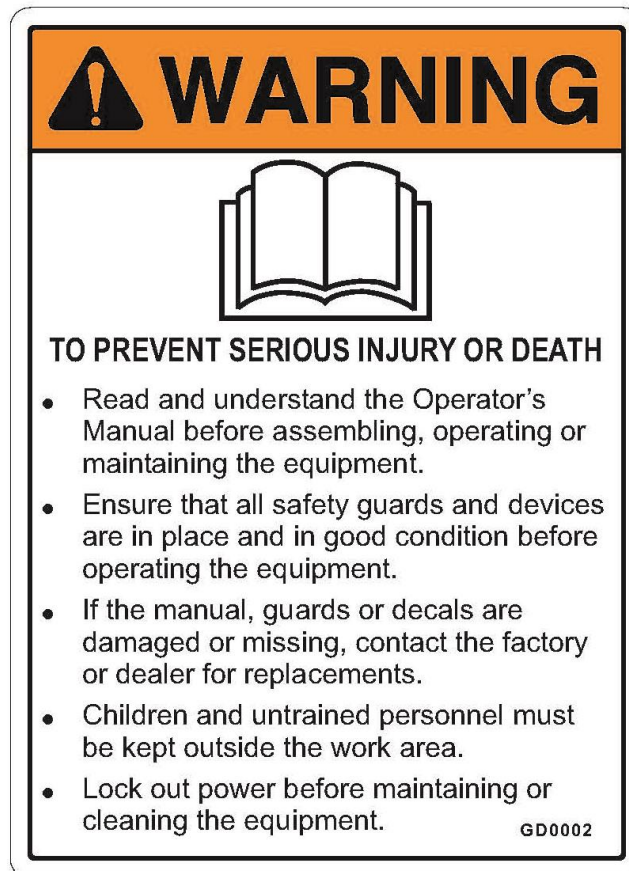
## To the Owner/Operator/Dealer

All implements with moving parts are potentially hazardous. There is no substitute for a cautious, safe-minded operator who recognizes the potential hazards and follows reasonable safety practices. The manufacturer has designed the equipment to be used with all its safety equipment properly attached to minimize the chance of accidents.



READ, UNDERSTAND, and FOLLOW the Safety and Operation instructions contained in this manual before using this equipment. Failure to follow instructions and safety precautions can result in serious injury or death. Keep this manual where it is easily accessible for future reference.

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## 1.0 Introduction

Congratulations. We are confident that your new Gatco Auger Hog will help you get the most out of your grain auger, allowing you to load grain in tight spaces without spillage. Before using this equipment, please read this manual and all safety labels and familiarize yourself with the various features of the equipment and its safe operation.

In addition, anyone using this equipment is required to comply with all safety precautions, described in this manual and on the safety labels attached to the equipment.





## 2.0 Safety



The Safety Alert Symbol combined with a Signal Word, is used throughout this manual and on decals which are attached to the equipment. The Safety Alert Symbol means: “ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!” The Symbol and Signal Word are intended to warn the owner/operator of impending hazards and the degree of possible injury faced when operating this equipment.

The Safety Alert symbol means ATTENTION, BE ALERT! YOUR SAFETY IS INVOLVED.

Note the use of the signal words DANGER, WARNING, CAUTION, and NOTICE with the safety messages. The appropriate signal word for each message has been selected using the definitions below as a guideline.

	Indicates an imminently hazardous situation that, if not avoided, will result in serious injury or death.
	Indicates a hazardous situation that, if not avoided, could result in serious injury or death.
	Indicates a hazardous situation that, if not avoided, may result in minor or moderate injury.
	Identifies a potentially hazardous situation that, if not avoided, may result in property damage.

## 2.1 Auger Manufacturer's Operator's Manual



In addition to the safety instructions included in this manual, READ, UNDERSTAND and comply with the safety instructions included in the operator's manual for your grain auger.

## 2.2 General Safety

**The general safety section includes instructions that apply to all safety practices.**

1. YOU are responsible for the SAFE use and maintenance of your equipment. YOU must ensure that you and anyone else who is going to work around the equipment understands all procedures and related SAFETY information contained in this manual. All accidents can be avoided.

- It is the equipment owner and the operator's responsibility to read and understand ALL safety instructions, safety decals, and manuals and follow them before assembling, operating, or maintaining the equipment.



- The equipment owner is responsible for providing instruction and training on the contents of this manual to personnel before allowing them to operate the equipment. An untrained operator may expose themselves and bystanders to possible serious injury or death.

- Do not modify the equipment in any way. Unauthorized modification may impair the function and safe operation of the equipment and will void the warranty.

- Use this equipment for its intended purposes only.

- Do not allow children, spectators, or bystanders within the work area.

- Have a first-aid kit on hand should it be required.

