



Operator's Manual & Warranty

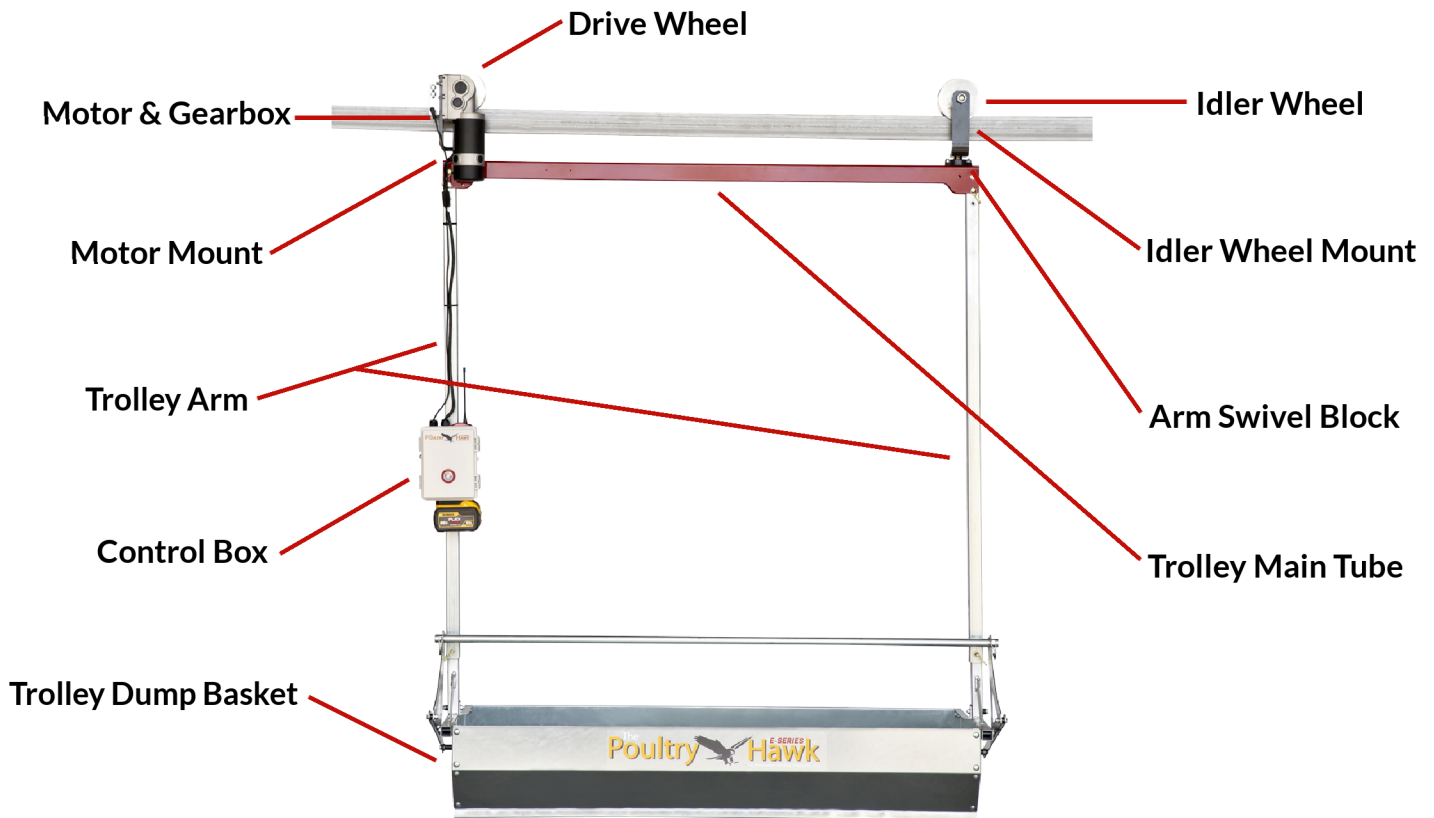


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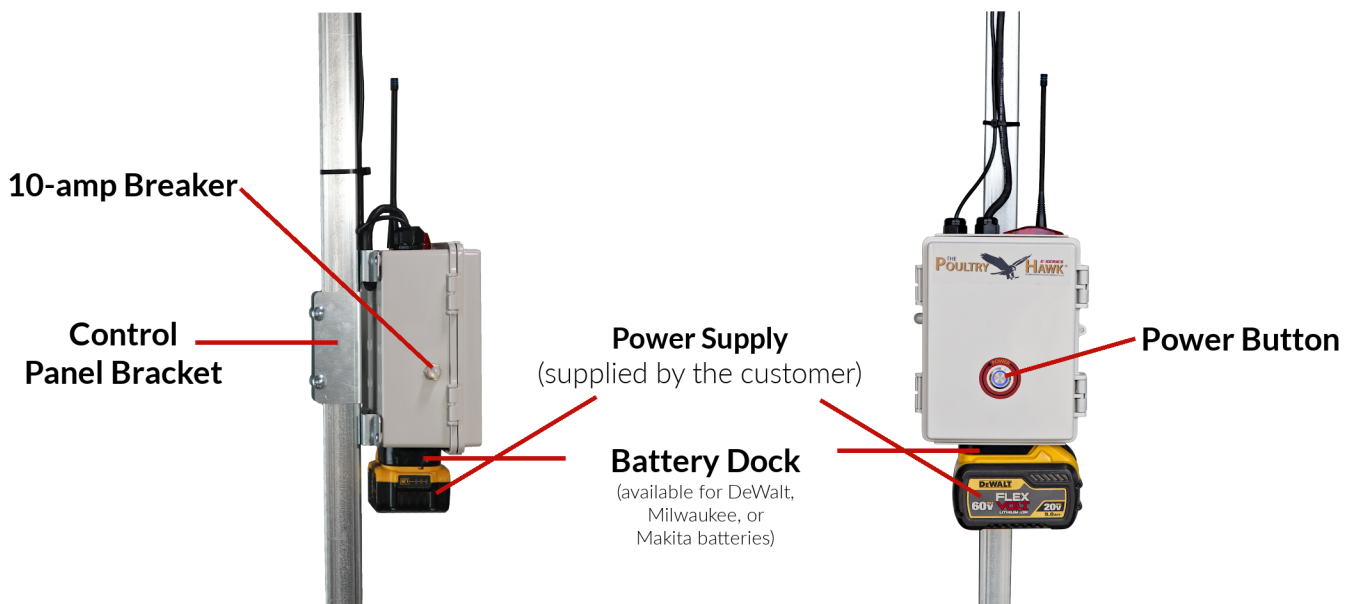
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Product Identification

