

## Installation Instructions



### 2005+ Yield-Pro Planter Manifold Air Release

Used with:

- 2005+ Yield-Pro Planter



*When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!*

## General Information

These instructions explain how to install the Manifold Air Release. This kit is used to maintain material flow through an air system. There are three options available when installing the Manifold Air Release kit. As there is no difference in performance, please choose the option which will allow you to work with the tools available to you.

These instructions apply to:

403-184A                      Manifold Air Release Kit

## Assembly Instructions

NOTE: Please choose one of the following options.

**For Option 1 use a Pneumatic Hot Saw or Torch to cut rectangle.**

*Refer to Figure 1*

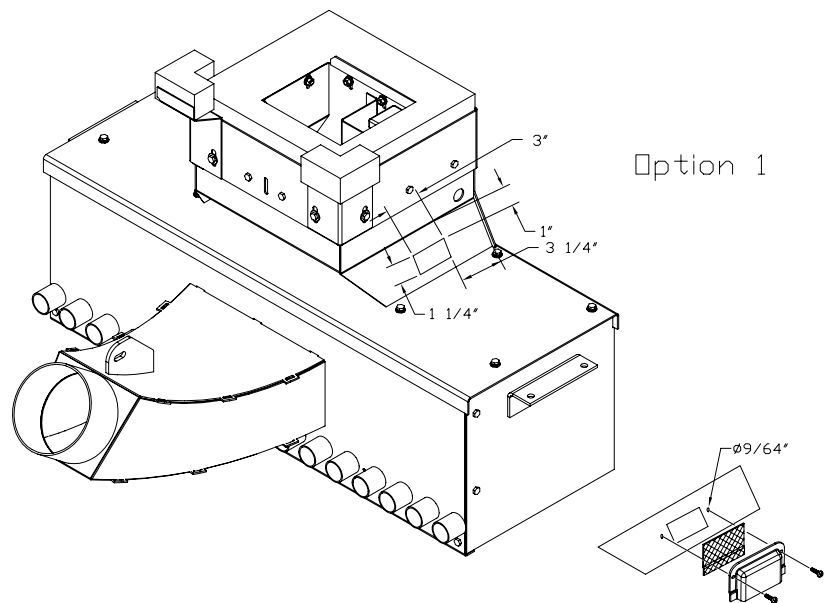
1. Cut a 3" x 1 1/4" rectangle on both sides of neck of air box.

**Important!** After drilling rectangle be sure to remove cutouts from inside of air box.

2. Flatten screen by tapping with mallet.
3. With cover over rectangle, align top of cover with top crease of neck of air box. Use cover as a guide, and with a center punch mark holes to bolt on cover. Using a 9/64" drill bit, drill through the marked holes.
4. Place screen over rectangle. Align screen with top crease of neck of air box. Using the drilled holes as a guide, tap through screen with a center punch so screws will fit through screen.
5. Place cover on top of screen aligning the holes.

### Before You Start

Page 3 is a detailed listing of parts included in the Manifold Air Release package. Use this list to inventory parts received.



**Figure 1**

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Put two 10-16 x 1/2" screws through the holes. Apply a bead of silicone along the outside edge.

6. Place screen and cover over rectangle lining up screws and drilled holes. Tighten screws securing cover and screen in place. Apply a bead of silicone around outside edge of cover.
7. Repeat steps to complete process on opposite side of air box.

## Assembly Instructions

For Option 2 use a 1 1/2" Round Hole Saw to cut hole.

Refer to Figure 2

1. Cut a 1 1/2" hole on both sides of neck of air box.

Important! After drilling 1 1/2" hole be sure to remove cutouts from inside of air box.

2. Flatten screen by tapping with mallet.
3. With cover over hole, align top of cover with top crease of neck of air box. Use cover as a guide, and with a center punch mark holes to bolt on cover. Using a 9/64" drill bit, drill through the marked holes.
4. Place screen over 1 1/2" hole. Align screen with top crease of neck of air box. Using the drilled holes as a guide, tap through screen with a center punch so screws will fit through screen.
5. Place cover on top of screen aligning the holes. Put two 10-16 x 1/2" screws through the holes. Apply a bead of silicone along outside edge.
6. Place screen and cover over 1 1/2" hole lining up screws and the drilled holes. Tighten screws securing cover and screen in place. Apply a bead of silicone around outside edge of cover.
7. Repeat steps to complete process on opposite side of air box.

For Option 3 use a 1/2" Drill Bit to drill holes.

Refer to Figure 3

8. Drill three 1/2" holes on both sides of neck of air box. Distance from center of hole to center of next hole needs to be approximately 3/4".
9. Drill second set of three 1/2" holes just below the first set. Distance from center of hole to center next hole needs to be approximately 3/4".

