



Operator's Manual & Warranty



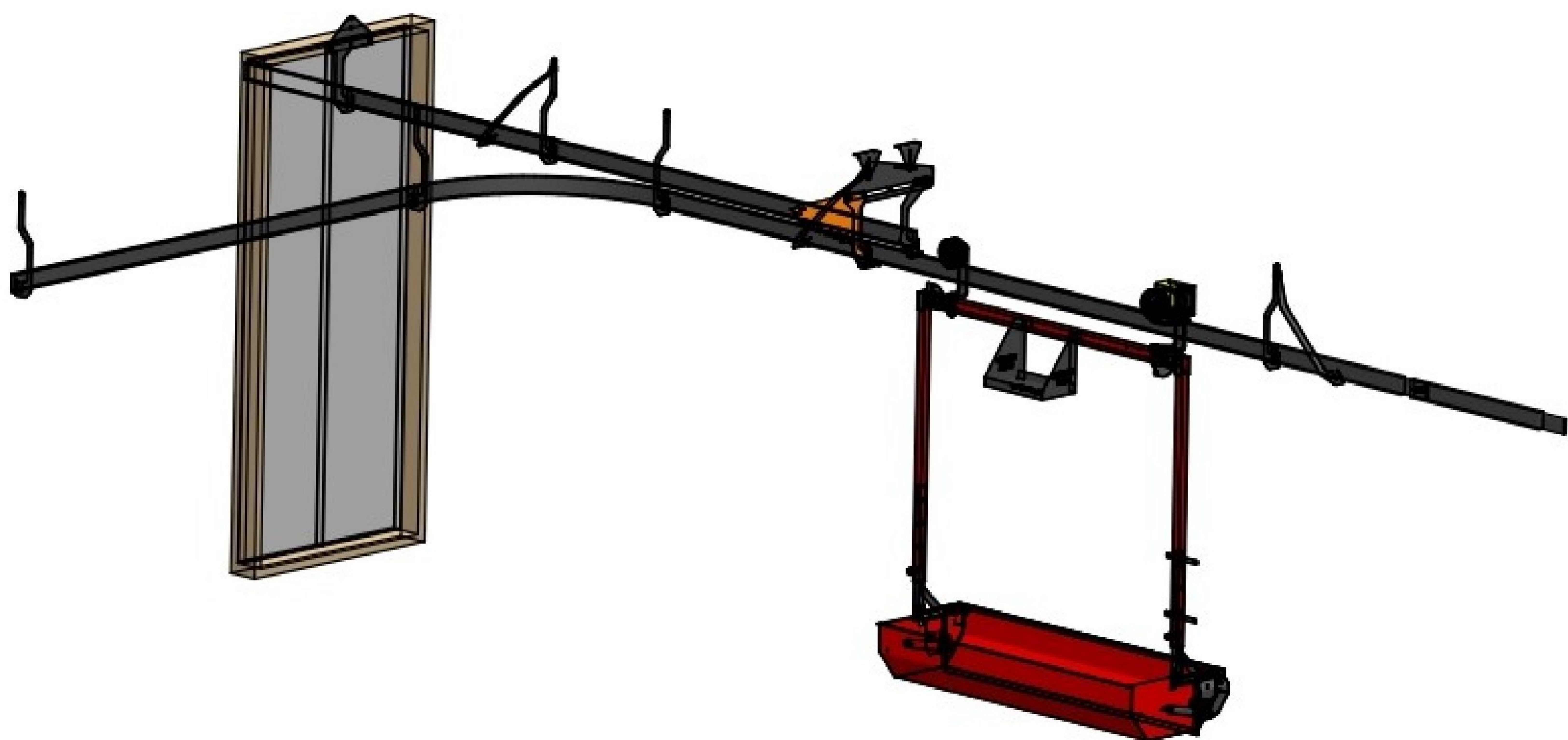


TABLE OF CONTENTS

	Page number
I. Product Identification	
a. Track Diverter	2
b. Rail Brackets	2
c. Door	3
II. Specifications	4
a. Track Diverter	4
b. Rail	4
c. Door	4
III. Safety	5
IV. Operation	5
a. Key Fob	5
b. Signals	5
c. Stops	5
V. Maintaining	6
VI. Trouble Shooting	6
VII. Installation	7-10
a. Door	7
b. Track Diverter	8-10
VIII. Warranty	11-12
a. Warranty Coverage	11
b. Warranty Claim Form	12