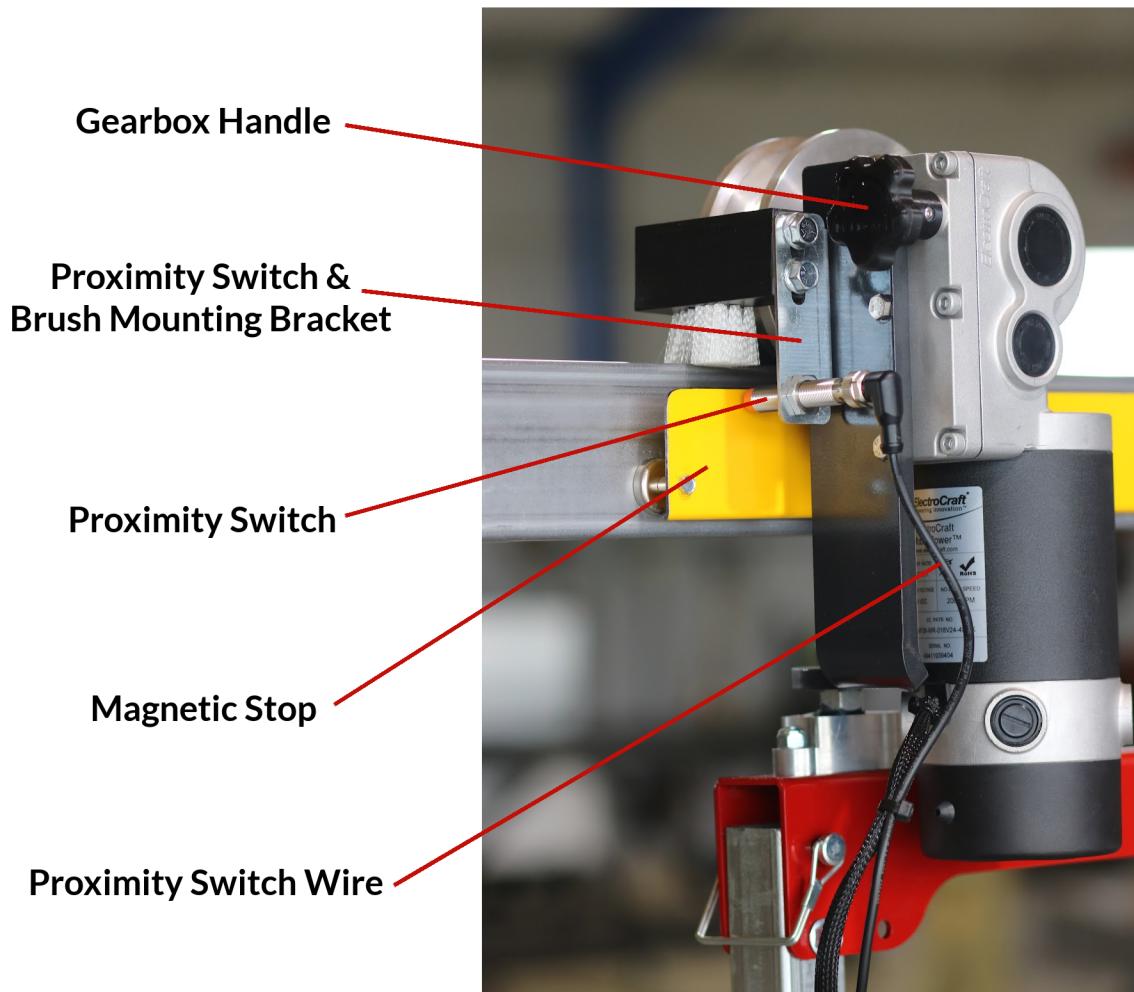
POULTRY HAWK® E-SERIES COMPONENTS



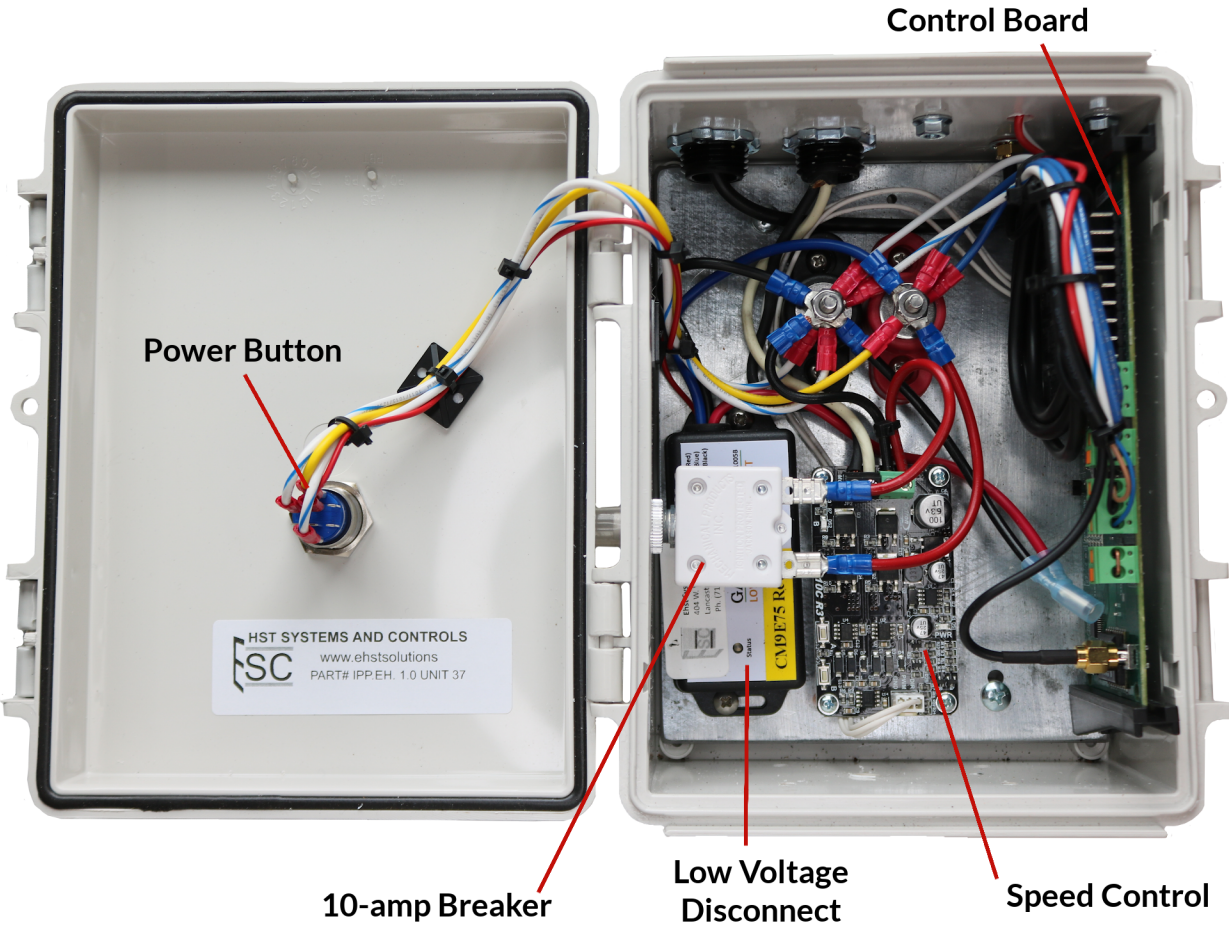
CONTROL PANEL



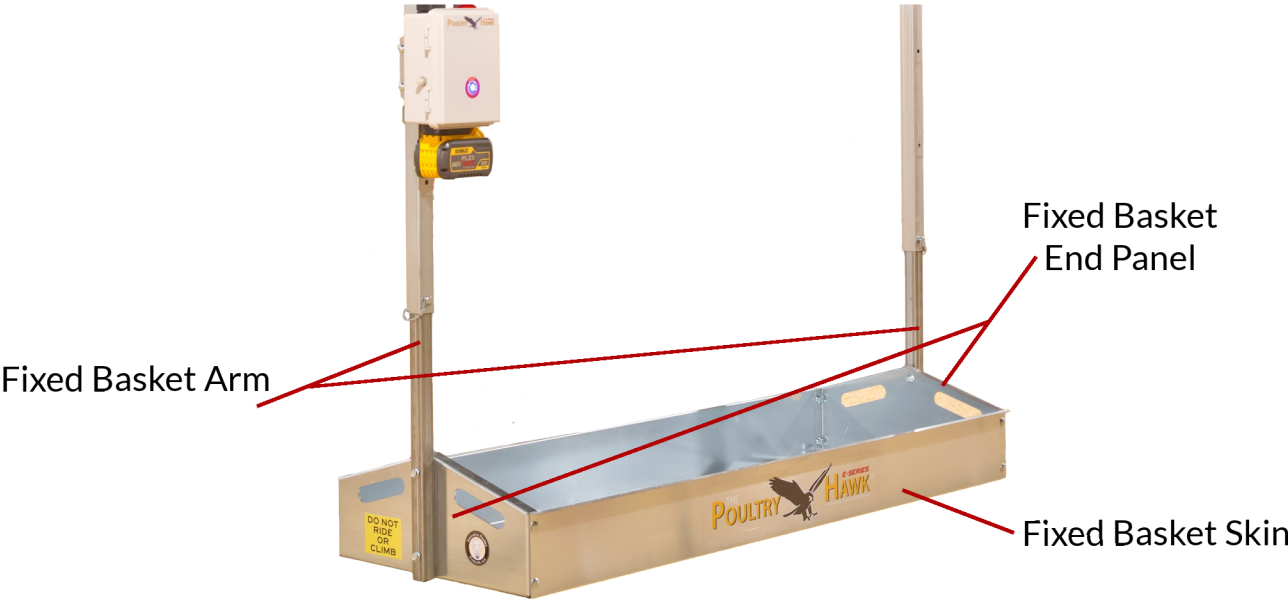