Important! After drilling 1/2" holes be sure to remove cutouts from inside of air box.

10. Flatten screen by tapping with mallet.
11. With cover over hole, align top of cover with top crease of neck of air box. Use cover as a guide, and with a center punch mark holes to bolt on cover. Using a 9/64" drill bit, drill through the

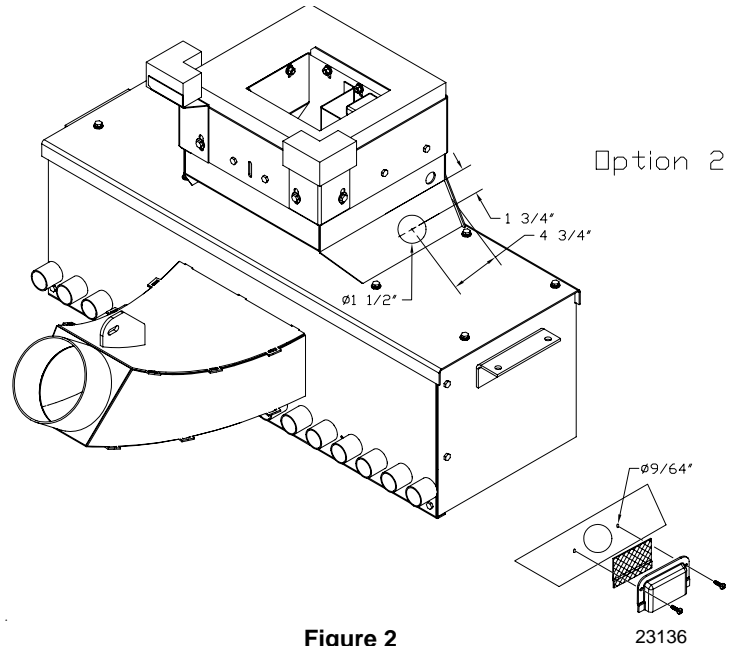


Figure 2

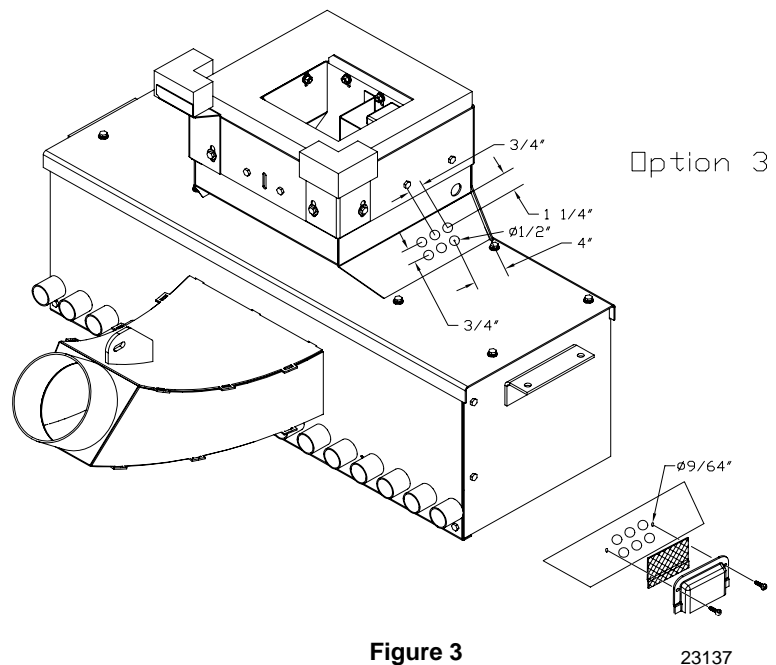


Figure 3

marked holes.

12. Place screen over 1/2" holes. Align screen with top crease of neck of air box. Using the drilled holes as a guide, tap through screen with a center punch so screws will fit through screen.
13. Place cover on top of screen aligning the holes. Put two 10-16 x 1/2" screws through the holes. Apply a bead of silicone along outside edge.
14. Place screen and cover over 1/2" holes lining up screws and the drilled holes. Tighten screws securing cover and screen in place. Apply a bead of silicone around outside edge of cover.
15. Repeat steps to complete process on opposite side of air box.

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## 403-184A MANIFOLD AIR RELEASE KIT

Your kit includes:

Qty.	Part No.	Part Description
4	801-137C	SCREW HEX SLT 10-16 X 1/2 PLT
2	403-152D	PRECISION COVER SCREEN FORMED
2	817-569C	25BF PRECISION VENT COVER
1	403-185M	MANIFOLD AIR RELEASE KIT MANUAL