



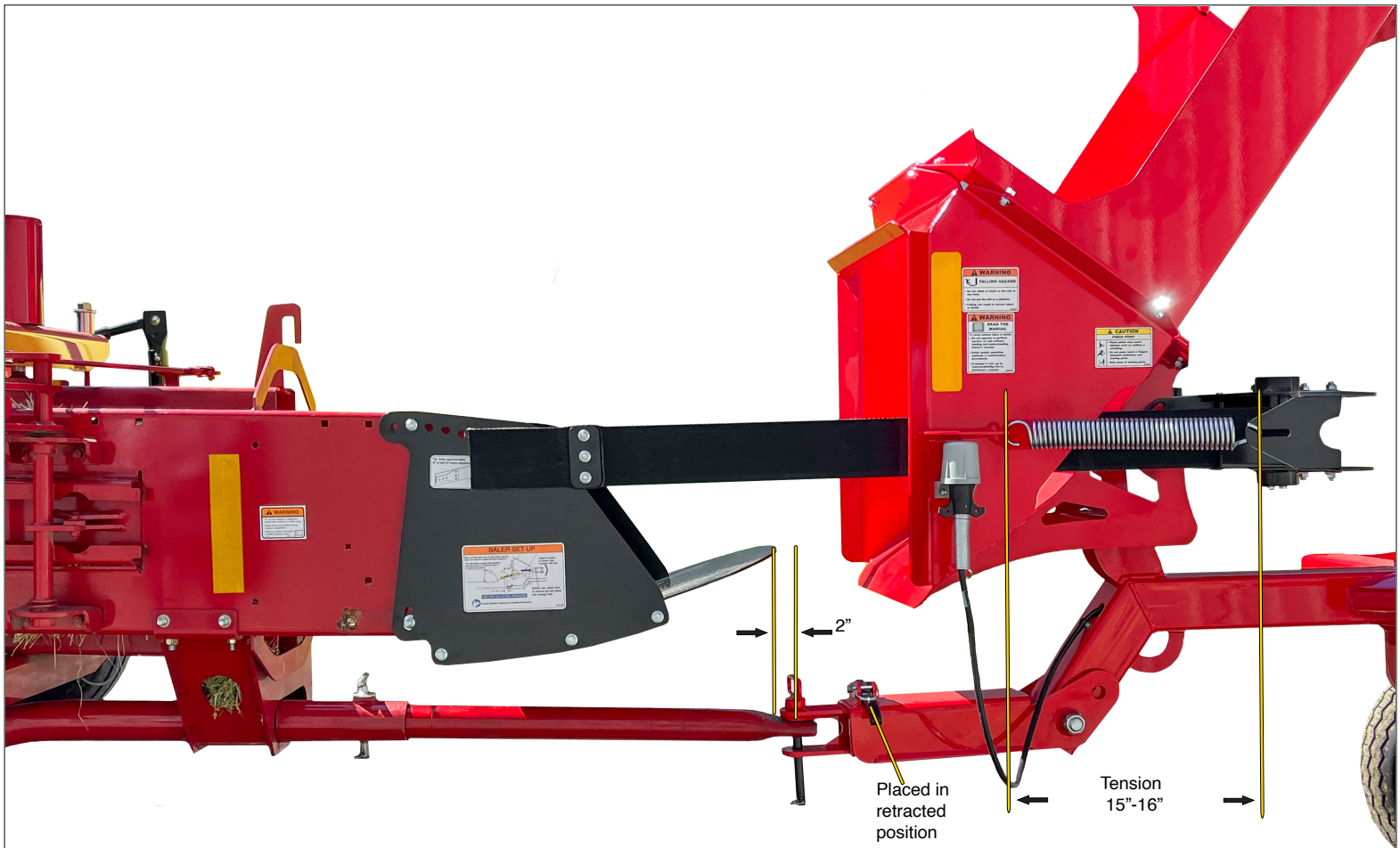
Instruction Guide for: Baler-Accumulator Hook Up

Proper baler hitch set up is essential to successful cornering with the Norden Hay Accumulator.

⚠ CAUTION

Use Caution when connecting the accumulator to the baler. The hay accumulator wheels should be securely chocked to avoid unwanted movement. Keep hands and feet clear of pinch points between the baler drawbar and hay accumulator.

*** SET UP ON LEVEL GROUND ***



Before you begin. . .