PROXIMITY SWITCH



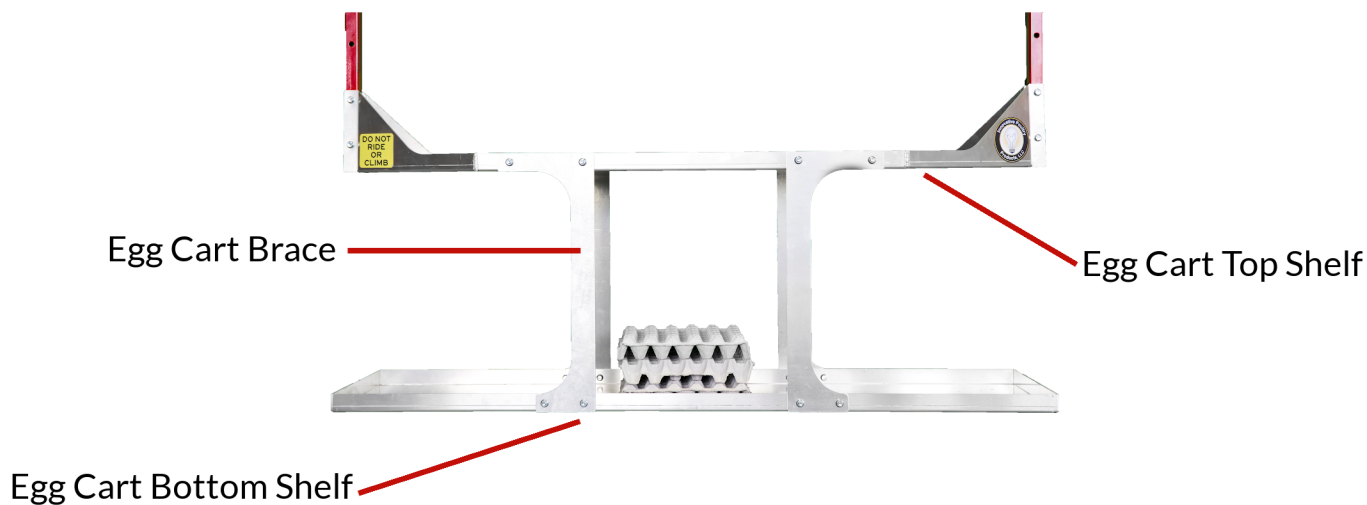
INSIDE THE CONTROL PANEL



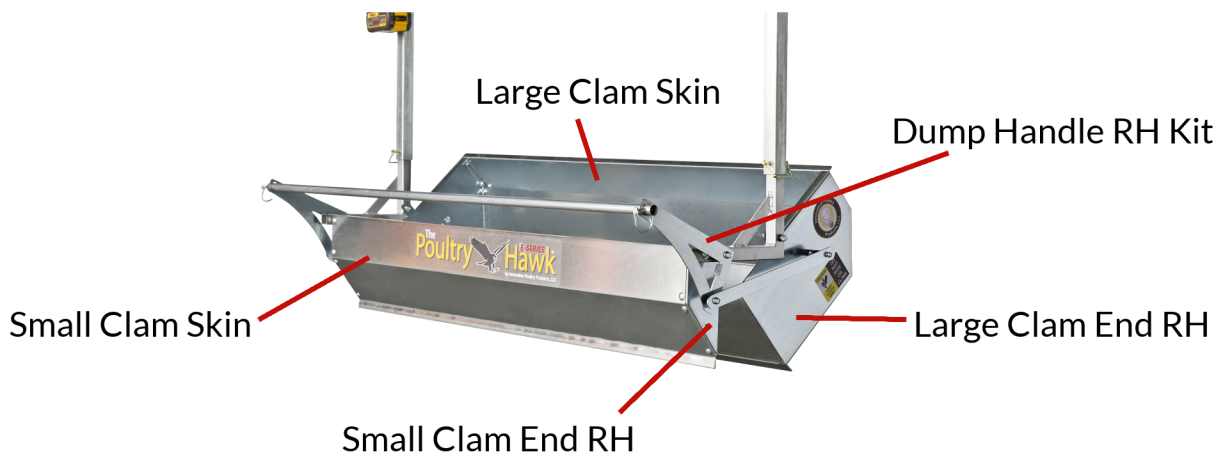
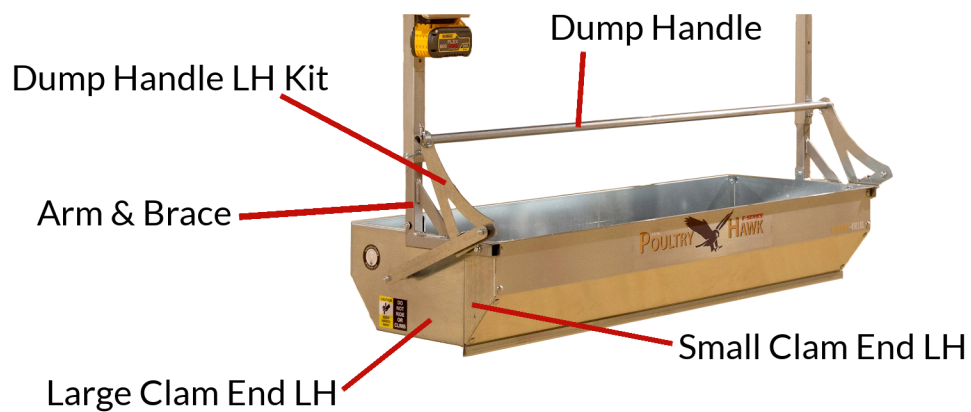
TROLLEY FIXED BASKET