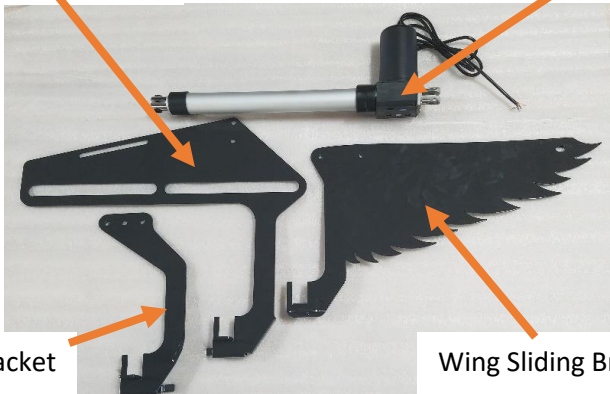
PRODUCT IDENTIFICATION

Track Diverter



Main Bracket

12" Actuator



Small Sliding J-bracket

Wing Sliding Bracket

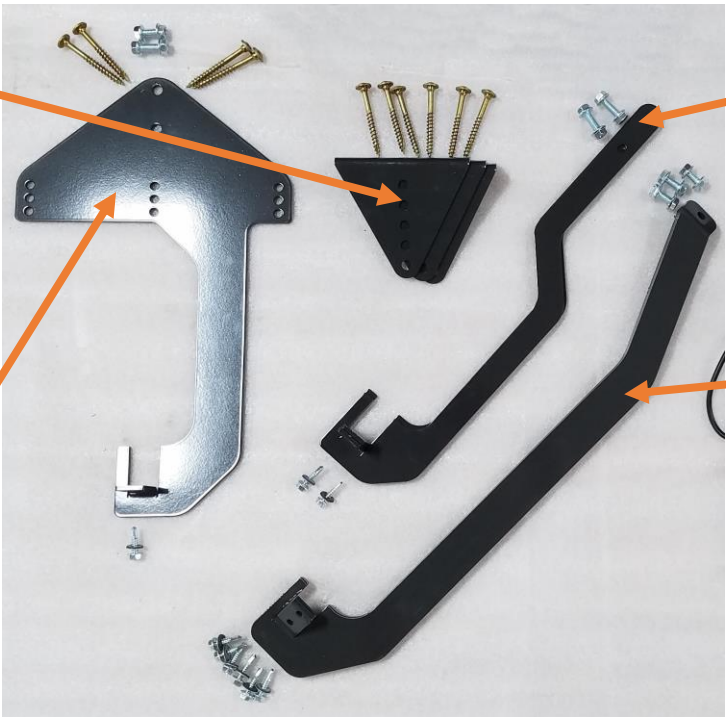
Rail Brackets

Truss Brackets

J-Bracket

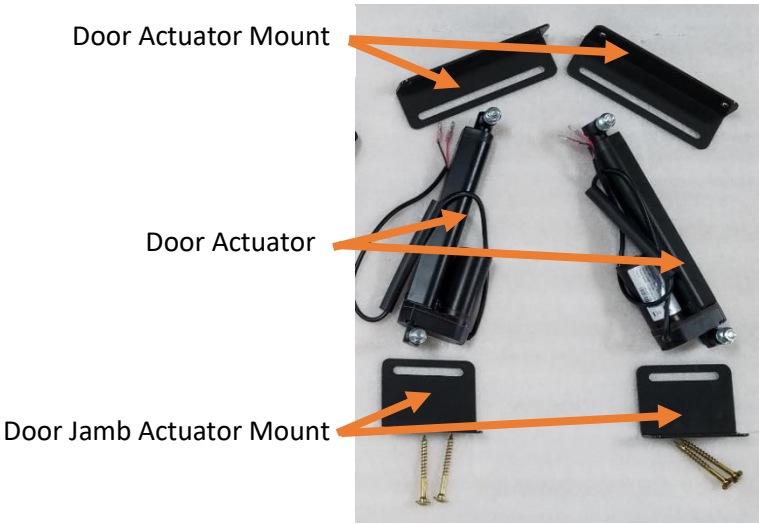
Door J-Bracket

45 deg Brace



PRODUCT IDENTIFICATION CONT.