1. Remove chutes/mechanisms from back end of baler chamber.
2. If you are baling with an older New Holland Baler® with the hitch on the right hand side of the chamber you will need a centering hitch to hook up to the Norden Accumulator. Norden Mfg. offers a centering hitch (part #1008091) for this purpose.
3. John Deere® Baler hitch may need to be extended to meet the dimensions given in this instruction guide. Norden Mfg. Offers a special hitch extension (part #1009471).

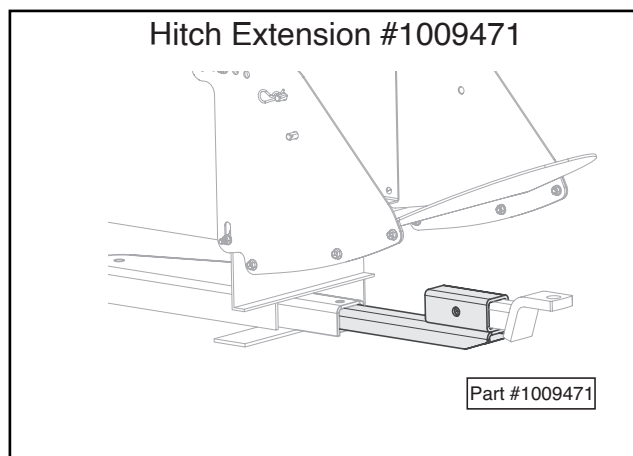
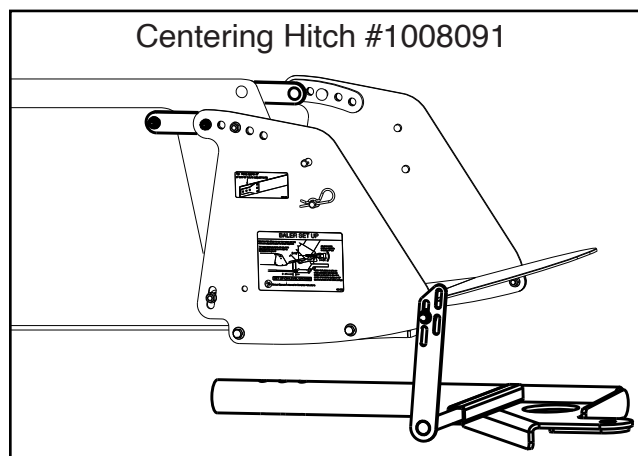
Refer to Norden Mfg. Hitch Guide for more information.

These parts can be ordered through your Dealer or by contacting Norden Mfg:

