



Parts List & Instructions

815 Rice Lake Street, Owatonna, MN 55060

Phone: 800-443-2476 / 507-451-5430

www.gandy.net / Email: sales@gandy.net

9345

Salt Inator Spin Spreader

3-Point Hitch; Cat-1 & 2 Tractor Hitch

2.3 Cu Ft Poly Hopper, Holds Approximately 150 Lbs.

For Use with #1 Free Flowing Rock Salt or Ice Melt

Max Spread Width: Approximately 40-Ft

12-Volt In Cab Controller



Operators Instructions

Control Knob Settings and Spreading Guidelines

The control knob is adjustable from 1 to 10.

Approximate spreading widths:

- ... Setting 10 → spreads up to 40 ft wide
- ... Setting 8 → spreads up to 30 ft wide
- ... Setting 5 → spreads up to 20 ft wide

Settings below 5 should be verified by the operator to ensure effective spreading width.

Spread Density and Driving Speed

Driving speed directly affects salt density.

- Slower speeds result in a denser salt application.
- Faster speeds result in a lighter salt application.

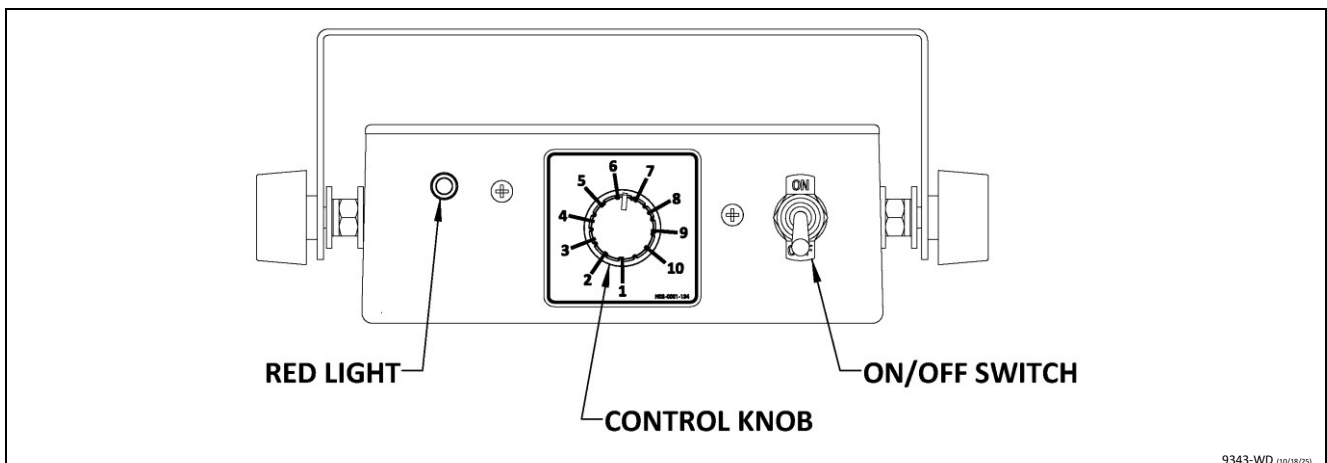
When selecting a setting below #5, first turn the control knob to a position above #5. Then switch the unit to the ON position, and finally adjust the control knob down to your desired setting.

To run.

Flip the ON/OFF switch up to turn the controller on.

With the ON/Off switch on the Red Light will be lit up to indicate it is on.

See picture of controller below.



Maintenance, Usage & Storage

Do not leave salt or ice melt in spreader when not in use.

Salt/Ice melt absorbs moisture and may subsequently refreeze, forming a solid mass/chunk.

Do not use salt or ice melt that has big hard chunks in it. Break up all chunks to flowable size before use.

Passing large chunks through the spreader may cause jams, which can lead to electric motor failure or damage to the feeder (auger).

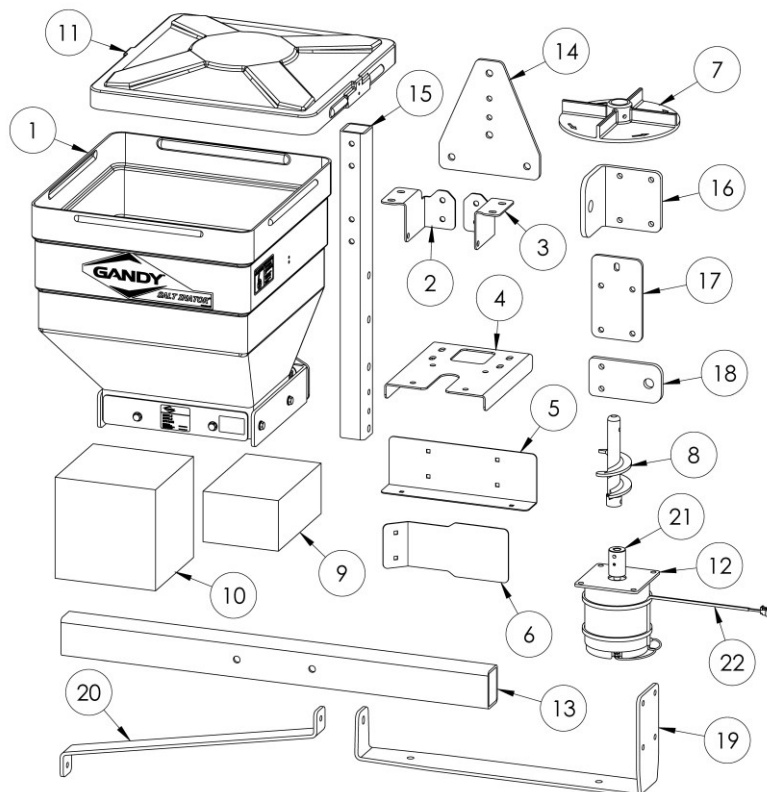
After each use:

- Empty out the spreader.
- Remove any excess salt or ice-melt buildup from around and beneath the spinner plate.

Carton Containing the Following Items: (See next page for Diagram)

Item Number	Part Number	Description	Quantity
1	9340-A	Hopper Assembly (2.3 Cu. Ft. Poly Hopper)	1
2	9340-5	Bracket Right Mount	1
3	9340-6	Bracket Left Mount	2
4	9340-7	Plate Mount	1
5	9340-10	Deflector Guard	1
6	9340-11	Deflector Side Plate	3
7	9340-12	Spinner Plate	1
8	9340-22	Feeder	1
9	9345-E	Electrical Box	2
10	9345-H	Hardware Box	1
11	M10-0001-115	Cover, Poly Hopper (Color Silver)	1
12	L01-0012-225	Motor (12-Volt) Spinner	1
13	9341-1	Tube Mount	1
14	9341-2	Plate Mount Upright	1
15	9341-3	Post Upright	1
16	9341-4	Mount Hitch Pin	2
17	9341-5	Plate Mount	2
18	9341-6	Plate Top Hitch	2
19	9341-7	Skid Plate	2
20	9341-8	Brace Mount	2
21	9340-9	Connector Coupler w/Stop (in Place on Motor)	1
22	9343-6	Wire Power Motor (in Place on Motor)	1

9345 Parts Break Down

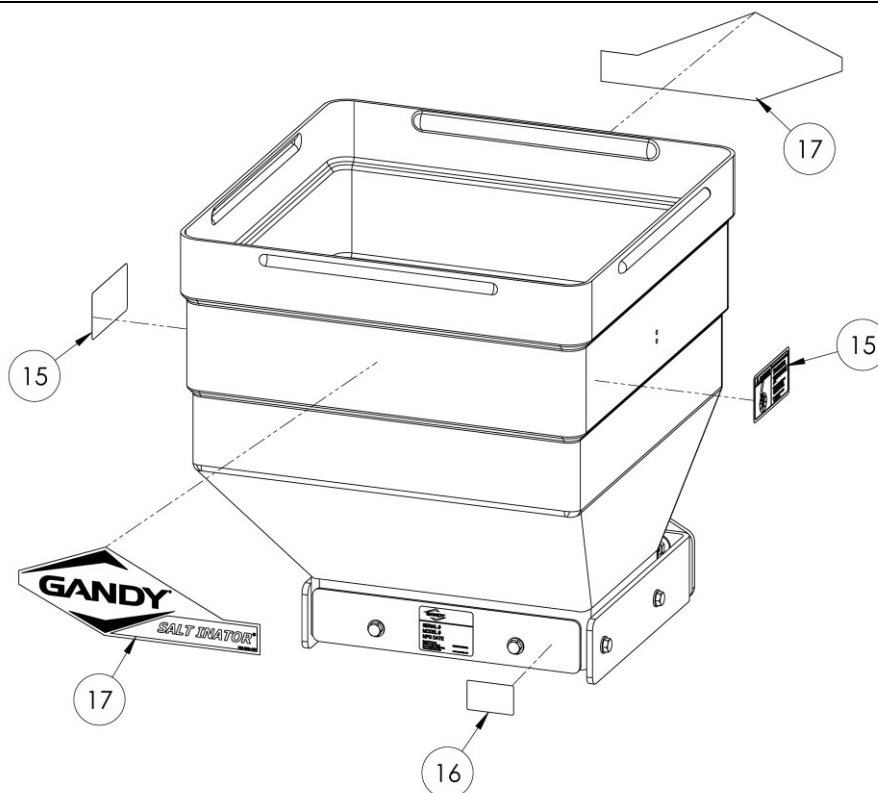


9345 (8/22/25)

9340-A Hopper Assembly Parts Break Down:

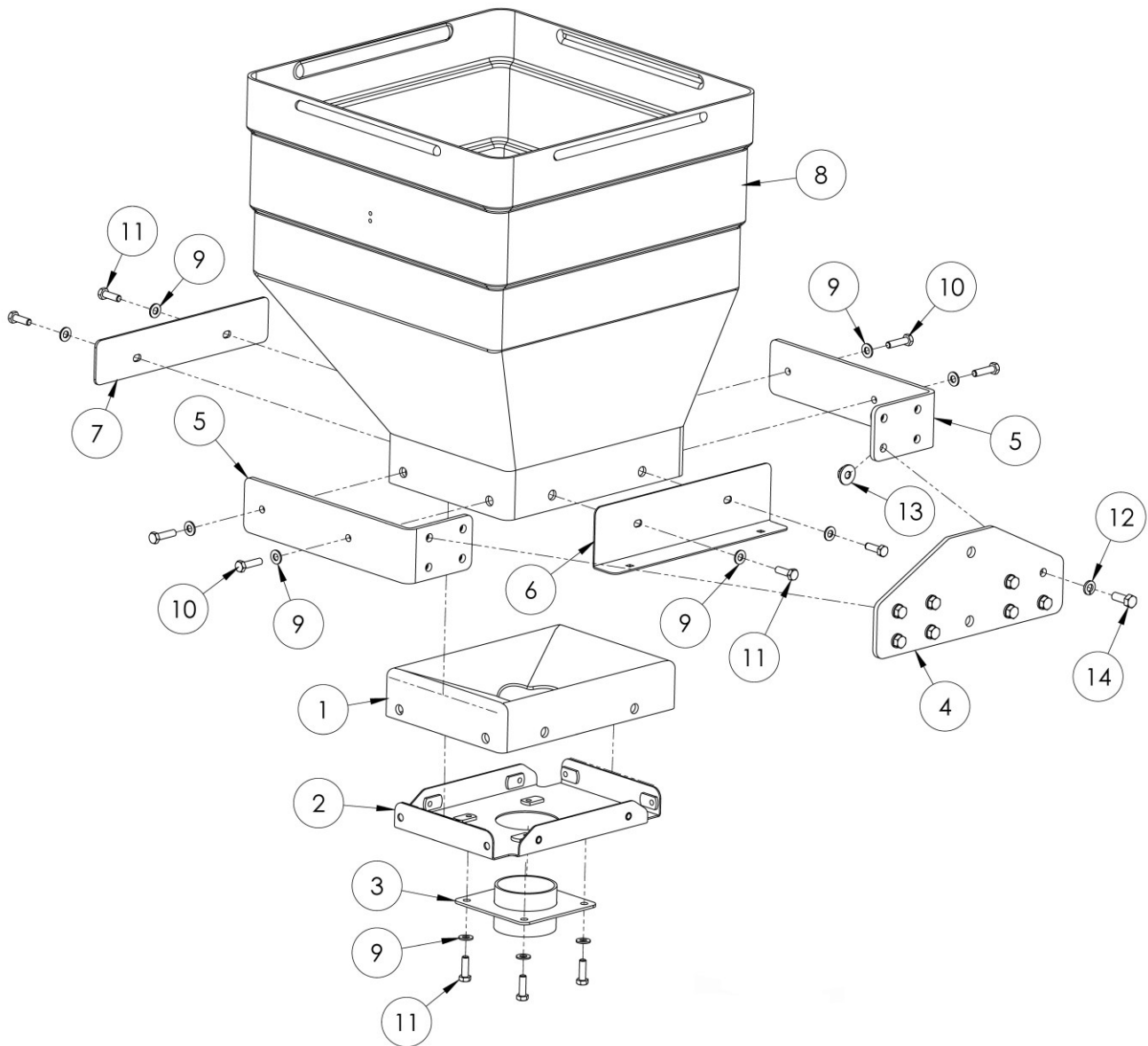
Item Number	Part Number	Description	Quantity
1	9340-13	Insert Tray	1
2	9340-14	Bottom Support Plate	1
3	9340-15	Insert Tube	1
4	9340-17	Plate Hopper Mount	1
5	9340-18	Bracket Side Mount	2
6	9340-19	Plate Rear Bottom Support	1
7	09099926-7	Bottom Support Plate	1
8	M10-0001-110	Poly Hopper (2.3 Cu. Ft.)	1
9	C02-0312-021	Washer SAE 5/16" Stainless	12
10	C03-0312-052	Hex Bolt 5/16" x 1-1/4" Stainless	4
11	C03-0312-045	Hex Bolt 5/16" x 1" Stainless	8
12	C02-0375-010	Lock Washer 3/8"	8
13	C01-0375-030	Whiz Flange Nut 3/8"	8
14	C03-0375-041	Hex Bolt (3/8" x 1")	8
15	N02-0001-108	Decal: <i>Rotating Parts Inside</i>	2
16	N02-0001-130	Decal: (Small) USA	1
17	N02-0001-135	Decal: <i>Salt Inator</i>	2

9340-A (Decal Locations)



9340-A (8/18/25)