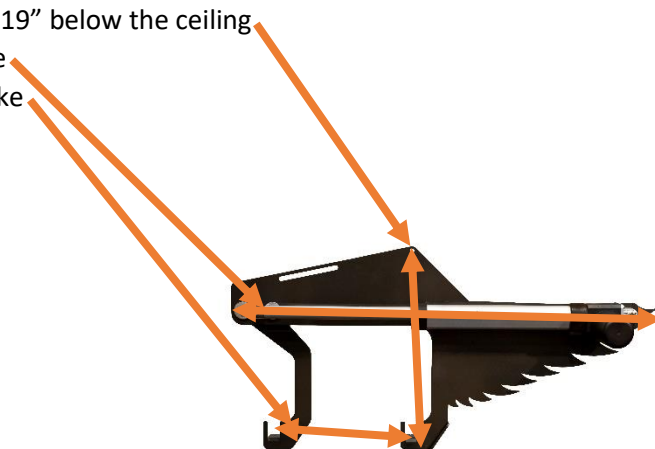
Door



SPECIFICATIONS

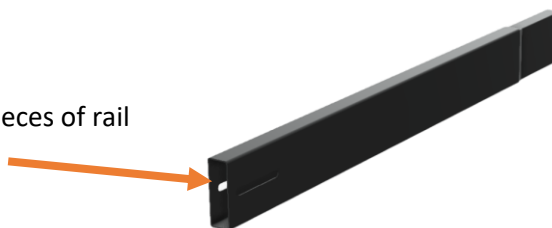
Track diverter

- Extends 19" below the ceiling
- 37" wide
- 12" stroke



Rail

- Three 12-foot pieces of rail
- One Slip-Joint



Door

- 2 Door sizes:
 - o 36-1/2" x 86"; consist of two 18" x 86" doors; Rough opening: 37-1/2" x 87-1/2"
 - o 36-1/2" x 76"; consist of two 18" x 76" doors; Rough opening: 37-1/2" x 77-1/2"
 - o Both doors are flanged so that they can be screwed directly to the outside of the door jamb
- **Be sure to measure where the door is to be placed to be sure you order the correct door.**



SAFETY

- Keep away from the door and the track diverter when they are operating. There are several pinch points and sharp edges that are harmful and could cause serious injury.
- Keep the pathway the Poultry Hawk travels clear. Anything in the path has the potential to damage the Poultry Hawk or to be damaged by the Poultry Hawk. Also, individuals could be harmed.

OPERATION

Key Fob

- The Key Fob you use for your Poultry Hawk is the same one you use for your Track Diverting system.
- One push of a button and the track diverter will operate, and the diverter doors will open.



Diverter Control Panel Lights

- The Track Diverter actuator is equipped with limit switches.
- The Track Diverter control panel is equipped with two lights
- When the Track Diverter is in the “undiverted” positions, one light will be lit.
- When the Track Diverter is transitioning from the “undiverted” position to the diverted position, or vice versa, neither light will be lit. **Do not run your Poultry Hawk!**
- When the Track Diverter is in the diverted position, the other light will be lit.



Stops

- A triangular shaped “stop” is provided with your Track Diverter system. It is essential that this is to be placed on the rail near the rail support post outside the poultry house.
- Also, a yellow magnetic bar is provided. This should be placed just ahead of the triangular stop mentioned above. The unit should stop when it arrives at this bar rather than running against the triangular stop.



Be sure both these stops are in place when installing your Track Diverter system.

MAINTENANCE

There is no regular maintenance required. It is important, however, that you check the system periodically for wear or loose parts.

TROUBLESHOOTING

(to be developed)

INSTALLATION

(refer to the diagram on page 9)

