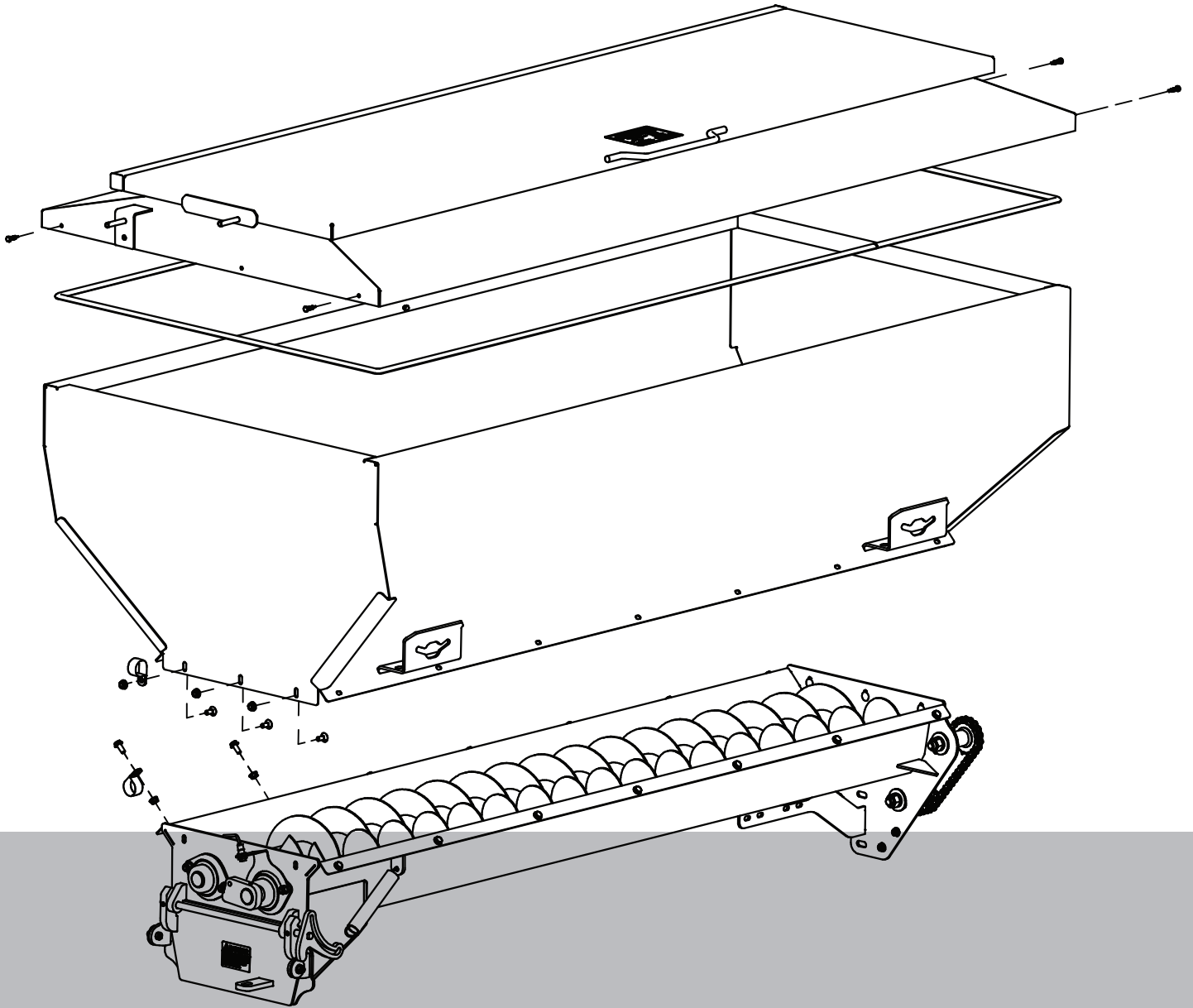


# BEEFCAKE

---



## OPERATOR'S & PARTS MANUAL



**Thank you for purchasing a Harper Beefcake.**

**TO THE OWNER OR OPERATOR:**

As with all Harper products, the Harper Beefcake has been developed through tough design and testing procedures to produce a machine that can be relied on. This manual gives assembly, operating, and service information for models **BC1000, BC1500, and BC2000**. Please read and understand all instructional material included with the Beefcake and its components before assembling and operating the equipment.

A Beefcake cake feeder can present hazards to an operator who follows unsafe procedures in either the operation or maintenance of the unit. Therefore, **SAFETY WARNINGS** are presented at certain locations in the text.

**SYMBOL:**



**SAFETY WARNING!**



**MEANING:** Failure to understand and obey this warning may result in injury to you or others. Whenever this symbol is used, please pay very close attention to the information presented, and make sure you fully understand. If you do not, contact your dealer or Harper Industries for clarification.



**SAFETY WARNING!**



**All shields and guards must be in place for proper and safe operation of this equipment. Where they are shown removed in this manual, it is for purposes of illustration and instruction only. Do not operate this equipment unless all shields and guards are in place.**

Harper Industries, Inc. is continually striving to improve the design and performance of its products. We reserve the right to make changes in specifications and design without thereby incurring any obligation relative to previously manufactured products.

© 2026 Harper Industries, Inc.

The Harper and Beefcake names are registered trademarks of Harper Industries, Inc. All other brand and product names are trademarks or registered trademarks of their respective companies.

## LIMITED WARRANTY

Harper Industries, Inc. (HII) warrants to each purchaser of a new Harper Beefcake from an authorized dealer or representative, that such equipment is free of manufacturer's defects in workmanship and materials which appear while in normal service for a period of ONE YEAR commencing with delivery to the original user.

The obligation of HII under this warranty is expressly limited, at our option, to replacement or repair at a service facility designated by Harper Industries or at the manufacturing plant in Harper, KS. A part will be replaced after inspection discloses it to have been defective. This warranty does not apply to defects caused by damage or unreasonable use (including failure to provide reasonable and necessary maintenance, or by performing functions without genuine Harper Beefcake accessories) while in the possession of the consumer.

Warranty is limited to parts, labor and ground freight delivery of replacement parts. HII shall not be liable for the consequential damages of any kind, including but not limited to consequential labor costs or transportation charges in connection with replacement or repair of defective parts.

This warranty does not apply to parts subjected to misuse, abuse, alteration, improper or inadequate maintenance, or normal wear (including chains, augers).

Harper Industries makes no warranty with respect to trade accessories. They are subject to the warranties of their respective manufacturers.

ANY IMPLIED OR STATUTORY WARRANTIES, INCLUDING ANY WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. HII makes no other express warranty, nor is anyone authorized to make any on behalf of HII.

For further information please contact your nearest Harper Beefcake dealer.

Date of Purchase \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Dealer's Name \_\_\_\_\_

Dealer's Phone \_\_\_\_\_

Serial Number \_\_\_\_\_

# Table of Contents

## OPERATOR SECTION

|                                         |    |
|-----------------------------------------|----|
| To the Owner or Operator.....           | 1  |
| Warranty Statement.....                 | 2  |
| Table of Contents.....                  | 3  |
| Specifications.....                     | 4  |
| Feature Identification.....             | 5  |
| <b>General Safety Guidelines</b>        |    |
| Equipment and Controls.....             | 6  |
| Guards and Shields.....                 | 6  |
| Replacement Parts.....                  | 6  |
| Safety Decals.....                      | 6  |
| Hydraulics.....                         | 6  |
| <b>Installation</b> .....               | 7  |
| <b>Operating Instructions</b>           |    |
| Before Operating.....                   | 8  |
| Transporting.....                       | 8  |
| Operating                               |    |
| Hydraulic BC.....                       | 8  |
| Electric BC.....                        | 9  |
| <b>Optional Door Operations</b>         |    |
| Method 1 - Door Lifting Mechanism.....  | 10 |
| Method 2 - Kicker.....                  | 10 |
| <b>Optional Chute Operations</b>        |    |
| Method 1 - Manual Chute Operations..... | 11 |
| Method 2 - Actuator.....                | 11 |
| <b>Electric Models</b> .....            | 12 |

## PARTS SECTION

### Structure

|                                              |       |
|----------------------------------------------|-------|
| Cake Feeder Assy (2017).....                 | 16    |
| Cake Feeder Stand (2017).....                | 17    |
| Auger & Trough Assy (2021).....              | 18-19 |
| Auger Orientation.....                       | 20    |
| Drive Chains Adjustment & Tension.....       | 21    |
| Lid & Frame Assy.....                        | 22    |
| Lift Handle & Latch/Drive Shield (2017)..... | 23    |
| Chute Extension Assy (2017).....             | 24    |
| Cake Feeder Dummy Arms.....                  | 25    |
| Decals.....                                  | 26    |

### Hydraulic/Electric

|                                    |       |
|------------------------------------|-------|
| Hydraulic Drive (2021).....        | 27    |
| Electric Drive (2021).....         | 28    |
| Electric Drive (2017).....         | 29    |
| Hand Control & Harness (2017)..... | 30-31 |
| Hand Control & Harness (2020)..... | 32-33 |
| Electrical Schematic.....          | 34    |

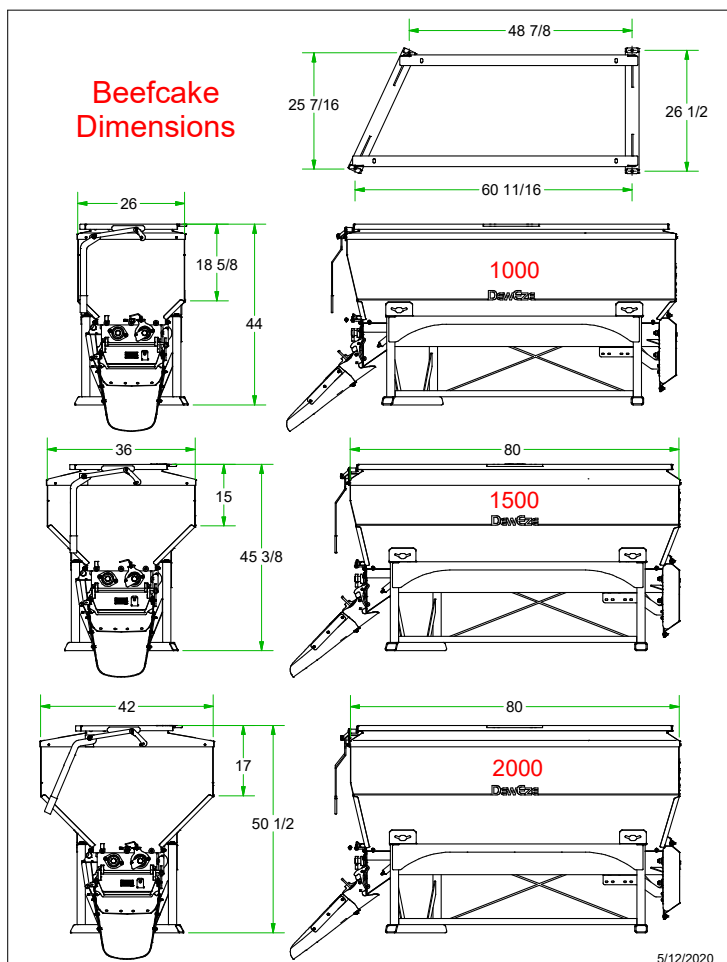
### Optional

|                                      |    |
|--------------------------------------|----|
| Door Operation Options (Kicker)..... | 35 |
| Electric Actuator.....               | 36 |
| Light Bar Option (800/900 Beds)..... | 37 |
| Light Bar (Non-800/900 Beds).....    | 38 |

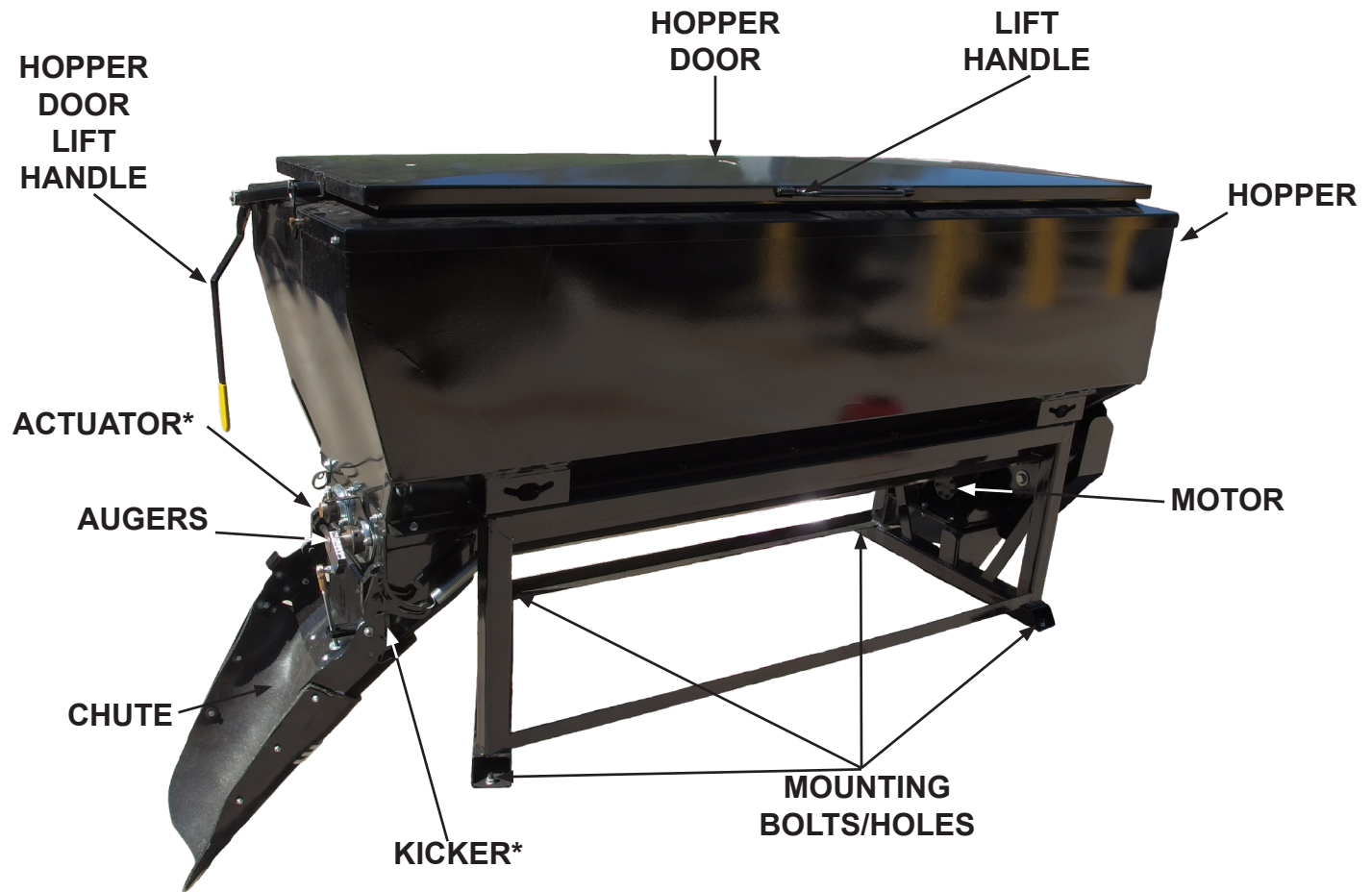
# Specifications

|                   |                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Power</b>      | Hydraulic<br>Electric Motor - Leeson 3/4 hp                                                                                                                     |
| <b>Capacity</b>   | BC1000 - 26 cu. ft. - about 1000 lbs. w/ 3/4" range cubes<br>BC1500 - 34 cu. ft. - about 1500 lbs. w/ " " "<br>BC2000 - 46 cu. ft. - about 2000 lbs. w/ " " "   |
| <b>Dimensions</b> | BC1000 - Length: 80 in Width: 26 in Height: 44 in<br>BC1500 - Length: 80 in Width: 36 in Height: 45.3 in<br>BC2000 - Length: 80 in Width: 42 in Height: 50.3 in |
| <b>Paint</b>      | Durable 2-part Polyurethane                                                                                                                                     |
| <b>Augers</b>     | Two 6 inch diameter augers<br>Left - 76 3/4 in long<br>Right - 78 in long                                                                                       |
| <b>Options</b>    | - Electronic Actuator for chute<br>- Kicker for chute door                                                                                                      |

**NOTE:** Following publication of this manual, certain changes in standard equipment and options may have occurred which would not be included in these pages. Your Harper dealer is the best source for up-to-date information.



## Feature Identification



**Hopper Door Lift Handle** - used to open the hopper from the ground.

**Actuator\*** - raises and lowers the chute.

**Augers** - when rotating, push the feed out of the hopper and down chute.

**Chute** - made of rubber and can be raised for transport or lowered for distribution of feed.

**Kicker\*** - when attached it allows the door for the feed to be held in an open position.

**Mounting Holes/Bolts** - for mounting the Beefcake to the flatbed.

**Motor** - is a Leeson 3/4 hp used to power the dual augers.

**Hopper** - has three options of capacity: 1000, 1500, or 2000 lb limits based on choice of BC.

**Hopper Door** - has a weather proof strip on the inside edge of door to keep moisture out.

**Lift Handle** - used to open hopper when on the bale bed.

\* denotes optional attachments of the **Beefcake**.

# General Safety Guidelines

## Equipment & Controls

- Before operating this equipment, read and understand the Operator's Manual.
- Altering the unit in any way that adversely affects its safe operation, performance or durability will void the warranty and may cause hazardous conditions.
- Know the location and function of all controls and how to stop the equipment quickly in an emergency before you operate the unit.
- Keep all bolts, screws and fittings tight to ensure safe operation of equipment.

## Guards & Shields

- Keep all safety devices in place and in good operating condition.
- Replace all worn, damaged, unusable, missing or lost safety shields and guards before operating unit.

## Replacement Parts

- Use genuine factory parts or parts with equivalent characteristics including: type, strength and material.
- Replace locknuts and locking screws if they cannot be tightened without considerable resistance for several turns before they are completely tight.
- If hardware is not secure, or if fasteners are over-tightened, equipment failure may result posing possible safety hazards.
- Use proper torque specifications for all fasteners when they are replaced.



### **SAFETY WARNING!**

Failure to use genuine factory parts may result in voiding of the warranty, product malfunction or possible injury.

## Safety Decals

- If safety related or instructional decals become illegible or are removed, replace them immediately.
- If parts are replaced, make sure all safety related or instructional decals are present before the equipment is operated again.
- New decals may be obtained from your local Harper Dealer.

## Hydraulics

### **To prevent serious injury or death:**

- Relieve pressure on system before repairing, adjusting or disconnecting any hydraulic hose or fitting.
- Wear proper hand and eye protection when searching for leaks.
- Use wood or cardboard instead of hands when looking for leaks.
- Keep all hoses, fittings and components in good operating condition.
- Do not use any type of heat or flame (welding, soldering, cutting torch, etc.) near pressurized hydraulic lines.



### **SAFETY WARNING!**

### **HIGH-PRESSURE FLUID HAZARD!**

Escaping fluid under pressure can penetrate skin causing serious injury or death.

## Installation

You can use select Deweze Balebeds to lift your new **Beefcake** on to the bed or one of many other options as long as safety, precaution and common sense are used.