9340-A Parts Break Down

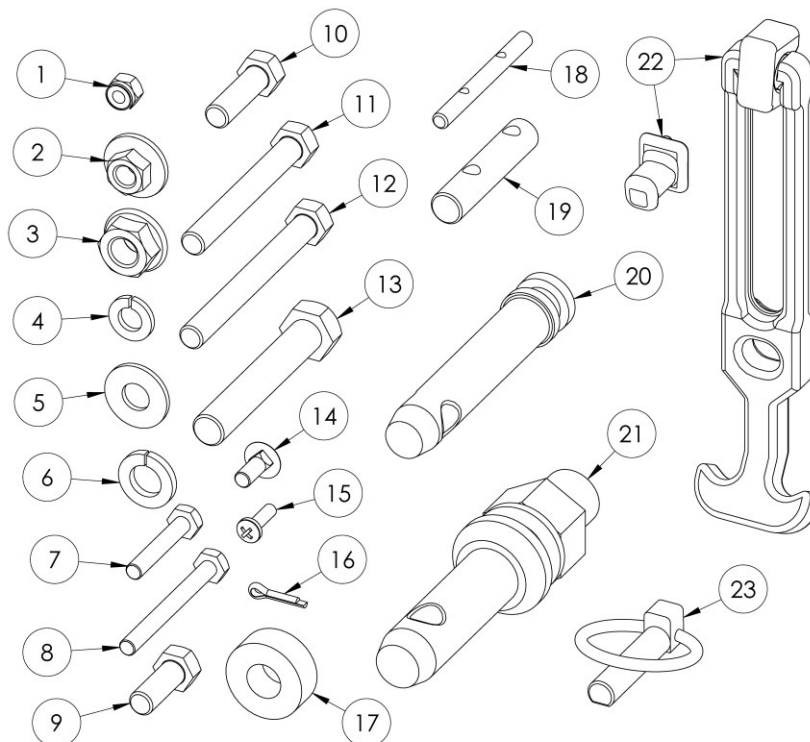


9340-A (9/18/25)

9345-H Hardware Box:

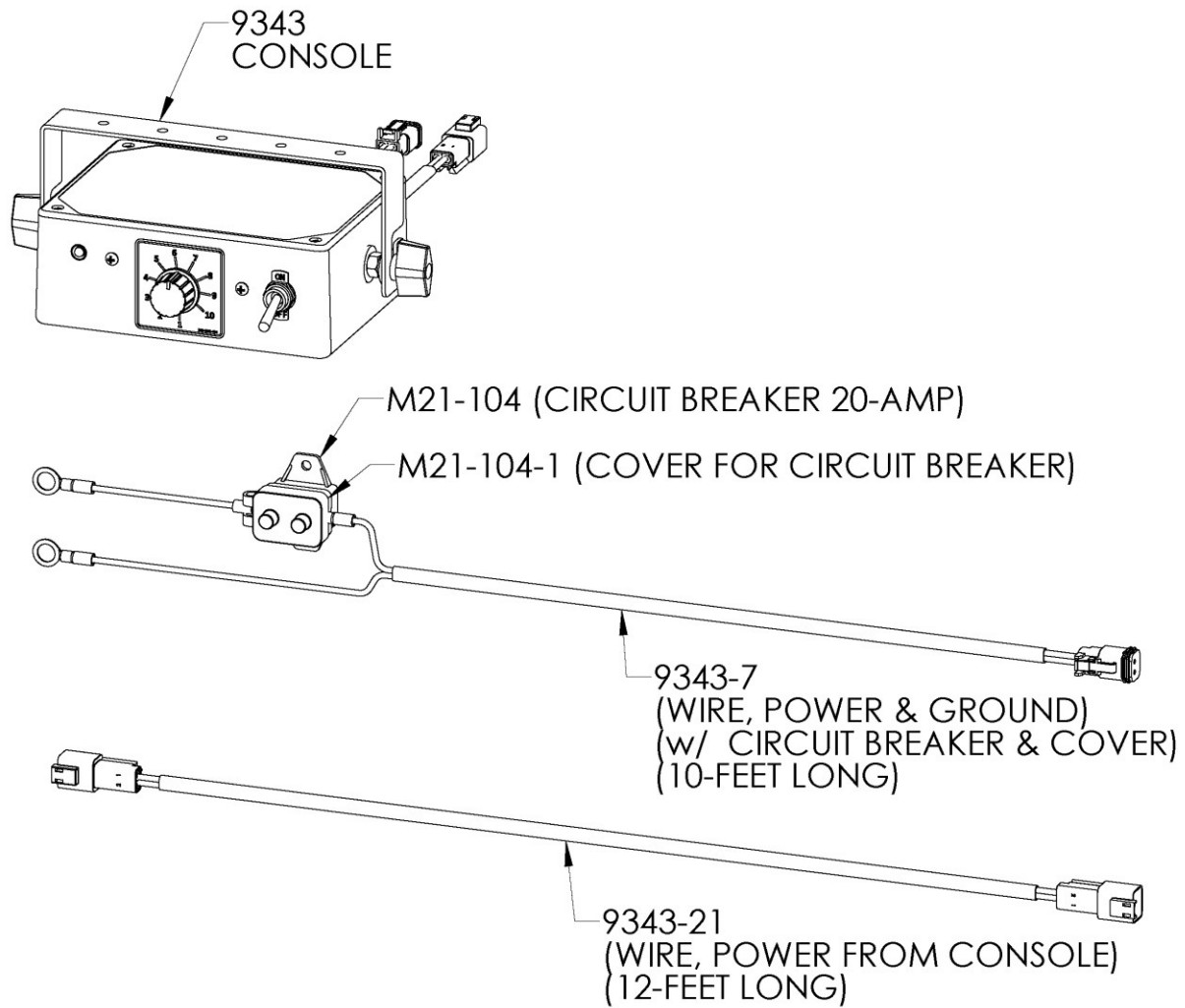
Item Number	Part Number	Description	Quantity
1	C01-0250-043	Nylon Lock Nut ¼"-20, Stainless	8
2	C01-0375-030	Whiz Flange Nut 3/8"	24
3	C01-0500-030	Whiz Flange Nut ½"	6
4	C02-0375-010	Lock Washer 3/8"	24
5	C02-0375-030	Wrought Washer 3/8"	4
6	C02-0500-010	Lock Washer ½"	6
7	C03-0250-065	Hex Bolt ¼" x 1-1/2" Stainless	1
8	C03-0250-105	Hex Bolt ¼" x 2-1/2" Stainless	1
9	C03-0375-041	Hex Bolt 3/8" x 1"	10
10	C03-0375-051	Hex Bolt 3/8"-1-1/4"	2
11	C03-0375-121	Hex Bolt 3/8" x 3"	2
12	C03-0375-141	Hex Bolt 3/8" x 3-1/2"	10
13	C03-0500-120	Hex Bolt ½" x 3"	6
14	C04-0250-020	Carriage Bolt ¼" x 5/8"	6
15	C07-0187-080	Pan Head Screw #10-24 x 5/8" Stainless	6
16	C20-0125-010	Cotter Pin 1/8" x ½" Stainless	2
17	9340-20	Bushing	1
18	9340-23	Rod Agitator	1
19	9340-8	Shaft Connector	1
20	0706980-5	Yoke Pin Cat-1	1
21	638735-6	Hitch Pin Cat-1	2
22	M05-0000-008	Rubber Latch w/Keeper	2
23	M11-0437-175	Lynch Pin 7/16" x 1-3/4"	3

9345-H Hardware Box



9345-H (12/22/25)

9345-E Electrical Box Containing the Following:



9340-E (10/28/25)

Assembly Instructions

Step 1 - Before Assembly:

1. Unpack all items from the cartons.
2. Verify all parts against the lists on pages 1 and 2 to ensure nothing is missing.
3. Open hardware bag **9345-H** and check its contents against the list on page 5.
4. If any parts are missing, contact **Gandy Company** before beginning assembly.

*Call a customer sales representative if you need assistance. (800)443-2476

Required Tools (Minimum):

The following tools are the minimum needed for assembly.

- 7/16" Box End Wrench
- 9/16" Box End Wrench (Qty-2)
- 3/4" Box End Wrench (Qty-2)
- 3/8" Ratchet & 6" Long 3/8" Extension
- 7/16" Socket (for 3/8" Drive)
- 9/16" Socket (for 3/8" Drive)
- 3/4" Socket (for 3/8" Drive)
- Large Adjustable Wrench
- Large Punch or Large Phillips Screw Driver
- Small #2 Phillips Screw Driver
- Tape Measure
- Wire Cutters
- Wire Stripper / Wire Crimper
- Bag of Ty-Raps (supplied by end user)

Step 2 - Mount Hitch Pin and Skid Plate Assembly

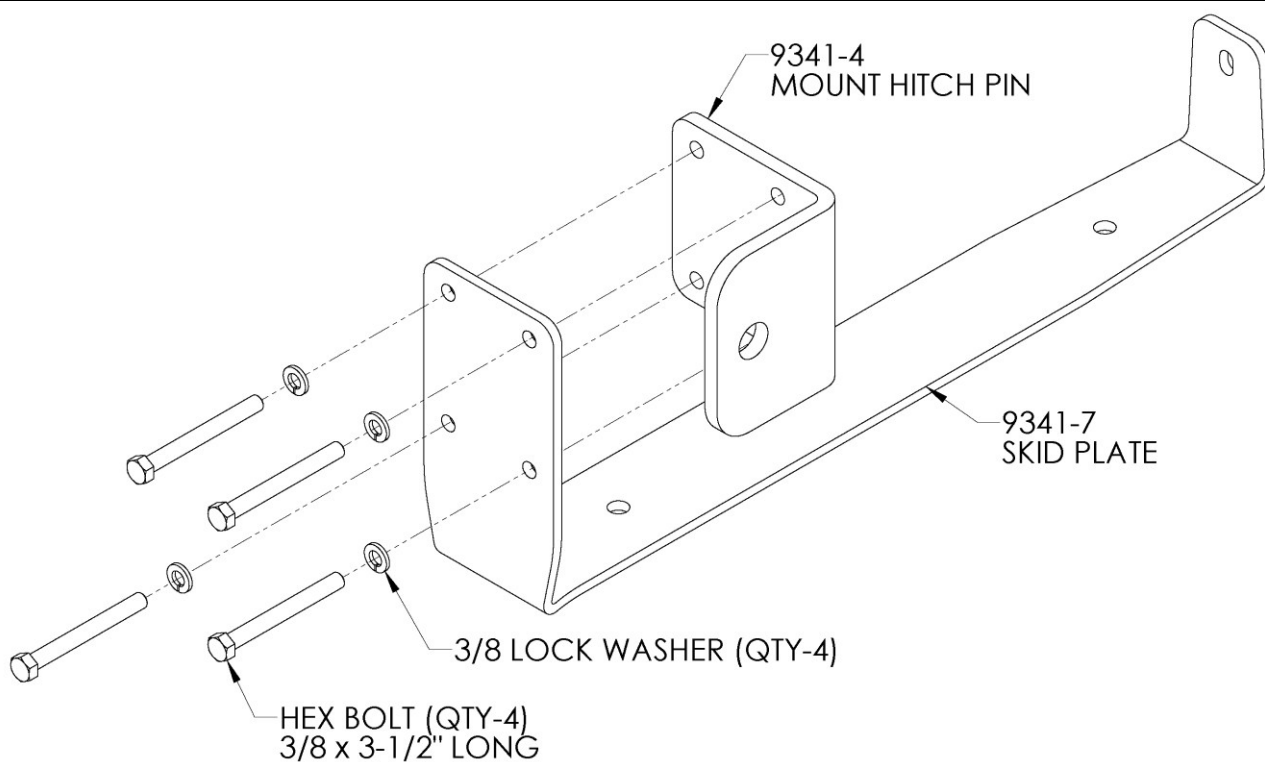
1. Locate the following parts:

- Part #9341-4 (Mount Hitch Pin)
- Part #9341-7 (Skid Plate)
- Four $\frac{3}{8}$ " $\times$ 3-1/2" bolts
- Four $\frac{3}{8}$ " lock washers

2. Place one lock washer on each $\frac{3}{8}$ " $\times$ 3-1/2" bolt.

3. Insert the bolts with lock washers through part #9341-7 (Skid Plate), then through part #9341-4 (Mount Hitch Pin), as shown in the diagram.

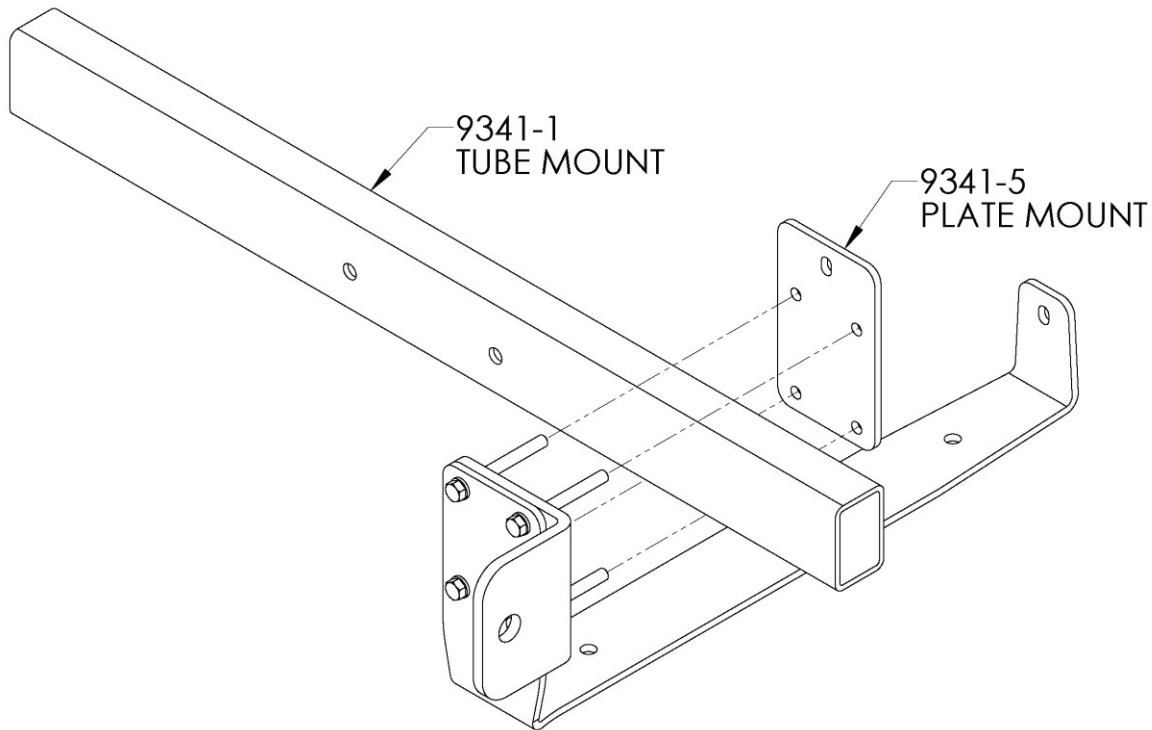
4. Proceed to the next step.