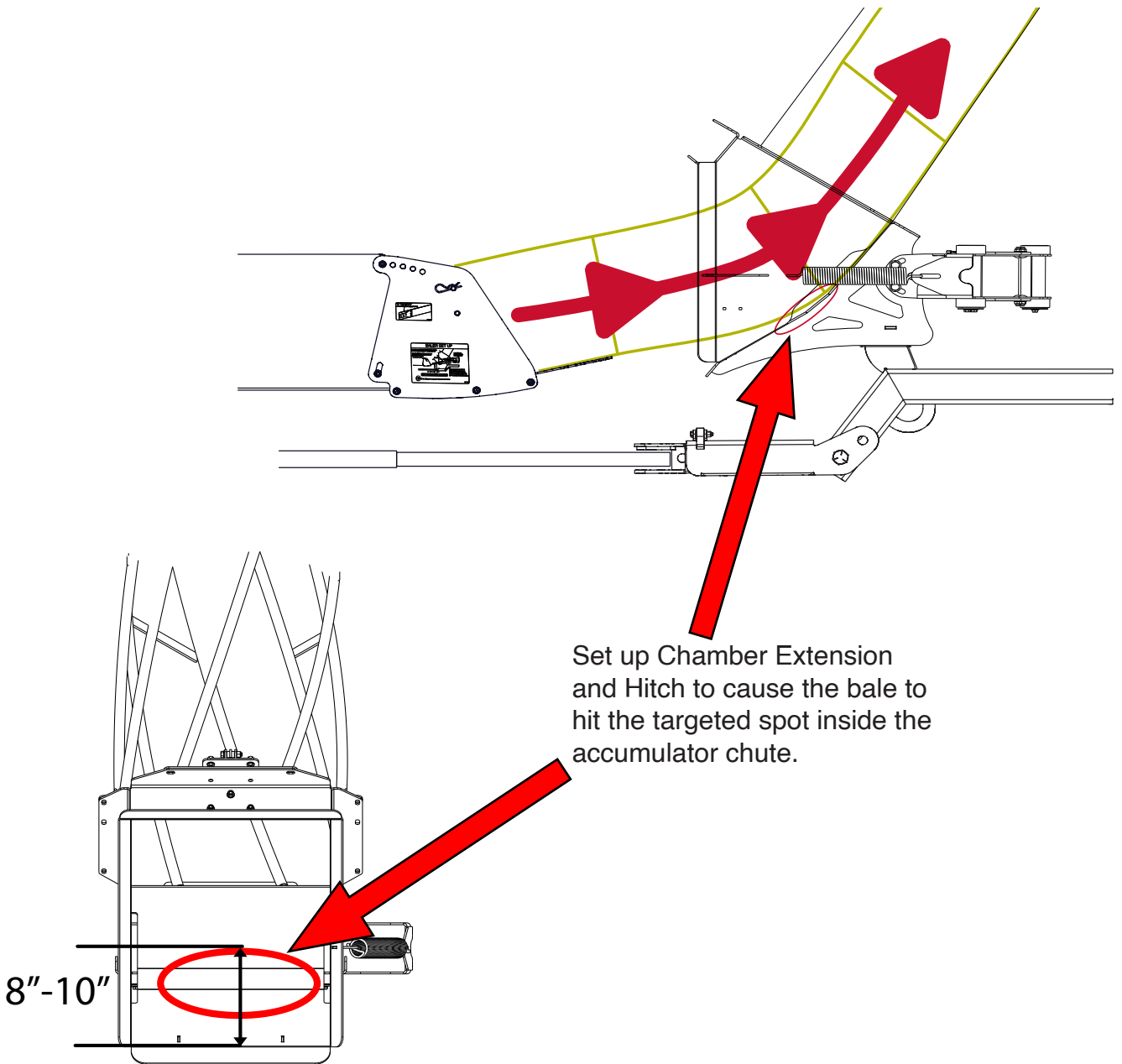
Phone: 877-296-5851

Fax: 440-693-4336

E-mail: parts@Nordenmfg.com

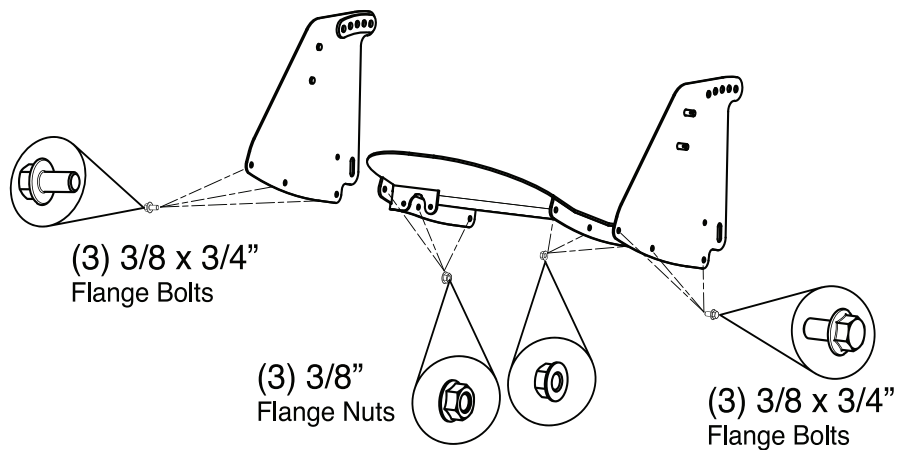


The goal is for hay bales to move in a continuous line that smoothly flows throughout the baler into the Accumulator Chute up into the bed of the Accumulator without any stops or jamming.