### SAFETY WARNING!

**Keep any objects or body extremities from beneath the Beefcake when loading and do not stand under the feeder when it is raised.**

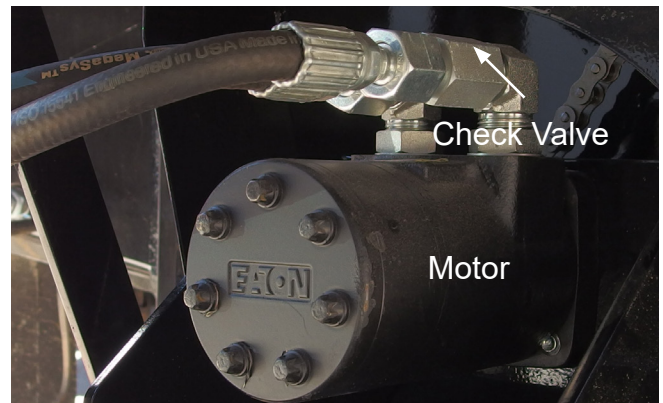
Next, position the Beefcake into place so that you can mark on the flatbed floor the location of the mounting holes for attaching the **Beefcake**. Align the mounting holes with stringers of the flatbed, and mark the (4) mounting holes for drilling, rotate the Beefcake to the back of your flatbed, and drill the (4) mounting holes.



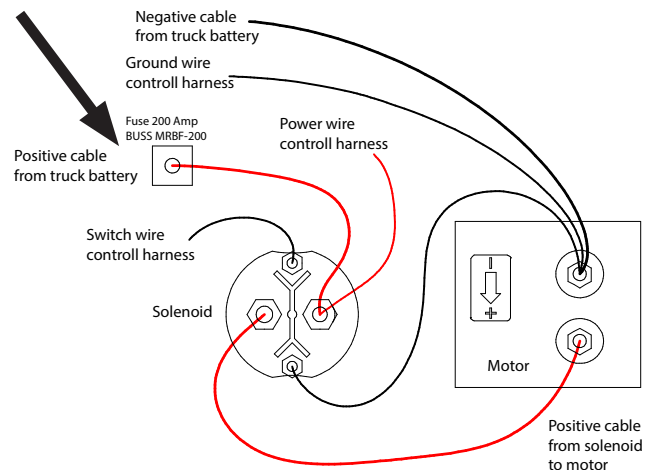
Put the Beefcake back in place where you marked and drilled the mounting holes. Attach with either the (4) mounting bolts included in your purchase or your own preferred size of mounting bolt that can fit into the predrilled mounting points on the Beefcake.

The final step depends on whether you have purchased the hydraulic or electric motor version of the Beefcake.

For the hydraulic, connect the hydraulic hoses that are attached to the Beefcake to your bed's hydraulic hookups located on the right side of the headache rack. There is a check valve pre-installed on your Beefcake. If by chance the augers do not run when activated, switch the hoses on the bed location. This will allow it to run correctly. There is also an electrical harness that will need positive and negative leads run from the feeder to the battery under the hood of the truck.

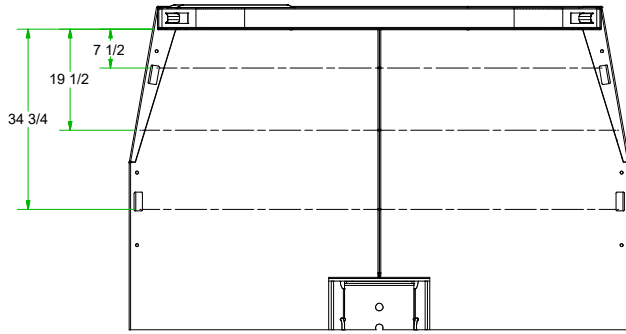


For the electric, attach the positive cable to the solenoid as depicted below, and run it to the positive end of the battery on the truck, and be sure to put the 200 Amp fuse on with the cable (this will protect the motor).

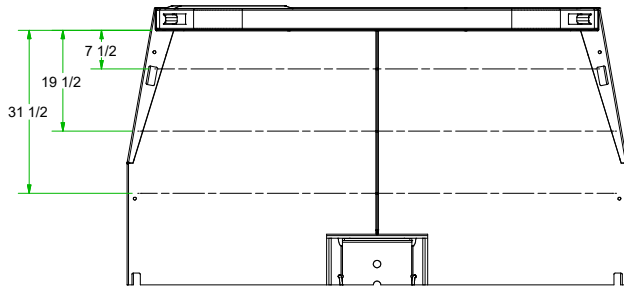


Also, If you prefer to operate either of the version (hydraulic or electric) from inside your truck, run the Beefcake controller to the inside of your truck.

## DewEze Flatbed Stringer Locations



684 & 784



676 & 776  
688 & 788

## Operating Instructions

### Before Operating

- Inspect inside the hopper and around the chain drive for the augers for any foreign objects. If any are found remove it/them.
- Be sure to check that all shields are in place and that all bolts or fasteners are tightened.

### Transporting

- When transporting the Beefcake, be sure that the hopper lid's lift handle has the safety latch in place so that the lid does not rise during transport due to wind.



### Operating Hydraulic Powered Beefcake

- Fill Beefcake with desired amount of feed or grain product.
- Lower the rubber chute to feeding position.
- Activate the hydraulic motor with the balebed's remote.

Due to the check valve on this product, if it becomes clogged or stalls, it cannot be reversed to dislodge it. You must stop the feeder, shut off the units power, and disconnect the hydraulic hoses to relieve any pressure on the system before seeing to the problem.

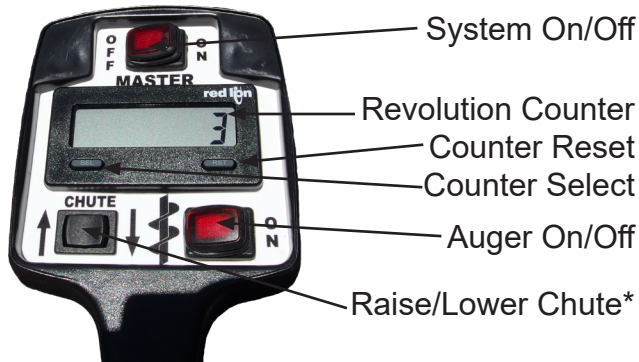


**SAFETY WARNING!**  
Do not put hands into a plugged auger when there is pressure on the system. It can result in harm.

- Do not use the hopper for long term storage of feed. It could create a corrosive environment and cause unwarranted wear on your machine.

## Electric Powered Beefcake

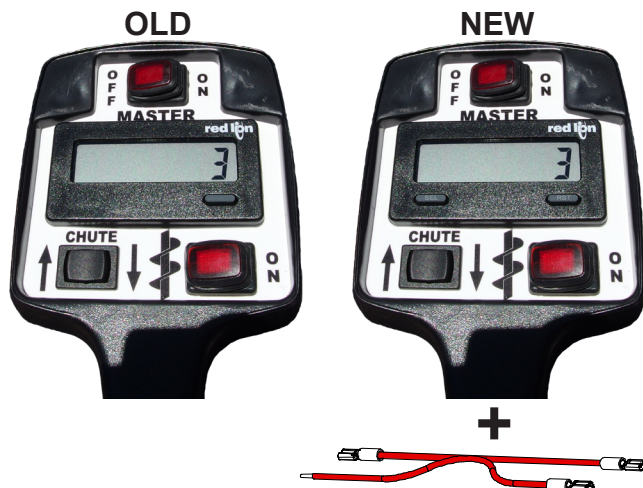
- Fill Beefcake with desired amount of feed or grain product.
- Lower the rubber chute to feeding position.
- Activate the electric motor with the Beefcake's remote.



\*Only available with the chute actuator option otherwise this switch serves no purpose.

## For Your Information

The controller for the Beefcake is used in both the hydraulic and electric version of the feeder. Currently, the only difference is that the auger is activated differently between the two options. The electric uses the auger on/off switch on the Beefcake remote, and the hydraulic uses the flatbeds hydraulic function to activate the auger. Aside from the auger, everything else on the Beefcake remote is universal.



**NOTE:** Old ONE BUTTON counters had a soldered battery and are obsolete. New counters have TWO BUTTONS and require a jumper wire to add constant power: **Page 32**

## Red Lion Cub5B Counter Factory Reset

### RESET:

Press RST and hold for 3 seconds & release.

Press SEL 1 time.

### REPROGRAM:

Power off hand control then turn back on.

Hold SEL for 3 seconds.

>>>> Screen will display "Pro No"

Press RST 3 times.

>>>> Screen will display "3-dsplay"

Press SEL 8 times.

>>>> Screen will display "Fact Set", "No"

Press RST 1 time.

>>>> Screen will display "Yes"

Press SEL 1 time.

>>>> Screen will display "Pro No"

Press SEL 1 time.

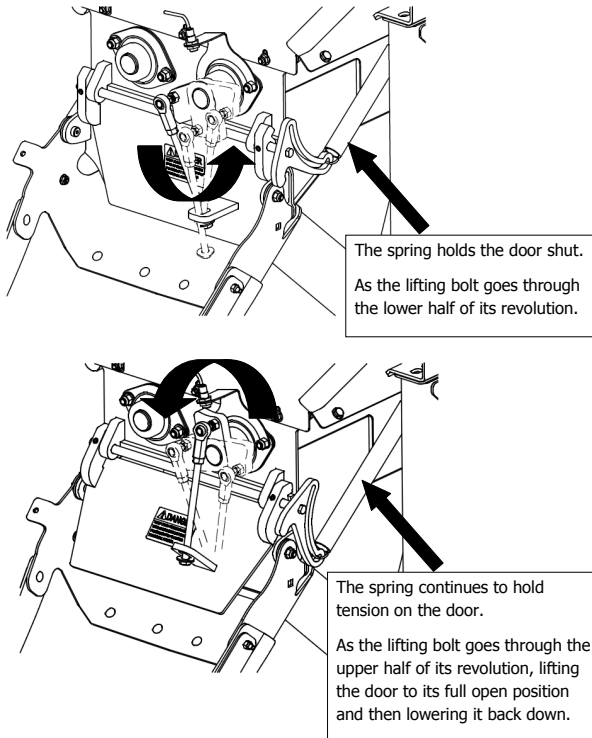
Done

**NOTE:** Error code EE means an error occurred between the counter and the sensor. Ensure all wires are tightend and free of corrosion. Also look for nicks that could cause intermittent ground faults.

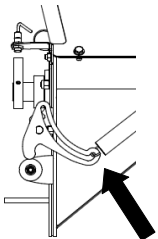
# Optional Door Operations

## Method #1

### Door Lifting Mechanism and Operation

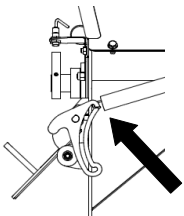


When it is in the closed position, it will create piles while operating. Where as if it is in the open position, it will create a row while operating.



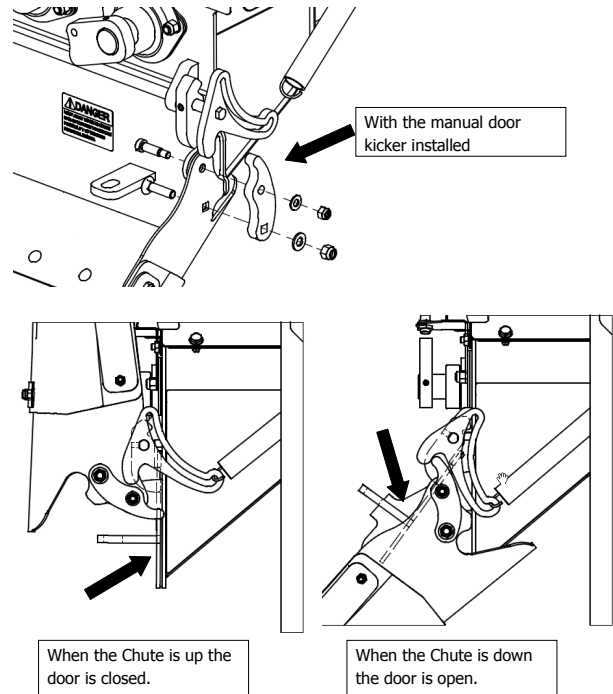
Changing the position of this spring holds the door **OPEN** or **CLOSED**

This is located on the right side of the chute as depicted by the image.



Reference **Page 35**  
for optional door lift parts

## Method #2 Kicker



The kicker is a great option for when you will always be making rows rather than piles with your feed.

**NOTE: USE ONLY ONE METHOD.**



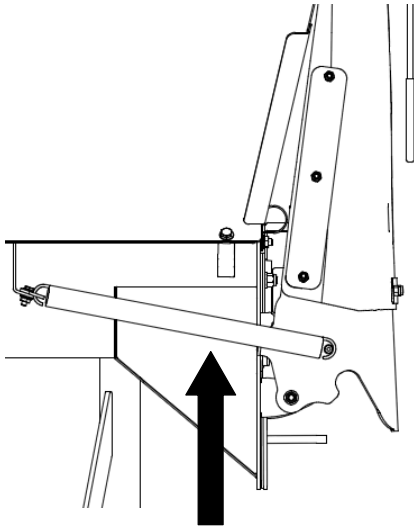
**CAUTION!**



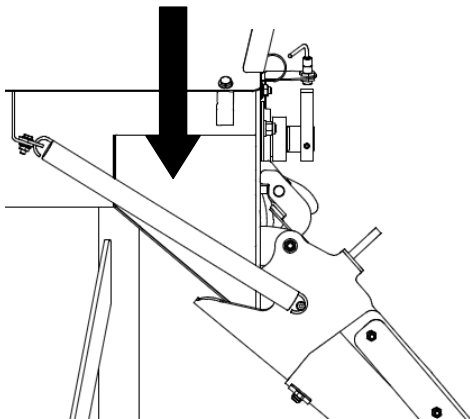
Using both optional methods at the same time will cause either the chain or actuator to fail. *The unit will come from the factory with Method #2 pre-installed.*

# Optional Chute Operations

## Method #1 Standard



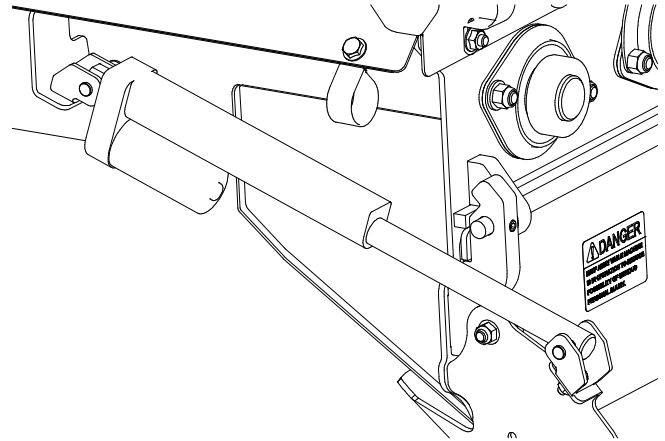
This spring holds the Chute  
either **UP** or **DOWN**



This is located on the left side of the chute as depicted by the image.

This is used for transportation so that the chute is not damaged in any way due to protruding from the side of the truck.

## Method #2 Actuator



The actuator replaces the spring that holds the chute either an up or down position. It allows the operator to manage the chute from the comfort of the seat or whatever their location is. See page 7 for details on the switch for the actuator.

## DewEze Electric Beefcake

### Electrical Minimum Requirements

#### Cable Requirements

All Electric Beefcake models are supplied with 18FT 2GA welding cable leads for hook-up to truck battery — This is maximum length for this cable

If a longer length is desired refer to chart below for minimum cable size

| 18FT     | 25FT      | 30FT       | 35FT       | 40FT        |
|----------|-----------|------------|------------|-------------|
| Supplied | "0" Gauge | "00" Gauge | "00" Gauge | "000" Gauge |

Cables of new length must be built from single cables without splices or connections — Cable ends must be properly crimped or soldered

#### Electrical Supply Requirements

Beefcake electric feeders require a stable power source:

- Batteries must be in good condition and should be fully charged (12.7V standing)
- Truck Charging System must operational (14V+ if engine running)
- All electrical connections must be good (checked with voltmeter, not visually)

Batteries at 12.1 Volts are not fully charged they are actually 50% discharged

Battery Standing Voltage @ Percent Charge

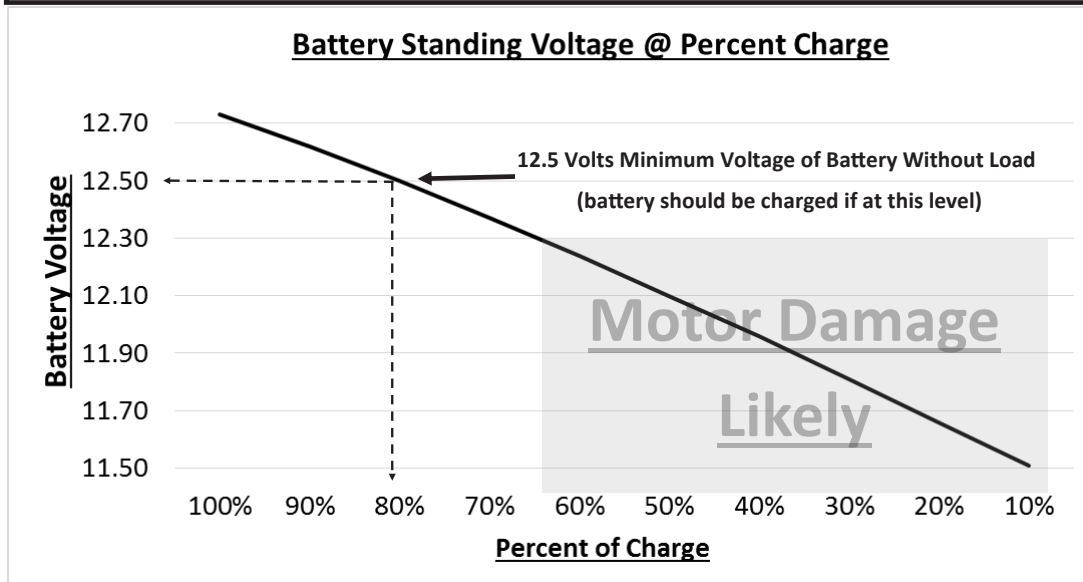


Chart Shows the unloaded voltage of a good battery at a particular charge level this is for reference only — actual battery charge and capacity should be determined by load testing of the battery

2/12/19

# PARTS



# Table of Contents

## PARTS SECTION

### Structure

|                                              |       |
|----------------------------------------------|-------|
| Cake Feeder Assy (2017).....                 | 16    |
| Cake Feeder Stand (2017).....                | 17    |
| Auger & Trough Assy (2021).....              | 18-19 |
| Auger Orientation.....                       | 20    |
| Drive Chains Adjustment & Tension.....       | 21    |
| Lid & Frame Assy.....                        | 22    |
| Lift Handle & Latch/Drive Shield (2017)..... | 23    |
| Chute Extension Assy (2017).....             | 24    |
| Cake Feeder Dummy Arms.....                  | 25    |
| Decals.....                                  | 26    |