- Wear appropriate protective gear. This list includes, but is not limited to:

- a hard hat
- gloves
- protective shoes with slip-resistant soles
- protective goggles
- hearing protection



- Before servicing, adjusting, or repairing the equipment, disconnect power to the auger, unplug, place all controls in neutral or off position, stop the engine or motor, remove ignition key or lock out power source, and wait for all moving parts to stop.

## **2.3 Operation Safety**

- Always work with a second trained person who is able to shut down the auger in case of accident.
- Do not operate with safety guards or doors removed.
- Keep body, hair, and clothing away from moving parts.
- Stay away from auger intake during operation.

## **2.4 Maintenance Safety**

- Shut down and lock out all power before attempting maintenance of any kind.
- It should not be necessary to remove the auger flighting guard to service the ADJUSTABLE HOPPER. However, if the auger flighting guard or cleanout doors are removed, they must be reinstalled before operating the auger
- Use only genuine Gatco replacement parts. Replacement parts such as the intake guard must meet ASABE standards or serious injury may result. Use of unauthorized parts will void warranty. Contact Gatco Manufacturing Inc. for further information.

## **2.5 Safety Decals**

- Keep safety decals clean and legible at all times.
- Replace safety decals that are missing or have become illegible. See decal location section for further detail.
- Safety decals are available from Gatco Manufacturing.

## **2.6 Decal Installation**

- Decal area must be clean and dry, with a temperature above 10°C (50°F).
- Decide on the exact position before you remove the backing paper.
- Align the decal over the specified area and carefully press the small portion with the exposed sticky backing in place.
- Slowly peel back the remaining paper and carefully smooth the remaining portion of the decal in place.
- Small air pockets can be pierced with a pin and smoothed out using the sign backing paper.

## 2.7 Decal Locations

1. Illustrations of the safety decals that are attached to the equipment and their location on the equipment are shown below. Familiarize yourself with the safety decals and the safety precautions they describe, to avoid serious, injury, death, or damage to equipment.



Part #: GAT-DECAL00001



Part #: GAT-DECAL00002

MADE IN CANADA DECAL?

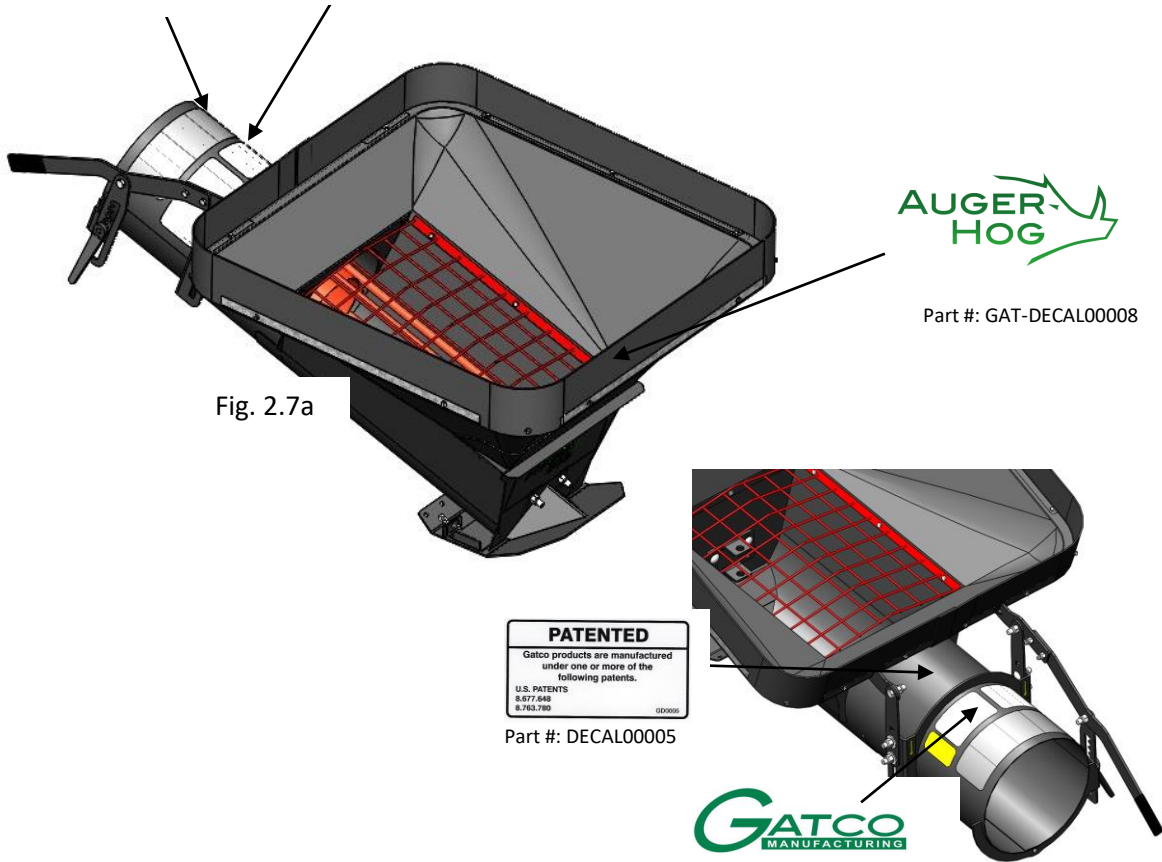


Fig. 2.7a



Fig. 2.7b

## 3.0 Attachment to Auger

### CAUTION

The ADJUSTABLE HOPPER weighs over 100 lbs to 131 lbs depending on size. Because of the weight, 2 or more people will be required to install or remove it from the auger.