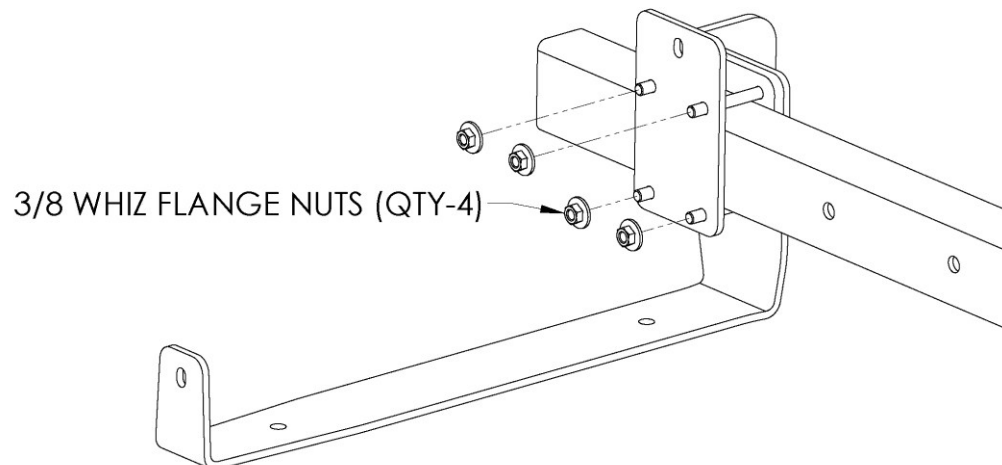
9345-A-1 (9/23/25)

Step 3 - Tube Mount and Plate Mount Assembly

1. Locate the following parts:
 - Part #9341-1 (Tube Mount)
 - Part #9341-5 (Plate Mount)
 - Four (4) 3/8" whiz flange nuts
2. Using the assembly from Step 1, attach it to part #9341-1 (Tube Mount) with part #9341-5 (Plate Mount) as shown in the diagram.
3. Install the four (4) 3/8" whiz flange nuts on the back side of part #9341-5 (Plate Mount).
4. **Do not tighten at this stage.** Final tightening will be completed in a later step.



9345-A-2 (9/23/25)



9345-A-2 (9/23/25)

Step 4 - Mount Hitch Pin and Skid Plate Assembly

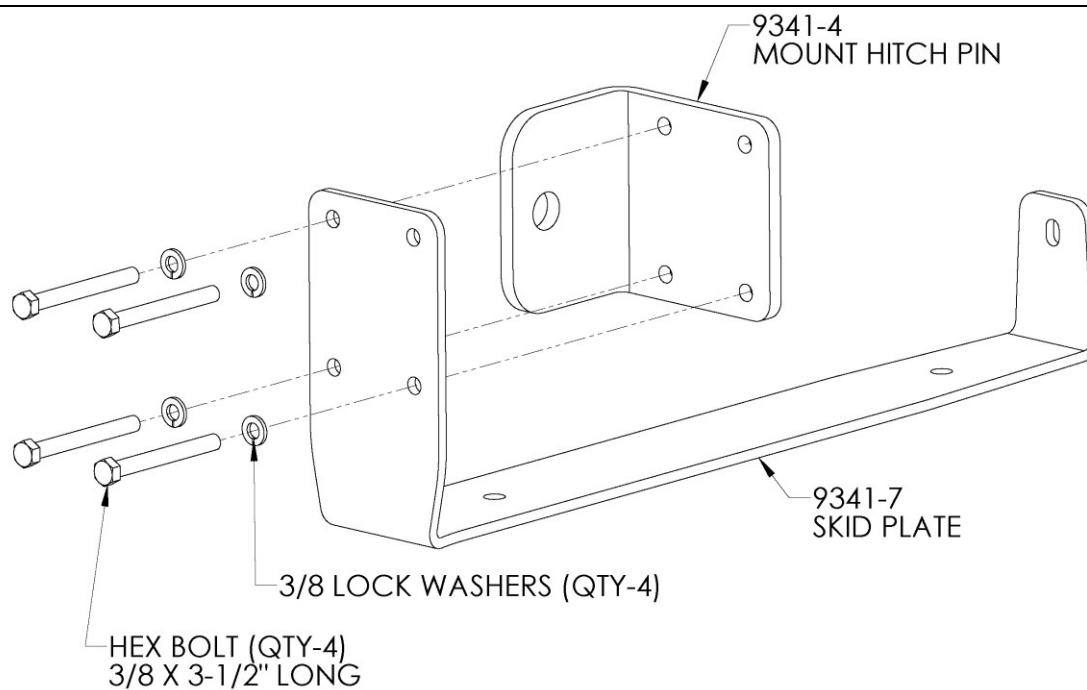
1. Locate the following parts:

- Part #9341-4 (Mount Hitch Pin)
- Part #9341-7 (Skid Plate)
- Four (4) $\frac{3}{8}$ " $\times$ 3-1/2" bolts
- Four (4) $\frac{3}{8}$ " lock washers

2. Place one lock washer on each $\frac{3}{8}$ " $\times$ 3-1/2" bolt.

3. Insert the bolts with lock washers through part #9341-7 (Skid Plate), then through part #9341-4 (Mount Hitch Pin), as shown in the diagram.

4. **Do not tighten at this stage.** Final tightening will be completed in a later step.



9345-A-3 (9/23/25)

Step 5 - Plate Mount Installation

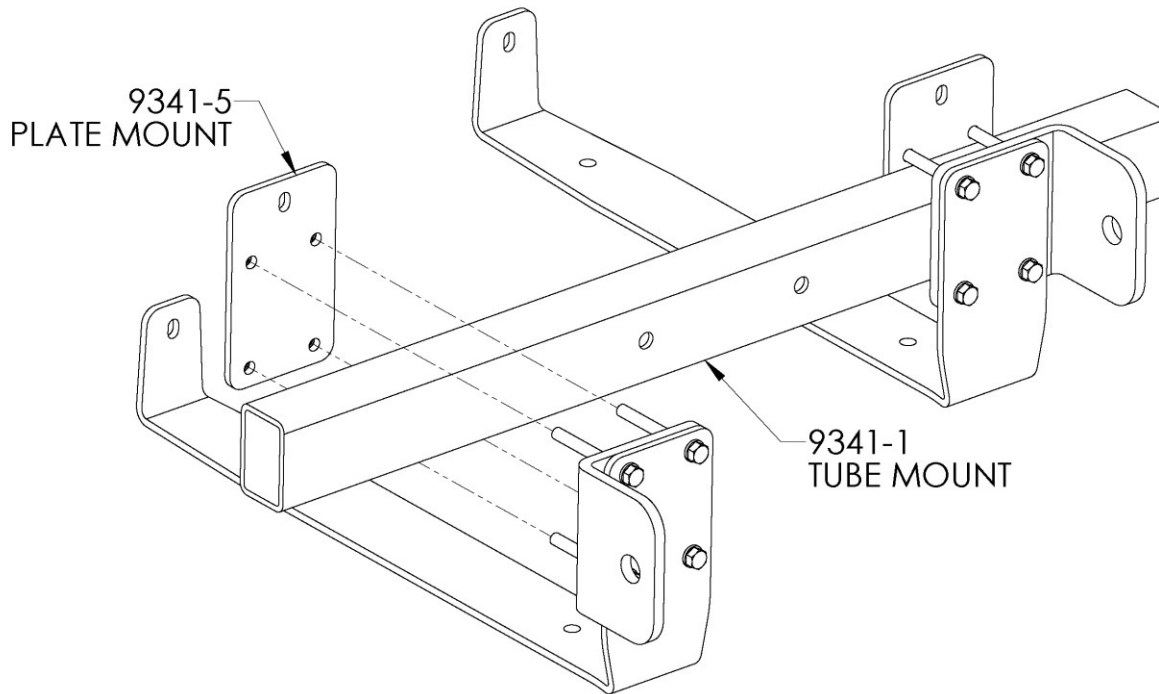
1. Locate the following parts:

- Part #9341-5 (Plate Mount)
- Four (4) 3/8" whiz flange nuts

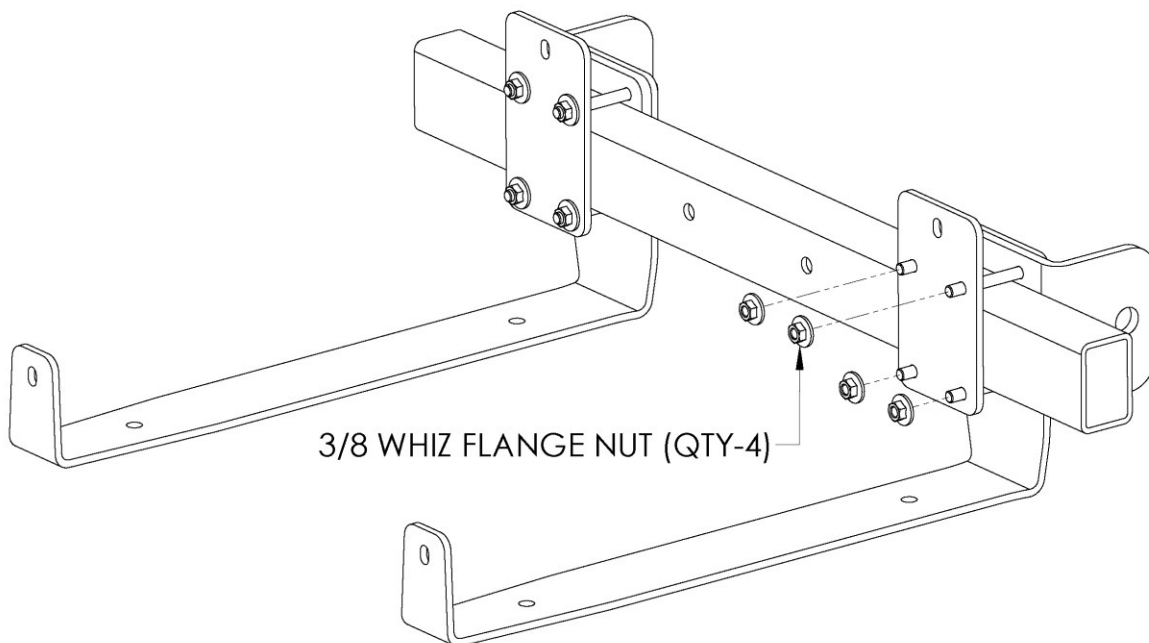
2. Using the assembly from Step 4, attach it to part #9341-1 (Tube Mount) with part #9341-5 (Plate Mount), as shown in the diagram.

3. Install the four (4) 3/8" whiz flange nuts on the back side of part #9341-5 (Plate Mount).

4. **Do not tighten at this stage.** Final tightening will be completed in a later step.



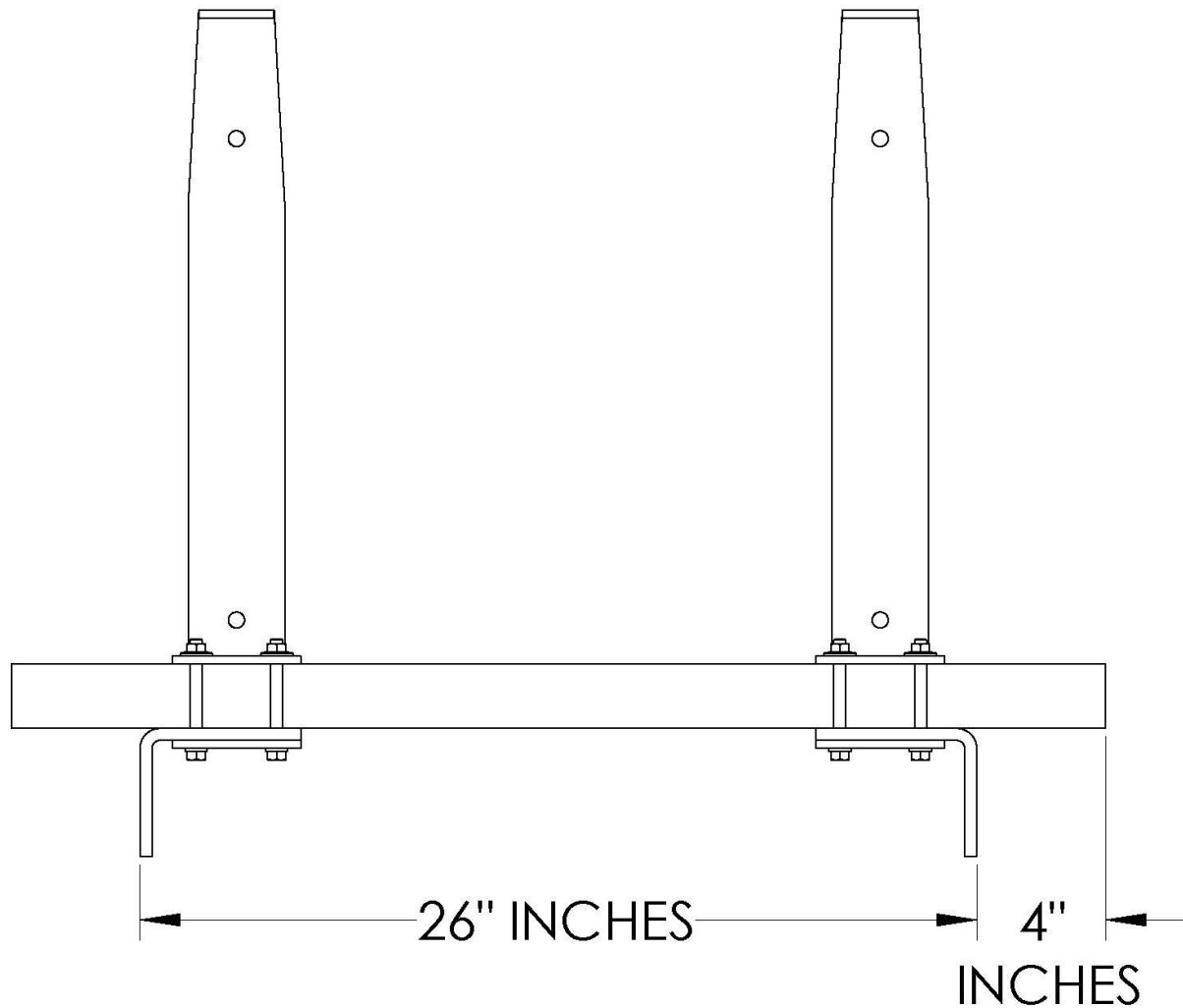
9345-A-2 (0/23/25)



9345-A-2 (0/23/25)

Step 6 - Adjust Outside Plates for CAT-1 3-Point Hitch

1. Using a tape measure, position one of the outside plates at 4 inches, as shown in the diagram, and tighten the hardware.
2. Position the other outside plate at 26 inches wide and securely tighten the hardware.
3. This adjustment sets the correct spacing for a Category-1; 3-Point Hitch (3-PTH).
4. Tightening Instructions:
 - Use a 9/16" wrench to hold the 3/8" whiz flange nuts in place.
 - Tighten the bolt heads instead of the nuts. This prevents the nuts from stripping paint from the surface beneath them.