### Hydraulic/Electric

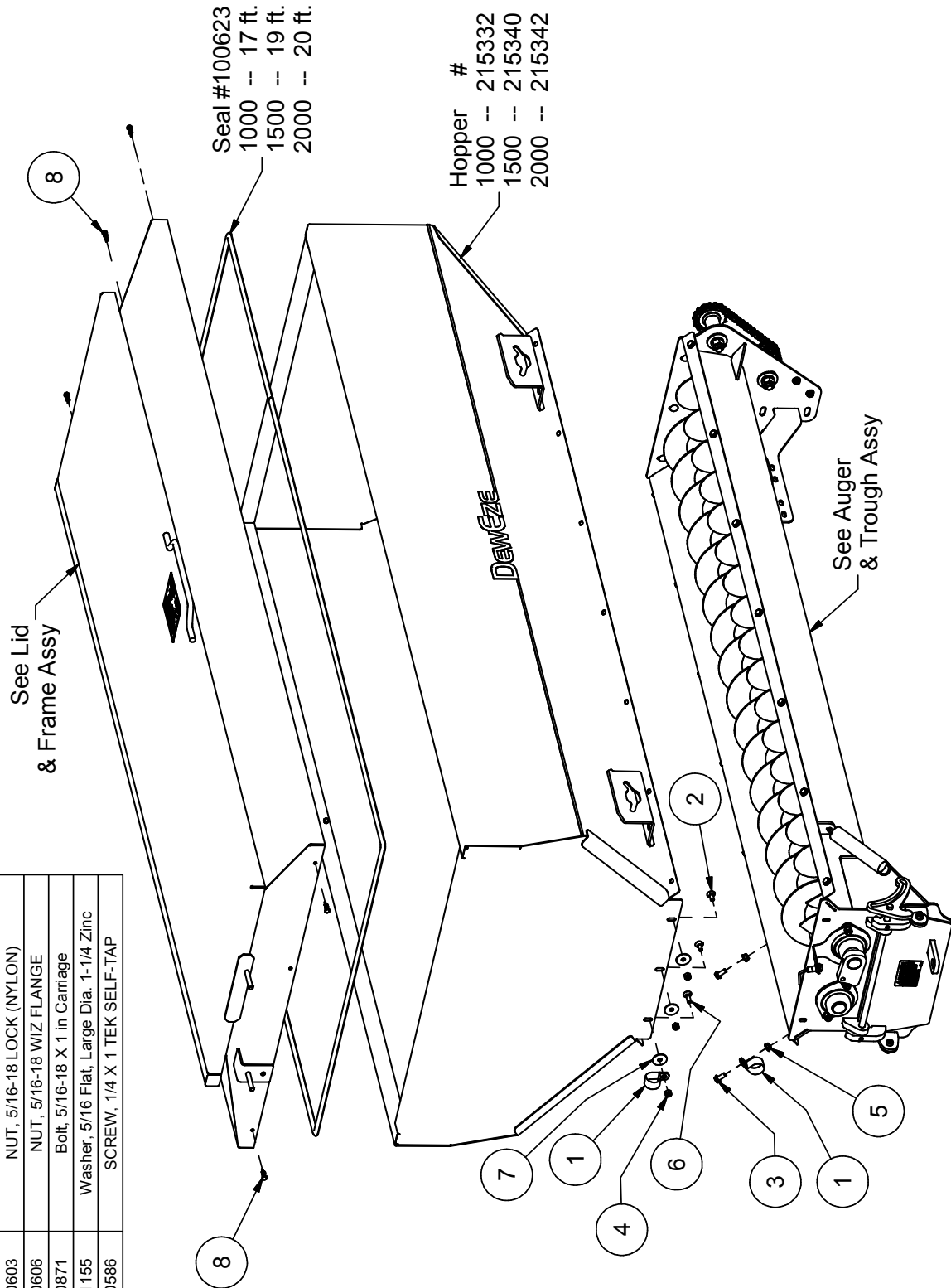
|                                    |       |
|------------------------------------|-------|
| Hydraulic Drive (2021).....        | 27    |
| Electric Drive (2021).....         | 28    |
| Electric Drive (2017).....         | 29    |
| Hand Control & Harness (2017)..... | 30-31 |
| Hand Control & Harness (2020)..... | 32-33 |
| Electrical Schematic.....          | 34    |

### Optional

|                                      |    |
|--------------------------------------|----|
| Door Operation Options (Kicker)..... | 35 |
| Electric Actuator.....               | 36 |
| Light Bar Option.....                | 37 |

# Cake Feeder Assembly 2017

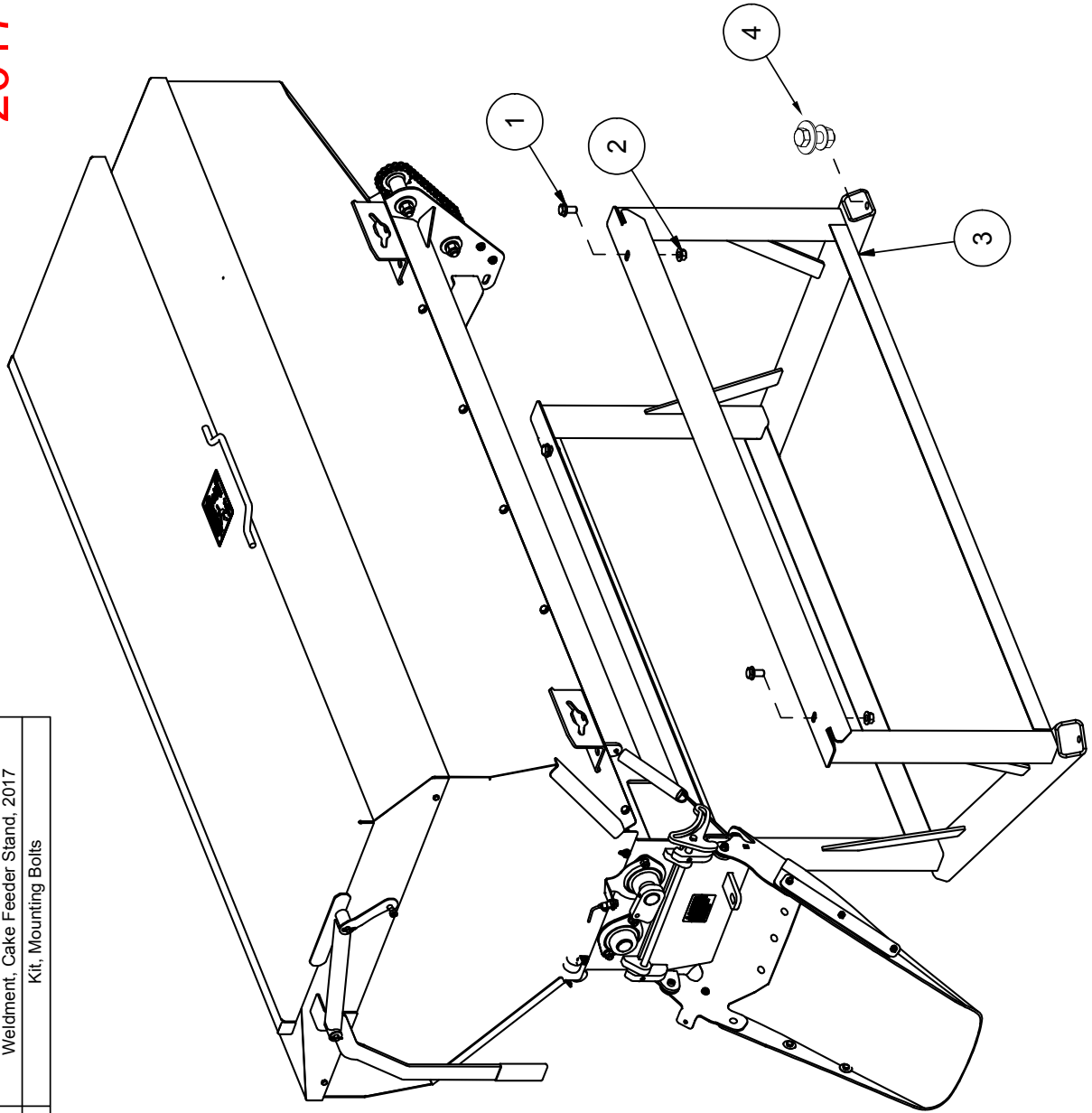
| Parts List |     |        |                                          |
|------------|-----|--------|------------------------------------------|
| ITEM       | QTY | PART # | DESCRIPTION                              |
| 1          | 6   | 102074 | Clamp, Adel .75w x 1.25id x .406 Hole    |
| 2          | 5   | 110020 | Bolt, 5/16-18 X 0.75 in Carriage         |
| 3          | 14  | 110444 | BOLT, 5/16-18 X 0.75, WIZ FLANGE         |
| 4          | 6   | 110603 | NUT, 5/16-18 LOCK (NYLON)                |
| 5          | 14  | 110606 | NUT, 5/16-18 WIZ FLANGE                  |
| 6          | 1   | 110871 | Bolt, 5/16-18 X 1 in Carriage            |
| 7          | 6   | 111155 | Washer, 5/16 Flat, Large Dia. 1-1/4 Zinc |
| 8          | 7   | 710586 | SCREW, 1/4 X 1 TEK SELF-TAP              |



8/17/2017

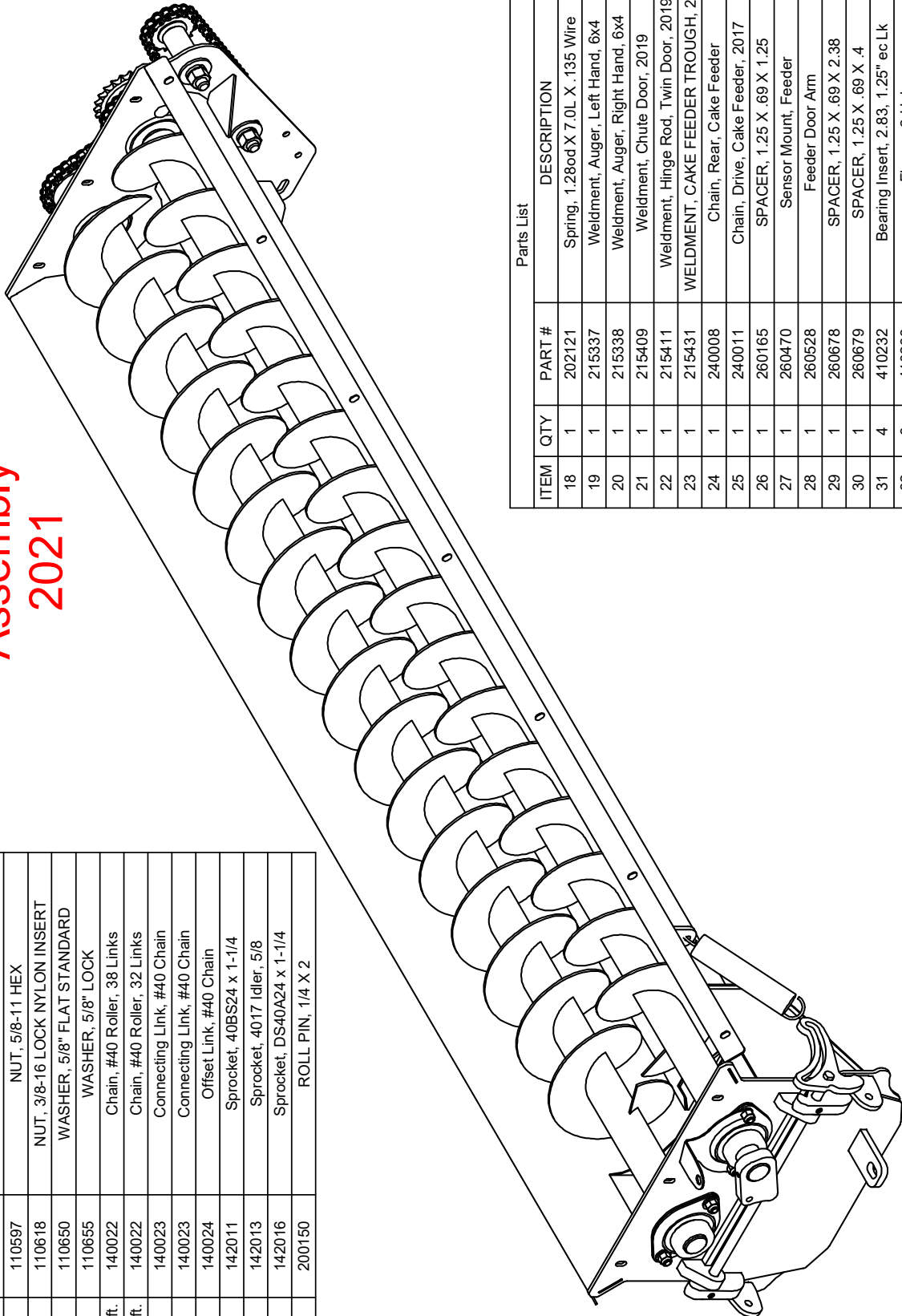
# Cake Feeder Stand 2017

| Parts List |     |                                          |
|------------|-----|------------------------------------------|
| ITEM       | QTY | PART # DESCRIPTION                       |
| 1          | 4   | 110220 BOLT, 1/2-13 X 1, WIZ FLANGE      |
| 2          | 4   | 110588 NUT, 1/2-13 WIZ FLANGE            |
| 3          | 1   | 215376 Weldment, Cake Feeder Stand, 2017 |
| 4          | 4   | 205136 Kit, Mounting Bolts               |



2/3/2025

# Auger & Trough Assembly 2021

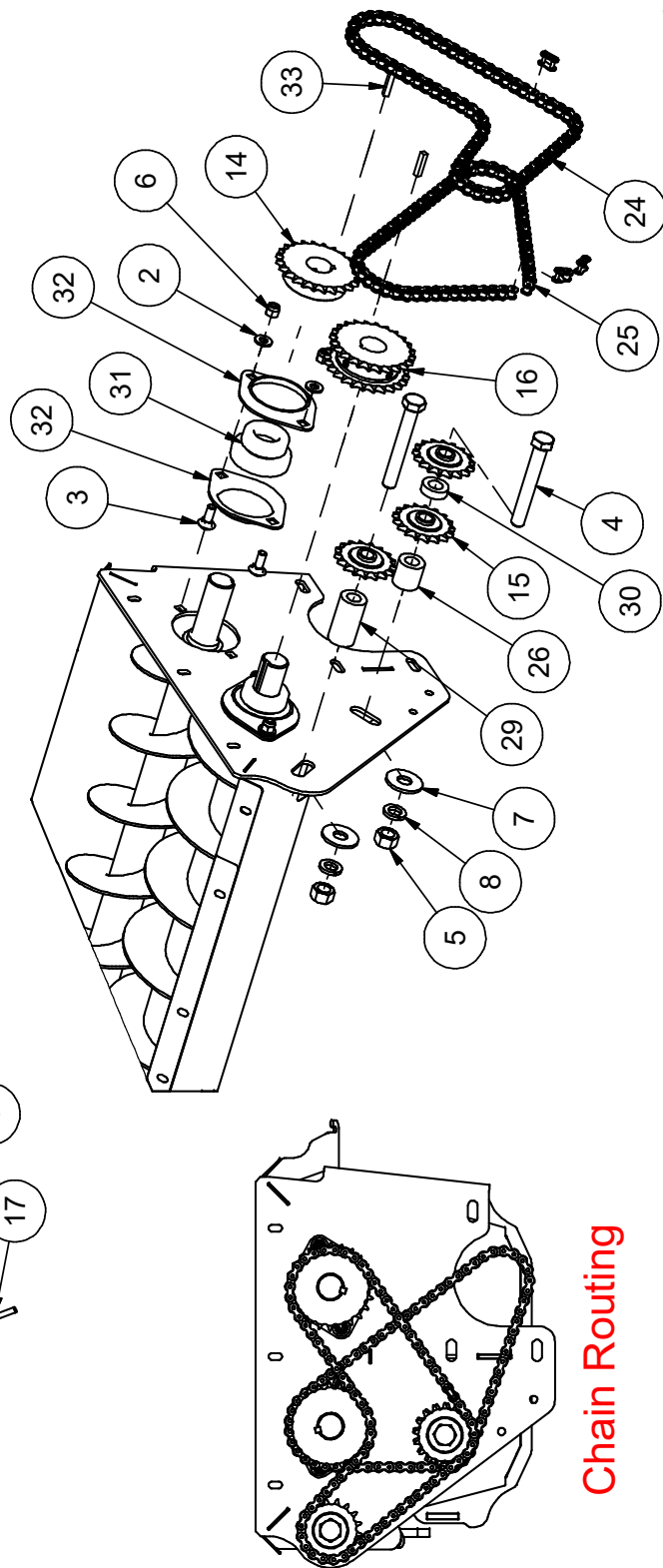
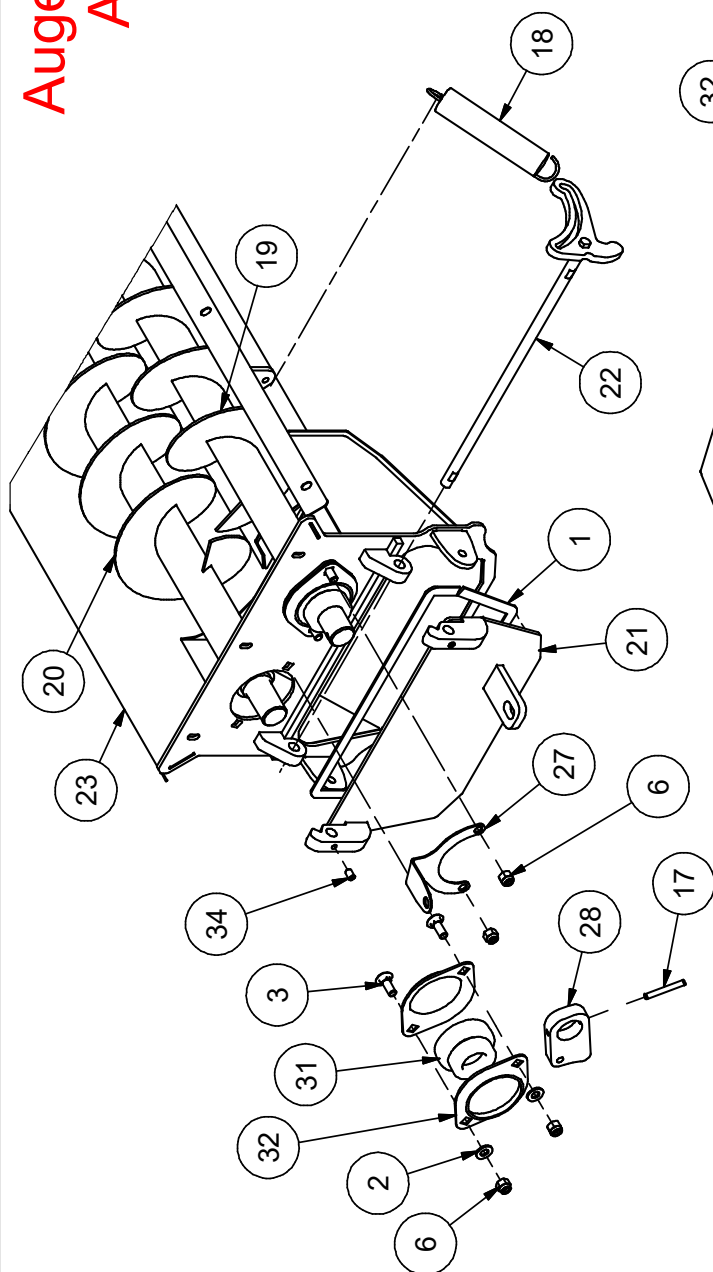


| Parts List |         |                                      |
|------------|---------|--------------------------------------|
| ITEM       | QTY     | PART # DESCRIPTION                   |
| 1          | 3 ft    | 100613 Lid Seal, .50 x .187 x 36     |
| 2          | 6       | 110155 WASHER, 3/8" FLAT SAE         |
| 3          | 8       | 110556 Bolt, 3/8-16 X 1 in Carriage  |
| 4          | 2       | 110562 BOLT, 5/8-11 X 4.5            |
| 5          | 2       | 110597 NUT, 5/8-11 HEX               |
| 6          | 8       | 110618 NUT, 3/8-16 LOCK NYLON INSERT |
| 7          | 2       | 110650 WASHER, 5/8" FLAT STANDARD    |
| 8          | 2       | 110655 WASHER, 5/8" LOCK             |
| 9          | 3.2 ft. | 140022 Chain, #40 Roller, 38 Links   |
| 10         | 2.7 ft. | 140022 Chain, #40 Roller, 32 Links   |
| 11         | 1       | 140023 Connecting Link, #40 Chain    |
| 12         | 1       | 140023 Connecting Link, #40 Chain    |
| 13         | 1       | 140024 Offset Link, #40 Chain        |
| 14         | 1       | 142011 Sprocket, 40BS24 x 1-1/4      |
| 15         | 3       | 142013 Sprocket, 4017 Idler, 5/8     |
| 16         | 1       | 142016 Sprocket, DS40A24 x 1-1/4     |
| 17         | 1       | 200150 ROLL PIN, 1/4 X 2             |

| Parts List |     |                                             |
|------------|-----|---------------------------------------------|
| ITEM       | QTY | PART # DESCRIPTION                          |
| 18         | 1   | 202121 Spring, 1.280d X 7.0L X .135 Wire    |
| 19         | 1   | 215337 Weldment, Auger, Left Hand, 6x4      |
| 20         | 1   | 215338 Weldment, Auger, Right Hand, 6x4     |
| 21         | 1   | 215409 Weldment, Chute Door, 2019           |
| 22         | 1   | 215411 Weldment, Hinge Rod, Twin Door, 2019 |
| 23         | 1   | 215431 WELDMENT, CAKE FEEDER TROUGH, 2021   |
| 24         | 1   | 240008 Chain, Rear, Cake Feeder             |
| 25         | 1   | 240011 Chain, Drive, Cake Feeder, 2017      |
| 26         | 1   | 260165 SPACER, 1.25 X .69 X 1.25            |
| 27         | 1   | 260470 Sensor Mount, Feeder                 |
| 28         | 1   | 260528 Feeder Door Arm                      |
| 29         | 1   | 260678 SPACER, 1.25 X .69 X 2.38            |
| 30         | 1   | 260679 SPACER, 1.25 X .69 X .4              |
| 31         | 4   | 410232 Bearing Insert, 2.83, 1.25" ec Lk    |
| 32         | 8   | 410233 Flange, 2 Hole                       |
| 33         | 2   | 510089 Key, 1/4 X 1/4 X 1.25, Under         |
| 34         | 2   | 510254 SetScrew, 5/16-18 X 0.5              |