#### 3.1 Connect auger to the hopper

1. Remove the auger fighting guard from your auger. The auger fighting guard provided with the ADJUSTABLE HOPPER will replace your original auger fighting guard.

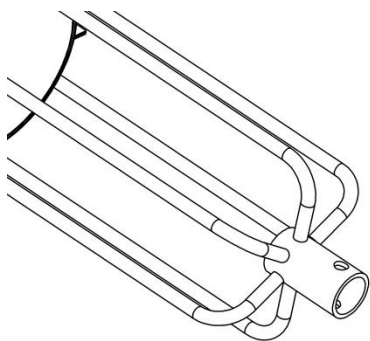
### WARNING

To prevent death or serious injury, DO NOT operate the auger without a fighting guard in place. If the GATCO HOPPER is removed from the auger, the original auger fighting guard provided with your auger MUST be re-installed before operating the auger.

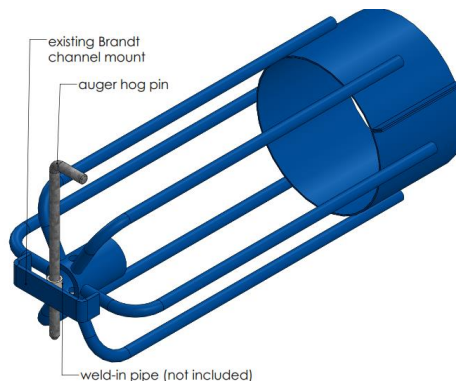
#### 3.2 Add auger specific adapter

1. Standard equipment is provided to fit Sakundiak/Meridian and Brandt style auger end.

Note: Brandt 10" auger requires 12/13" Auger Hog Hopper with Gasket 10x13"

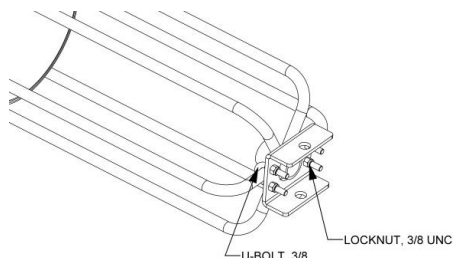


Meridian Intake



Brandt Intake

2. AH01-02 AUGER ADAPTER KIT is required to use Westfield/Farm King/Wheatheart augers. See below; attach the adapter bracket to the auger using the 2 = 3/8" u-bolts and the 4 = 3/8" locknuts. Comes standard with Auger Hog Hopper.



### 3.3 For first time auger hopper mounting

1. Slide your auger into the end of the ADJUSTABLE HOPPER and insert auger hitch into auger end support bracket and insert auger retaining pin.
2. Position the auger end support bracket so that the auger sits on the bottom of the hopper, you may have to slide the bracket down. This adjustment can be made without removing the auger flighting guard using a box end wrench.
3. Once auger hitch and auger end are aligned and auger is as low as possible inside hopper, tighten bolts on auger end.