9345-A-3 (8/23/25)

Step 7 - Brace Mount Installation

1. Locate the following parts:

- Two (2) part #9341-9 (Brace Mounts)
- Two (2) 3/8" × 1" bolts
- Two (2) 3/8" × 1-1/4" bolts
- Four (4) 3/8" lock washers
- Four (4) 3/8" whiz flange nuts

2. Using one 3/8" × 1" bolt and one 3/8" lock washer, attach part #9341-9 (Brace Mount) as shown in the diagram. **Do not tighten hardware at this stage.**

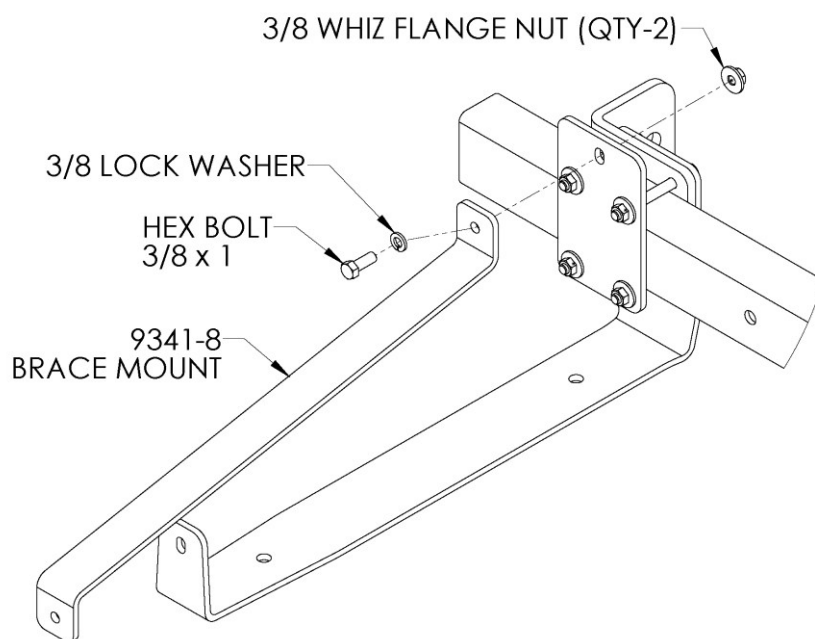
3. Next, install one 3/8" × 1-1/4" bolt with a 3/8" lock washer and a 3/8" whiz flange nut.

4. Securely tighten this hardware.

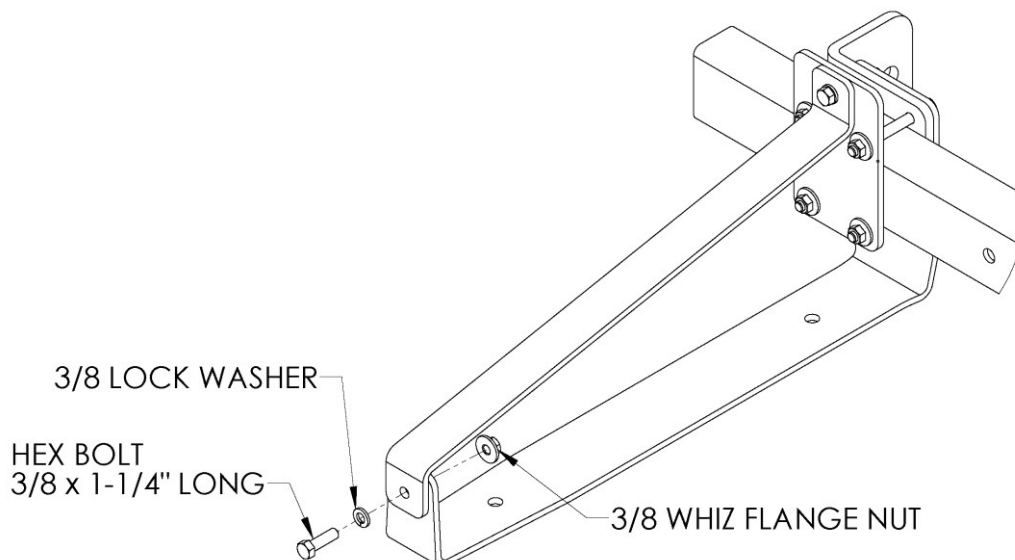
5. Repeat this process for the opposite side.

6. Tightening Instructions:

- Use a 9/16" wrench to hold the whiz flange nuts in place.
- Tighten the bolt heads instead of the nuts to prevent stripping paint from the surface beneath.



9345-A-4 (8/23/25)



9345-A-4 (8/23/25)

Step 8 - Plate Mount Upright Installation

1. Locate the following parts:

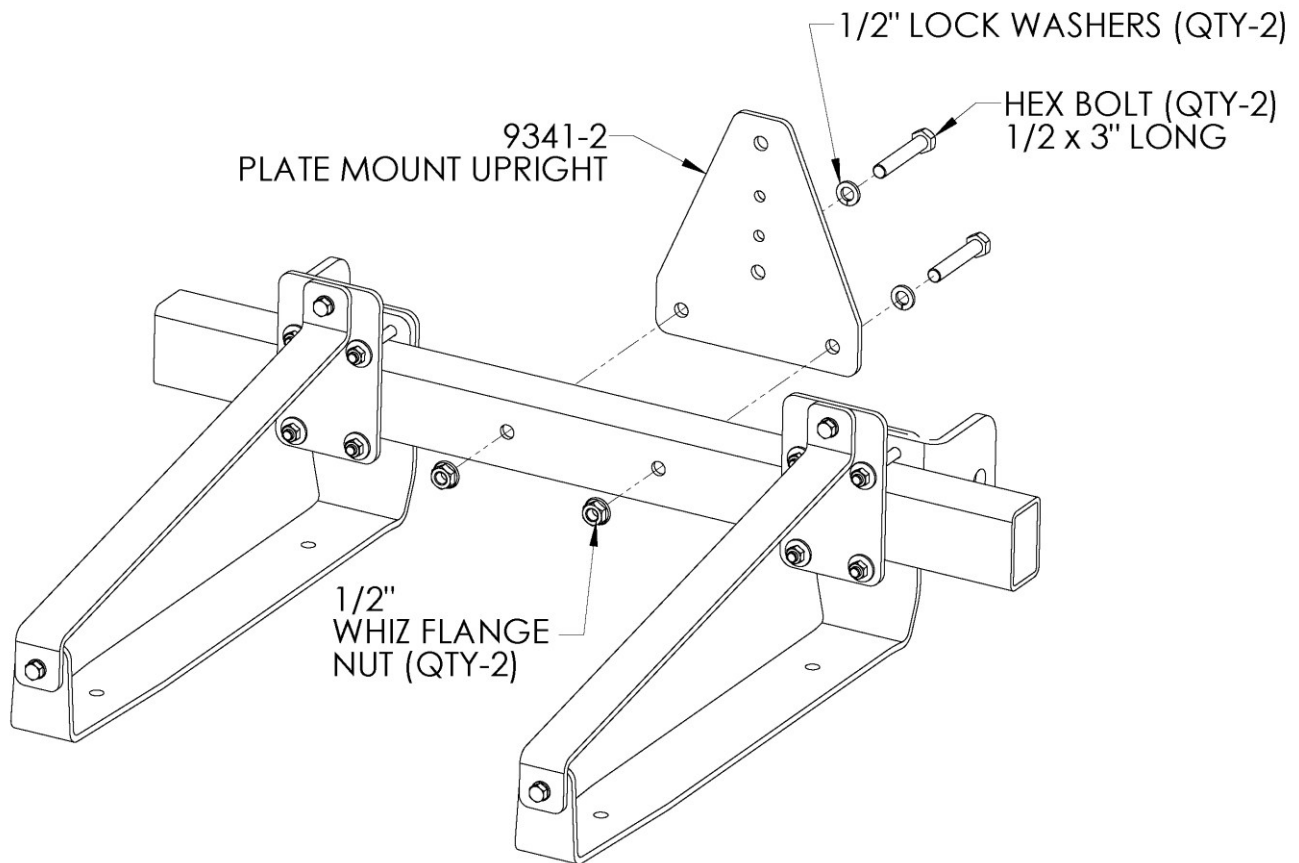
- Part #9341-2 (Plate Mount Upright)
- Two (2) 1/2" × 3" bolts
- Two (2) 1/2" lock washers
- Two (2) 1/2" whiz flange nuts

2. Place one 1/2" lock washer on each 1/2" × 3" bolt.

3. Position part #9341-2 (Plate Mount Upright) on the tube as shown in the diagram.

4. Insert the bolts with lock washers through the assembly and secure with the 1/2" whiz flange nuts.

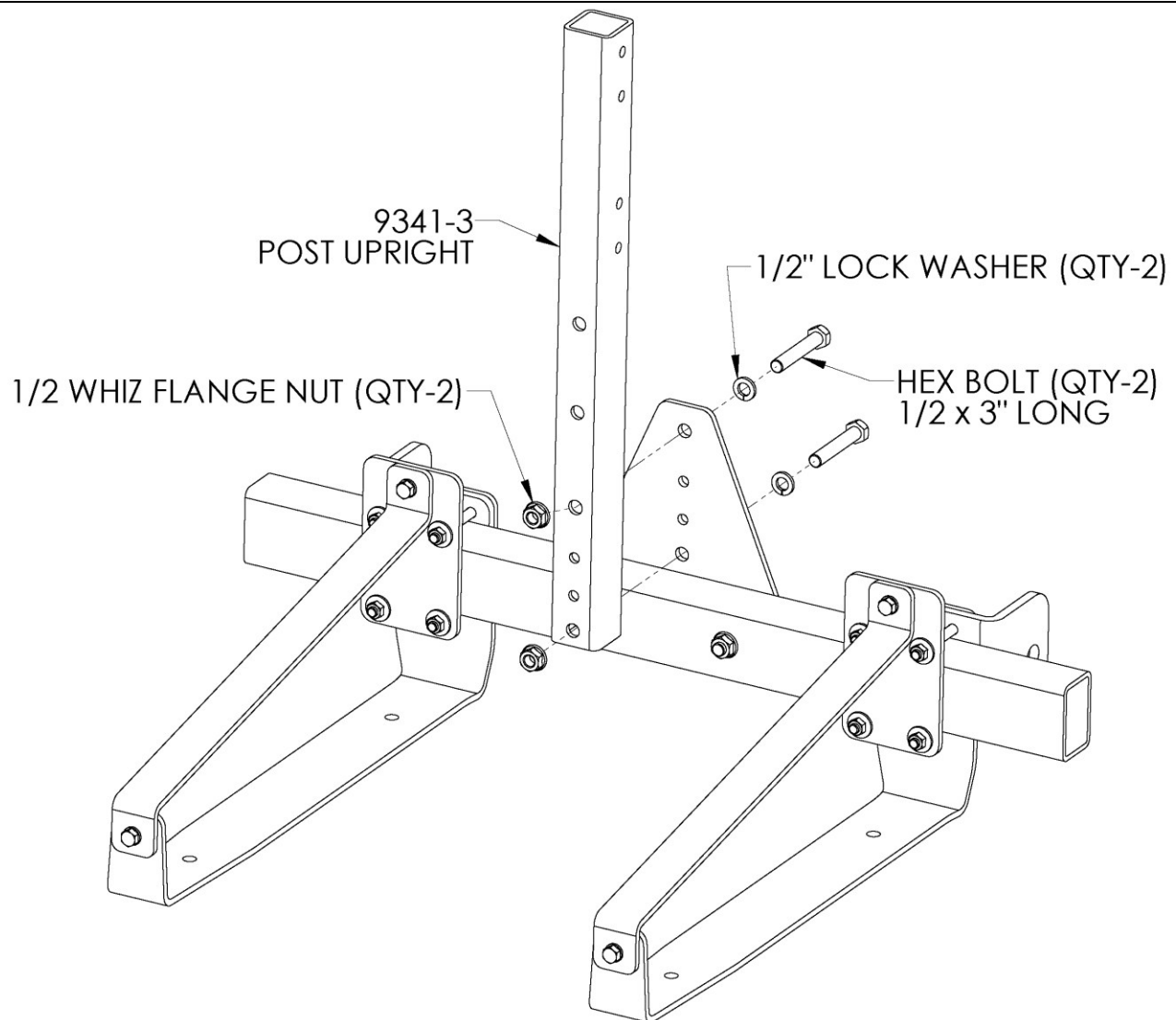
5. **Do not tighten hardware at this stage.** Final tightening will be completed in the next step.



9345-A-5 (0/23/25)

Step 9 - Post Upright Installation

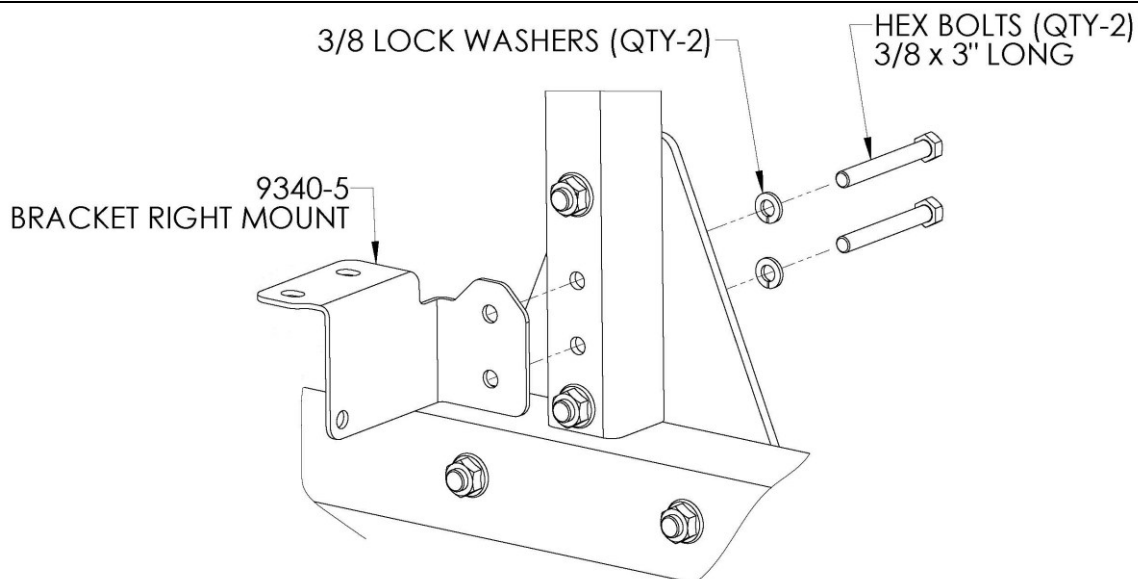
1. Locate the following parts:
 - Part #9341-3 (Post Upright)
 - Two (2) 1/2" × 3" bolts
 - Two (2) 1/2" lock washers
 - Two (2) 1/2" whiz flange nuts
2. Place one 1/2" lock washer on each 1/2" × 3" bolt.
3. Position part #9341-3 (Post Upright) on the plate as shown in the diagram.
4. Insert the bolts with lock washers through the assembly and secure with the 1/2" whiz flange nuts.
5. **Tighten all hardware from this step and Step 8 securely.**
6. **Tightening Instructions:**
 - Use a 3/4" wrench to hold the 1/2" whiz flange nuts in place.
 - Tighten the bolt heads instead of the nuts to prevent stripping paint from the surface beneath.