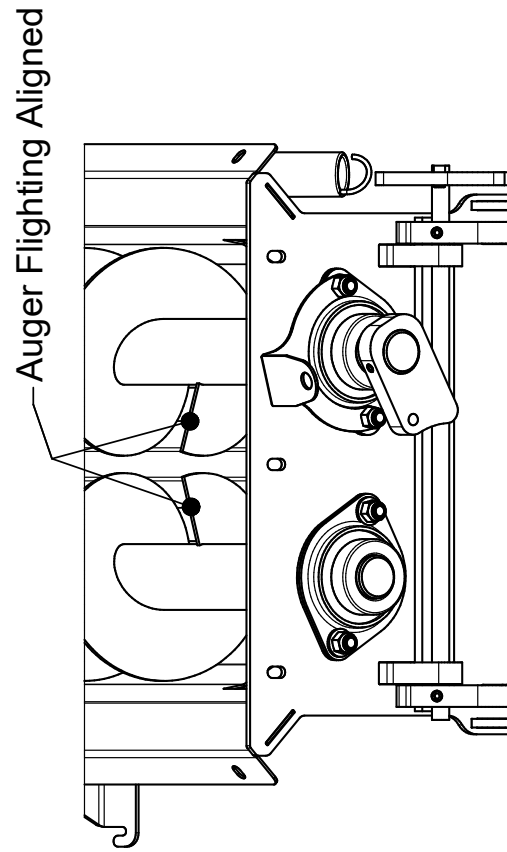
11/18/2021

# Auger & Trough Assembly 2021



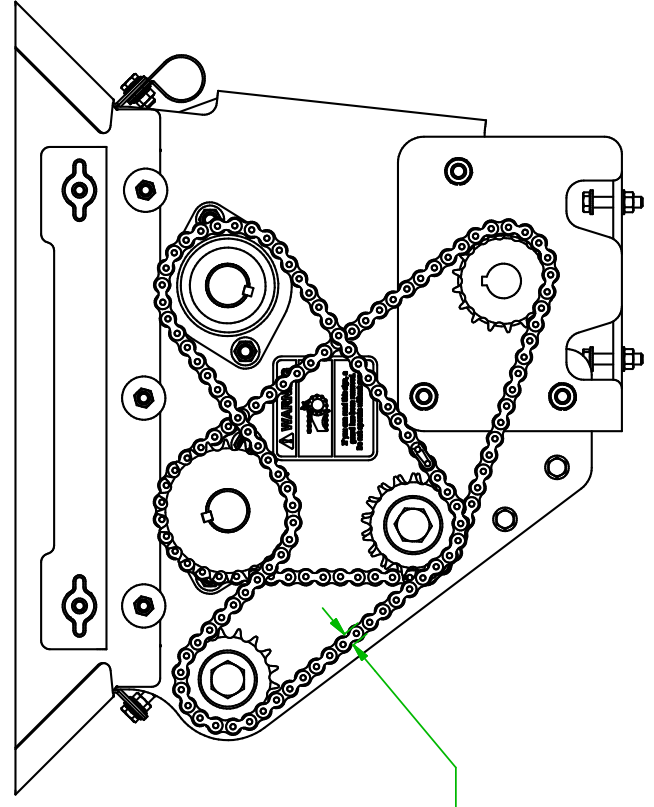
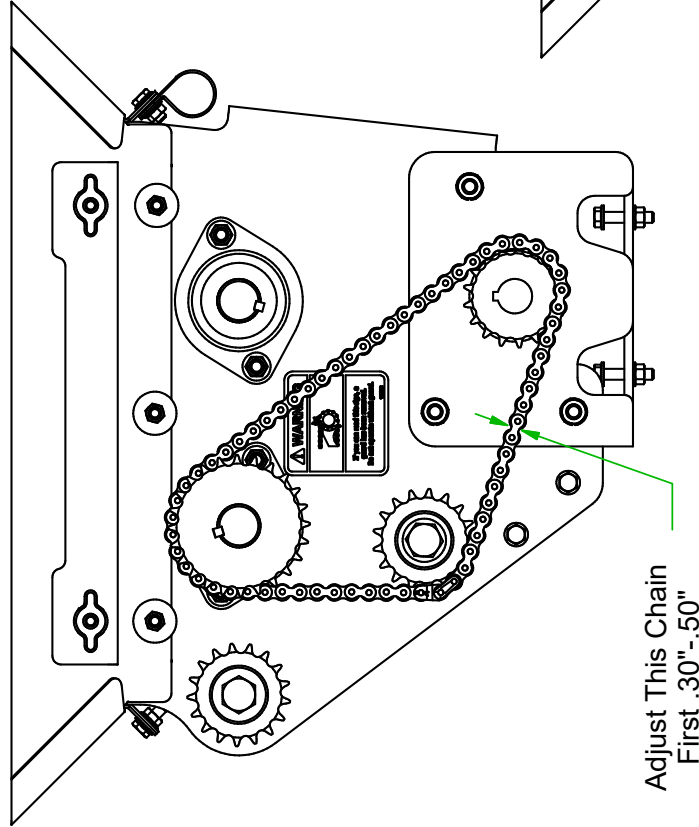
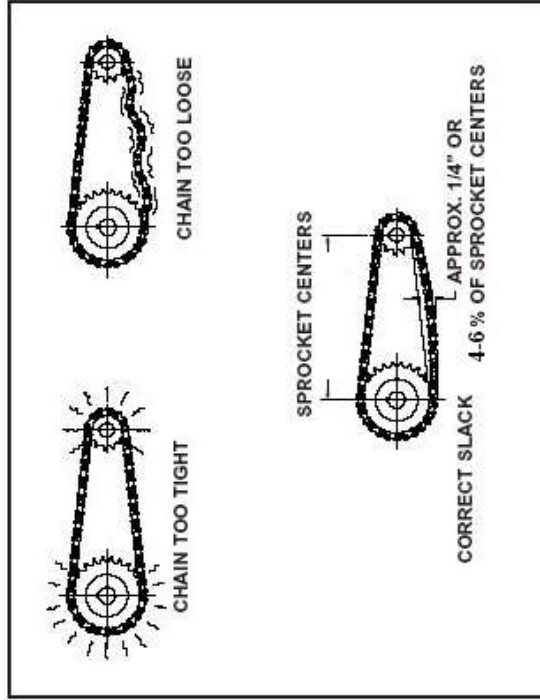
11/18/2021

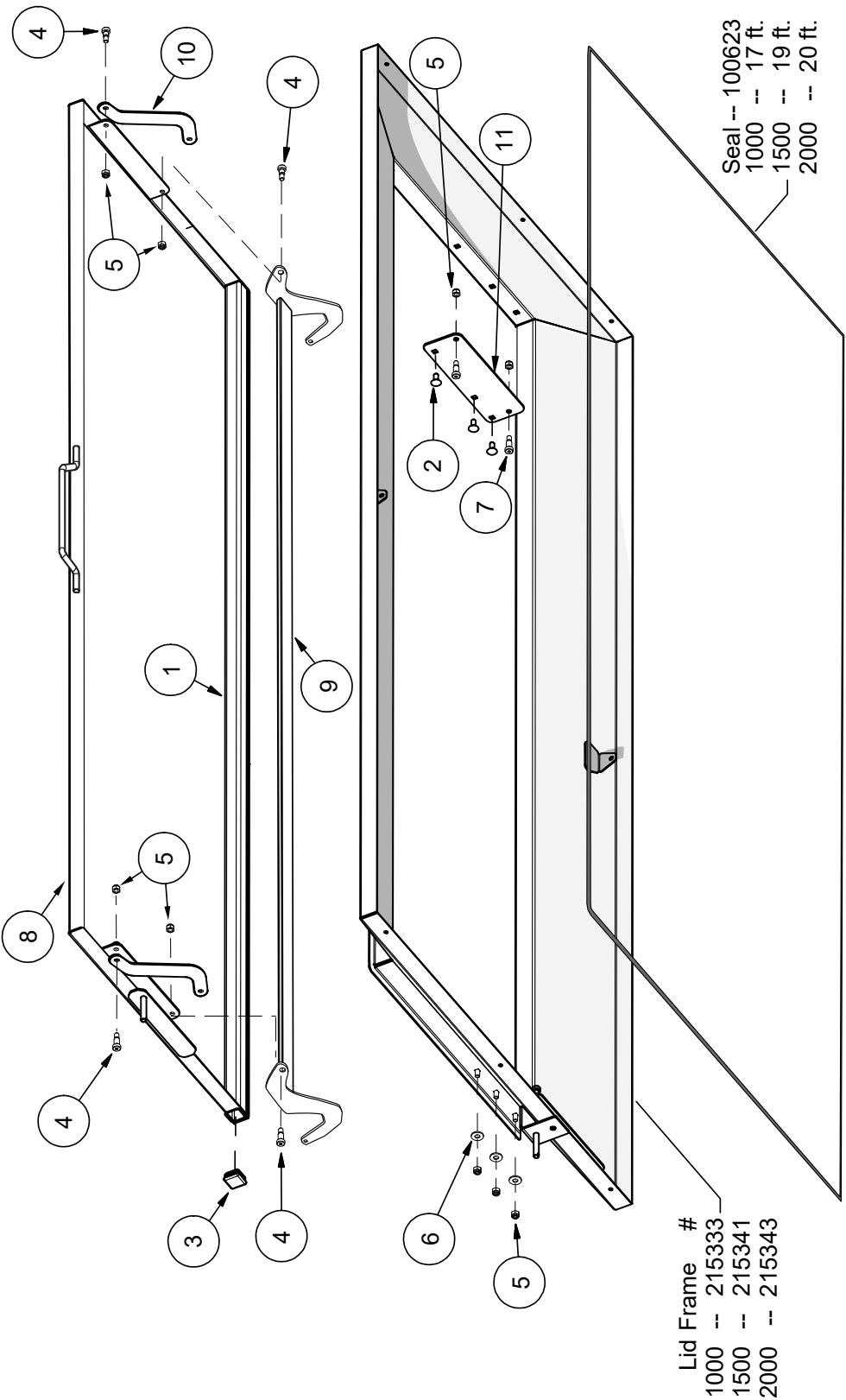
## Auger Orientation Beefcake Feeder



4/22/2021

# Drive Chains Adjustment & Tension





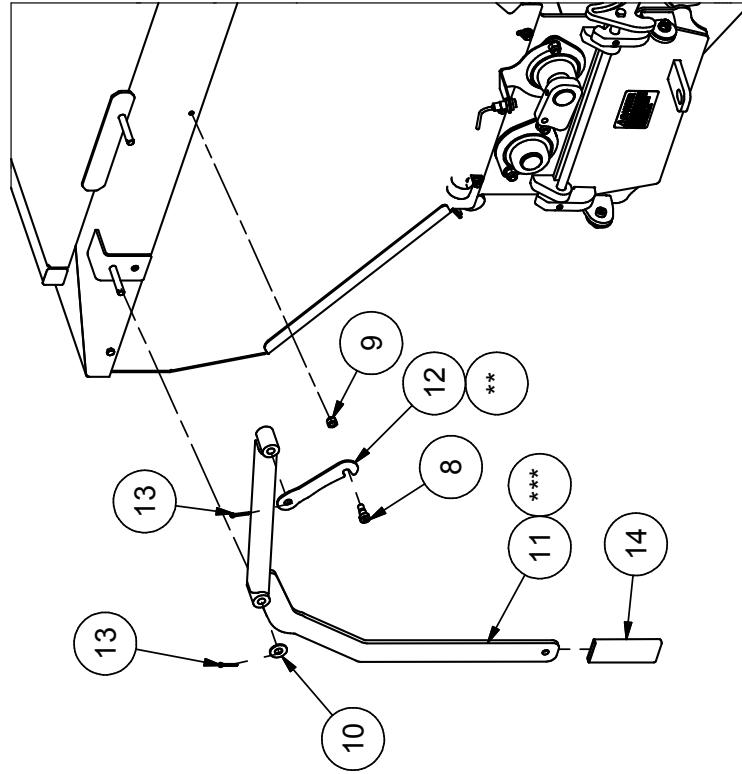
**Lid & Frame  
Assembly**

View looking up from underneath

NOTE: #4 & #7 Shoulder Bolts are Different Lengths

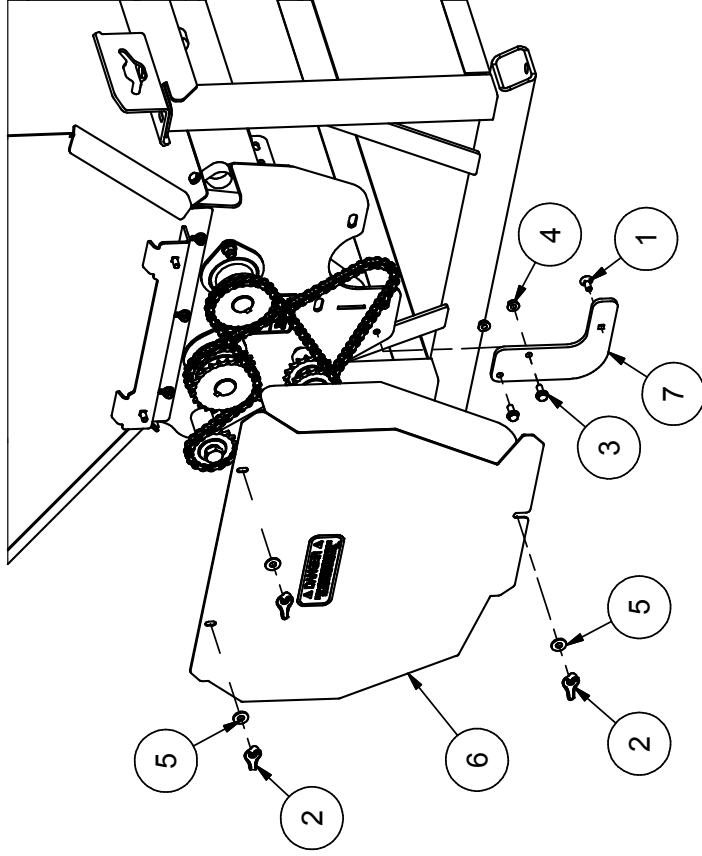
| Parts List |       |        |                                  |
|------------|-------|--------|----------------------------------|
| ITEM       | QTY   | PART # | DESCRIPTION                      |
| 1          | 16 ft | 100613 | Lid Seal, .50 x .187 x 192       |
| 2          | 6     | 110020 | Bolt, 5/16-18 X 0.75 in Carriage |
| 3          | 2     | 110313 | 1-1/4 SQ PLUG                    |
| 4          | 4     | 110439 | BOLT, 3/8 X 3/8 SHOULDER SHCS    |
| 5          | 14    | 110603 | NUT, 5/16-18 LOCK (NYLON)        |
| 6          | 6     | 110665 | WASHER, 5/16" FLAT STANDARD      |
| 7          | 4     | 111070 | BOLT, 3/8 X .625 SHOULDER SHCS   |
| 8          | 1     | 215334 | Weldment, Feeder Lid             |
| 9          | 1     | 215335 | Weldment, Lid Hinge              |
| 10         | 2     | 260459 | Lid Hinge, Short                 |
| 11         | 2     | 260460 | Lid Hinge, Side Mount            |

## Lift Handle & Latch



| Parts List |     |        | DESCRIPTION                                   |
|------------|-----|--------|-----------------------------------------------|
| ITEM       | QTY | PART # | DESCRIPTION                                   |
| 8          | 1   | 110439 | BOLT, 3/8 X 3/8 SHOULDER SHCS                 |
| 9          | 1   | 110603 | NUT, 5/16-18 LOCK (NYLON)                     |
| 10         | 1   | 110676 | WASHER, 3/8" FLAT STANDARD                    |
| 11         | 1   | 215318 | Weldment, Lid Lift Bar, External, 1000 & 1500 |
| ***        | 1   | 215346 | Weldment, Lid Lift Bar, External, 2000        |
| 12         | 1   | 260549 | Lid Latch, 1500 & 2000                        |
| **         | 1   | 260529 | Lid Latch, 1000                               |
| 13         | 2   | 510249 | COTTER PIN, 1/8 X 0.75                        |
| 14         | 1   | 910044 | COVER, VINYL .25 X 1.5 X 4 GRIP               |