TROLLEY EGG CART



TROLLEY DUMPING BASKET



RAIL SYSTEM



Truss Bracket:
Wood truss



J-Bracket:



90° Extension Bracket:



Truss Bracket:
Metal truss

Swedged Joints:

The swedging process simply decreases the size of the rail, allowing for the pieces to be joined together into a strong, smooth joint.



Divider Curtain Bridge:

Use at divider curtains to allow the curtain to be lowered



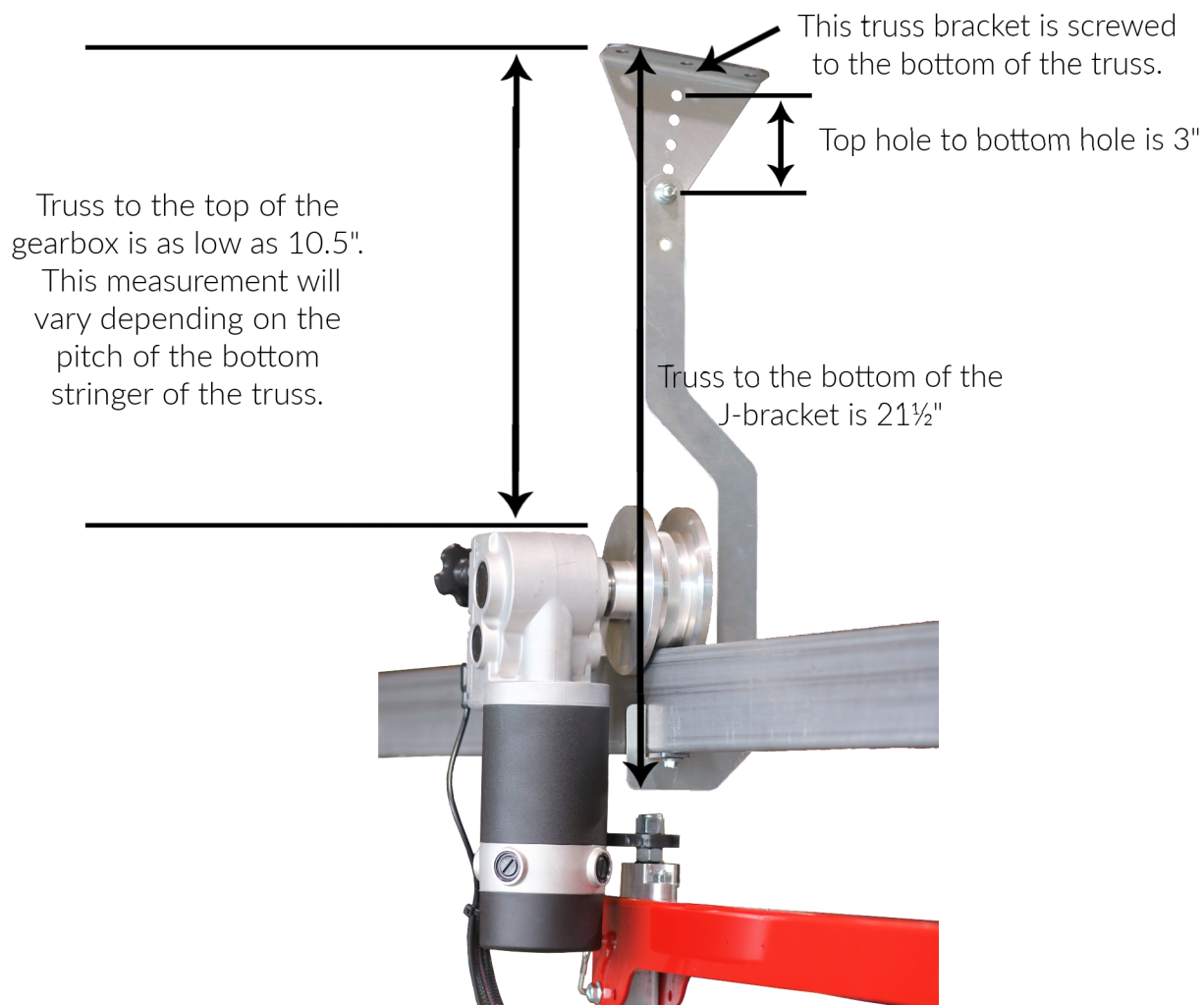
End Stop:

Specifications

POULTRY HAWK® E-SERIES BASKET

Length	60 inches	
Width	20 inches	
Depth	Dumping basket	Fixed basket
	10 inches	6 inches
Weight capacity	450 pounds	

TRACK AND TROLLEY HEIGHT





The top of the basket is 101 inches below the ceiling, when the basket is fully extended. This distance can be decreased by shortening the trolley arms.

Safety

UNDERSTANDING THE SAFETY LABELS

Safety labels are located on each end of the trolley basket. Please note these labels and the instructions given.

SAFETY PRECAUTIONS

- A. **Do not ride!** The Poultry Hawk® E-series is not intended for people to ride in. Doing so may result in injury and/or damage to the trolley.



- B. **Keep hands away!!** The dumping basket has several pinch points.
- C. **Do not lift the trolley off the track** when attempting to install or remove the trolley basket.
- D. **Use extreme caution** if you need to remove the Poultry Hawk® E-series from the track. The Hawk is somewhat top-heavy; so be careful.
- E. **Be sure to bolt an end stop into place** whenever a section of rail is removed. For example, whenever a bridge is removed at a divider curtain, secure an end stop on the side of the curtain toward the Poultry Hawk® E-series to prohibit the Hawk from running off the track.

Operating the Poultry Hawk® E-series

UNDERSTANDING THE KEY FOB

See key fob map on page 13.



USING THE KEY FOB

1. The key fob's signal range reaches 1000 feet.
2. To begin moving the Poultry Hawk® E-series, simply press the button on the fob that moves the Hawk in the direction you wish it to travel. You may stop and start the Hawk as often as you wish.

