

TOOLS NEEDED

CORDLESS DRILL

3/8" DRILL BIT

3/8" NUT DRIVER FOR DRILL

9/16" WRENCH

9/16" SOCKET

RATCHET

TAPE MEASURE

DUCT TAPE

OR

SILICONE

Help Line: 1-306-778-3338

TELESCOPING GrainAir TUBES

INSTRUCTIONS

Parts in Box:

GrainAir Tubes

Self-tapping screws

Extend GrainAir Tubes to length needed. For ease of installation 2-3 sections of the tubes can be extended and fastened together on the ground before installing them in the bin. For best fit the final section of the tube can be fastened together inside the bin.

Use a minimum of 6 self-tapping screws, evenly spaced, to secure Tubes at the top 2-1/2" steel band on the outside of the Tube.

Locate the bottom of the inside Tube - this can be seen through the perforations of the Tube if it is not fully extended.

Use a minimum of 6 self-tapping screws, evenly spaced, to secure Tube into the 2-1/2" steel band at the top of the inside Tube.

RECOMMEND: A wrap of duct tape or a bead of silicone to seal the top of each band of the outside Tube to prevent fine grains from entering the GrainAir Tube.

NOTE: Failure to screw the inside Tube band and the outside Tube band together with at each connection with a minimum of 6 self-tapping screws may cause damage to the GrainAir Tube due to side pressure on the Tube from grain flow.

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CAP ASSEMBLY

INSTRUCTIONS

Parts in Box:

- 1-Cap
- 4-V-Brackets
- 4-L-Brackets with Chain
- 1-package 3/8x1" Short nuts, bolts, washers
- 1-package 2" Long nuts, bolts, washers

STEP 1:

Attach V-Brackets to GrainAir Tube with 3/8x1" Short Bolts spaced evenly around Tube, as shown in DETAIL A.

STEP 2:

Set Cap onto V-Brackets as shown in DETAIL C.

STEP 3:

Align L-Brackets with Chains with V-Brackets under Cap and secure with 3/8x1" Short Bolts to V-Brackets, as shown in DETAIL D.

2" Long Bolts, nuts and washers are used to fasten Chain to outside of roof ring. Drill holes for support chains to the strongest part of the cap ring. The GrainAir Tube Cap should sit 12" to 18" below the bin lid.

CRITICAL:

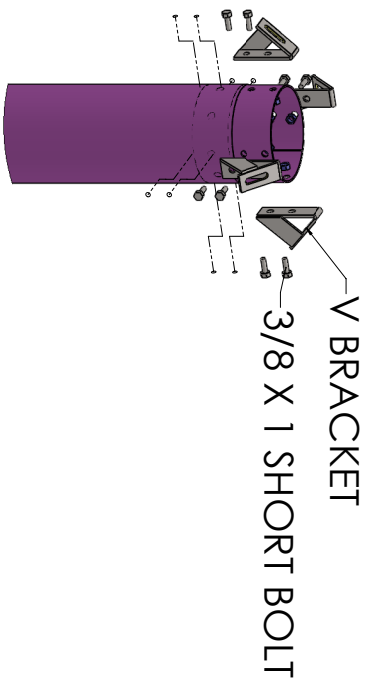
Chain end of L-Bracket **MUST** be **UP**, reaching for the top point of Cap. Please see DETAIL D.

NOTE:

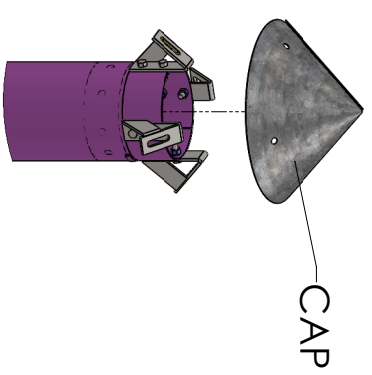
Bins with a single roof ring may need another roof ring added for extra strength.