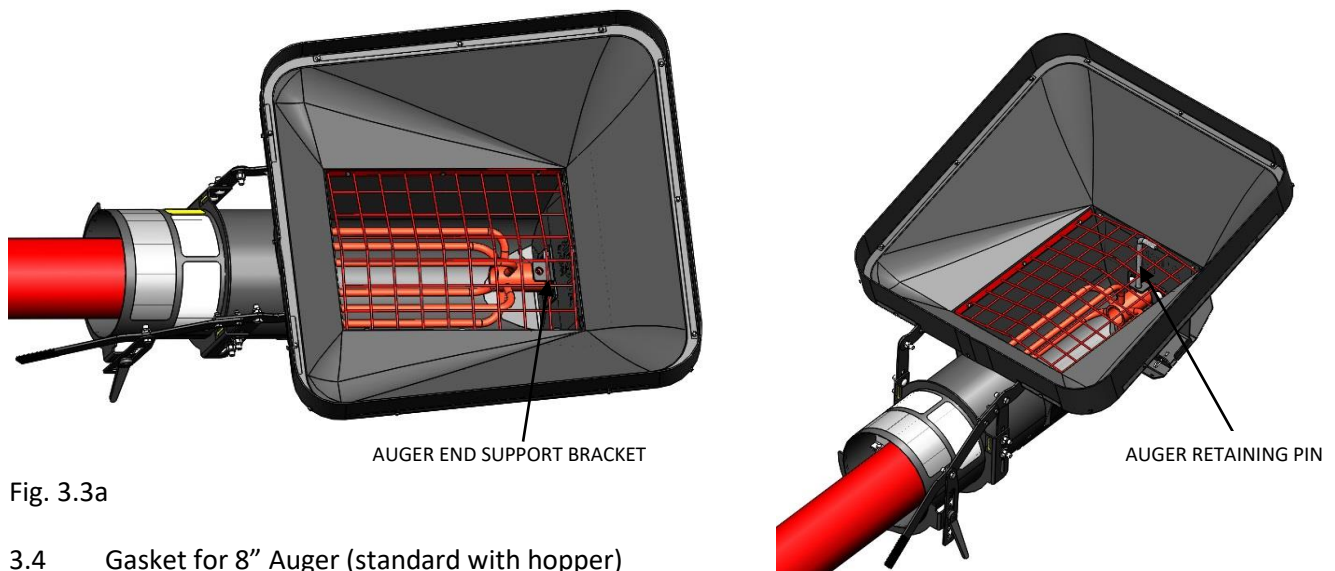


Fig. 3.3a

### 3.4 Gasket for 8" Auger (standard with hopper)

1. Position the two halves of the gasket around the grain auger tube and clamp in place using 1- 3/8 X 1" bolt and locknut on each side. Position the plug so that it is set into the hopper frame about 6" when the retaining pin is in place.

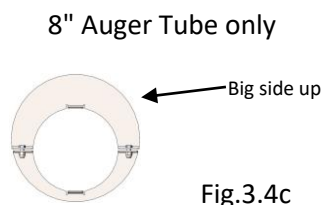


Fig.3.4c

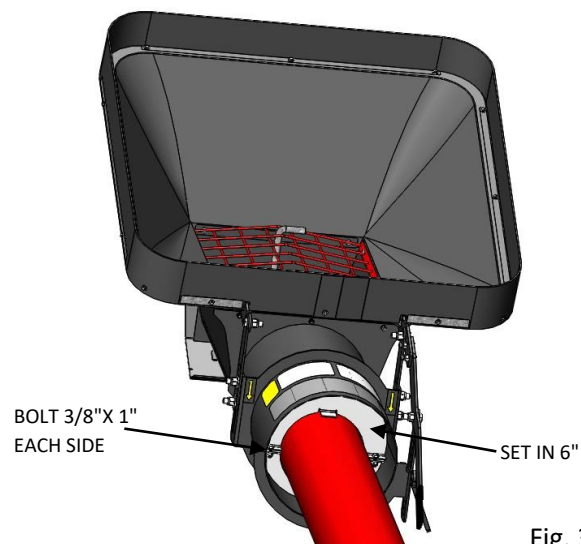


Fig. 3.4d

## 4.0 Assembly Instructions

Tools required: 2=7/16", 2=9/16" & 2=3/4" wrenches/sockets, drill with 1/4" bit.

### 4.1 Assemble handle

1. Remove all parts from shrink wrapped shipping bundle.
2. Bolt handle to the upper frame using 2 = 3/8" x 1-1/4" bolts and locknuts.