Installing the Track Diverter Exit Door

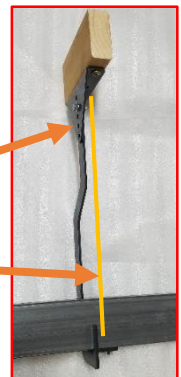
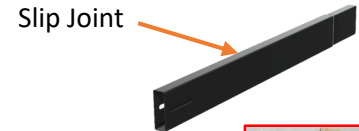
- Determining door location
 - o Considerations
 - It is ideal for the rail heading out the door to be level with the main rail system, but it is okay if a slight grade is needed.
 - It is also ideal for the exit rail to be parallel to the main rail. If needed, modification can be made but close attention must be given to proper track support, trolley clearance, and track flex for when the track diverter operates.
 - o The exit rail should leave the building 12" toward the outside wall from the line of the main rail. Determine this point and mark the end wall.
 - o Plum down from this point. This is center of the door rough opening
 - o Door rough opening is 37-1/2 x 87 (18-3/4 inches from center to the sides)
 - o Measure from ceiling to the top of rail. Subtract 6 inches to determine the top of the door rough opening
- Frame in the door rough opening. Be sure to double the header, jacks, and threshold so that you have plenty of wood to fasten to.
- Install door



INSTALLATION CONT.

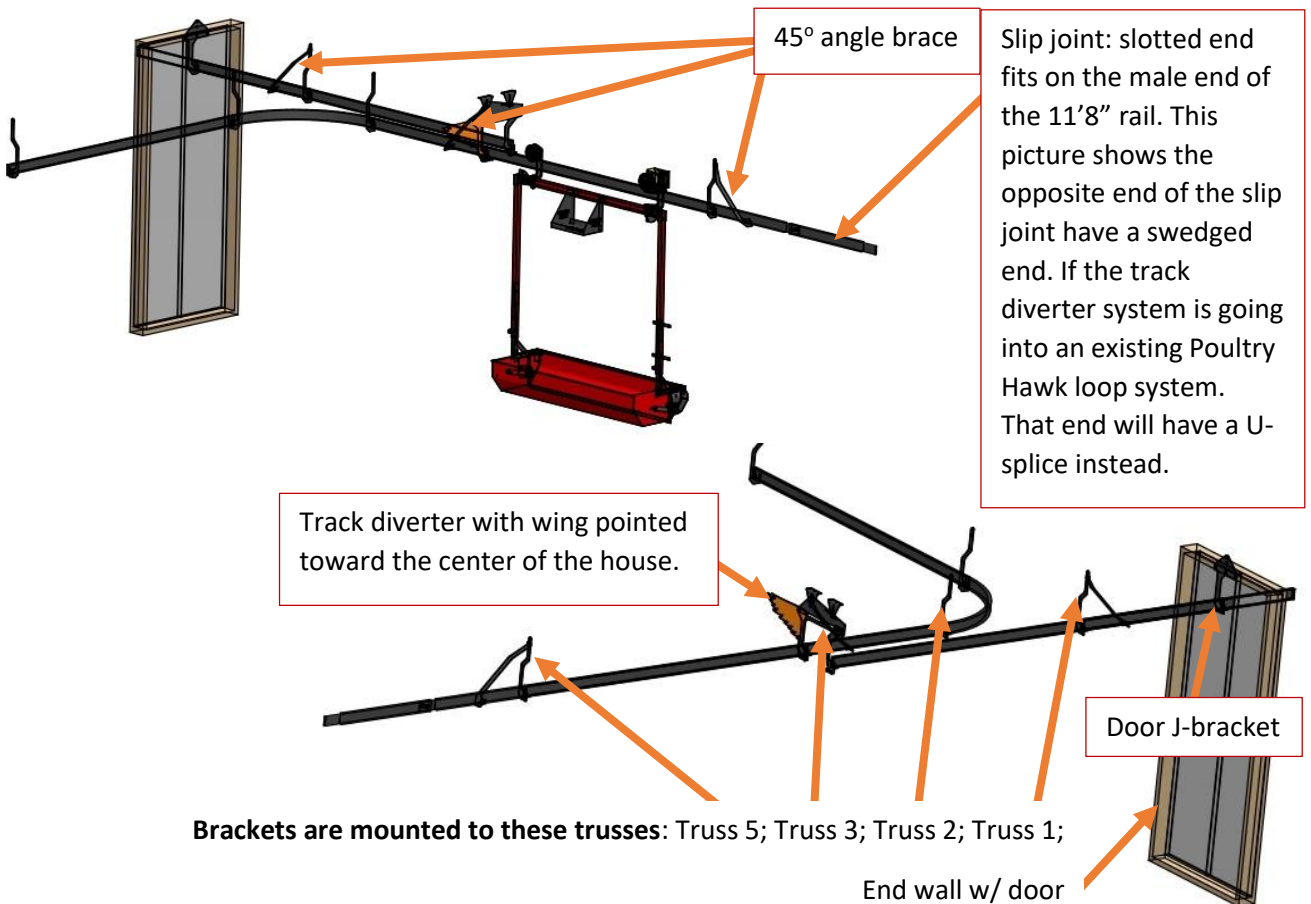
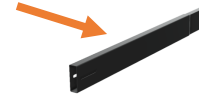
Installing the Track diverter