9345-A-5 (9/23/25)

Step 10 - Bracket Right Mount Installation

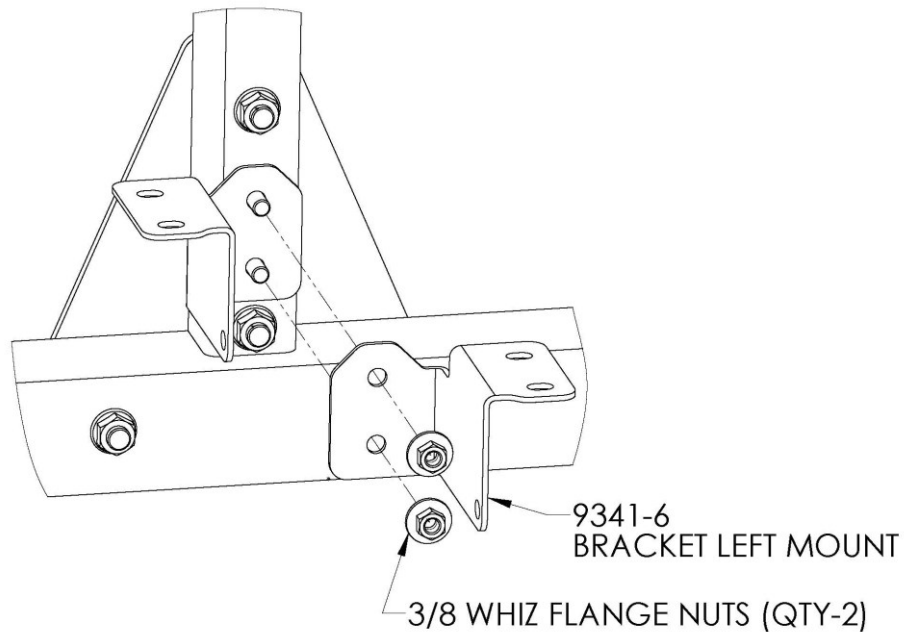
1. Locate the following parts:
 - Part #9340-5 (Bracket Right Mount)
 - Two (2) 3/8" × 3" bolts
 - Two (2) 3/8" lock washers
2. Place one 3/8" lock washer on each 3/8" × 3" bolt.
3. Insert the bolts with lock washers through the plate and tube as shown in the diagram.
4. Position part #9340-5 (Bracket Right Mount) over the bolts.
5. **Do not tighten hardware at this stage.** Final tightening will be completed in a later step.



9345-A-5 (9/23/25)

Step 11 – Bracket Left Mount Installation

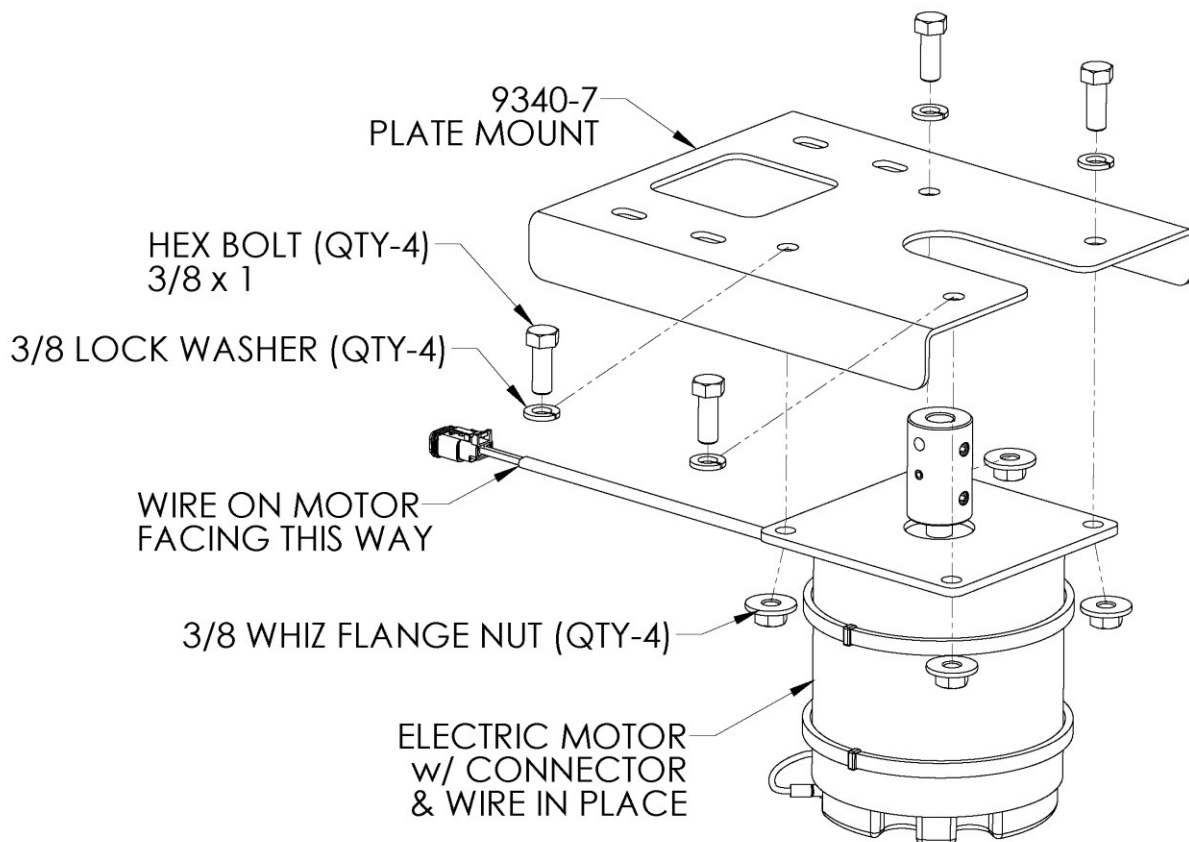
1. Locate the following parts:
 - Part #9340-6 (Bracket Left Mount)
 - Two (2) 3/8" whiz flange nuts
2. Position part #9340-6 (Bracket Left Mount) over the bolts extending from part #9340-5 (Bracket Right Mount), as shown in the diagram.
3. Install the two (2) 3/8" whiz flange nuts onto the bolts.
4. Tighten hardware securely.
5. **Tightening Instructions:**
 - Use a 9/16" wrench to hold the 3/8" whiz flange nuts in place.
 - Tighten the bolt heads instead of the nuts to prevent stripping paint from the surface beneath.



9345-A-5 (0/23/25)

Step 12 – Electric Motor Installation

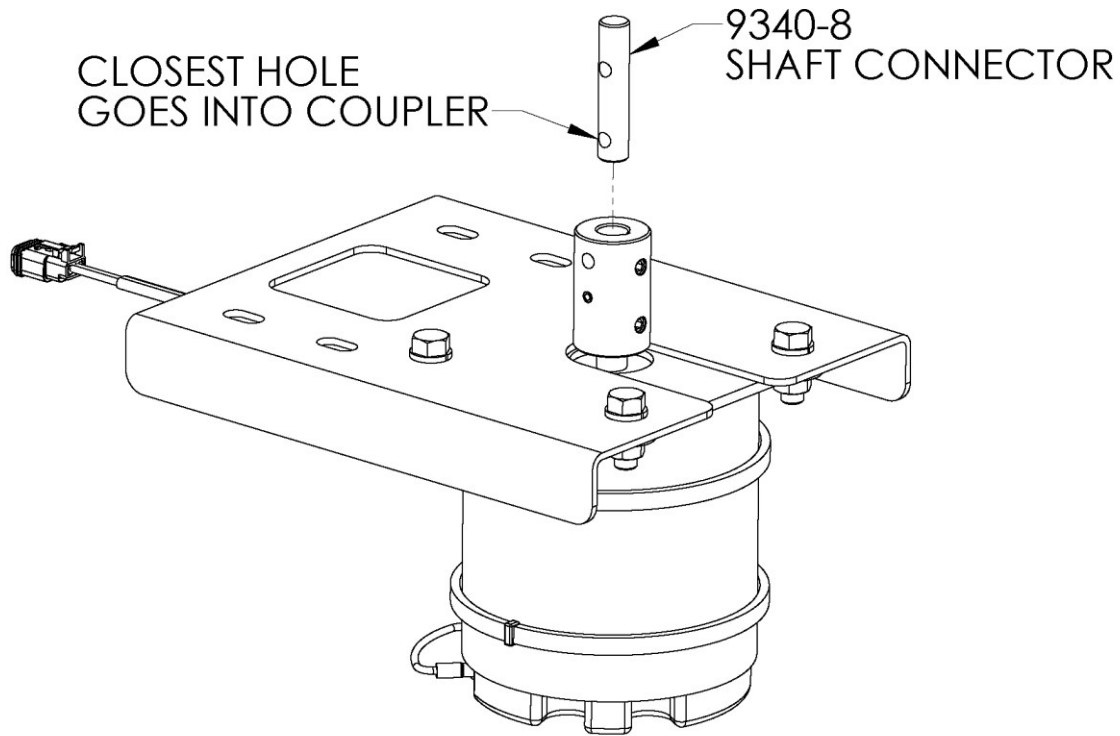
1. Locate the following parts:
 - Part #9340-7 (Plate Mount)
 - Part #L01-0012-225 (Electric Motor)
 - Four (4) 3/8" × 1" hex bolts
 - Four (4) 3/8" lock washers
 - Four (4) 3/8" whiz flange nuts
2. Place one 3/8" lock washer on each 3/8" × 1" hex bolt.
3. Position the electric motor part #L01-0012-225 onto part #9340-7 (Plate Mount) as shown in the diagram.
4. Ensure the motor wire is oriented in the direction indicated in the diagram.
5. Insert the bolts with lock washers through the motor and plate, then secure with the 3/8" whiz flange nuts.
6. Tighten hardware securely.
 - **Tightening Instructions:** Use a 9/16" wrench to hold the whiz flange nuts in place and tighten the bolt heads.



9340-A-3 (9/18/25)

Step 13 – Shaft Connector Installation

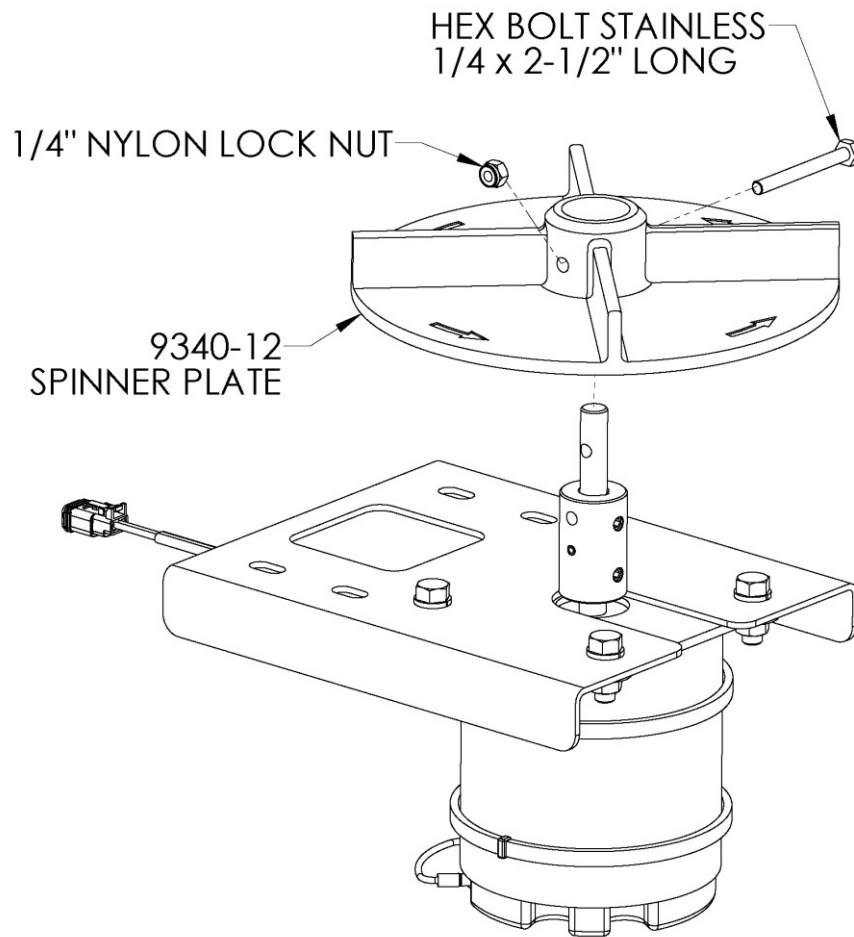
1. Locate the following part:
 - Part #9340-8 (Shaft Connector)
2. Apply a light coat of anti-seize compound or grease either to part #9340-8 (Shaft Connector) or to the inside of the coupler installed in the previous step.
3. Insert the #9340-8 shaft into the coupler as shown in the diagram.
4. Ensure the shaft is fully seated before proceeding to the next step.



9340-A-3 (0/18/25)

Step 14 – Spinner Plate Installation

1. Locate the following parts:
 - Part #9340-12 (Spinner Plate)
 - One (1) 1/4" × 2-1/2" stainless steel bolt
 - One (1) 1/4" nylon lock nut
2. Slide part #9340-12 (Spinner Plate) down over the coupler and shaft installed in the previous steps.
3. Align the holes in the spinner plate, coupler, and shaft.
4. Insert the 1/4" × 2-1/2" stainless steel bolt through all aligned holes.
5. Install the 1/4" nylon lock nut onto the bolt.
6. **Do not tighten hardware at this stage.** Final tightening will be completed in a later step.



9340-A-3 (9/18/20)

Step 15 – Bushing Installation

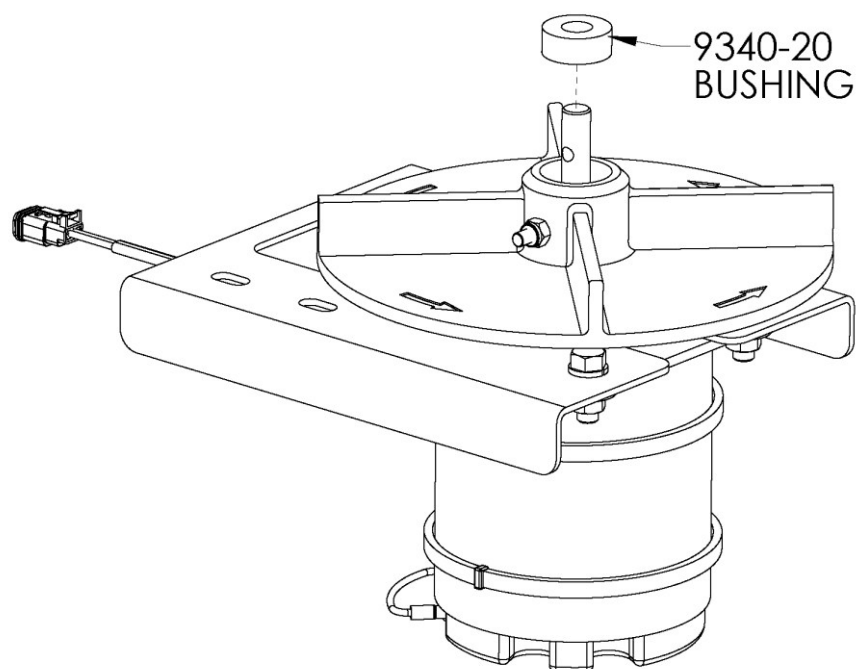
1. Locate the following part:

- Part #9340-20 (Bushings)

2. Slide part #9340-20 (Bushings) down over the shaft and into the spinner plate, as shown in the diagram.

3. Tighten the nylon lock nut until the bolt head and nut just make contact with the spinner plate.

- **Do not overtighten**; the bushing must remain properly seated without compressing or binding the spinner plate.