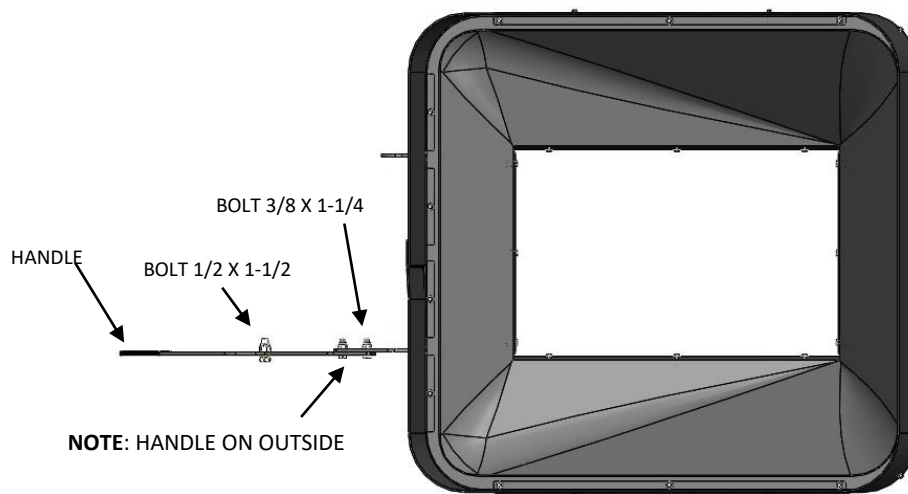


Fig. 4.1a TOP VIEW

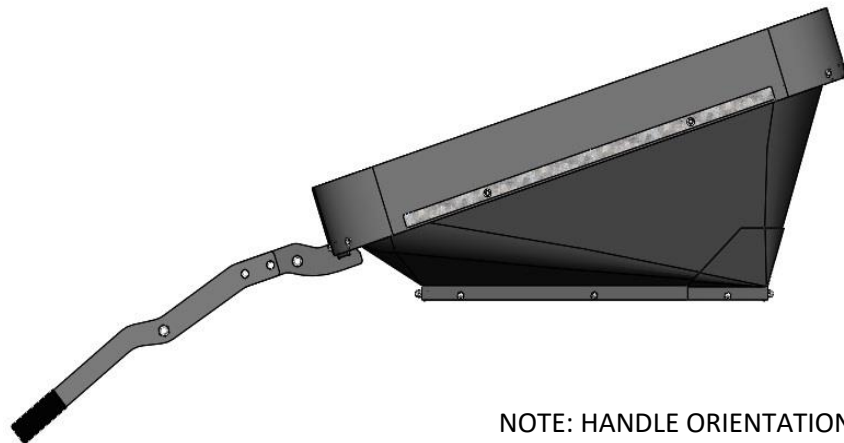


Fig. 4.1b SIDE VIEW

## 4.2 Assemble hopper to base

1. Remove safety guard, front and back clamp bars from base. Remove 4 =  $\frac{1}{4}$ " x  $\frac{3}{4}$ " bolts, washers and locknuts and set aside. Remove angle lock handle and washer.
2. Remove the 2 =  $\frac{1}{2}$ " x 1- $\frac{1}{2}$ " pivot bolts and locknuts and set aside.
  - a) Lay top frame on base.
3. Install the 2 =  $\frac{1}{2}$ " x 1- $\frac{1}{2}$ " pivot bolts through the pivot points on the top frame. Do not fully tighten so that the bolts are free to turn.
  - a) Reinstall angle lock handle and washer, and back top frame in raised position.
4. Attach hopper canvas bottom. Align holes that are punched into the lower part of the hopper fabric with holes on the base. Reinstall the clamp bars using the  $\frac{1}{4}$ " x  $\frac{3}{4}$ " bolts that were set aside.
5. Reinstall the safety guard using 4 =  $\frac{1}{4}$ " x  $\frac{3}{4}$ " bolts, washers and locknuts that were set aside, and put through holes on hopper canvas.
6. Insert auger retaining pin into auger end support bracket.

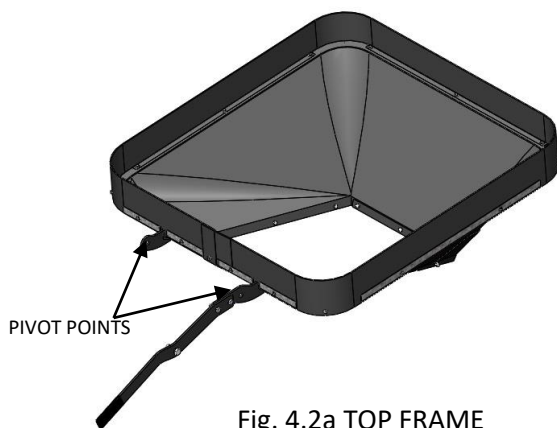


Fig. 4.2a TOP FRAME

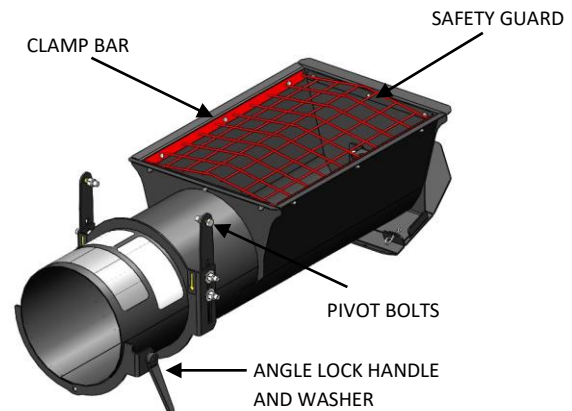


Fig. 4.2b BASE



Fig. 4.2c COMPLETE

If you have any questions regarding assembly of the adjustable hopper phone:  
GATCO Help Line: 1-306-778-3338



## 5.0 Operation

### 5.1 Angle adjustment

1. The angle of the hopper canvas can be quickly adjusted by loosening the angle lock handle and positioning the slide lock to a different teeth position. This allows you to work around a grain discharge point, then quickly lower the hopper angle to be able to pull the auger back.