- **IMPORTANT: The Track Diverter comes to you in the diverted position. Undivert before installing.**
 - o **Connect the Diverter wire to the control panel.**
 - o **Plug the control panel into a 110-volt outlet.**
 - o **The Track Diverter will automatically adjust to the undiverted position.**
- Pre-assemble - connect the slip joint to the piece of rail that has a 5/16" hole through the swedge.
 - o Swedged end of rail piece inserts into the end of slip joint with slot cut in it.
 - o Using a 5/16 x 2 secure this connection with a locknut. (The bolt should be in the center of the slot and the nut tightened until later. Then it is important that you loosen the nut allowing movement in this joint for expansion and contraction of the metal)
- On the truss 3, mount a truss bracket directly above the rail.
- Cut the rail directly below the truss bracket as shown here. (Yellow line)
- Install the track diverter from this truss bracket.
 - o Put the bolt into the top hole of the truss bracket.
 - o The diverter wing should point toward the center of the house.
 - o The diverter should be in the un-diverted position.
 - o Put a second truss bracket on the 3rd truss.
 - Position it so the diverter can be bolted to it through the slot.
 - Bolt securely. Be sure the diverter is level.
 - o Attach the corner side of the rail to the track diverter
 - Secure in place with the 1/4 x 3/4 bolt and nut that are provided.
 - Be sure the rail is flush with the inside of the diverter.
 - Install an angle brace on corner side of the Track Diverter.
- Get a measurement of the combine rail piece and the slip joint. Do not include the slip joint swedge in your measurement.
- From your first rail cut you made above, measure this distance in the direction away from the end wall. Cut the rail a second time. Discard the piece that you cut off.



INSTALLATION CONT.

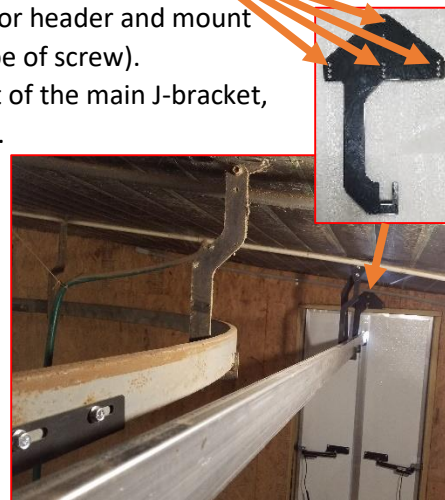
- Install the rail piece and slip joint combo that you pre-assembled.
 - Insert the slip joint swedge into the main rail where you made this last cut.
 - Attach the female end of this rail piece to the track diverter. This is on the side away from the end wall and in line with the corner rail you already secured onto the diverter. Use the $\frac{1}{4} \times \frac{3}{4}$ bolt and nut provided. Again, be sure that the end of the rail is flush with the inside of the diverter part that you are securing it too.
 - Center the diverter parts (where the rail is secured) so that the parts move past each other without rubbing.
 - Secure the slip joint swedge to the main rail with a self-tapping screw.
- Install a truss bracket, J-bracket, and an angle brace on truss-5.
 - These go on the side of Track Diverter away from the corner
 - The angle brace is on the opposite side of the J-bracket as the Track Diverter
- Loosen the lock nut to allow the slip joint to move.