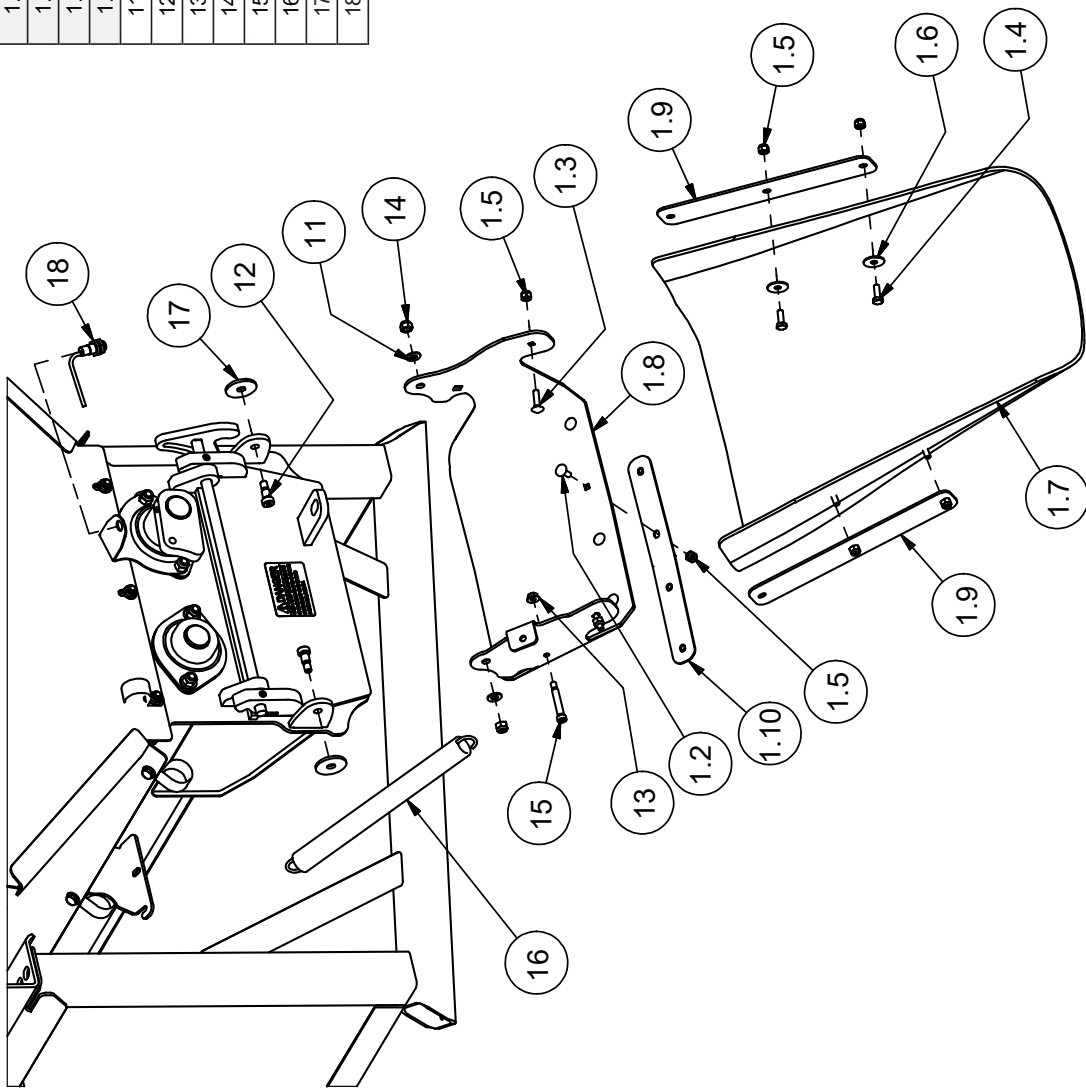
## Drive Shield 2017



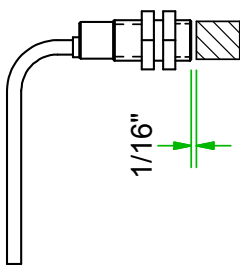
| Parts List |     |        | DESCRIPTION                      |
|------------|-----|--------|----------------------------------|
| ITEM       | QTY | PART # | DESCRIPTION                      |
| 1          | 1   | 110020 | Bolt, 5/16-18 X 0.75 in Carriage |
| 2          | 3   | 110327 | NUT, 5/16-18 WING                |
| 3          | 2   | 110444 | BOLT, 5/16-18 X 0.75, WIZ FLANGE |
| 4          | 2   | 110606 | NUT, 5/16-18 WIZ FLANGE          |
| 5          | 3   | 110665 | WASHER, 5/16" FLAT STANDARD      |
| 6          | 1   | 215379 | Weldment, Shield, Feeder, 2017   |
| 7          | 1   | 260670 | Shield Support                   |

2/20/2017

Chute Extension  
Assembly  
2017



Proximity  
Sensor  
Part #235027

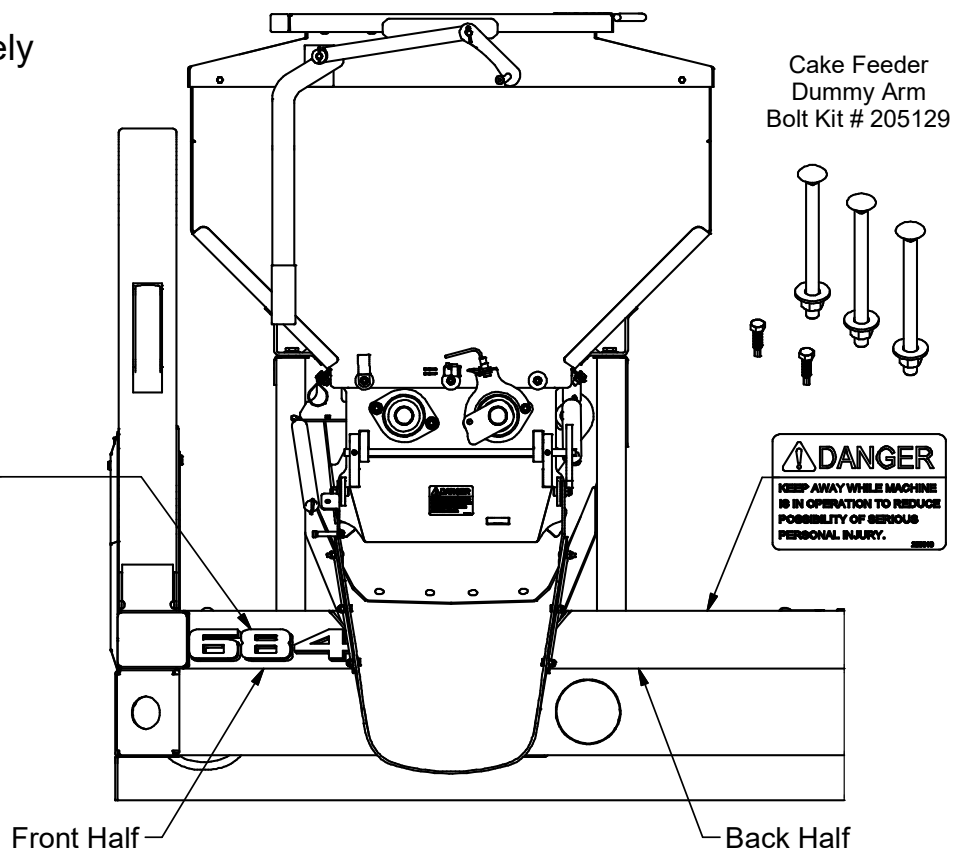


| ITEM | QTY | PART # | DESCRIPTION                      |
|------|-----|--------|----------------------------------|
| 1    | 1   | 275006 | Kit, Chute Extension             |
| 1.2  | 4   | 110154 | Bolt, 1/4-20 X 0.75 In Carriage  |
| 1.3  | 2   | 110326 | Bolt, 1/4-20 X 1 In Carriage     |
| 1.4  | 4   | 110561 | Bolt, 1/4-20 X .75               |
| 1.5  | 10  | 110630 | Nut, 1/4-20 Lock (Nylon Insert)  |
| 1.6  | 4   | 111033 | Washer, 1/4" X 1" Od, Plain      |
| 1.7  | 1   | 260473 | Rubber Chute                     |
| 1.8  | 1   | 260534 | Chute Extension                  |
| 1.9  | 2   | 260536 | Chute Extension, Side Support    |
| 1.10 | 1   | 260537 | Chute Extension, Doubler Plate   |
| 11   | 2   | 110069 | Washer, 5/16" Flat Sae           |
| 12   | 2   | 110289 | Bolt, 3/8 X 1/2 Shoulder Shcs    |
| 13   | 1   | 110290 | Nut, 1/4-20 Wz Flange            |
| 14   | 2   | 110603 | Nut, 5/16-18 Lock (Nylon)        |
| 15   | 1   | 110767 | Bolt, 5/16 X 1.5 Shoulder Shcs   |
| 16   | 1   | 202088 | Spring, 1.06od X 12l X .135 Wire |
| 17   | 2   | 211747 | Friction Washer 1.5"             |
| 18   | 1   | 235027 | Sensor, Proximity, With Plug     |

| Flatbed<br>Model # | Standard<br>Dummy Arm | Cake Feeder Dummy Arms |           |            |           |            |           |
|--------------------|-----------------------|------------------------|-----------|------------|-----------|------------|-----------|
|                    |                       | 1000                   |           | 1500       |           | 2000       |           |
|                    |                       | Front Half             | Back Half | Front Half | Back Half | Front Half | Back Half |
| <b>675</b>         | 215150                | 215353                 | 215354    | NA         | NA        | NA         | NA        |
| <b>676</b>         | 215249                | 215353                 | 215356    | 215355     | 215354    | NA         | NA        |
| <b>677</b>         | 215191                | 215353                 | 215357    | 215355     | 215356    | NA         | NA        |
| <b>679</b>         | 215208                | 215353                 | 215358    | 215355     | 215357    | 215355     | 215356    |
| <b>682</b>         | 215145                | 215359                 | 215357    | 215360     | 215356    | NA         | NA        |
| <b>684</b>         | 215193                | 215359                 | 215358    | 215360     | 215357    | 215360     | 215356    |
| <b>687</b>         | 215198                | NA                     | NA        | 215360     | 215361    | 215360     | 215361    |
| <b>688</b>         | 215200                | NA                     | NA        | 215360     | 215362    | 215360     | 215362    |
| <b>778</b>         | 215160                | 215363                 | 215364    | NA         | NA        | NA         | NA        |
| <b>776</b>         | 215257                | 215363                 | 215365    | 215367     | 215366    | NA         | NA        |
| <b>782</b>         | 215158                | 215363                 | 215368    | 215367     | 215369    | NA         | NA        |
| <b>784</b>         | 215202                | 215363                 | 215370    | 215367     | 215371    | 215367     | 215372    |
| <b>787</b>         | 215204                | NA                     | NA        | 215367     | 215373    | 215367     | 215373    |
| <b>788</b>         | 215206                | NA                     | NA        | 215367     | 215374    | 215367     | 215374    |

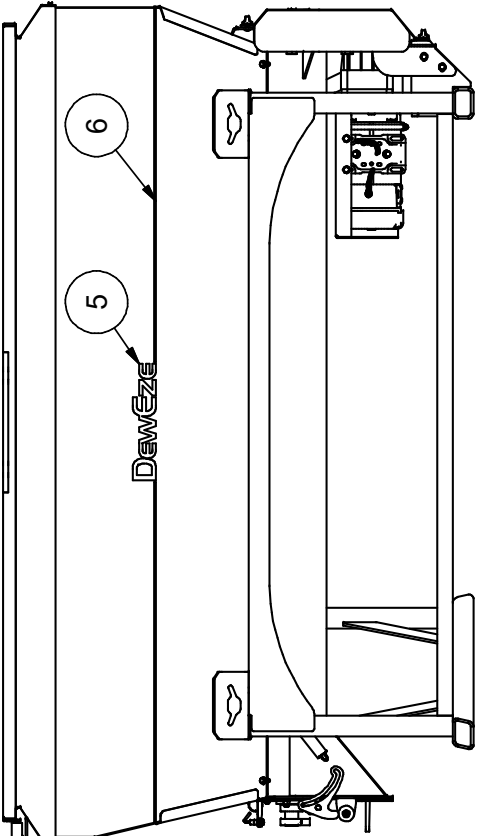
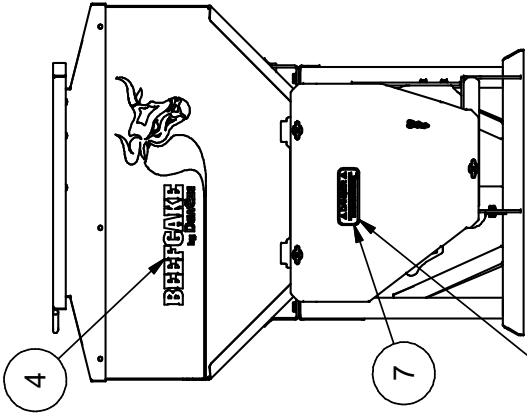
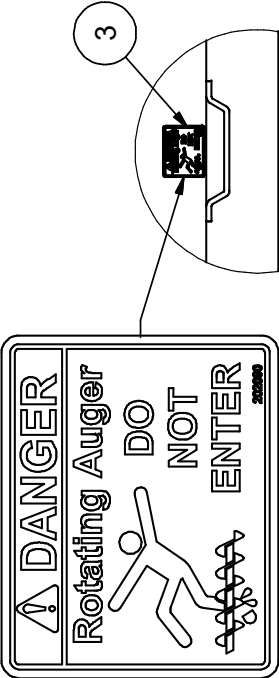
Decals Must Be  
Purchased Separately

| Decals  |        |
|---------|--------|
| Model # | Part # |
| 675     | 202095 |
| 676     | 202096 |
| 677     | 202097 |
| 679     | 202098 |
| 682     | 202099 |
| 684     | 202100 |
| 687     | 202101 |
| 688     | 202102 |
| 778     | 202105 |
| 776     | 202104 |
| 782     | 202106 |
| 784     | 202107 |
| 787     | 202108 |
| 788     | 202109 |

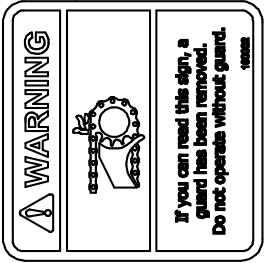
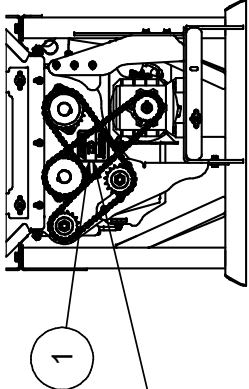


6/6/2018

Decal Page  
DewEze BEEFCAKE

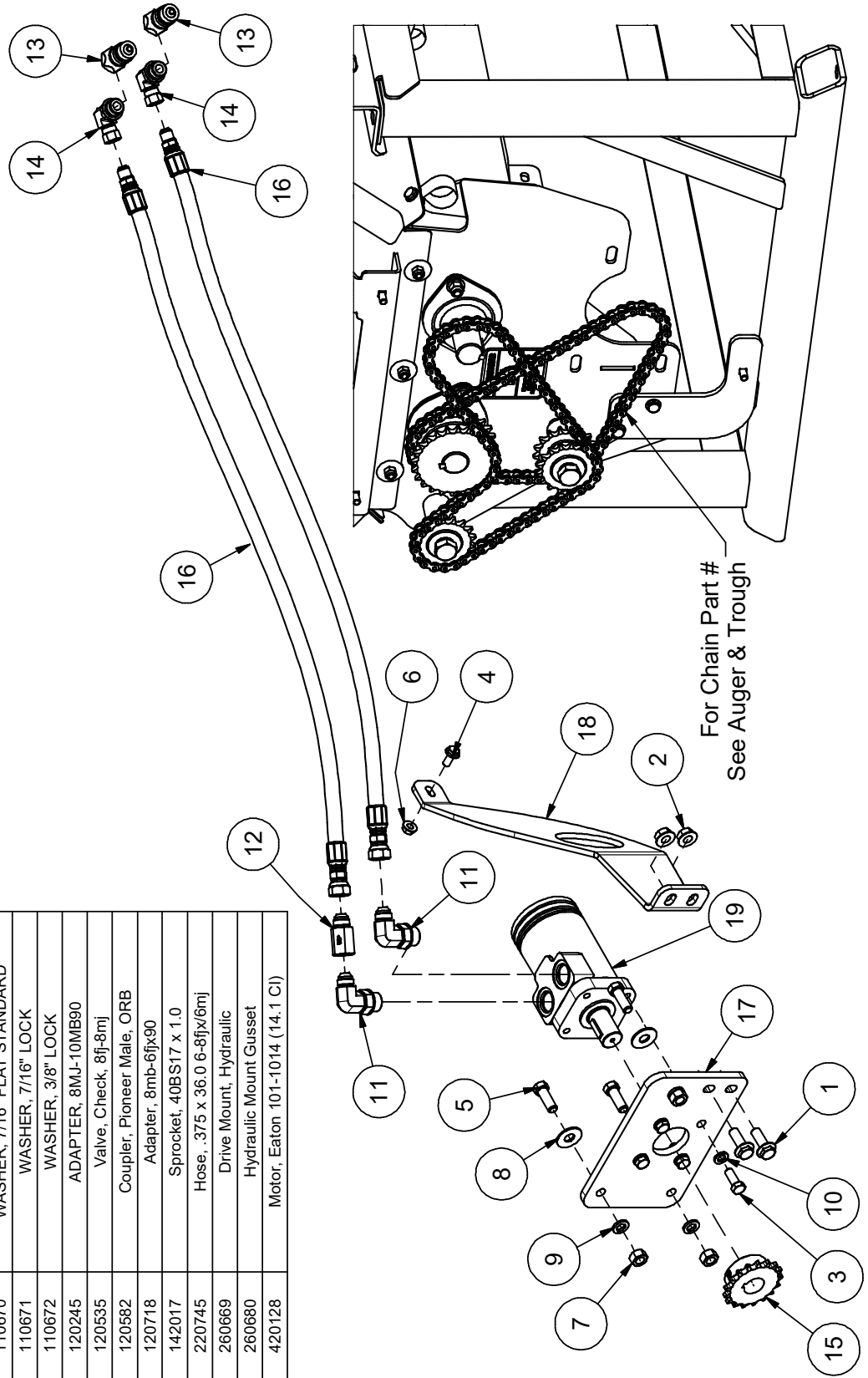


| Parts List |        |        |                                     |
|------------|--------|--------|-------------------------------------|
| ITEM       | QTY    | PART # | DESCRIPTION                         |
| 1          | 1      | 160002 | Decal, Guard Removed, Graphic       |
| 2          | 1      | 200010 | DANGER DECAL                        |
| 3          | 1      | 202090 | Decal, Danger, Rotating Auger       |
| 4          | 1      | 202091 | Decal, Beefcake & Bull 21.87 X 8.75 |
| 5          | 1      | 202092 | Decal, DewEze, 11.5 X 1.8           |
| 6          | 11.25' | 202093 | Decal, Pin stripe                   |
| 7          | 1      | 500038 | Decal, Danger Keep Covers In Place  |



| Kit, Hyd Drive (14.1) #205127 |     |                                         |
|-------------------------------|-----|-----------------------------------------|
| ITEM                          | QTY | PART # DESCRIPTION                      |
| 1                             | 2   | 110254 BOLT, 7/16-14 X 1.25, WIZ FLANGE |
| 2                             | 2   | 110337 NUT, 7/16-14 WIZ FLANGE          |
| 3                             | 4   | 110420 BOLT, 3/8-16 X 1.0               |
| 4                             | 1   | 110444 BOLT, 5/16-18 X 0.75, WIZ FLANGE |
| 5                             | 3   | 110539 BOLT, 7/16-14 X 1.25             |
| 6                             | 1   | 110606 NUT, 5/16-18 WIZ FLANGE          |
| 7                             | 3   | 110641 NUT, 7/16-14                     |
| 8                             | 3   | 110670 WASHER, 7/16" FLAT STANDARD      |
| 9                             | 3   | 110671 WASHER, 7/16" LOCK               |
| 10                            | 4   | 110672 WASHER, 3/8" LOCK                |
| 11                            | 2   | 120245 ADAPTER, 8MJ-10MB90              |
| 12                            | 1   | 120535 Valve, Check, 8fj-8mj            |
| 13                            | 2   | 120582 Coupler, Pioneer Male, ORB       |
| 14                            | 2   | 120718 Adapter, 8mb-6fjx90              |
| 15                            | 1   | 142017 Sprocket, 40BS17 x 1.0           |
| 16                            | 2   | 220745 Hose, .375 x 36.0 6-8fj/6mj      |
| 17                            | 1   | 260669 Drive Mount, Hydraulic           |
| 18                            | 1   | 260680 Hydraulic Mount Gusset           |
| 19                            | 1   | 420128 Motor, Eaton 101-1014 (14.1 Cl)  |