9340-A-3 (9/18/25)

Step 16 – Electric Motor Assembly to Brackets

1. Locate the following hardware:

- Four (4) 3/8" × 1" hex bolts
- Four (4) 3/8" lock washers
- Four (4) 3/8" flat washers
- Four (4) 3/8" whiz flange nuts

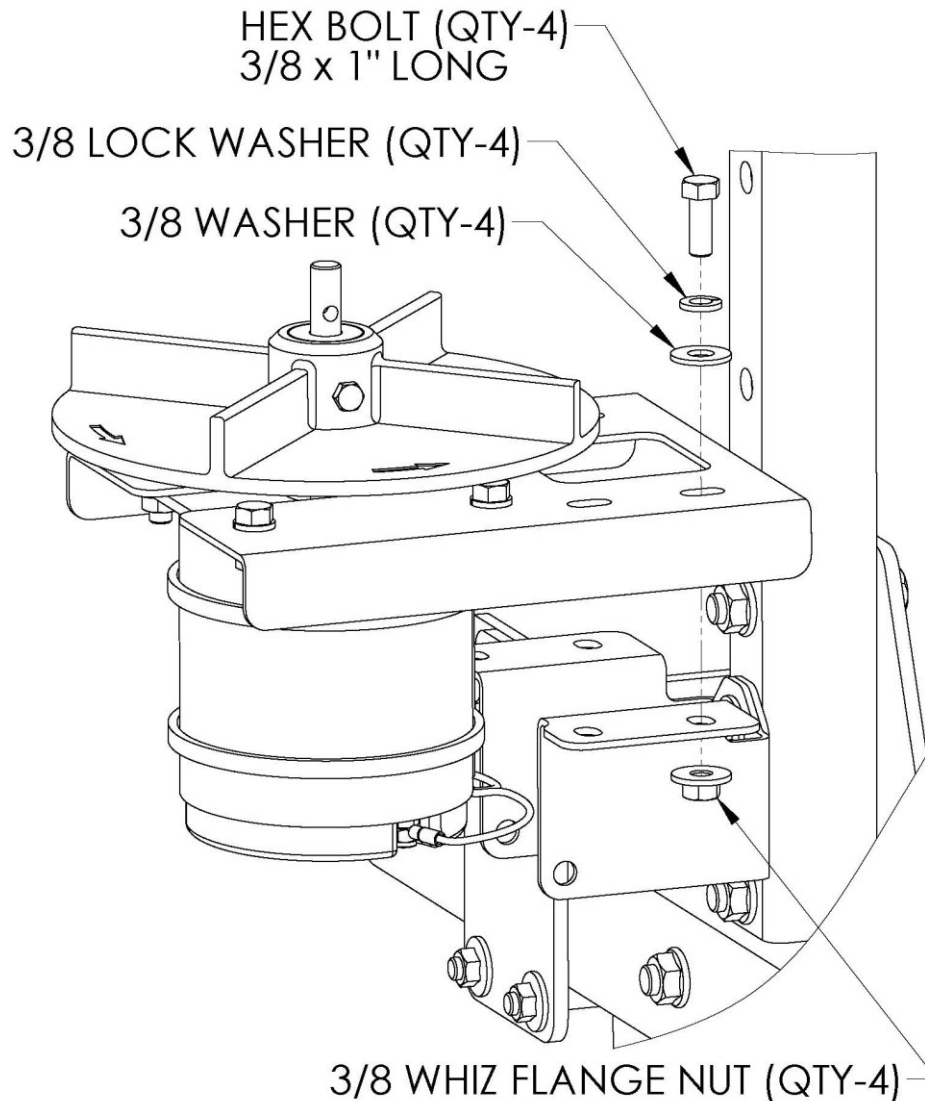
2. Position the previously assembled **Electric Motor** onto the **Left and Right Brackets** as shown in the diagram.

3. Insert the four (4) 3/8" × 1" hex bolts with lock washers and flat washers through the motor and brackets.

Secure loosely with the 3/8" whiz flange nuts. **Do not tighten at this stage.**

4. Install the three (3) remaining bolts, lock washers, flat washers, and whiz flange nuts in the locations shown.

5. **Only finger-tighten all hardware.** The electric motor will be adjusted in a later step before final tightening.



9345-A-6 (01/18/20)

Step 17 – Hopper Assembly Installation

1. Locate the following hardware:

- Two (2) 1/2" × 3" hex bolts
- Two (2) 1/2" lock washers
- Two (2) 1/2" whiz flange nuts

2. **Note: This step is easier with two people.**

3. **With assistance**, hold the **9340-A Hopper Assembly** against the upright tube as shown in the diagram.

4. Insert one (1) 1/2" × 3" hex bolt with lock washer through the top hole in the upright tube and through the top hole on the hopper assembly mount plate.

5. Install one (1) 1/2" whiz flange nut to secure the hopper assembly in place.

6. Insert the second 1/2" × 3" hex bolt with lock washer through the lower hole in the upright tube and hopper mount plate.

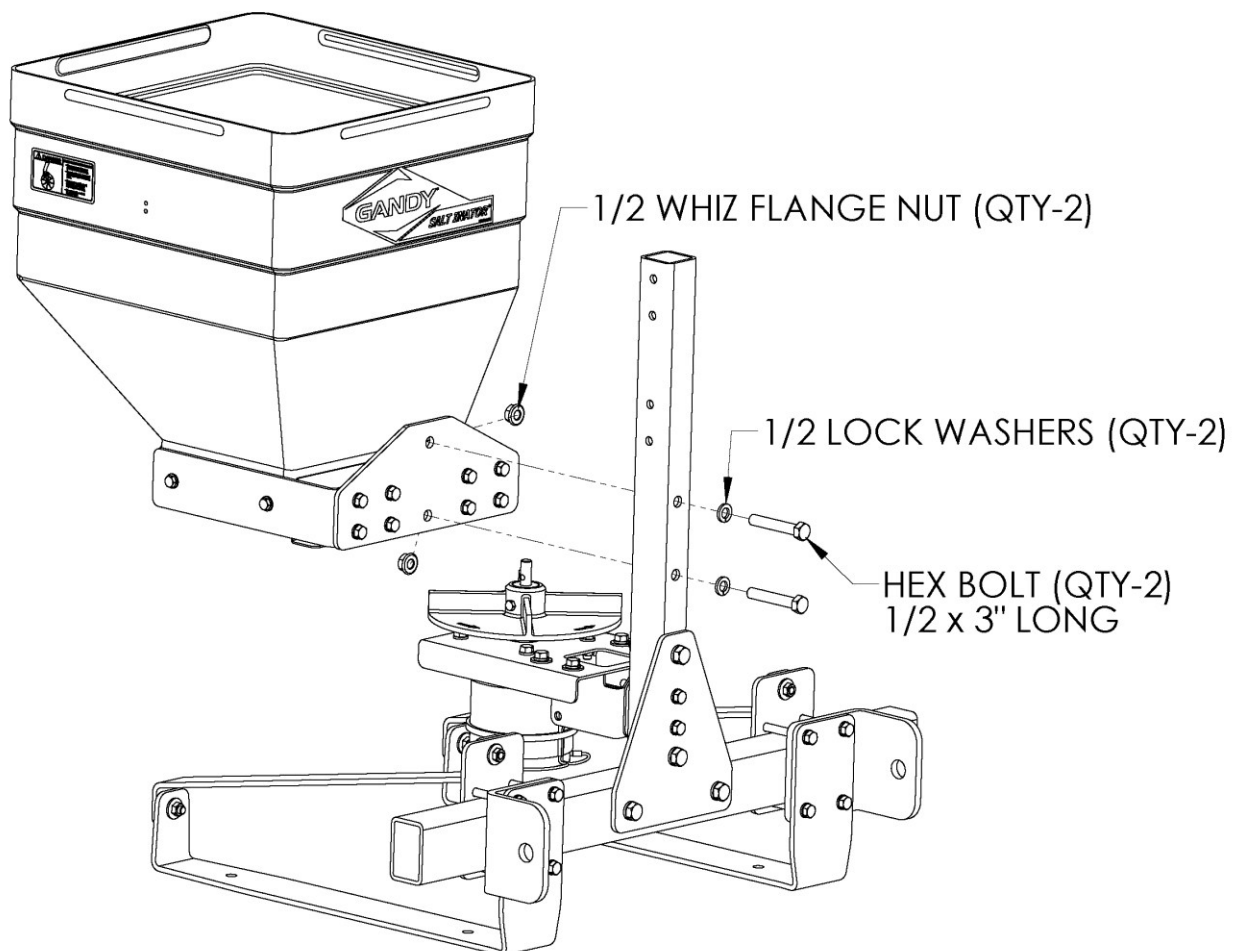
7. Install the second 1/2" whiz flange nut.

8. Tighten all hardware securely.

Tightening Instructions:

Use a 3/4" wrench to hold the 1/2" whiz flange nuts in place.

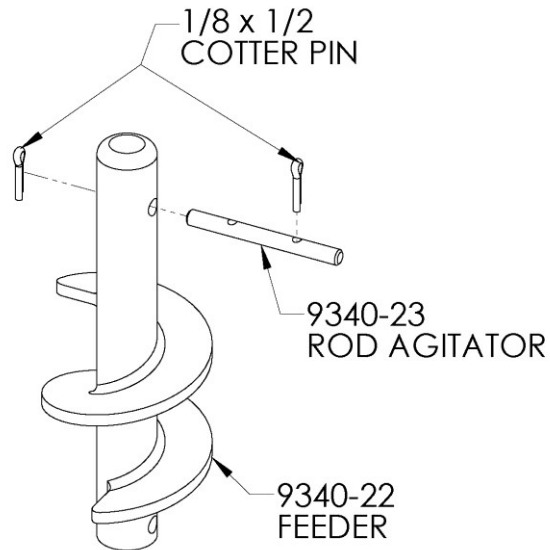
Tighten the bolt heads instead of the nuts to prevent stripping paint from the surface beneath.



9345-A-7 (9/18/25)

Step 18 – Rod Agitator Installation

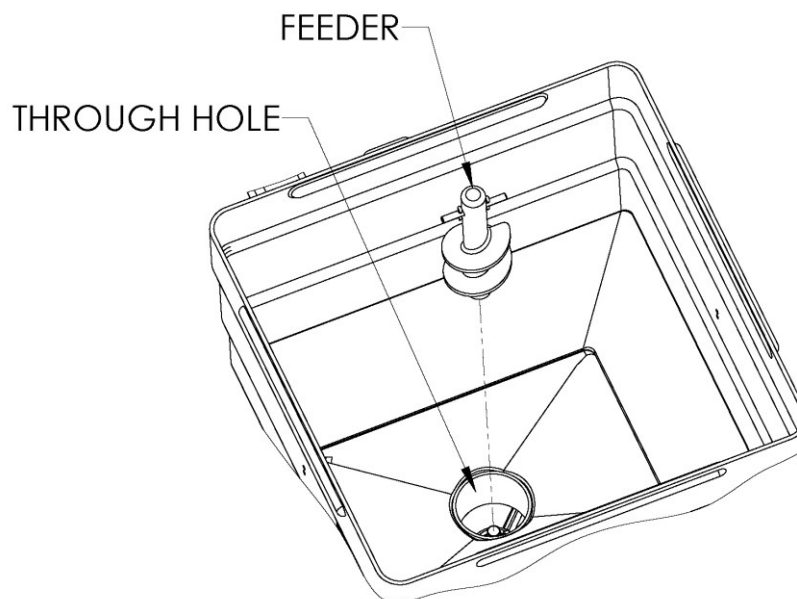
1. Locate the following parts:
 - Two (2) 1/8" × 1/2" cotter pins
 - Part #9340-22 (Feeder)
 - Part #9340-23 (Rod Agitator)
2. Position part #9340-23 (Rod Agitator) onto part #9340-22 (Feeder) as shown in the diagram.
3. Insert the two (2) 1/8" × 1/2" cotter pins through the designated holes to secure the rod agitator in place.
4. **Note: Bend the cotter pins only far enough to prevent them from falling out.**
Excessive bending is not required and may make future disassembly more difficult.



9340-A-7 (9/18/25)

Step 19 – Feeder Installation

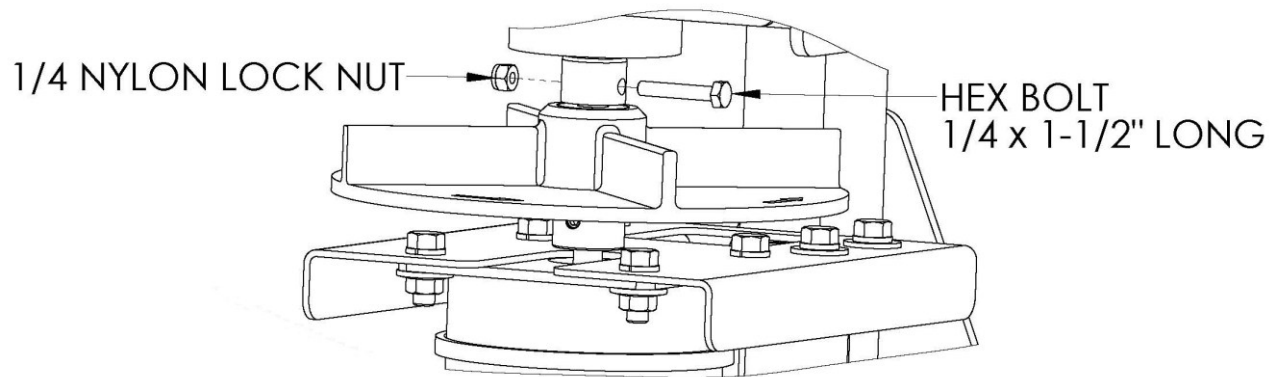
1. Take the Feeder assembly (from Step 18).
2. Insert the Feeder Assembly down through the hopper and through the hole at the bottom of the hopper.
3. Position the Feeder Assembly over the rod located above the Spinner Plate, as shown in the diagram.
4. Proceed to the next step.



9340-A-8 (9/18/25)

Step 20 – Feeder Attachment to Shaft

1. Locate the following hardware:
 - One (1) 1/4" × 1-1/2" stainless steel hex bolt
 - One (1) 1/4" nylon lock nut
2. Position the feeder onto the shaft above the spinner plate, as shown in the diagram.
3. Insert the 1/4" × 1-1/2" stainless steel hex bolt through the feeder and shaft.
4. Install the 1/4" nylon lock nut onto the bolt.
5. Tighten the nylon lock nut only until the bolt head and nut just make contact with the feeder.
 - **Do not overtighten**; the feeder must remain free to operate without binding.



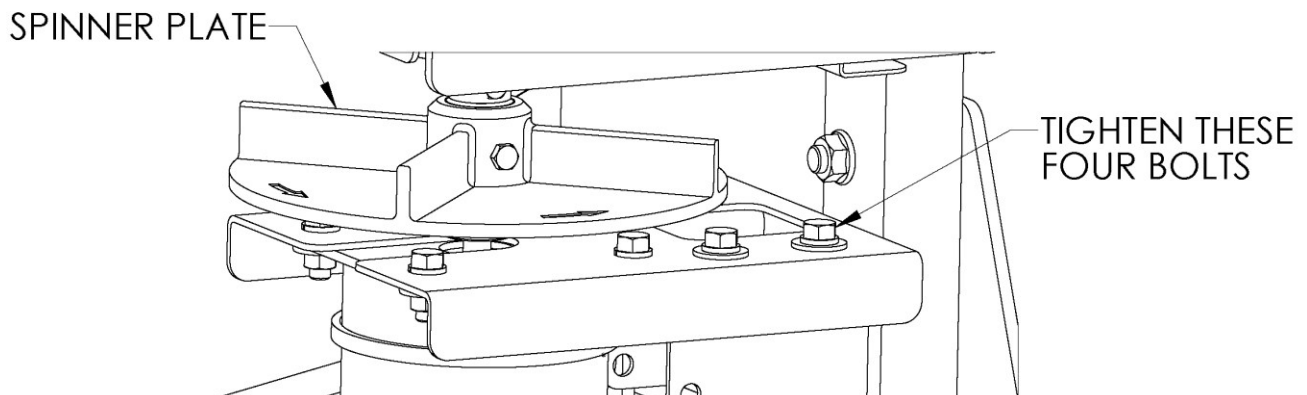
9345-A-8 (0/23/25)

Step 21 – Electric Motor Alignment and Final Tightening

1. Rotate the spinner plate by hand to check for free movement.
2. Adjust the electric motor position until the feeder (auger) spins freely without dragging on the inner tube in which the feeder is seated.
3. Once aligned, slowly tighten the four (4) bolts securing the electric motor in place.
4. While tightening, continue to spin the spinner plate by hand to ensure the feeder remains properly aligned and does not bind.
5. After confirming proper alignment, tighten all four bolts securely.