Installing the exit rail

Position of 4 screws (d)

- Temporarily position the Door J-Bracket on the door header and mount with one screw (preferably use a small decking type of screw).
- Place one of the provided rail pieces in the rail slot of the main J-bracket, male end sticking through the rail hole in the door.
- Attach the female end to the Track Diverter
 - o Be sure the rail is flush with the inside of the diverter.
 - o Secure with a $\frac{1}{4}$ x $\frac{3}{4}$ " bolt and locknut
- Adjust the Door J-Bracket so that the rail is centered in the rail hole of the door. Secure this bracket with 4 structural screws. (see pictures to the right)
- Install a truss bracket, J-bracket, and an angle brace on truss-1. The angle brace goes on the opposite side of the J-bracket as the Track Diverter
- Attaching rail to post outside the chicken house.
 - o Post should be no more than 10 ft from the end wall of the chicken house.
 - o Cut off excess rail.
 - o A Yellow end stop is provided to fit onto the rail and be screwed or bolted into the post.
 - o Be sure the stop is secure on the post.



IMPORTANT

- Disconnect one end of the diverter actuator. Operate the diverter by hand. If any rubbing or catching occurs, make the necessary adjustments to eliminate this. Once smooth operation is attained, reconnect the diverter actuator.
- BE SURE that the doors operate freely. They should not catch on the rail at any time. It is best to check this before connecting the door actuators to the door.

Warranty Coverage

Warranty Coverage Innovative Poultry Products LLC hereby provides a Limited One (1) Year Warranty on the Products manufactured by Innovative Poultry Products LLC that such Products shall be free from manufacturer's defects in any of the Product's components in the 12-month period following the original date of purchase from the authorized dealer (the Warranty Period). Innovative Poultry Products LLC HEREBY EXCLUDES AND DISCLAIMS ANY AND ALL OTHER WARRANTIES, STATUTORY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE AND ANY WARRANTY ARISING FROM USAGE OR TRADE OR COURSE OF DEALING. Defective components will be repaired or replaced at the discretion of the manufacturer. It is the responsibility of the purchaser to return warranted components to the manufacturer. This Product Warranty is limited to INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. This Product Warranty covers the purchaser of this Product and any other owners who own it during the Warranty Period.

To retain the Product Warranty, the Product must be operated and maintained as set forth by its owner's manual. For warranty service, please have copy of the purchase invoice available.

Warranty is Void If:

1. The Product has been subjected to, in the opinion of Innovative Poultry Products LLC, negligent handling, misuse, an accident, or if the instructions in the owner's manual were not completely followed.
2. The Product's components have been altered in any manner, not installed per the manufacturer's instructions, or repairs have taken place with unapproved parts.

Getting Warranty Service

All Product Warranty claims must be made through an authorized Innovative Poultry Products LLC dealer. All warranty claims must be submitted with an invoice or proof of purchase that denotes the purchase date and place of purchase. If you have any questions or comments concerning this warranty, please contact Innovative Poultry Products LLC or an authorized Innovative Poultry Products LLC dealer.

CONTACT INFORMATION

Innovative Poultry Products LLC, 2882 Juniper Creek Rd., Olar, SC 29843
www.innovativepoultryproducts.com
sales@innovativepoultryproducts.com |
803.571.3345

Warranty Procedure

1. Fill out Warranty Claim Form. (This form is provided for copying on the next page or can be found under the support tab of the Innovative Poultry Products LLC website.)
2. Return the defective part along with the Warranty Claim Form.
3. Innovative Poultry Products LLC will send a replacement part as soon as the defective part is received and is deemed worthy of warranty coverage.
4. If the customer needs the new part sooner than the above steps allow:
 - a. Innovative Poultry Products LLC will send the part according to the dealer's instructions and invoice the dealer.
 - b. The "defective" part is to be sent to Innovative Poultry Products LLC along with a Warranty Claim Form.
 - c. Innovative Poultry Products LLC will assess the part. If it is defective, a credit will be issued to the dealer.
 - d. If the part is not defective, the dealer is expected to pay the invoice within 30 days of receiving the invoice.
 - e. Innovative Poultry Products must receive the "defective" part within 21 days after the invoice is sent to gain credit.



Warranty Claim Form

Innovative Poultry Products, LLC

2882 Juniper Creek Rd.,

Olar, SC 29843

803.571.3345

sales@innovativepoultryproducts.com

Dealer Name: _____

Address: _____

Phone #: _____

Today's Date: _____

Part Number/Name: _____

List the Serial number of the Poultry Hawk this part came from: _____

(the serial number is on a metal plate attached to the Poultry Hawk Main Tube near one of the wheels)

PO or Job Name the part came from: _____

Description of Problem:

(For office use only:)

IPP Service Technician comments:

V3.0