Key Fob Map

UNDERSTANDING YOUR POULTRY HAWK® E-SERIES REMOTE



Diverter button: for use if you have the Poultry Hawk® Track Diverter system.

Stop button: Stops the Poultry Hawk® E-series when it is traveling.

Speed Control buttons:

- (-) decrease speed
- (+) increase speed

Directional buttons:

- When facing the control panel on the Poultry Hawk® E-series, the left button will command the Hawk to move left and the right button will command it to move right.
- If the Poultry Hawk® E-series is at a magnetic stop, hold the directional button down until the Hawk begins to move, then release the button.

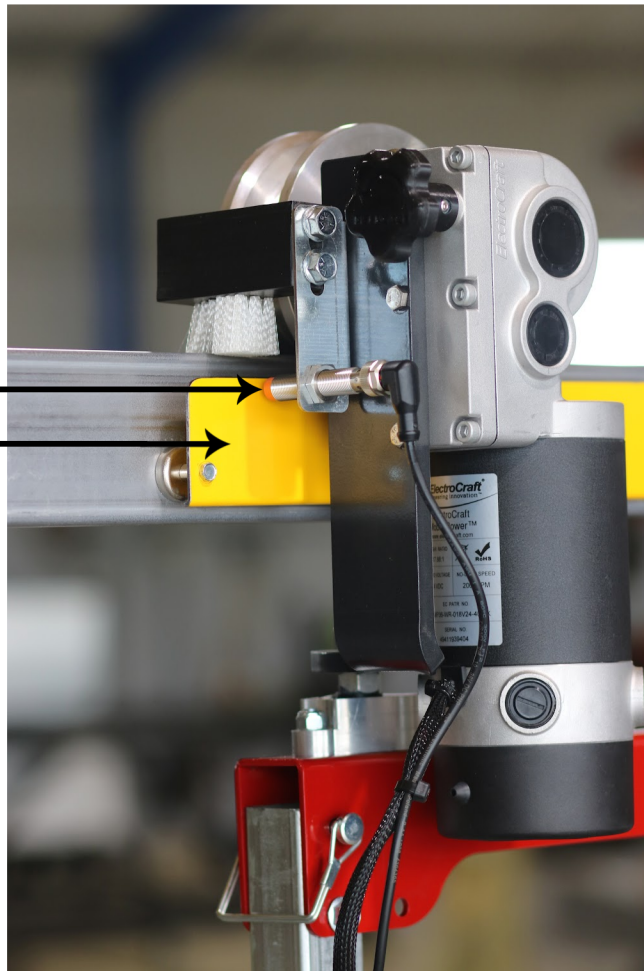
USING THE MAGNETIC STOP

Magnetic Stop

The magnetic stop should be placed on the side of the rail facing the Poultry Hawk® E-series proximity switch. It may be placed on the track wherever you want the Poultry Hawk® E-series to stop when it arrives there. Place the stop on the track with the magnets on the bottom of the stop.

Proximity Switch

The proximity switch serves to stop the Poultry Hawk® E-series when it senses a magnetic stop. It works for either direction of travel.



PREPARING THE BASKET FOR OTHER USES

The Poultry Hawk® E-series can help with multiple chores within the poultry house. Here are some guidelines to follow when preparing the unit for these chores.

- **Do Not** extend the sides of the basket.
- **Be Sure** the dump handle is in the "lock" position.
- When transporting feed, pinch the two dump clams securely together with a vise grip or similar clamping tool. This step is not necessary if you have a plastic feed liner.

PREPARING THE POULTRY HAWK® E-SERIES FOR CLEAN OUT

(Two people are needed to remove or install the basket)

Removing the basket

- Unpin the snapper-pins that hold the basket into place on the trolley arms.
- Slide the basket down and out away from the trolley arms.

Raising the trolley arms

- Fold up the arm opposite the control panel first.
- Unpin the arm and swing it up, pinning it into the up position.
- Next, unpin the arm with the control panel and pin it into the up position similar to the first arm.
- The trolley will still travel even when the arms are folded up.

Installing the basket

- Insert the basket arms into the trolley arms and slide upward to the desired height. Be careful that you do not lift the trolley off the track during this process.
- Using the snapper-pins, secure the basket into position.

POWERING UP THE POULTRY HAWK® E-SERIES

- Be sure the battery is pushed securely into the battery dock.
- Press the power button - a lit-up button indicates that the power is on.

MAINTAINING THE POULTRY HAWK® E-SERIES

The Poultry Hawk® E-series requires very little maintenance. Following the steps below will extend the life of the unit.

- When washing the unit, avoid spraying water directly onto the control panel.
While the panel is water resistant, it is not advisable to spray water on it directly.
- Regularly check the bolt that holds the drive wheel onto the gearbox shaft.
Tighten as needed.
- Clean the battery dock periodically in order to maintain good connection.

Rail System Installation

The rail system brackets are installed on 8-10 foot spacing. **Do Not Exceed 10 Feet!**

RAIL BRACKET USAGE

Truss Bracket

- **Wood Truss:** Use **two structural screws** (provided) to fasten this bracket to the bottom of the truss. A third screw may be used if a firm hold was not attained with the first two screws, but it is not usually necessary.
- **Metal Truss:** This bracket is used in poultry barns built with metal trusses.



J-Bracket

- The J-bracket is bolted to the truss bracket using one 5/16 x 3/4 inch flange bolt and nut. Be sure to tighten.



90° Extension Bracket

- The extension bracket serves two purposes. First, it turns the J-bracket 90° so the J-bracket is positioned correctly for the rail across the ends of the poultry house. Second, it is used to extend the J-bracket lower to accommodate any rise in the ceiling that may occur, especially across the end of a poultry house. These brackets can easily be cut to the needed length. Three 5/16 x 3/4 inch flange bolts and nuts are used with this bracket.