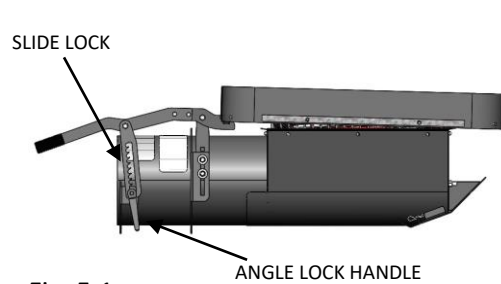


Fig. 5.1a

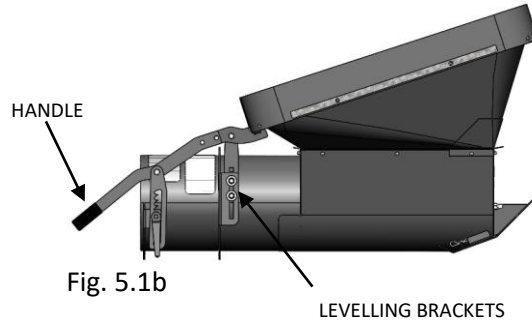


Fig. 5.1b

### 5.2 General Operation - Moving Grain

1. Once auger hopper is fully mounted on auger:
  - a) lower canvas hopper fully and ensure cleanout door, see section 5.3 for further details, is fully inserted with hair pin clip installed
  - b) drive auger and hopper under hopper, bin, flat bottom unload or truck/grain trailer
  - c) ensure hopper is aligned under discharge
  - d) raise canvas hopper up to maximum height that discharge will allow
  - e) open discharge and activate auger
  - f) for hopper bottom bins and grain trailers, the discharge gate can be left open when auger is shut off
2. Once grain augering is complete:
  - a) shut off discharge gate
  - b) run auger until most of grain is emptied from hopper
  - c) unlock and lower canvas hopper
  - d) move auger out from discharge area
  - e) raise hopper 1-2 feet off ground and place pail under clean out and remove slide gate to remove grain from hopper
  - f) once grain is cleared out of hopper, replace clean out and hair pin clip

NOTE: Canvas can be set and locked at 10 different heights.

### 5.3 Cleanout door

1. A cleanout door is located at the bottom of the hopper. Remove the door in order to clean out grain that may be left in the front of the hopper. A hair clip pin holds the door in place.

## **WARNING**

To prevent serious injury, DO NOT insert fingers in the clean out opening. Use a stick through the fighting guard to help move grain to the clean out opening. Do not operate the auger with the cleanout door removed.

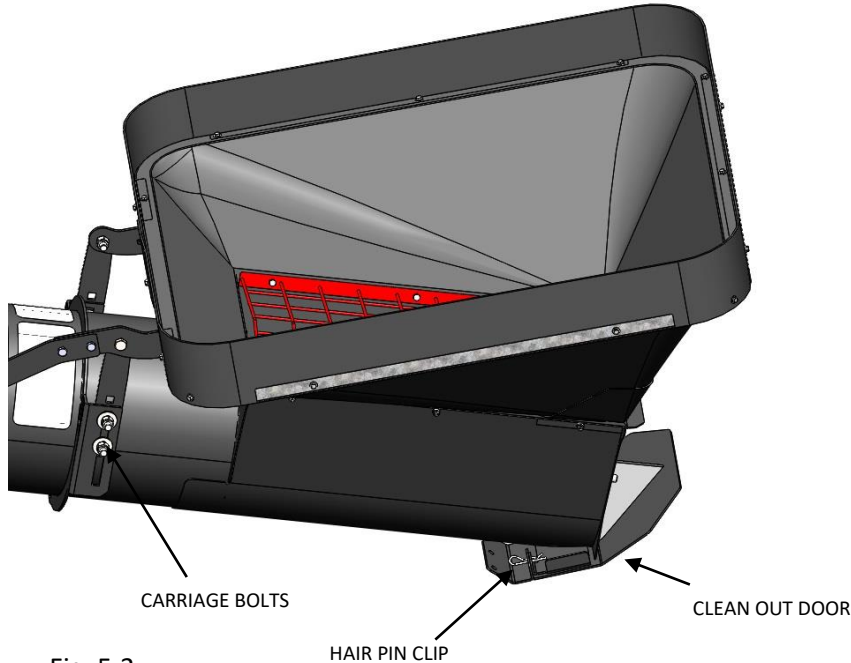


Fig. 5.3

### 5.4 Rear height adjustment - for low profile grain trailers/hopper bins

1. Adjustable leveling brackets are provided so that the hopper can be leveled for different working heights. Loosen the  $\frac{1}{2}$  X 1-1/2" carriage bolts on either side of the hopper. Raise or lower the hopper to the desired height and retighten the bolts.

## 6.0 Maintenance

### 6.1 General maintenance

1. When not in use, do not leave the hopper full of grain as this may cause unnecessary stress to the seams of the canvas hopper fabric.

#### **WARNING**

To prevent death or serious injury, DO NOT operate the auger without a flighting guard in place.

#### **CAUTION**

The ADJUSTABLE HOPPER weighs 110 to 131 lbs. depending on size. Because of the weight, 2 or more people will be required to remove and reinstall it on the auger.