## Hydraulic Drive 2021



Kit, Electric Drive #205374

| ITEM | QTY | PART # | DESCRIPTION                          |
|------|-----|--------|--------------------------------------|
| 1    | 8   | 110069 | WASHER, 5/16" FLAT SAE               |
| 2    | 4   | 110155 | WASHER, 3/8" FLAT SAE                |
| 3    | 2   | 110319 | NUT, 5/16-18 U-TYPE .75L             |
| 4    | 4   | 110377 | BOLT, 5/16-18 X 1-1/2                |
| 5    | 4   | 110420 | BOLT, 3/8-16 X 1.0                   |
| 6    | 4   | 110444 | BOLT, 5/16-18 X 0.75, WIZ FLANGE     |
| 7    | 3   | 110539 | BOLT, 7/16-14 X 1.25                 |
| 8    | 2   | 110600 | NUT, 5/16-18, UNITORQUE LOCK         |
| 9    | 4   | 110608 | NUT, 5/16-18                         |
| 10   | 3   | 110641 | NUT, 7/16-14                         |
| 11   | 2   | 110665 | WASHER, 5/16" FLAT STANDARD          |
| 12   | 3   | 110670 | WASHER, 7/16" FLAT STANDARD          |
| 13   | 3   | 110671 | WASHER, 7/16" LOCK                   |
| 14   | 4   | 110672 | WASHER, 3/8" LOCK                    |
| 15   | 1   | 130068 | Terminal Protector, Red, 1-2ga       |
| 16   | 1   | 132163 | Flyback Diode Assembly, Cake Feeder  |
| 17   | 1   | 142017 | Sprocket, 40BS17 x 1.0               |
| 18   | 1   | 215429 | BRACKET, GEAR REDUCER                |
| 19   | 1   | 230169 | Battery Cable QC, 2ga Twin Lead, 30" |
| 20   | 1   | 232103 | Solenoid, 4 Post, 12VDC Contactor    |
| 21   | 1   | 232110 | Motor, 12V DC, 3/4 HP                |
| 22   | 1   | 242013 | GEAR REDUCER, INLINE, 30.55:1        |
| 23   | 1   | 260674 | Motor Shield, Electric, 2017         |
| 24   | 1   | 532084 | Cable, 4 ga. 9", Red                 |
| 25   | 1   | 940028 | CLAMP, HOSE #88 6.00"                |

Negative Cable  
From Truck Battery

Ground Wire  
Control Harness

Fuse 200 Amp  
BUSS MRBF-200

Positive Cable  
From  
Truck Battery

Switch Wire  
Control Harness

Flyback  
Diode

## SOLENOID

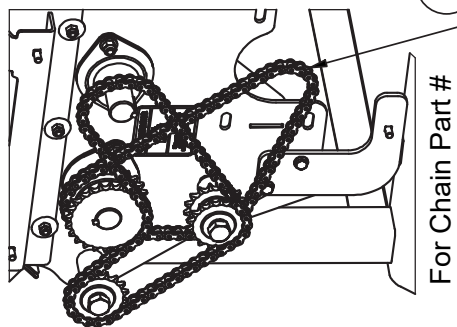
Ground Wire

Positive Cable  
From Solenoid to Motor

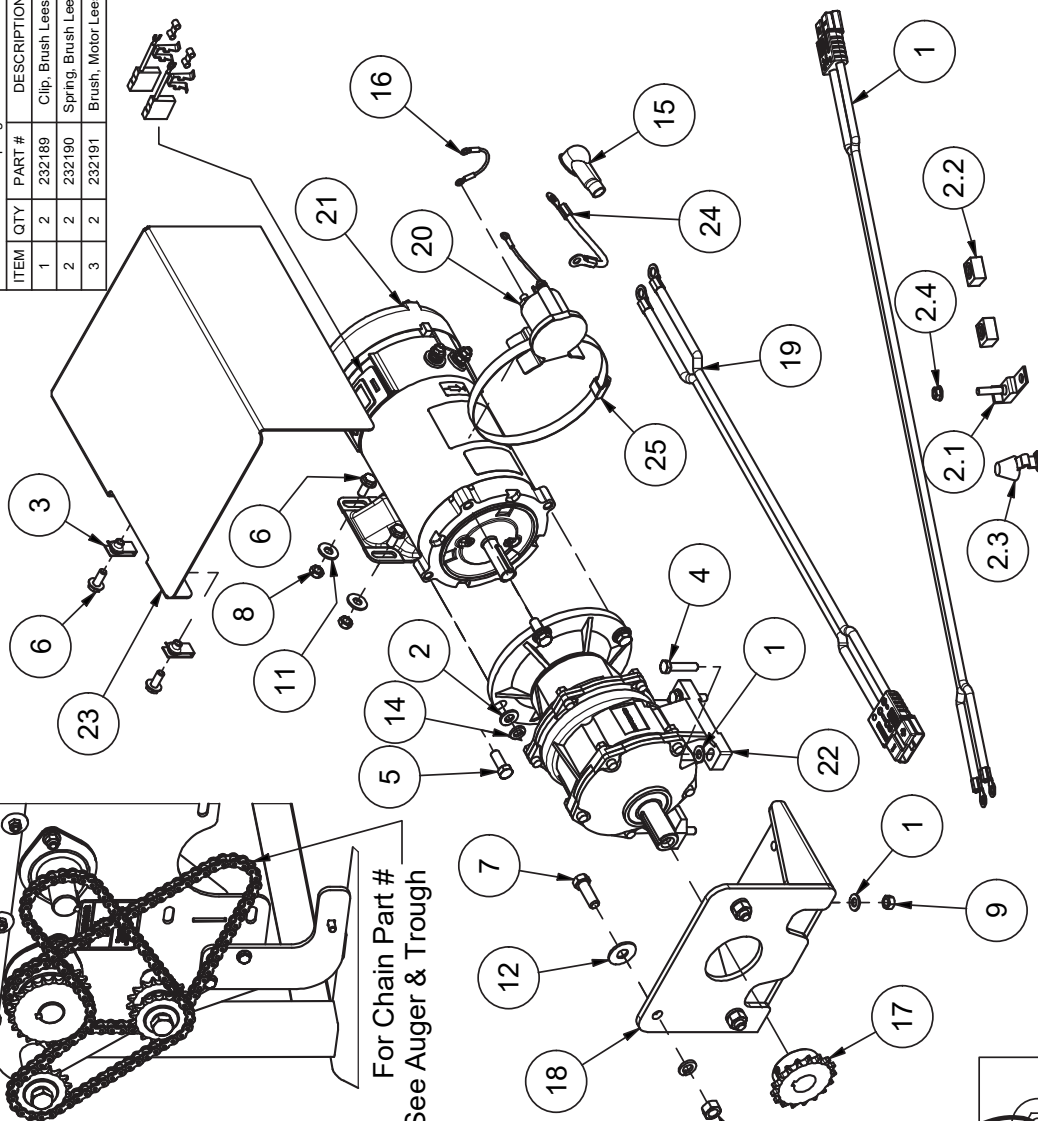
## From Colloidal to Macro

# Electric Drive 2021

| Brushes Springs & Retainers |     |        |                      |
|-----------------------------|-----|--------|----------------------|
| ITEM                        | QTY | PART # | DESCRIPTION          |
| 1                           | 2   | 232189 | Clip, Brush Leeson   |
| 2                           | 2   | 232190 | Spring, Brush Leeson |
| 3                           | 2   | 232191 | Brush, Motor Leeson  |



For Chain Part #  
See Auger & Trough



| Parts List |     |        |                                       |  |
|------------|-----|--------|---------------------------------------|--|
| ITEM       | QTY | PART # | DESCRIPTION                           |  |
| 1          | 1   | 230168 | Battery Cable QC, 2ga Twin Lead, 216" |  |
| 2          | 1   | 205137 | Kit, BeefCake Fuse and Holder         |  |
| 2.1        | 1   | 132093 | FUSE HOLDER, BUSS CFBA1-M8XSP         |  |
| 2.2        | 2   | 132094 | FUSE 200 AMP, BUSS MRBF-200           |  |
| 2.3        | 1   | 132092 | FUSE COVER, BUSS CFCOVER-1R           |  |
| 2.4        | 1   | 11014  | NUT M8 X 1.25 W/EL ANGE               |  |

9/27/2022

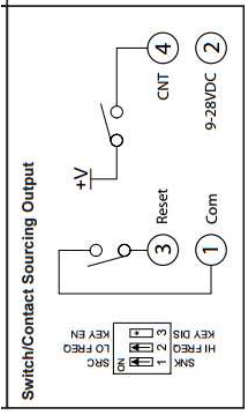
## Electric Drive 2017

| ITEM | QTY | PART # | DESCRIPTION                          |
|------|-----|--------|--------------------------------------|
| 1    | 5   | 110260 | BOLT, M8x1.25 x 25 Gr 10.9           |
| 2    | 2   | 110319 | NUT, 5/16-18 U-TYPE .75L             |
| 3    | 2   | 110420 | BOLT, 3/8-16 X 1.0                   |
| 4    | 4   | 110444 | BOLT, 5/16-18 X 0.75, WIZ FLANGE     |
| 5    | 3   | 110539 | BOLT, 7/16-14 X 1.25                 |
| 6    | 2   | 110600 | NUT, 5/16-18, UNITORQUE LOCK         |
| 7    | 3   | 110641 | NUT, 7/16-14                         |
| 8    | 2   | 110665 | WASHER, 5/16" FLAT STANDARD          |
| 9    | 3   | 110670 | WASHER, 7/16" FLAT STANDARD          |
| 10   | 3   | 110671 | WASHER, 7/16" LOCK                   |
| 11   | 2   | 110672 | WASHER, 3/8" LOCK                    |
| 12   | 5   | 110674 | WASHER, 5/16" LOCK                   |
| 13   | 1   | 130068 | Terminal Protector, Red, 1-2ga       |
| 14   | 1   | 132163 | Flyback Diode Assembly, Cake Feeder  |
| 15   | 1   | 142017 | Sprocket, 40BS17 x 1.0               |
| 16   | 1   | 230169 | Battery Cable QC, 2ga Twin Lead, 30" |
| 17   | 1   | 232103 | Solenoid, 4 Post, 12VDC Contactor    |
| 18   | 1   | 232110 | Motor, 12V DC, 3/4 HP                |
| 19   | 1   | 242006 | Gear Reducer, Inline, 29.4:1         |
| 20   | 1   | 260668 | Drive Mount, Electric                |
| 21   | 1   | 260674 | Motor Shield, Electric, 2017         |
| 22   | 1   | 532084 | Cable, 4 ga, 9", Red                 |
| 23   | 1   | 940028 | CLAMP, HOSE #88 6.00"                |

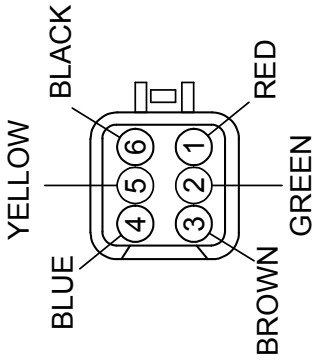
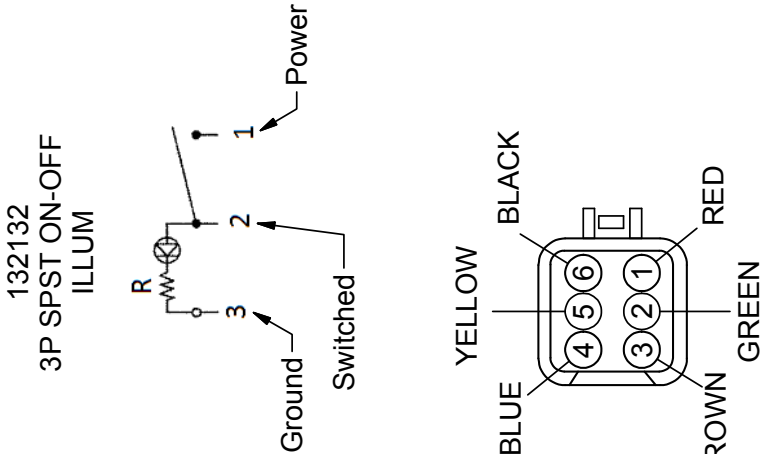
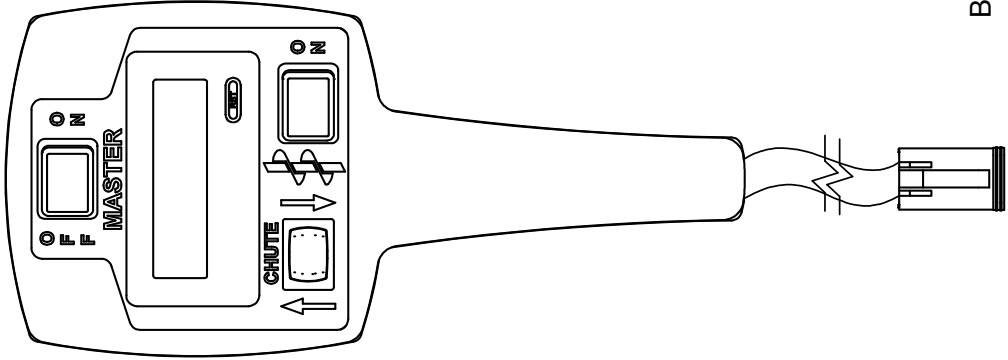
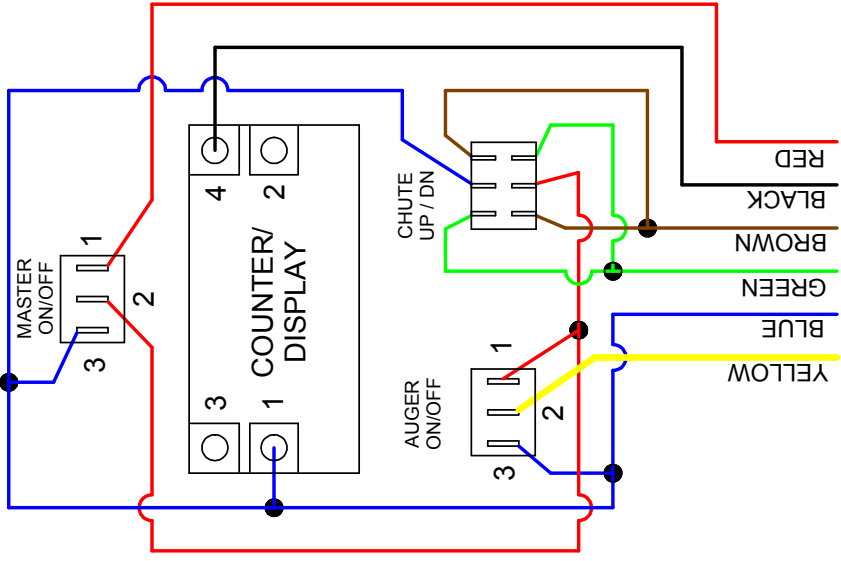
| ITEM | QTY | PART # | DESCRIPTION                           |
|------|-----|--------|---------------------------------------|
| 1    | 1   | 230168 | Battery Cable QC, 2ga Twin Lead, 216" |
| 2    | 1   | 205137 | Kit, BeefCake Fuse and Holder         |
| 2.1  | 1   | 132093 | FUSE HOLDER, BUSS CFBAR1-M8XSP        |
| 2.2  | 2   | 132094 | FUSE 200 AMP, BUSS MRBF-200           |
| 2.3  | 1   | 132092 | FUSE COVER, BUSS CFCOVER-1R           |
| 2.4  | 1   | 110141 | NUT, M8 X 1.25 WIZFLANGE              |

3/5/2019

NOTE: All 3 DIP Switches Set to ON



Hand Control  
From Backside

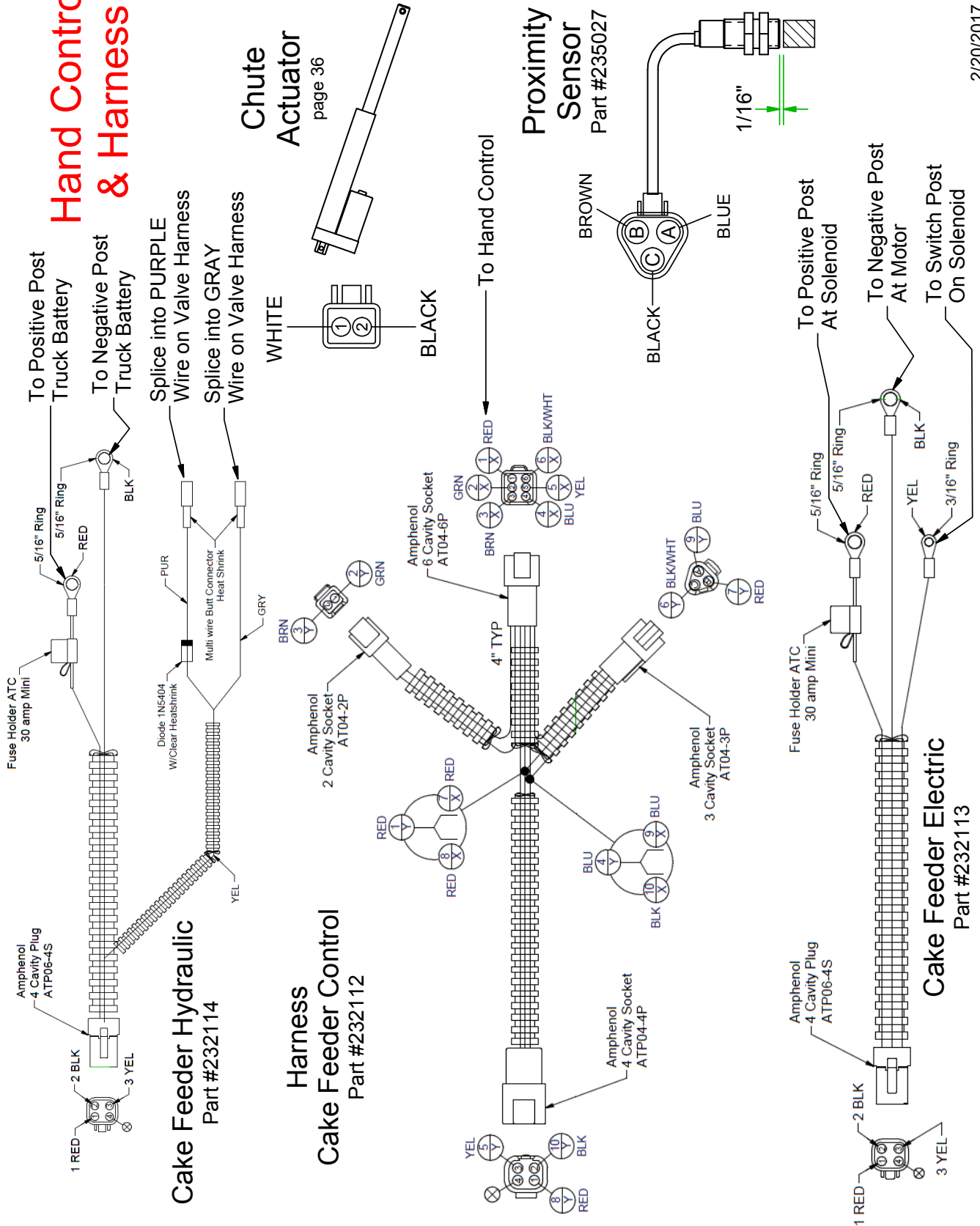


Hand Control Assy, Part #150047

| ITEM | QTY | PART # | DESCRIPTION                              |
|------|-----|--------|------------------------------------------|
| 1    | 1   | 132129 | Counter, Display                         |
| 2    | 1   | 132131 | Switch, Rocker Min. DPDT, (On)-OFF-(ON)  |
| 3    | 2   | 132132 | Switch, Rocker Min. SPST, On-OFF, Illum. |
| 4    | 1   | 150001 | TOP HOUSING, HAND CONTROL                |
| 5    | 1   | 150003 | BOTTOM HOUSING, HAND CONTROL             |
| 6    | 4   | 150013 | SCREW, #6 X 1/4 TYPE F                   |
| 7    | 2   | 150014 | SCREW, #6 X 1 SHEETMETAL                 |
| 8    | 2   | 150015 | SCREW, #6 X 1.5 SHEETMETAL               |
| 9    | 1   | 150046 | Switch Plate, Feeder, Hand Control       |
| 10   | 1   | 202089 | Decal, Cake Feeder Hand Control          |
| 11   | 1   | 230164 | Cable, Hand Control, Feeder              |