JOINING THE RAIL SECTIONS

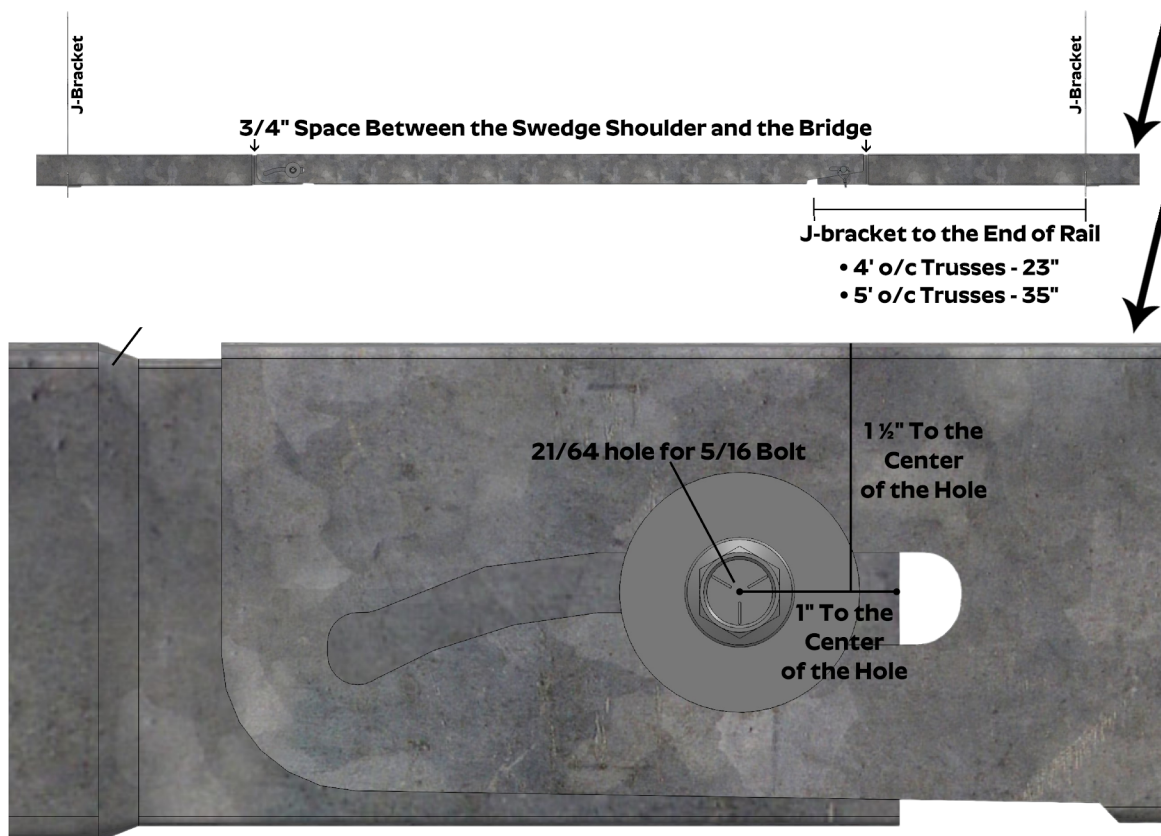
- Join the rail sections together by inserting the swedged rail end of one piece into the unswedged rail end of the next piece.
- Secure this joint by putting a 1/4 x 1" self-tapping screw into the joint. Be sure to keep the self-tapping screw in the lower half of the rail.



Accommodating the Divider Curtain

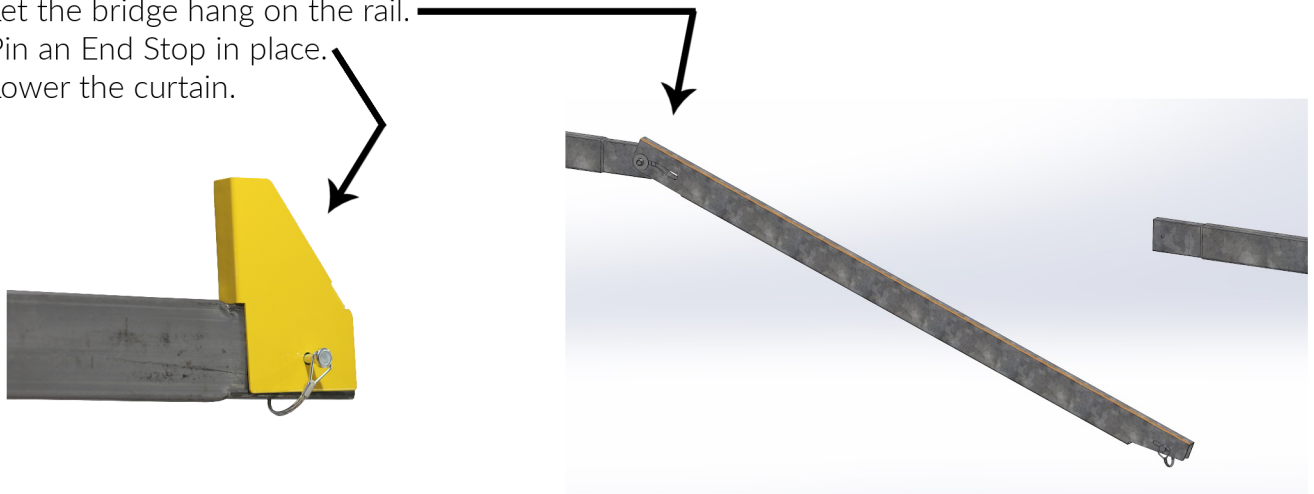
Installing the Divider Curtain Bridge

- Place brackets on both sides of the curtain on the nearest truss.
- The swedge of the rail should extend past the J-bracket toward the curtain-
 - Approximately 23" if the trusses are spaced every 4'.
 - Approximately 35" if the trusses are spaced every 5'.
- Place a double swedged rail piece in the J-brackets on the opposite side of the Divider Curtain. Do not secure it in place until the Divider Curtain Bridge is placed and secured.
- Place the bridge on the rail (swedged ends) spanning the space beneath the curtain.
- Allow approximately 3/4" from the end of the bridge to the shoulder of the swedge on both ends of the bridge.
- The end of the bridge with the long, angled shot.
 - Drill a 21/64" hole through the swedge 1" from the end of the rail.
 - Put the 5/16 x 1-3/4" bolt through this hole.
 - 2 fender washers (one each side of the rail)
 - Nylon locknut
 - Tighten to restrict rail movement during rail installation.
 - After installation of rail is complete, loosen the locknut to allow movement.
- The end with the straight slot
 - Drill a 21/64" hole through the swedge in the middle of the slot.
 - Put a 5/16 x 1-3/4" bolt through the hole with flange nut.
 - Tighten to restrict rail movement during rail installation.
 - After rail installation is complete, replace bolt with 5/16 D-pin.



Lowering the Divider Curtain

- Remove the D-pin from the Divider Curtain Bridge.
- Lift the unpinned end from the rail swedge.
- Pull the Divider Curtain Bridge so that the bolted end moves to the opposite end of the slot.
- Let the bridge hang on the rail.
- Pin an End Stop in place.
- Lower the curtain.



Raising the Divider Curtain

- Raise the curtain.
- Remove the End Stop.
- Place the unconnected end of the Divider Curtain Bridge onto the rail.
- Pin into place with the D-Pin.

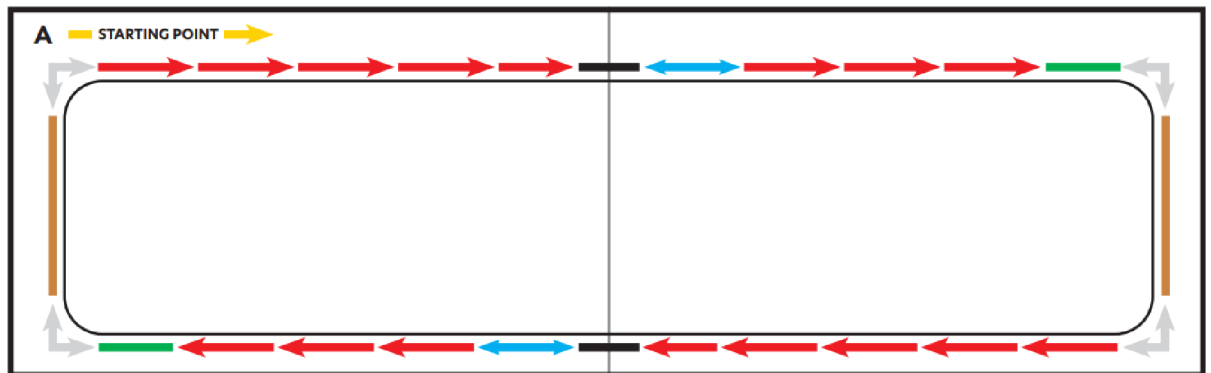
Installation Guide

(These instructions show a loop system rail. For a single rail system, follow these instructions for only one side of the house.)