Tightening Instructions:

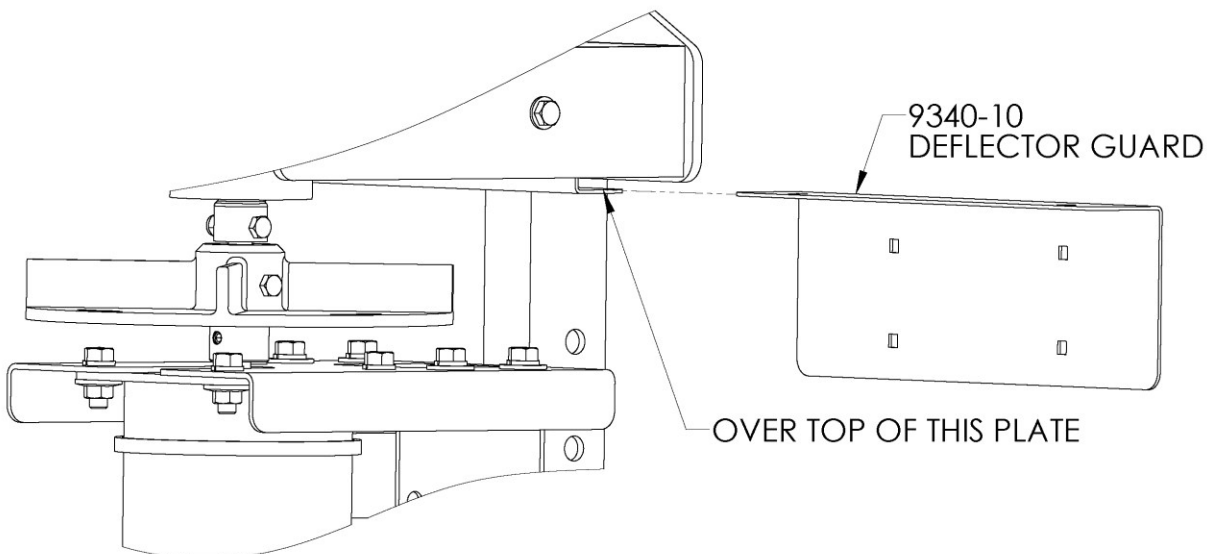
- Use a 9/16" wrench to hold the 3/8" whiz flange nuts in place.
- Tighten the bolt heads instead of the nuts to prevent stripping paint from the surface beneath.



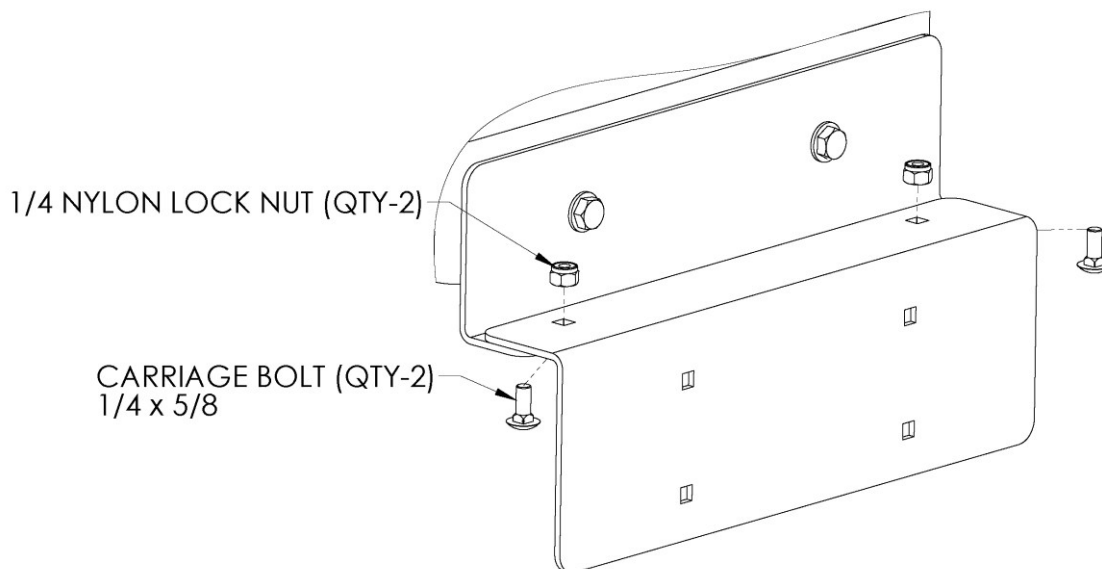
9345-A-8 (0/23/25)

Step 22 – Deflector Guard Installation

1. Locate the following parts:
 - Part #9340-10 (Deflector Guard)
 - Two (2) 1/4" × 5/8" carriage bolts
 - Two (2) 1/4" nylon lock nuts
2. Slide part #9340-10 (Deflector Guard) over the top of the plate as shown in the diagram.
3. Insert the two (2) 1/4" × 5/8" carriage bolts through the aligned holes.
4. Secure the bolts with the two (2) 1/4" nylon lock nuts.
5. **Tighten both fasteners securely.**



9345-A-9 (9/18/25)



9340-A-10 (9/18/25)

Step 23 – Deflector Side Plate Installation

1. Locate the following parts:

- Two (2) part #9340-11 (Deflector Side Plates)
- Four (4) 1/4" × 5/8" carriage bolts
- Four (4) 1/4" nylon lock nuts

2. Position the first **9340-11 Deflector Side Plate** onto the **9340-10 Deflector Guard** (installed in Step 22).

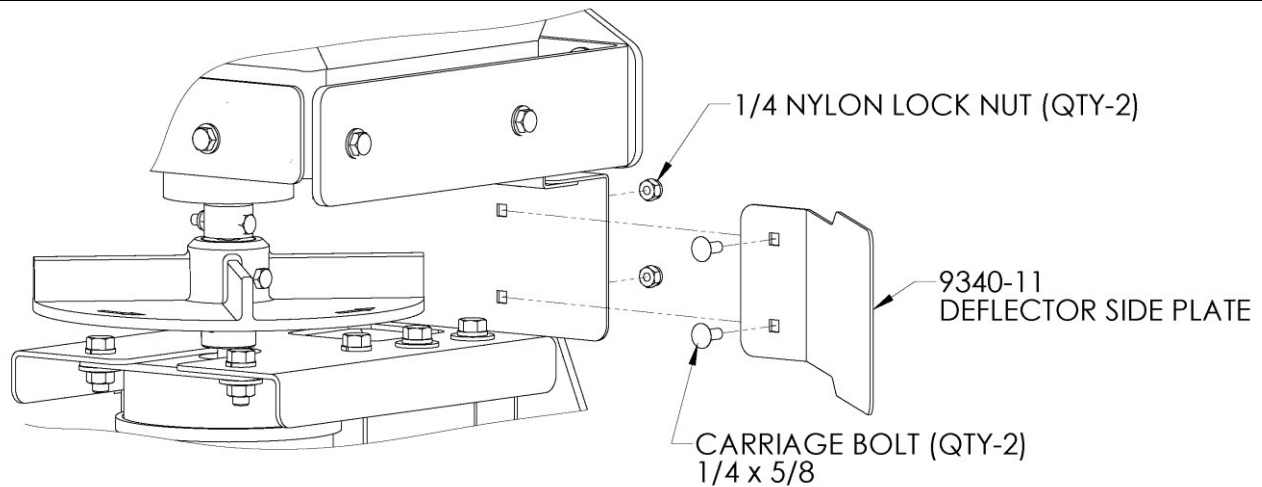
3. Insert two (2) 1/4" × 5/8" carriage bolts through the aligned holes and secure with two (2) 1/4" nylon lock nuts.

4. **Tighten both nuts securely.**

5. Repeat the process on the opposite side:

• Install the second **9340-11 Deflector Side Plate** using the remaining two (2) carriage bolts and two (2) nylon lock nuts.

- **Tighten both nuts securely.**



9345-A-9 (8/23/20)

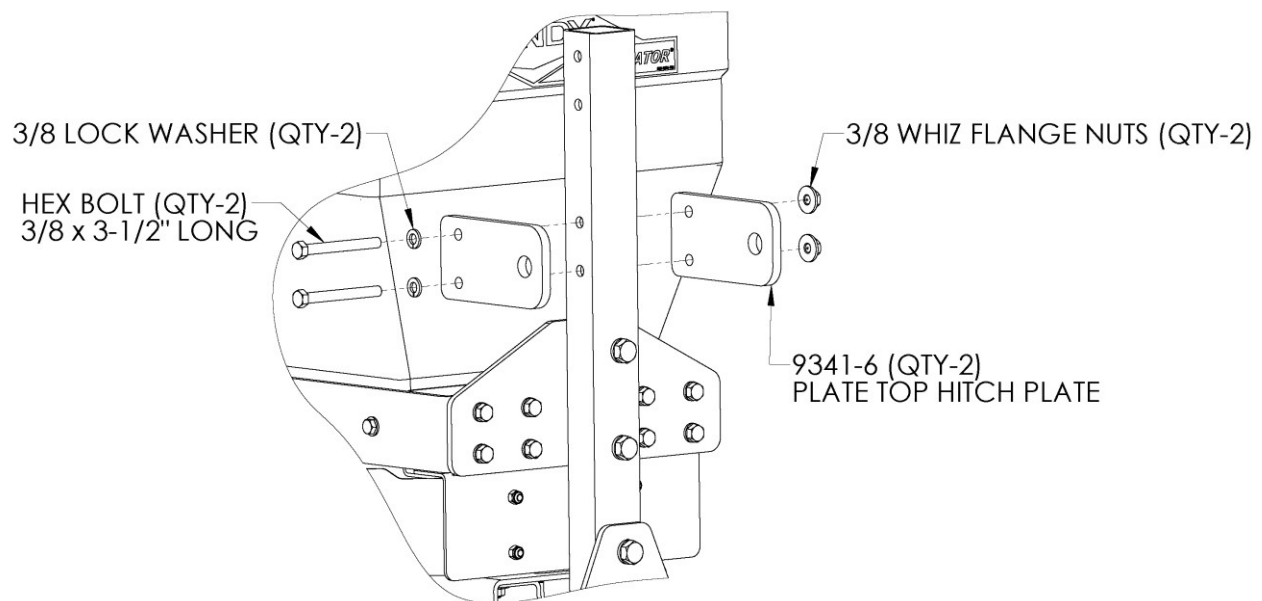
Step 24 – Top Hitch Plate Installation

1. Locate the following parts:
 - Two (2) part #9341-6 (Plate Top Hitch)
 - Two (2) 3/8" × 3-1/2" hex bolts
 - Two (2) 3/8" lock washers
 - Two (2) 3/8" whiz flange nuts
2. Position the two **9341-6 Top Hitch Plates** on the upright tube.
 - For CAT-1, 3-point hitch setup: Use the lower set of holes in the upright tube.
 - For CAT-2, 3-point hitch setup: Use the upper set of holes in the upright tube.
3. Insert the 3/8" × 3-1/2" hex bolts with lock washers through the plates and upright tube.
4. Secure with the 3/8" whiz flange nuts.
5. **Tighten both nuts securely.**

Tightening Instructions:

Use a 9/16" wrench to hold the whiz flange nuts in place.

Tighten the bolt heads instead of the nuts to prevent stripping paint from the surface beneath.



9345-A-9 (0/23/25)

Step 25 – Top Hitch Pin Installation

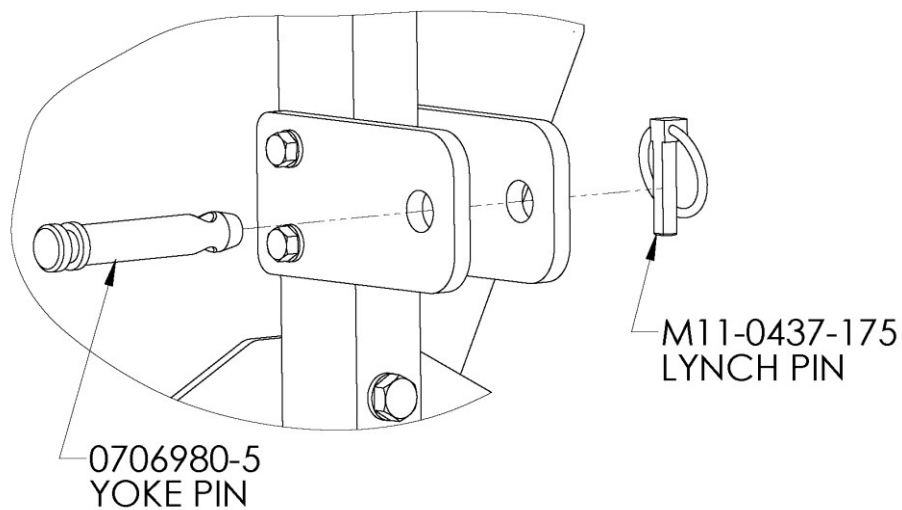
1. Locate the following parts:

- Part #0706980-5 (Yoke Pin / Top Hitch Pin)
- One (1) part #M11-0437-175 (Lynch Pin)

2. Slide the Yoke Pin through the aligned holes in the Top Hitch Plates (installed in Step 24).

3. Secure the Yoke Pin in place by installing the Lynch Pin as shown in the diagram.

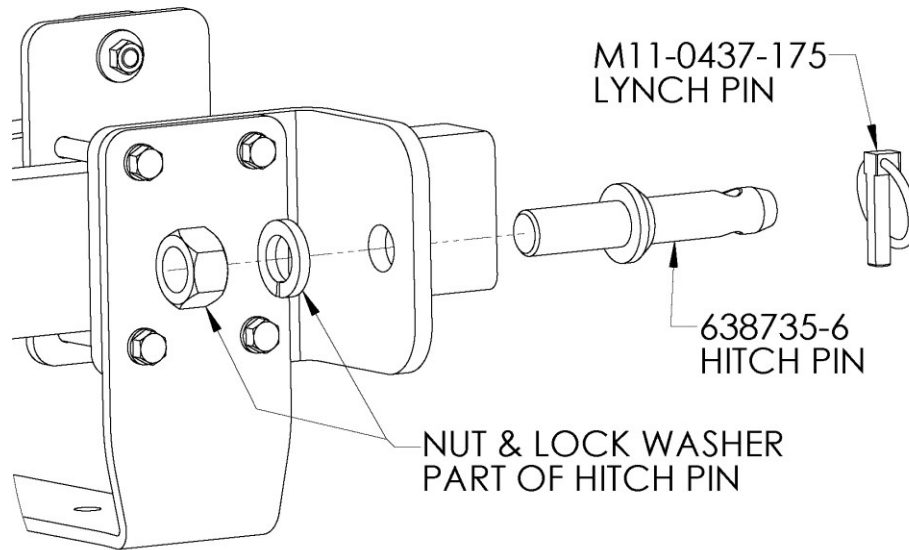
4. Ensure the Lynch Pin is fully engaged to prevent accidental disengagement during operation.