### 6.2 Replacing canvas

1. Canvas tear repair - if a small tear is found, a truck tarp patch repair kit can be used.
2. Full canvas replacement - the hopper fabric is 2250H POLYESTER SCRIM, 22OZ PVC COAT. It is an extremely tough and wear resistant fabric that should provide years of use under normal conditions. However, replacement parts are available for the fabric and for the rubber surround.

Part Numbers are:

GAT-AH0810CANVAS	Hopper Canvas 8/10"
GAT-AH01-70	Rubber Flashing (all sizes)
GAT-AH1213CANVAS	Hopper Canvas 12/13"

### 6.3 After Hopper Use

1. After grain use - empty using cleanout door, reinstall cleanout door.
2. After fertilizer - empty using cleanout door and wash hopper and front screen, reinstall cleanout door once unit is dried off.

### 6.4 Storage

1. Store hopper in dry storage when not in use.
2. If hopper is to be stored outside, cover with tarp or pull mount pin and flip hopper upside down.
3. After augering, ensure all grain is emptied from hopper using cleanout door.

## 7.0 Fertilizer Screen Option

1. Gatco's Fertilizer Screen is constructed of galvanized steel. See Storage Instructions in section 6 for clean out.



Requires auger screen to be installed for fertilizer screen to mount properly.

2. Operation: deflects fertilizer lumps larger than 7/8" to the sides.
3. Once significant lumps have built up, shut off fertilizer flow and grain auger and remove lumps.

NOTE: Finer screening can be done at the air tank auger/conveyor.