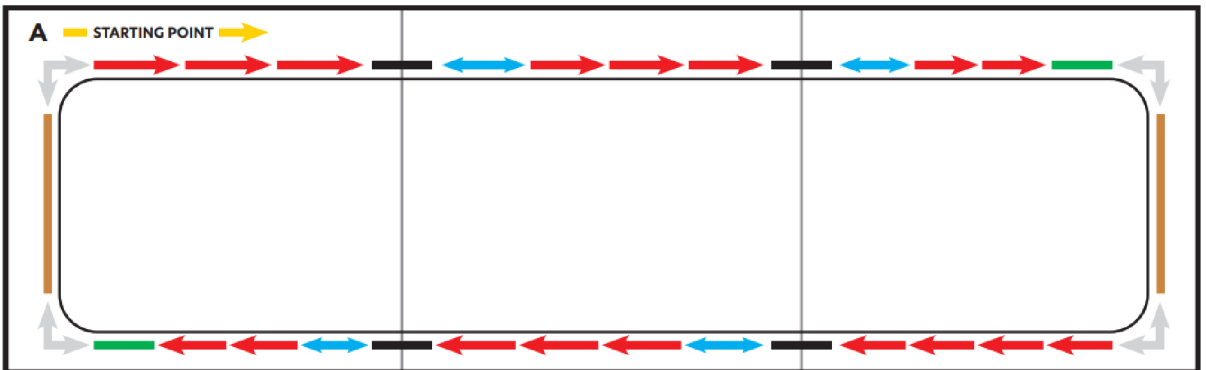
Drawing Key

-  Corner rail piece with both ends swedged (arrow represents swedged end).
-  Straight rail piece with no ends swedged.
-  Straight rail piece with one end swedged (arrow represents swedged end).
-  Bridge for under divider curtains.
-  Straight rail piece with both ends swedged.
-  Loop end bridge.

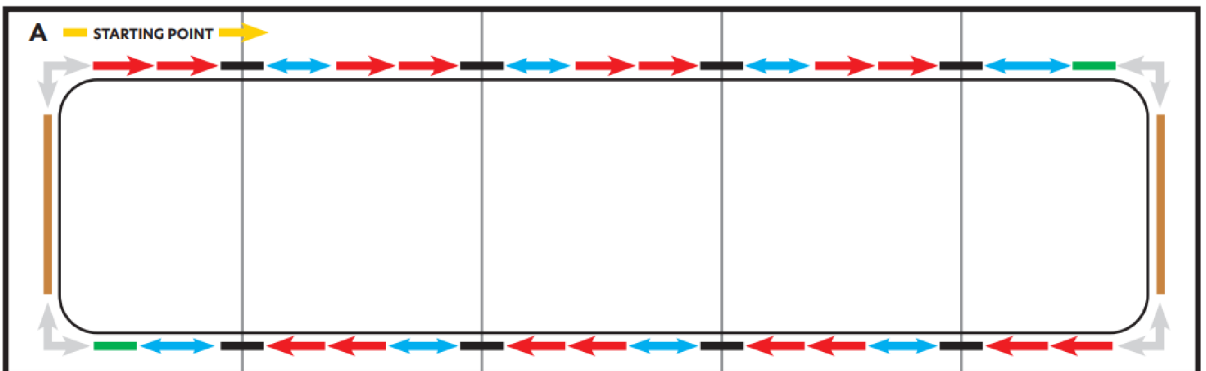
1 Divider Curtain



2 Divider Curtains



4 Divider Curtains



LOOP END BRIDGE

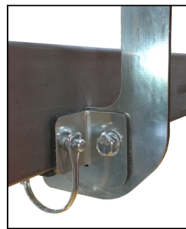
CREATE A REMOVEABLE SECTION OF RAIL FOR USE AT THE END OF A LOOP RAIL SYSTEM,
ALLOWING LARGER EQUIPMENT TO ENTER THE POULTRY HOUSE

SEE DIAGRAM AT BOTTOM OF PAGE

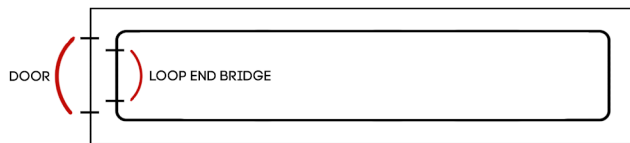
THIS PIECE HAS TWO FEMALE
ENDS. IT NEEDS TO BE CUT TO
LENGTH TO ATTAIN THE DESIRED
BRIDGE LENGTH.



REMINDER: DO NOT
SPAN MORE THAN 10
FEET BETWEEN
J-BRACKETS. YOU
MAY NEED TO HAVE
AT LEAST ONE
SUPPORTING THIS
REMOVABLE PIECE.