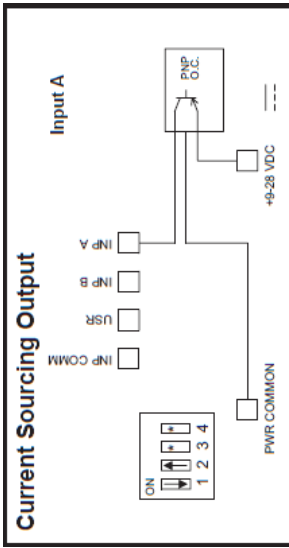
OLD COUNTER STYLE (COUNTER OBSOLETE)

# Hand Control & Harness

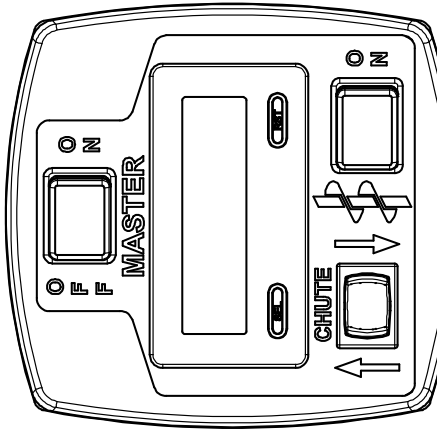
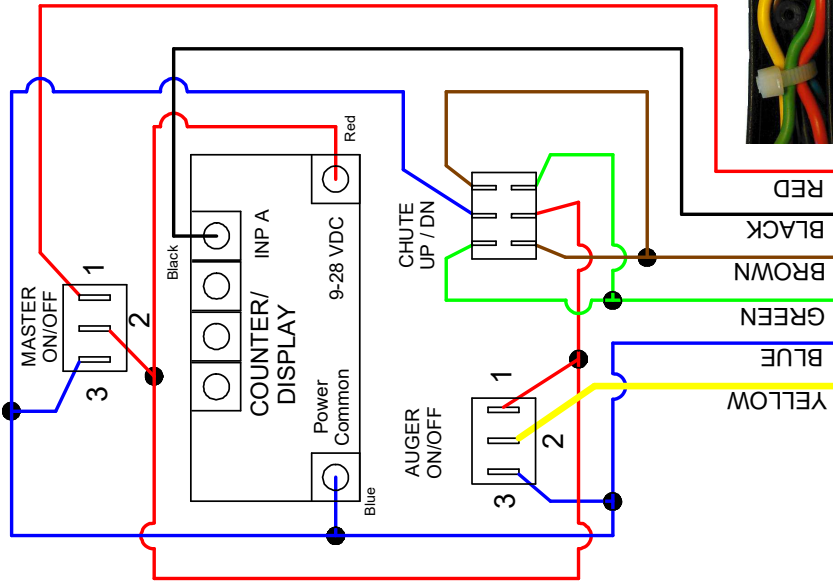


2/20/2017

NOTE: DIP Switch 1 OFF DIP Switch 2 ON



Hand Control  
From Backside



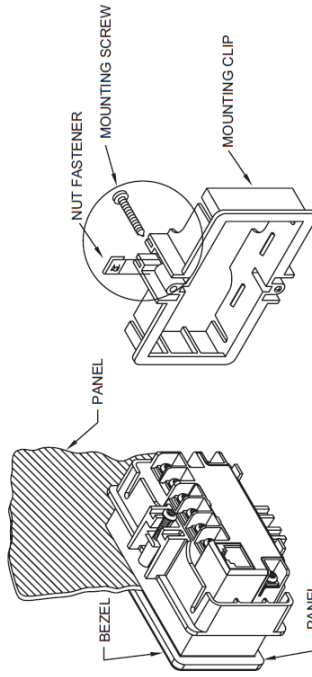
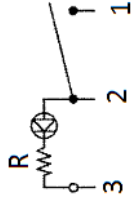
1000E S/N 20A56  
1500E S/N 20A67  
2000E S/N 20A34

Starting July 2020

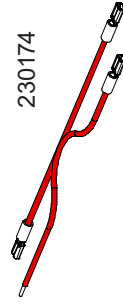
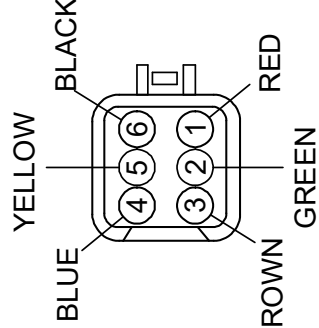
### Hand Control Assy, Part #150048

| ITEM | QTY | PART # | DESCRIPTION                              |
|------|-----|--------|------------------------------------------|
| 1    | 1   | 132131 | Switch, Rocker Min. DPDT, (On)-OFF, (On) |
| 2    | 2   | 132132 | Switch, Rocker Min. SPST, On-OFF, Illum. |
| 3    | 1   | 132176 | Counter, Display, Backlight Display      |
| 4    | 1   | 150001 | TOP HOUSING, HAND CONTROL                |
| 5    | 1   | 150003 | BOTTOM HOUSING, HAND CONTROL             |
| 6    | 4   | 150013 | SCREW, #6 X 1/4 TYPE F                   |
| 7    | 2   | 150014 | SCREW, #6 X 1 SHEETMETAL                 |
| 8    | 2   | 150015 | SCREW, #6 X 1.5 SHEETMETAL               |
| 9    | 1   | 150046 | Switch Plate, Feeder, Hand Control       |
| 10   | 1   | 202089 | Decal, Cake Feeder Hand Control          |
| 11   | 1   | 230173 | Cable, Hand Control, Feeder              |
| 12   | 1   | 230174 | Jumper, Hand Control, Feeder             |

132132  
3P SPST ON-OFF  
ILLUM



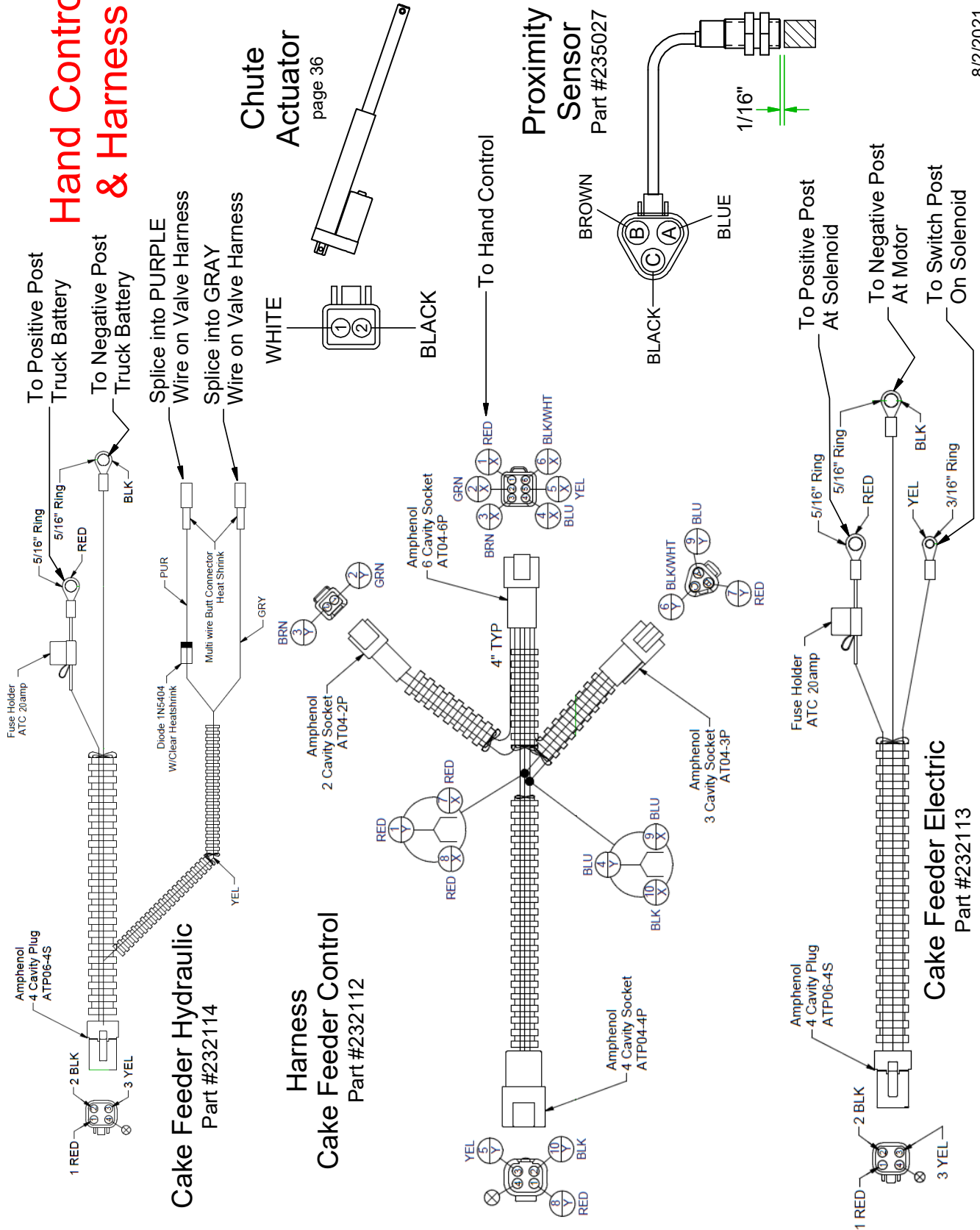
NEW = 2 BUTTON ON FACE  
New displays ADD A POWER WIRE.  
Deweze provides a pre-made JUMPER.

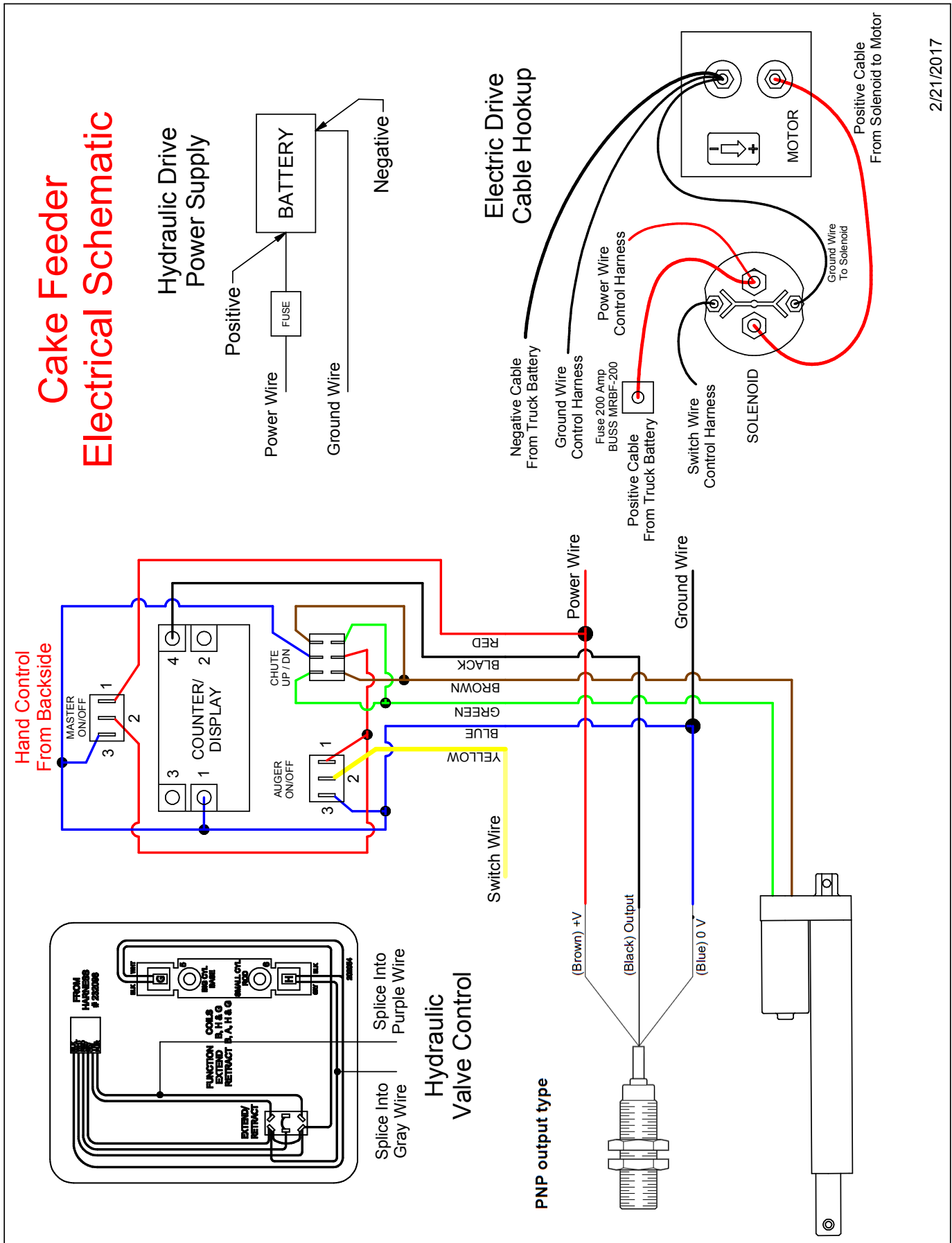


### NEW COUNTER STYLE (CONSTANT POWER)

9/23/2020

# Hand Control & Harness



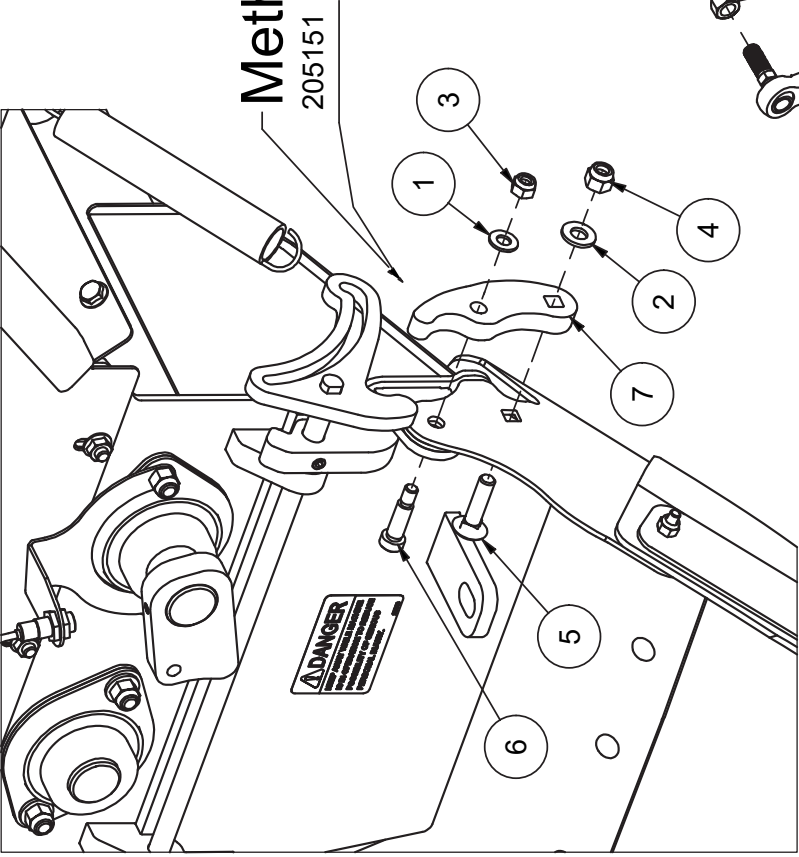


# Door Operation Methods

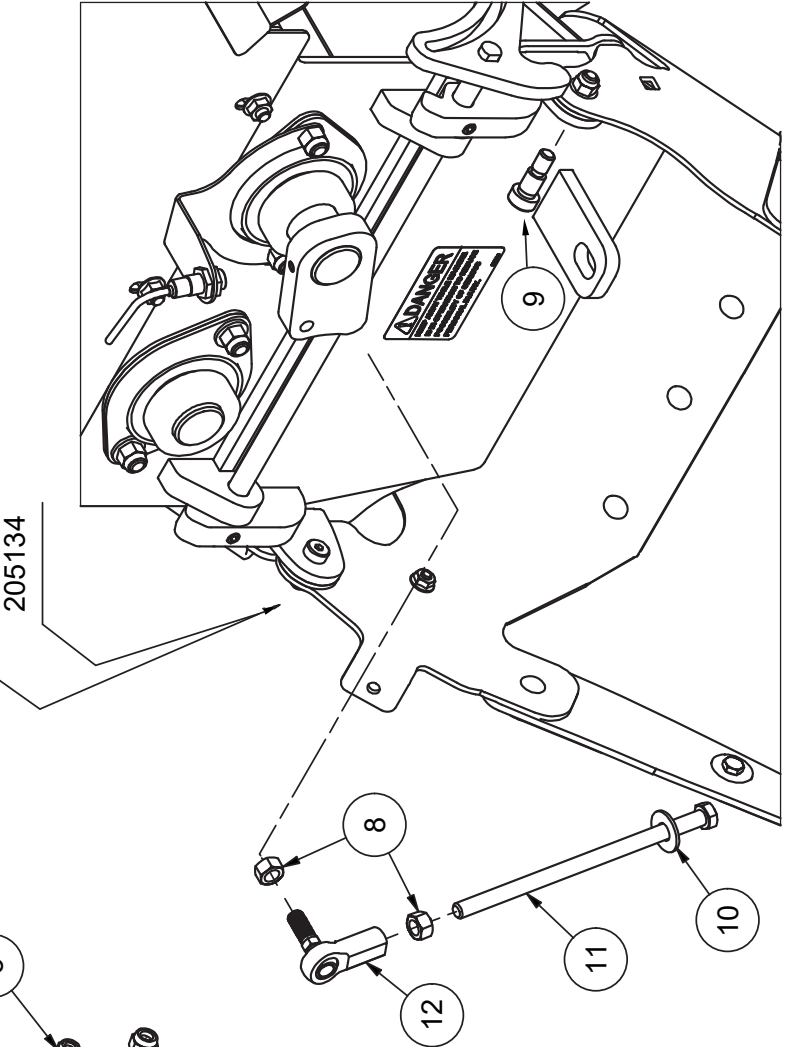
\*\*\*Note: Do not operate feeder with parts from both method one and two installed at the same time. Failure will result.