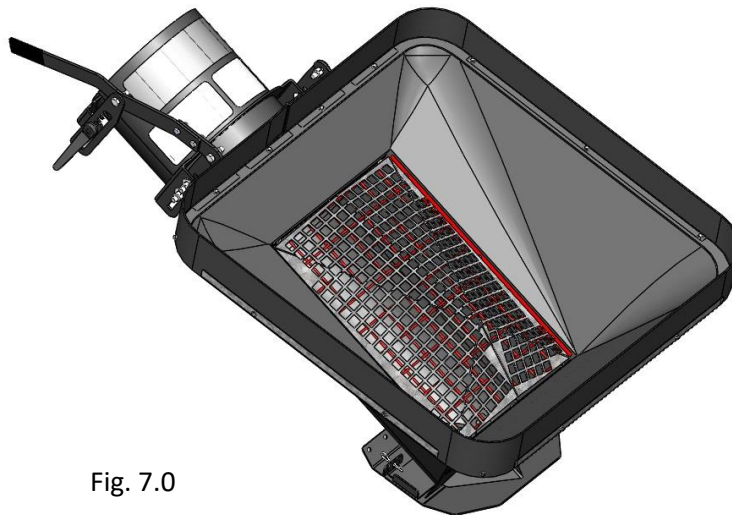


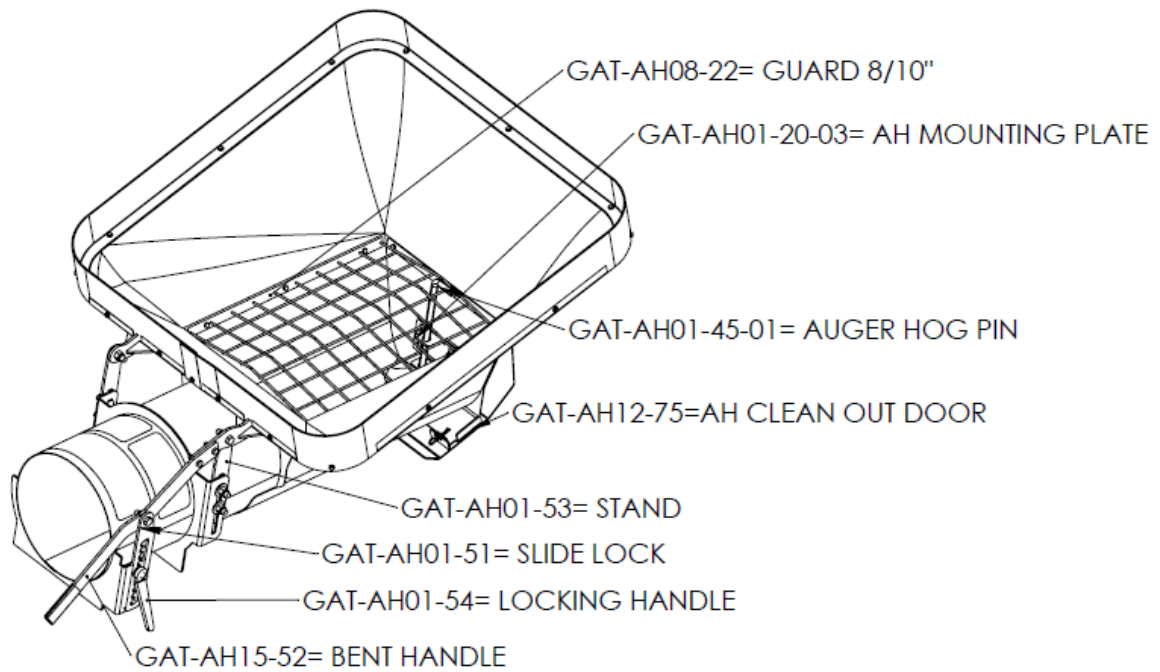
Fig. 7.0

## 8.0 Transport

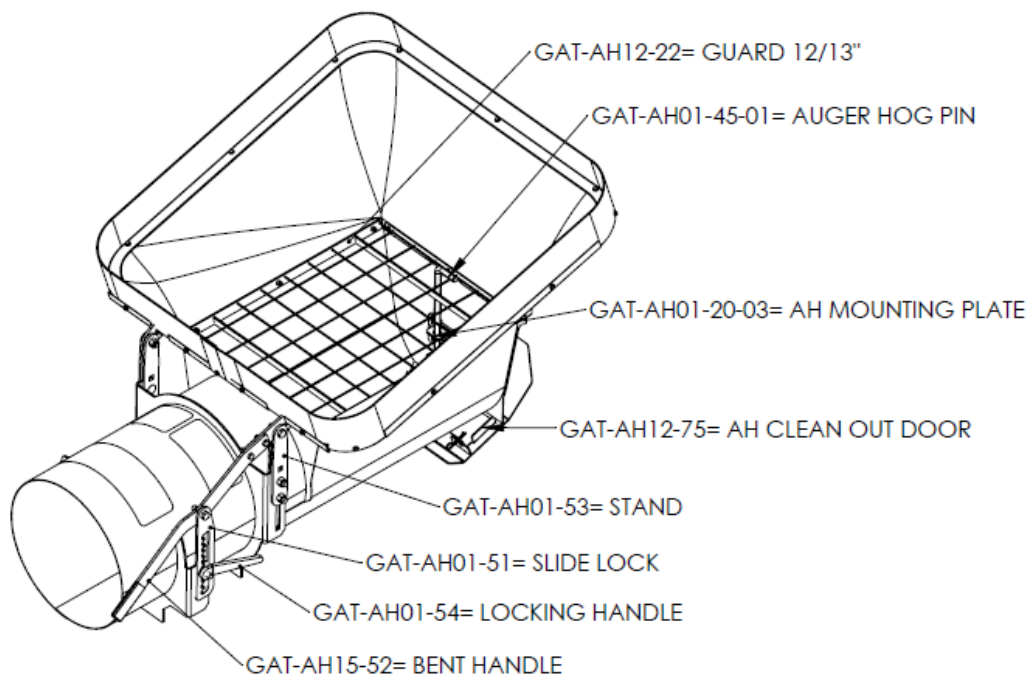
1. To transport between farm sites, load hopper onto back of truck.
  - a) Raise auger intake up and drive hopper into truck end gate
  - b) Pull auger retaining pin
  - c) Slide hopper the rest of the way into the truck
  - d) Close truck end gate
  - e) Attach auger to truck hitch and follow all truck and auger towing instructions

## 9.0 Parts

### 1. Auger Hog 8/10"



### 2. Auger Hog 12/13"



### 3. Canvas Parts

GAT-AH0810CANVAS	Hopper Canvas 8/10"
GAT-AH01-70	Rubber Flashing (all sizes)
GAT-AH1213CANVAS	Hopper Canvas 12/13"

## 10.0 Warranty

Gatco Manufacturing ("the manufacturer") warrants to the original purchaser only, that in the event of any defect in material or workmanship in the ADJUSTABLE HOPPER, the subject of this warranty ("the goods") during the warranty period mentioned below the manufacturer will provide the cover specified below.

This warranty is in place of any other warranty or guarantee whether implied or expressed in any conditions of purchase of the buyer and does not extend to impose any further liability on the manufacturer than set out below.

### CONDITIONS:

1. Warranty will be good for 1 year from date of sale to the original retail purchaser. In the case of commercial use, the warranty period will be 45days from date of sale to the original retail purchaser.
2. Warranty claims must include sales receipt.
3. The customer must fill out and submit a warranty registration to be eligible for warranty. Form can be found at beginning of this manual or contact an authorized Gatco dealer or Gatco head office.
4. At Gatco's discretion, all warranty work will be repair and/or replacement. Refunds will not be offered.
5. Gatco will have no liability for any product misuses, improper installation, unauthorized modification/alterations, or improper maintenance. Warranty covers manufacturer's defects only.
6. Gatco is not liable for any commodities lost.
7. Warranty claims must be submitted to Gatco Head Office for approval before any repair and/or replacement is begun.
8. It is the responsibility of the customer, and at the customer's cost, to transport equipment to a Gatco authorized dealer for repair and/or replacement.
9. This warranty shall not be interpreted to render Gatco liable for injury or damages of any kind to person or property.

**Gatco Manufacturing**

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Website: [www.gatcomfg.com](http://www.gatcomfg.com)