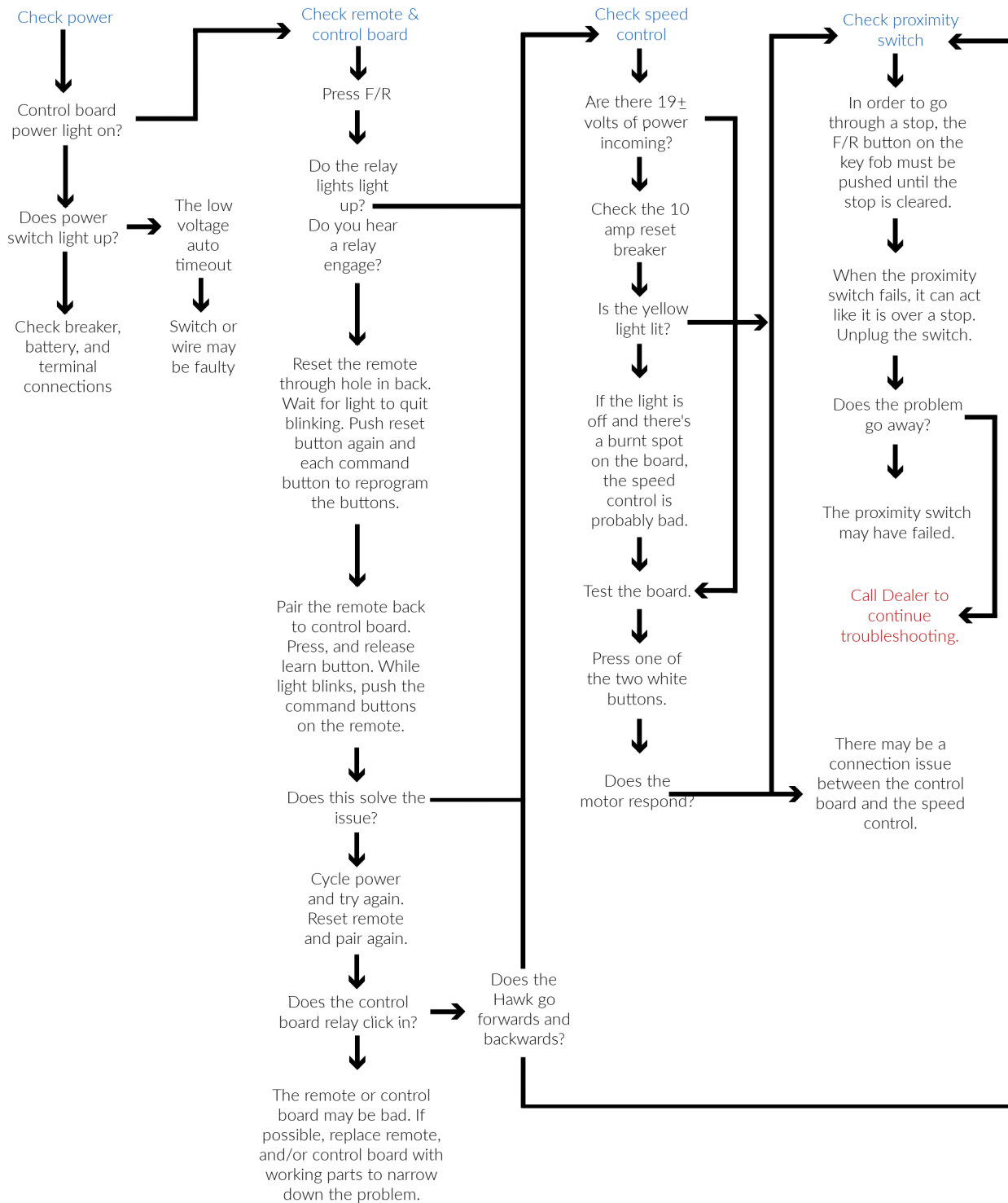


J-SIDE TAB
EASY REMOVAL OF
LOOP END BRIDGE

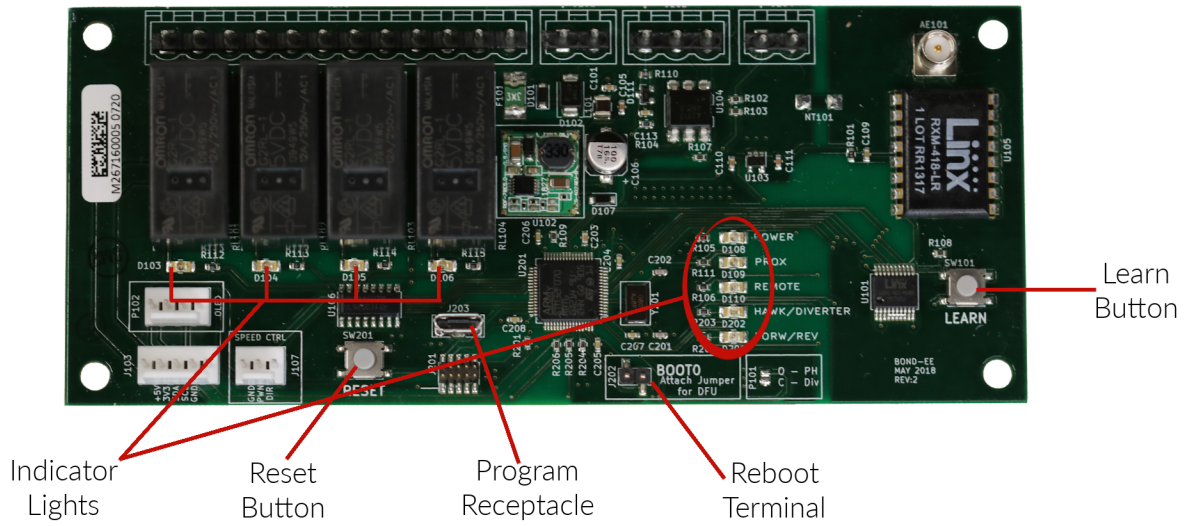


Troubleshooting Guide

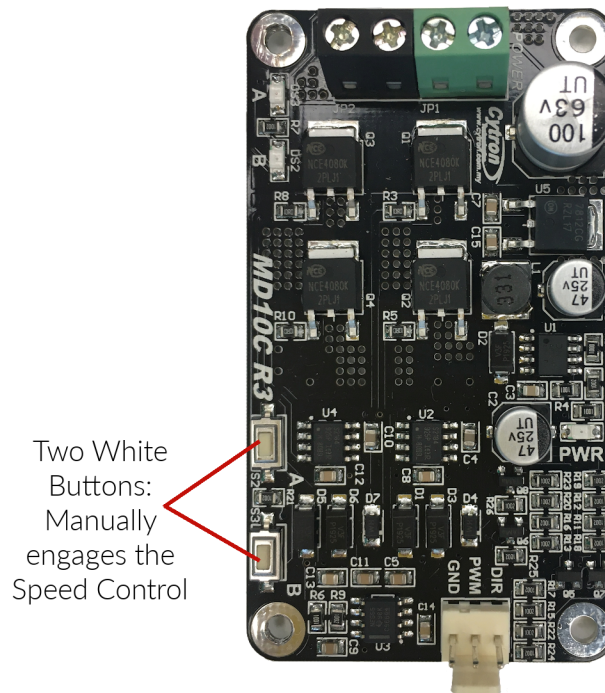
TROUBLESHOOTING FLOWCHART



CONTROL BOARD



SPEED CONTROL



PROGRAMMING THE KEY FOB

1. Canceling the key fob.
 - a. Find the pin hole on the back of the key fob. Using a small wire or something similar, gently push the button in this hole once to cancel the key fob.
 - b. Wait until the blue light of the key fob quits blinking.
2. Programming the key fob.
 - a. Gently push the rear button.
 - b. While blue light is blinking, push all the control buttons of the key fob.
3. Synchronizing the key fob with the control box.
 - a. Open the control box.
 - b. Press the learn button next to the receiver chip that is located next to the antenna. A red light should begin blinking.
 - c. While the red light blinks, push all the control buttons of the key fob.
 - d. Wait until the red light stops blinking.
 - e. The key fob is now programmed.

TROUBLESHOOTING A KEY FOB

1. Begin by working through the steps listed above for programming a key fob.
2. If this does not solve the issues, bring another key fob, and program it with the troubled Hawk.
3. If the Hawk now works correctly, the 1st remote is not working.
4. Begin by replacing the battery in the remote that is not working.
5. If the trouble persists then call your local dealer.

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.

(Version 3.0)



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: _____

(Version 3.0)