Parts for method two are installed from the factory

## Method Two



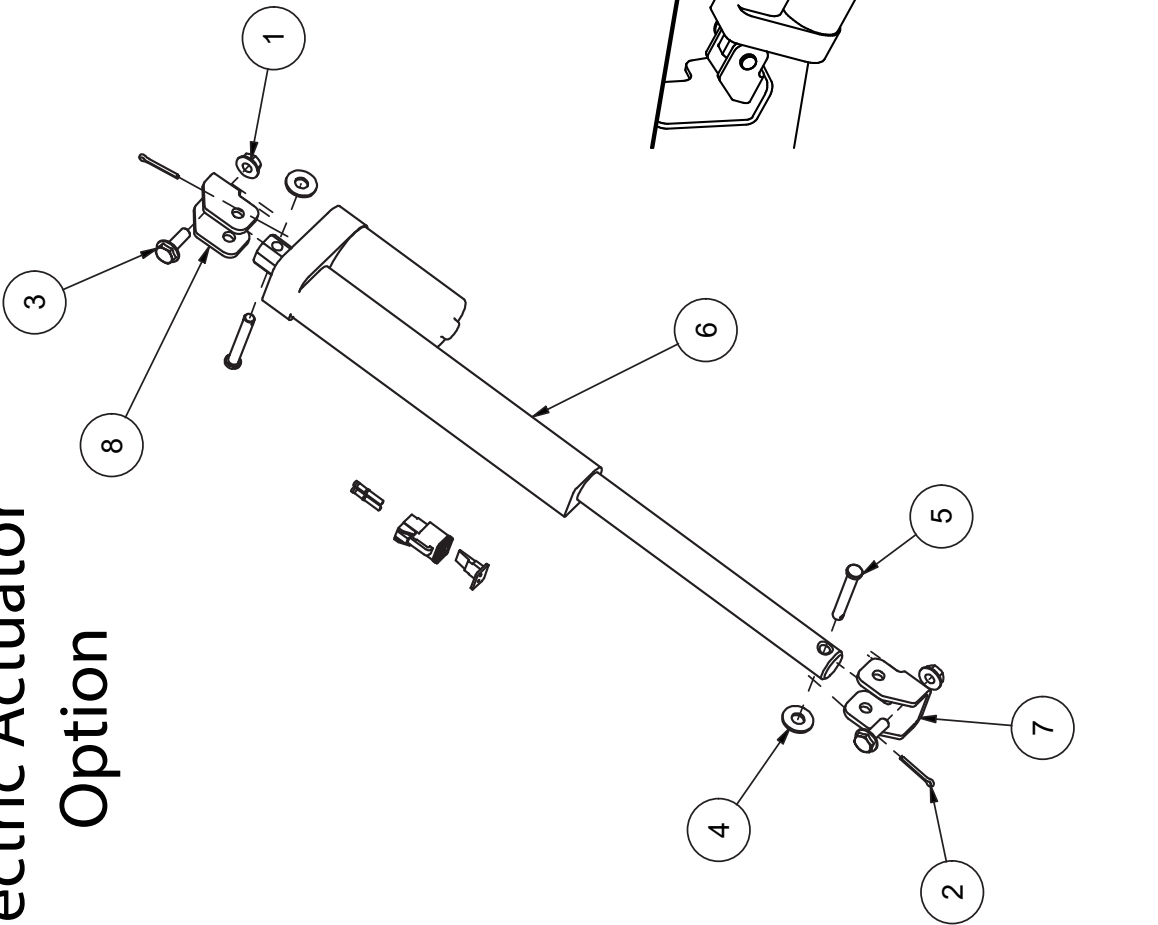
## Method One



| Parts List |     |        |                                  |
|------------|-----|--------|----------------------------------|
| ITEM       | QTY | PART # | DESCRIPTION                      |
| 1          | 1   | 205151 | Kit, BeefCake Manual Door Kicker |
| 2          | 1   | 110069 | WASHER, 5/16" FLAT SAE           |
| 3          | 1   | 110155 | WASHER, 3/8" FLAT SAE            |
| 4          | 1   | 110603 | NUT, 5/16-18 LOCK (NYLON)        |
| 5          | 1   | 110618 | NUT, 3/8-16 LOCK NYLON INSERT    |
| 6          | 1   | 110916 | Bolt, 3/8-16 X 1.5 in Carriage   |
| 7          | 1   | 111071 | BOLT, 3/8 X 1.0 SHOULDER SHCS    |
| 8          | 2   | 260757 | Manual Door Kicker               |
| 9          | 1   | 205134 | Kit, BeefCake Ball Joint         |
| 10         | 1   | 110083 | NUT, 3/8-24                      |
| 11         | 1   | 110289 | BOLT, 3/8 X 0.5 SHOULDER SHCS    |
| 12         | 1   | 110676 | WASHER, 3/8" FLAT STANDARD       |
|            | 1   | 111068 | Bolt, 3/8-24 X 7.0               |
|            | 1   | 142015 | Ball Joint Linkage, 3/8-24 RH    |

| 235029 |     | REV: A |                                  |
|--------|-----|--------|----------------------------------|
| ITEM   | QTY | PART # | DESCRIPTION                      |
|        | 1   | 235029 | Kit, Actuator                    |
| 1      | 2   | 110290 | Nut, 1/4-20 W/iz Flange          |
| 2      | 2   | 110300 | Cotter Pin, 3/32 X 0.75          |
| 3      | 2   | 110468 | Bolt, 1/4-20 X 0.75, W/iz Flange |
| 4      | 2   | 110673 | Washer, 1/4" Flat Standard       |
| 5      | 2   | 112095 | Clevis Pin, Std Zp 1/4 X 1 5/8   |
| 6      | 1   | 235028 | Actuator, 5.9", With Plug        |
| 7      | 1   | 270135 | Tool Box Door Hinge, Outer Half  |
| 8      | 1   | 270139 | Tool Box Door Hinge, Inner Half  |

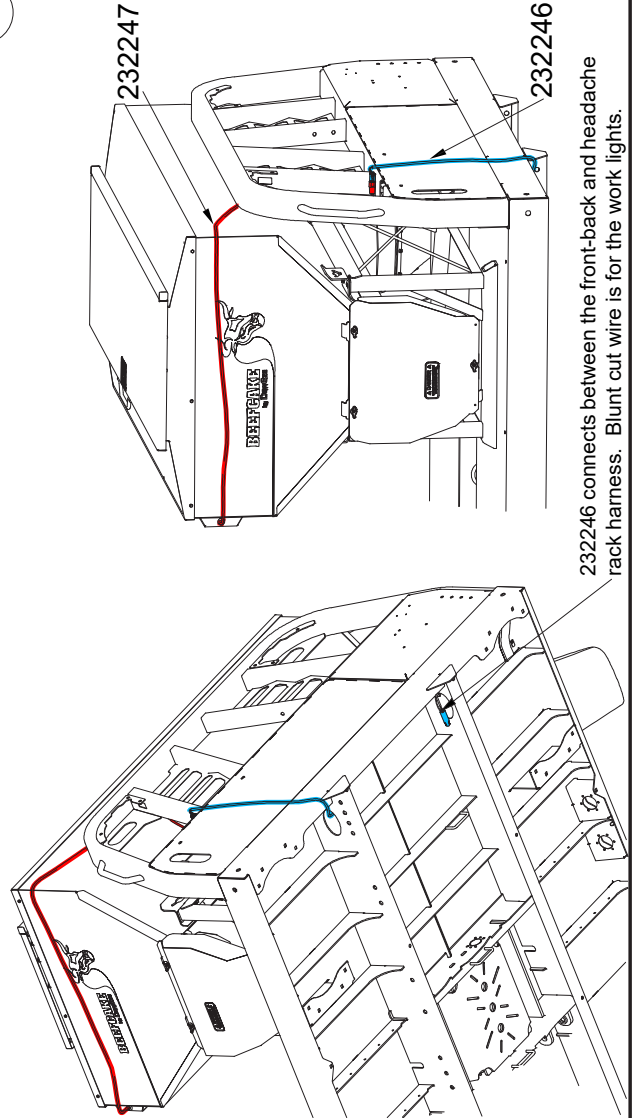
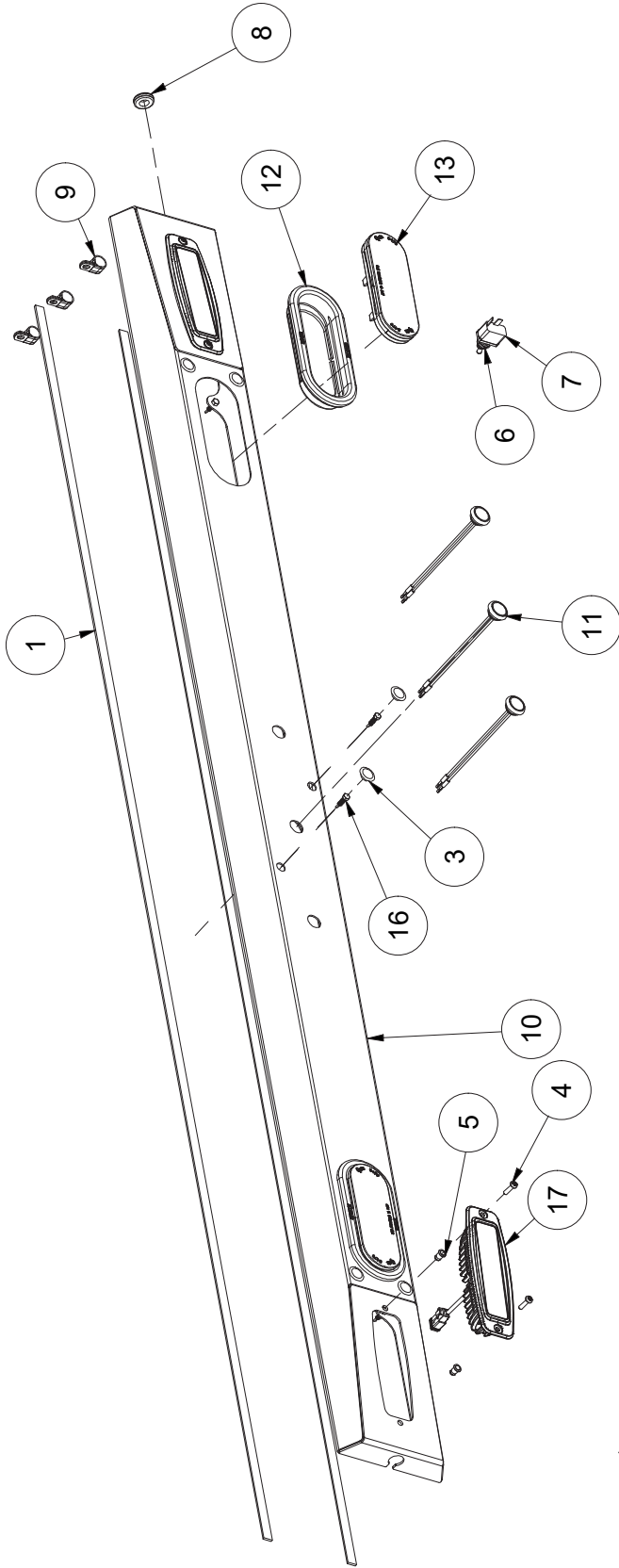
# Electric Actuator Option



# LIGHT BAR KIT 800/900

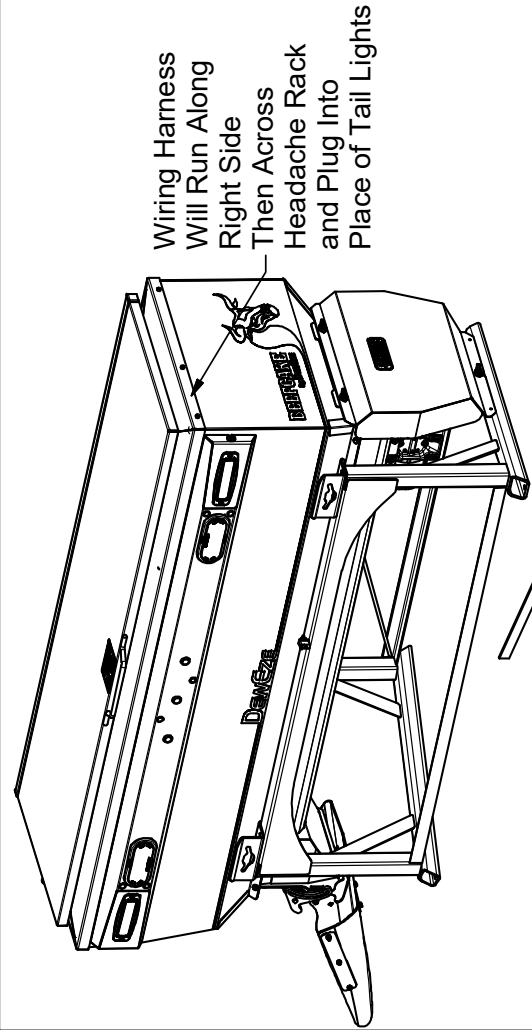
205498

REV:



| ITEM | QTY  | PART # | DESCRIPTION                                 |
|------|------|--------|---------------------------------------------|
| 1    | 13ft | 100613 | Seal, .50 X .187 X 156                      |
| 2    | 5    | 102117 | Cable Tie, Edge Clip, Top Mount, 7.9" Black |
| 3    | 6    | 110753 | Plug, 1/2" Button Plastic                   |
| 4    | 4    | 110834 | Screw, 10-24 X 3/4 SS Phillips Pan Head     |
| 5    | 4    | 110835 | Nut, 10-24 Rivet Aluminum                   |
| 6    | 1    | 132035 | Switch Boot                                 |
| 7    | 1    | 132135 | Switch, Toggle, Spst, On-Off                |
| 8    | 1    | 150018 | Grommet, 9/16 X 1" Od                       |
| 9    | 3    | 200019 | Clamp, Adel Ac10 .265 Hole                  |
| 10   | 1    | 215399 | Weldment, Light Bar, Cake Feeder            |
| 11   | 3    | 232091 | Light, 3/4" Round, Led, Red                 |
| 12   | 2    | 232125 | Grommet, 6" Oval, Grote                     |
| 13   | 2    | 232127 | Light, Oval, S/T/T, Male Pin, Grote         |
| 14   | 1    | 232246 | Harness, Light Bar Splice, 800/900          |
| 15   | 1    | 232247 | Harness, Light Bar, 800/900                 |
| 16   | 6    | 710587 | Screw, 3/16 X .75 Tek Self-Tap              |
| 17   | 2    | 835027 | Headlight Assembly, Flush Mount Led         |

232246 connects between the front-back and headache rack harness. Blunt cut wire is for the work lights.



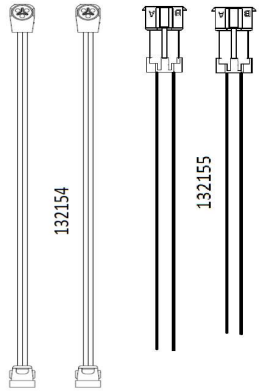
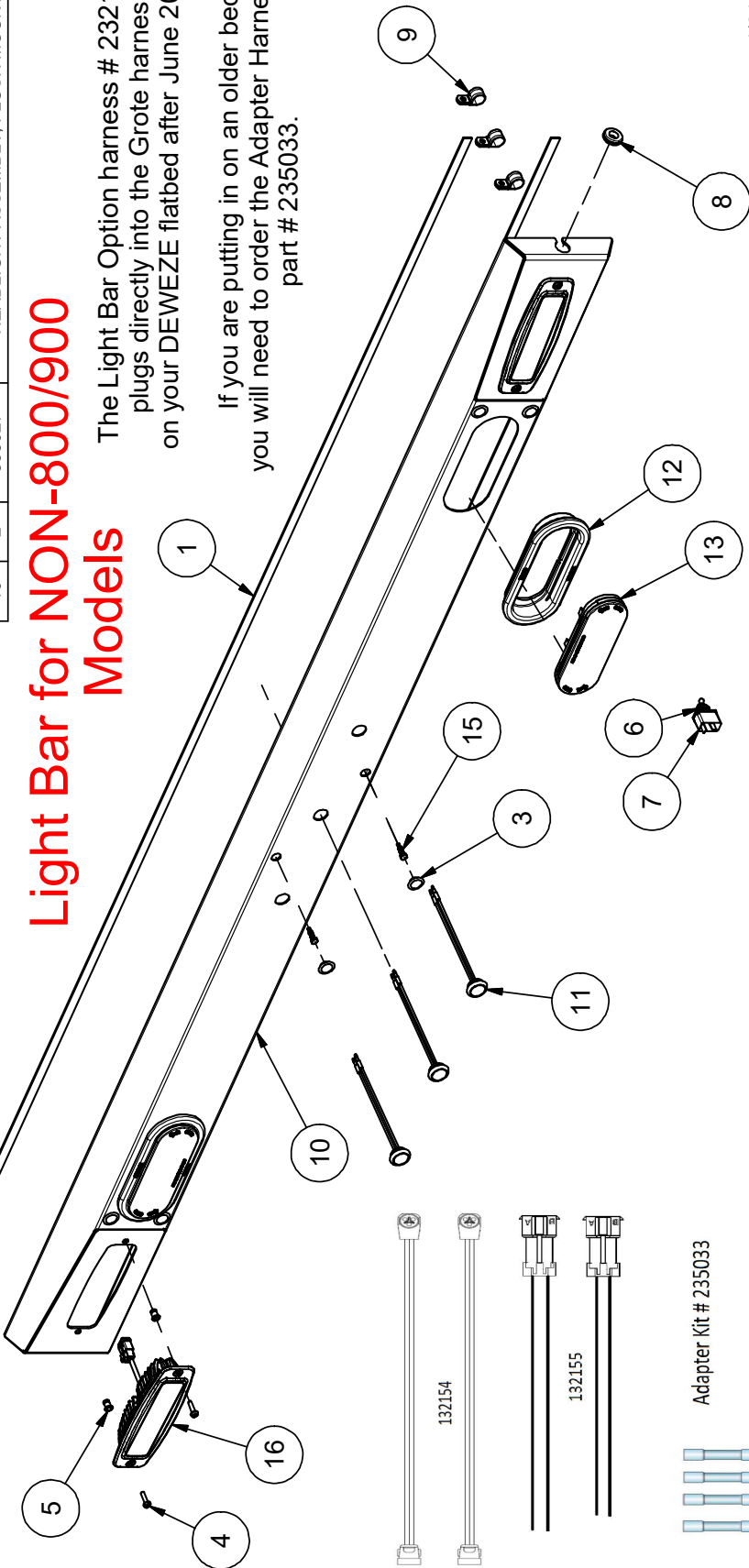
Wiring Harness  
Will Run Along  
Right Side  
Then Across  
Headache Rack  
and Plug Into  
Place of Tail Lights

| Cake Feeder Light Bar Option Part # 205142 |        |                                                       |
|--------------------------------------------|--------|-------------------------------------------------------|
| ITEM                                       | QTY    | PART # DESCRIPTION                                    |
| 1                                          | 13 ft. | 100613 Seal, .50 x .187 x 156                         |
| 2                                          | 5      | 102117 Cable Tie, Edge Clip, Top Mount, 7.9" Black    |
| 3                                          | 6      | 110753 PLUG, 1/2" BUTTON PLASTIC                      |
| 4                                          | 4      | 110834 SCREW, 10-24 X 3/4 STAINLESS PHILLIPS PAN HEAD |
| 5                                          | 4      | 110835 NUT, 10-24 RIVET ALUMINUM                      |
| 6                                          | 1      | 132035 SWITCH BOOT                                    |
| 7                                          | 1      | 132135 Switch, Toggle, SPST, On-Off                   |
| 8                                          | 1      | 150018 GROMMET, 9/16 X 1" OD                          |
| 9                                          | 3      | 200019 CLAMP, ADEL AC10 .265 HOLE                     |
| 10                                         | 1      | 215399 Weldment, Light Bar, Cake Feeder               |
| 11                                         | 3      | 232091 LIGHT, 3/4" ROUND, LED, RED                    |
| 12                                         | 2      | 232125 Grommet, 6" Oval, Grote                        |
| 13                                         | 2      | 232127 Light, Oval, S/T/T, Male Pin, Grote            |
| 14                                         | 1      | 232142 Harness, Cake Feeder Light Bar                 |
| 15                                         | 6      | 710587 SCREW, 3/16 X .75 TEK SELF-TAP                 |
| 16                                         | 2      | 835027 HEADLIGHT ASSEMBLY, FLUSH MOUNT LED            |

Light Bar for NON-800/900 Models

The Light Bar Option harness # 232142 plugs directly into the Grote harness on your DEWEZE flatbed after June 2018.

If you are putting in on an older bed you will need to order the Adapter Harness Kit part # 235033.



Adapter Kit # 235033

## NOTES

Harper Industries, Inc.  
151 E. Highway 160  
Harper, KS 67058

Telephone: 620-896-7381  
Toll-Free: 800-835-1042  
Fax: 620-896-7129

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

E-mail: [info@harperindustries.com](mailto:info@harperindustries.com)