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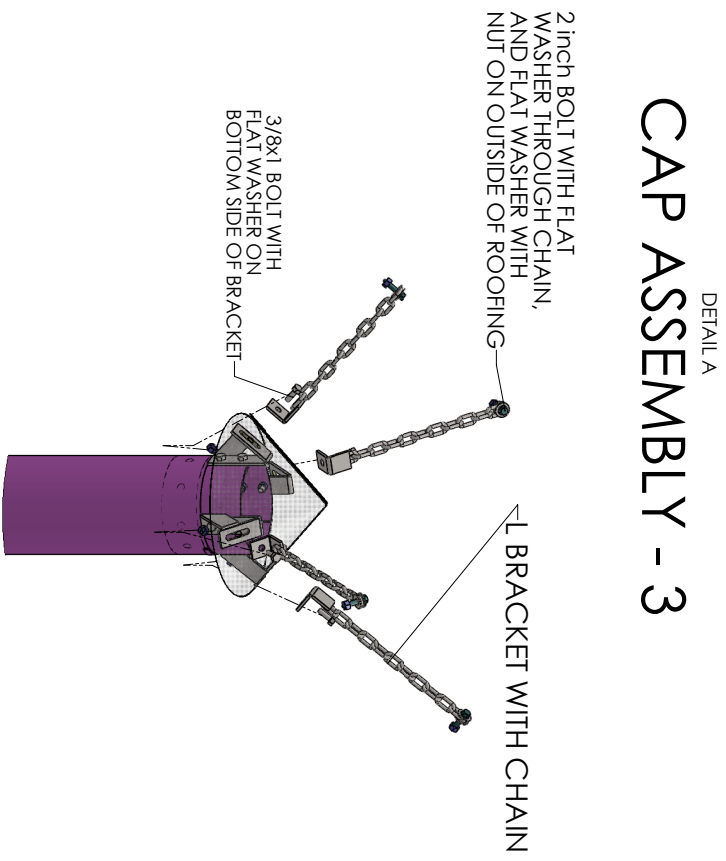
CAP ASSEMBLY - 1



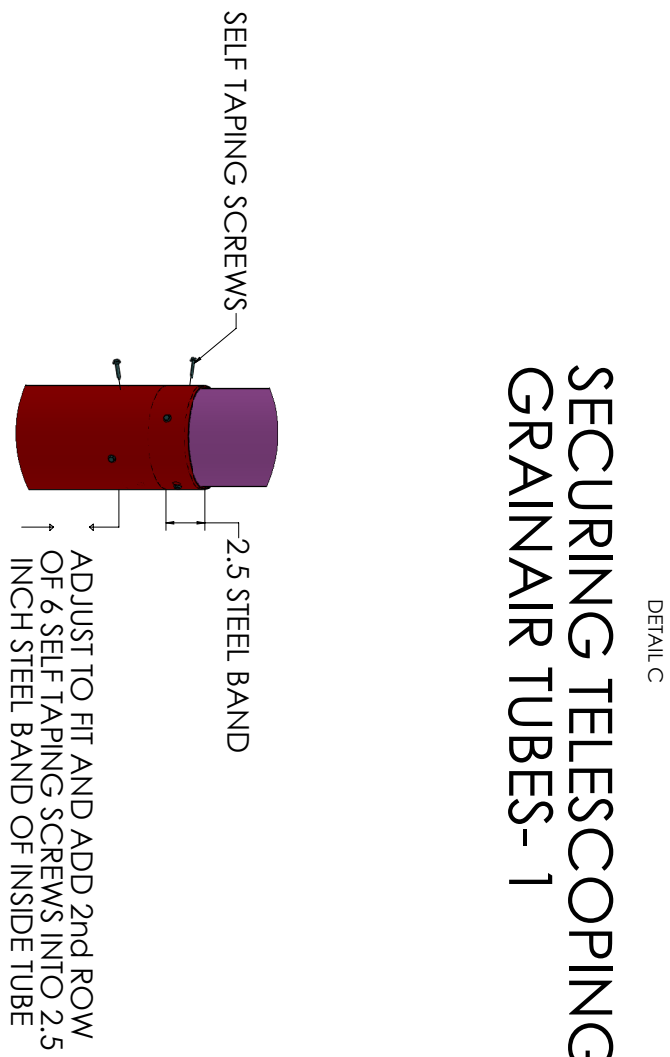
CAP ASSEMBLY -2



CAP ASSEMBLY - 3



SECURING TELESCOPING GRAINAIR TUBES- 1



DETAIL D

HBB100-Hopper Bottom Base

INSTRUCTIONS

Parts in Box:

- 1-Cross Brace
- 2-Feet
- 1-Mounting Bracket
- 1-Magnet Base
- 1-package 3/8 x 3" Bolts, nuts, washers
- 1-package 3/8 x 3" U-Bolts, nuts, washers
- 1-package 3/8 x 1" set screws

STEP 1:

Loosely attach Feet to Cross Brace with 3/8 x 3" bolts. Adjust Cross Brace to fit onto Hopper Bottom Cone, close to the top of the Cone. Bolt Feet securely in place.

STEP 2:

Center Mounting Bracket on the Cross Brace over the unload hole. Secure Mounting Bracket firmly in place with 3/8 x 3" U-Bolts.