9345-A-9 (8/23/20)

Step 26 – Lower Hitch Pin Installation

1. Locate the following parts:
 - Two (2) part #638735-6 (Hitch Pins)
 - Two (2) part #M11-0437-175 (Lynch Pins)
2. For the first hitch pin:
 - Remove the nut and lock washer from the hitch pin.
 - Insert the hitch pin through the hitch plate as shown in the diagram.
 - Reinstall the lock washer and nut.
 - Tighten the nut securely.
 - **Tip: Use a large punch or Screwdriver inserted through the hitch pin hole to hold it while tightening nut.**
 - Install one (1) Lynch Pin to secure the hitch pin in place.
3. Repeat the same process for the second hitch pin on the opposite hitch plate.
4. Verify both hitch pins are tightened securely and Lynch Pins are fully engaged.



9345-A-9 (9/23/25)

Step 27 – Rubber Latch Installation

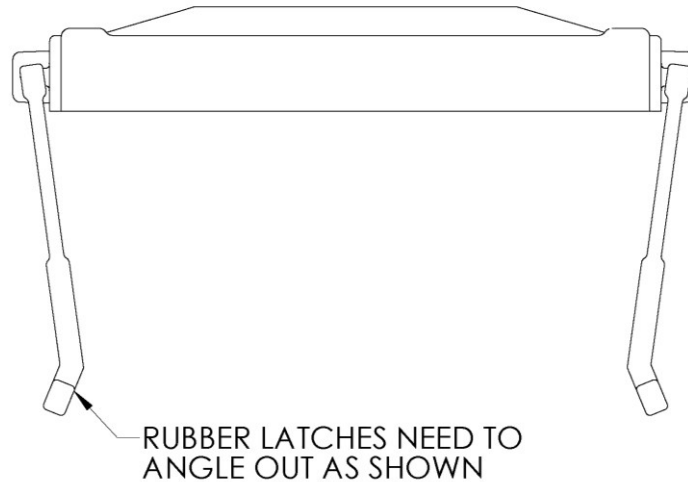
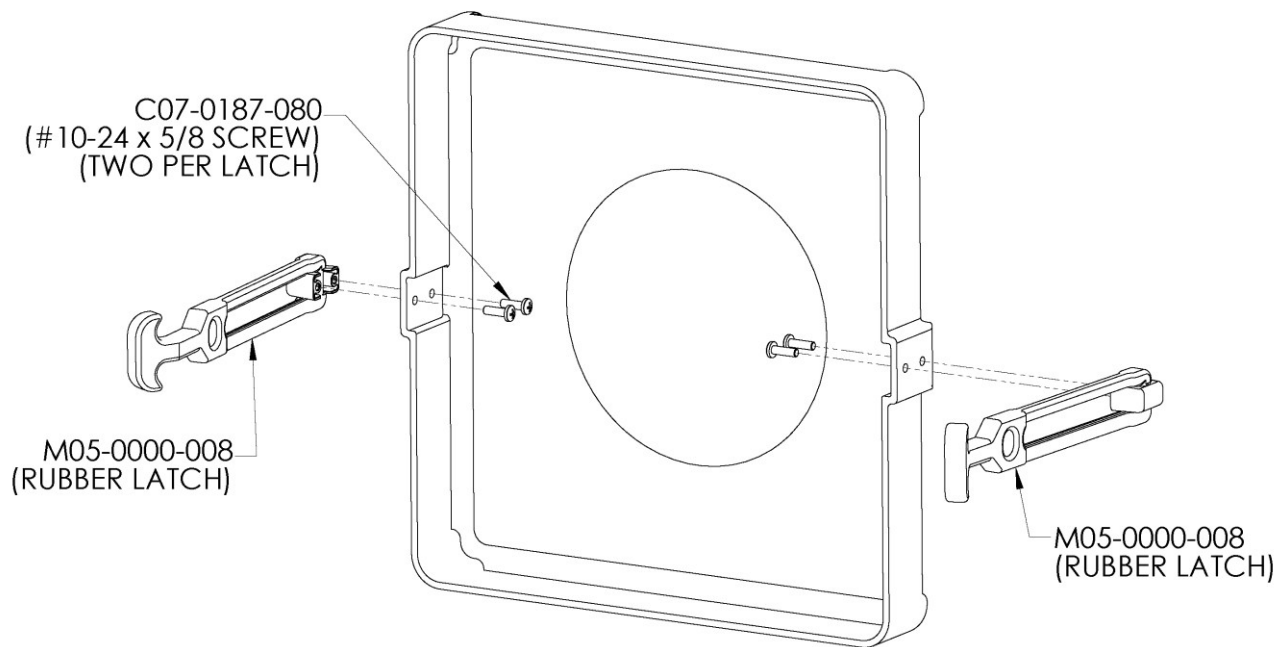
1. Locate the following parts:

- (4) Part #C07-0187-080 (#10-24 × 5/8" Phillips Screws)
- (2) Part #M05-0000-008 (Rubber Latches)

2. Position the two Rubber Latches over the holes on the side of the poly hopper cover as shown in the diagram.

3. Insert the #10-24 × 5/8" Phillips screws through the latch holes and into the hopper cover.

4. **Tighten all screws securely.**



P45-COVER-ASY (11/18)

Step 28 – Keeper Installation

1. Locate the following parts:

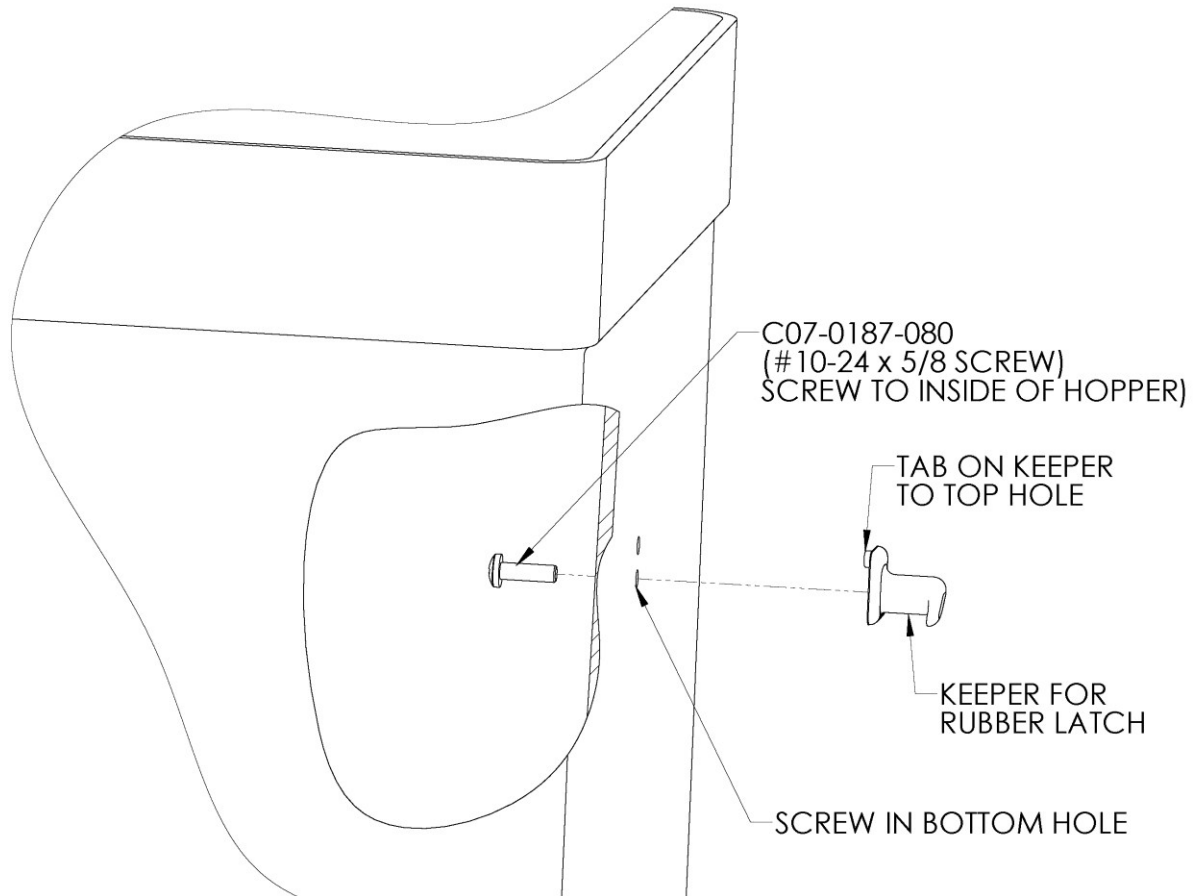
- Two (2) part #C07-0187-080 (#10-24 × 5/8" Phillips screws)
- Two (2) part #M05-0000-008 (Keepers)

2. Position the two Keepers over the pre-drilled holes on the side of the poly hopper, as shown in the diagram.

3. Insert one (1) #10-24 × 5/8" Phillips screw through each hole in the keeper, with the **screw heads positioned on the inside of the hopper**.

4. Secure each screw with the keeper in place.

5. **Tighten screws securely.**



P45-K-ASY (11/18)

Wiring Instructions

Reference:

- See page 6 for contents of the 9345-E Electrical Carton.
- See the page following these instructions for the wiring diagram.

***** Important: Please read all wiring instructions completely before beginning installation.**

Please read all instructions before starting to wire.

Step 1 – Controller Mounting Preparation

-Select a convenient location inside the cab for mounting the controller.
-The controller includes an adjustable mounting strap with pre-drilled holes.
-The strap is removable and reversible:
-Unscrew the plastic thumb nuts.
-Remove and flip the strap.
-Reinstall it on the bottom of the controller if desired.
-**Do not permanently mount the controller until all wiring has been routed.**

Step 2 – Power & Ground Wire Installation (Part #9343-20)

-The Power & Ground Wire includes a self-resetting 20-AMP circuit breaker with cover connected to the RED (+) power wire.
-Connect directly to a 12-Volt battery:
-RED (+) → Positive terminal
-BLACK (–) → Negative terminal
-**Installer Responsibility:** Ensure proper connection to a 12-Volt source.
-Route the Power & Ground Wire from the battery into the cab area and connect to the controller c.
-Leave a small amount of slack in the cord to allow for unplugging and movement.

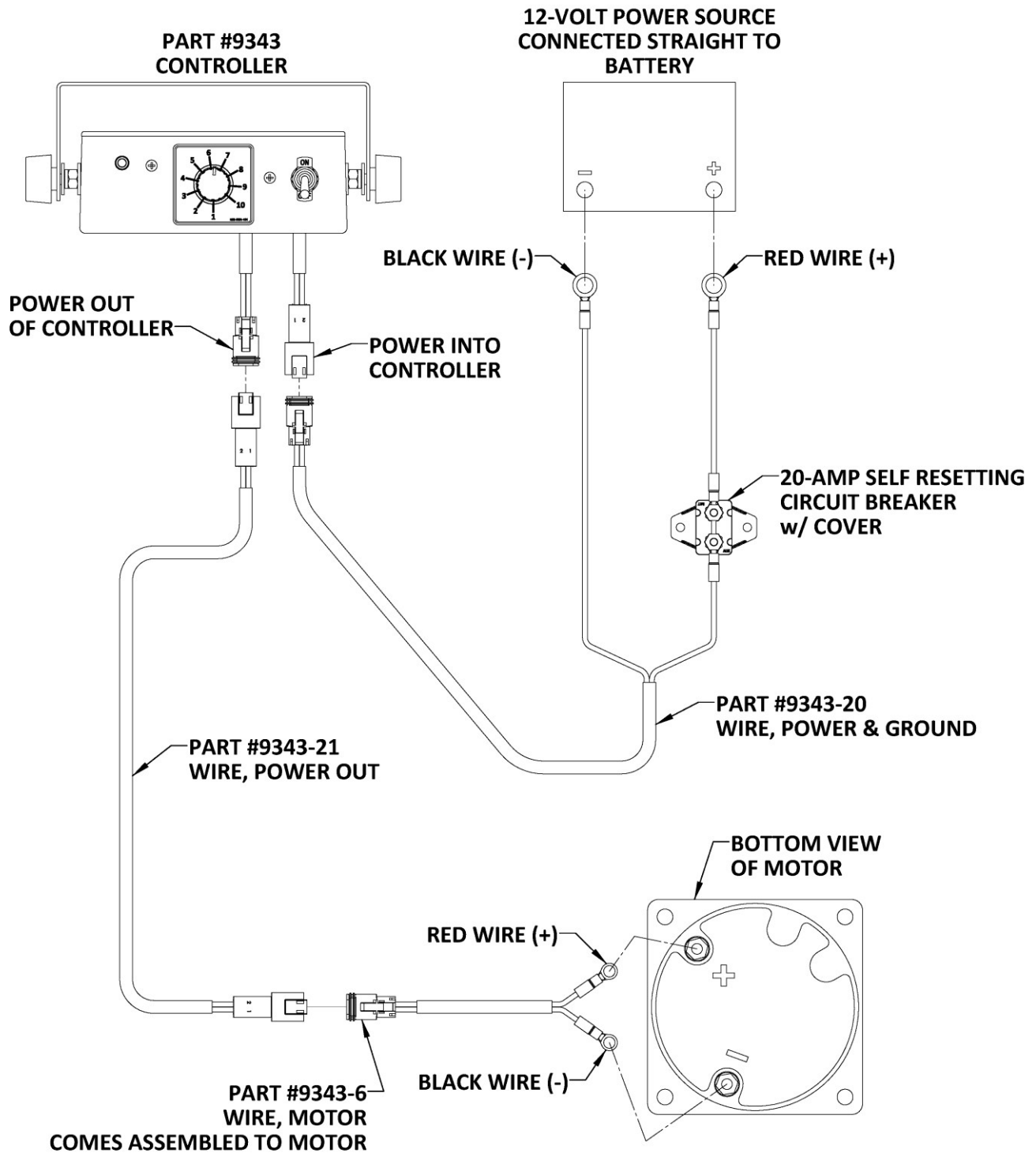
Step 3 – Power Out Wire Installation (Part #9343-21)

-Locate the Power Out Wire (12 feet long, plugs on both ends).
-Plug one end into the connector on the electric motor.
-Route the wire up into the cab area and connect the other end to the controller.
-Leave enough slack in the wire to prevent pinching or disconnection when raising or lowering the spreader.
-Once all wires are routed, secure them neatly in place using ty-raps (cable ties).

At this point, the controller, power, and motor wiring are routed and secured.

Final mounting of the controller can now be completed.

Wiring Diagram



9345-WD (10/18/25)