STEP 3:

Set Magnet Base into Mounting Bracket. Secure firmly with 3/8 x 1" set screws.

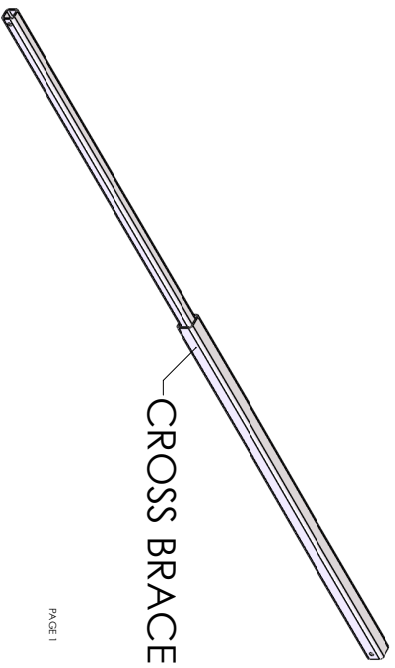
STEP 4:

Screw through the four corners of Saddle to GrainAir Tube with self-tapping screws.

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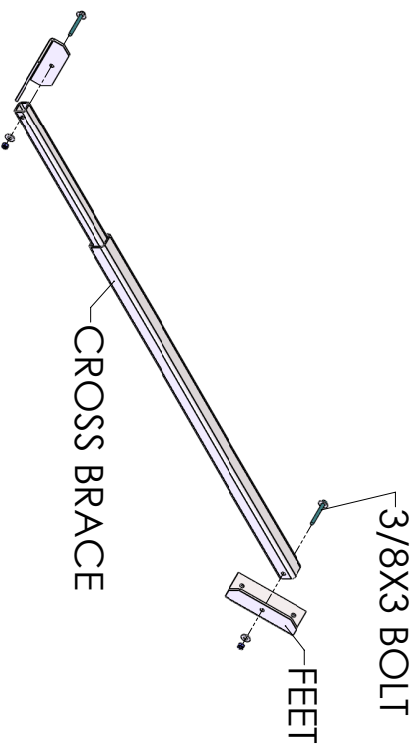
HBB100-HOPPER BOTTOM BASE- 1

HBB100-HOPPER BOTTOM BASE- 2



CROSS BRACE

PAGE 1



CROSS BRACE

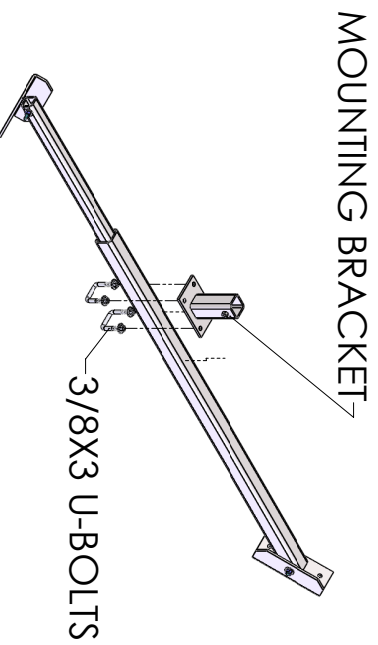
3/8X3 BOLT

FEET

PAGE 2

HBB100-HOPPER BOTTOM BASE- 3

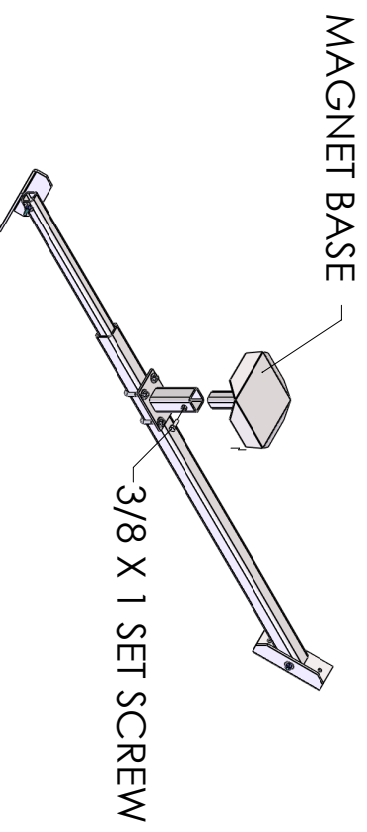
HBB100-HOPPER BOTTOM BASE- 4



MOUNTING BRACKET

3/8X3 U-BOLTS

PAGE 3



MAGNET BASE

3/8 X 1 SET SCREW

PAGE 4

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