1. Chamber Extension Assembly (#1004451)

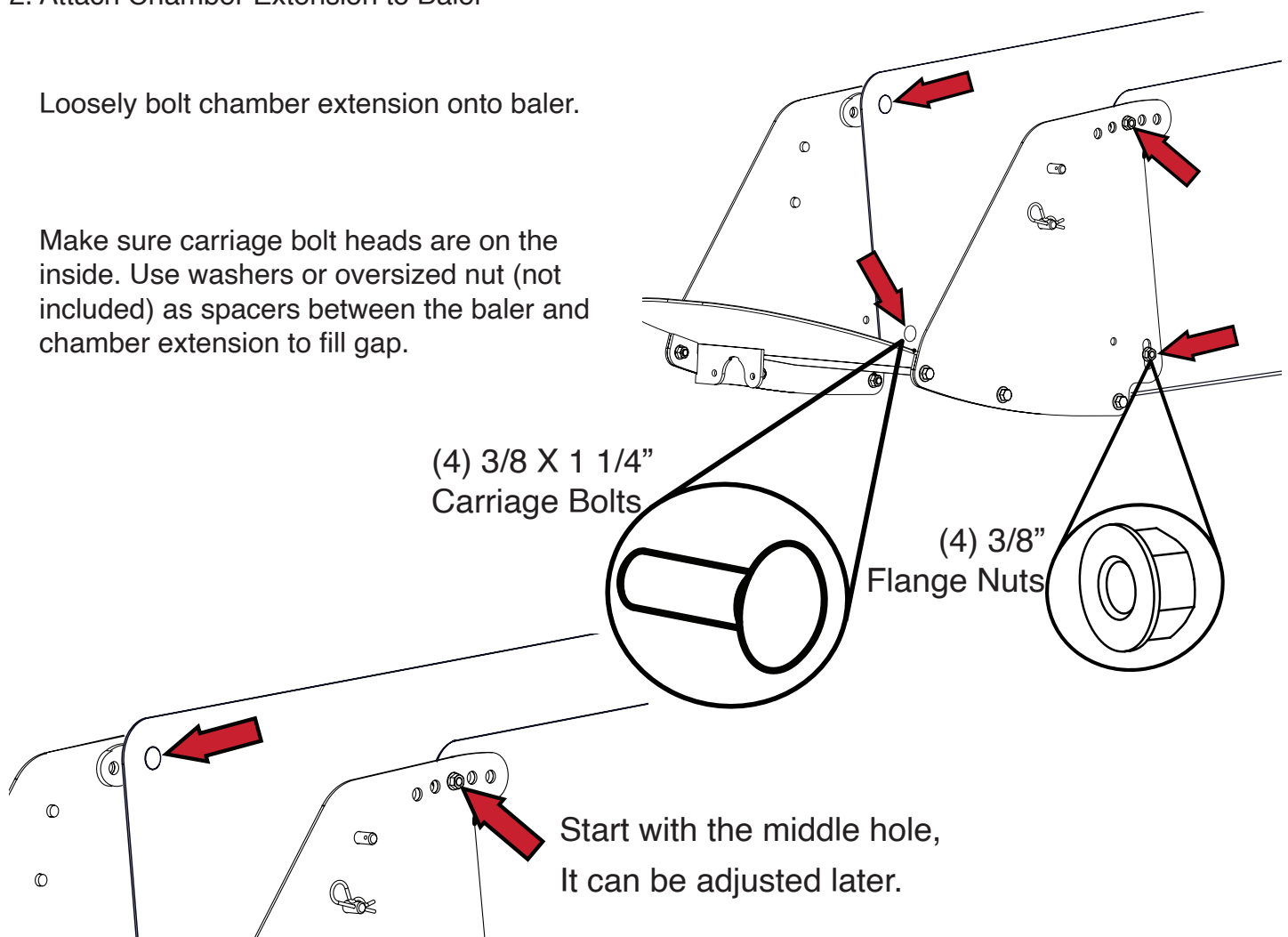
Bolt Chamber
Extension together



2. Attach Chamber Extension to Baler

Loosely bolt chamber extension onto baler.

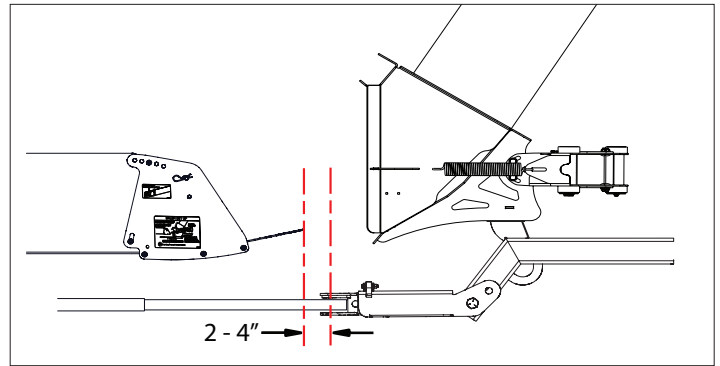
Make sure carriage bolt heads are on the inside. Use washers or oversized nut (not included) as spacers between the baler and chamber extension to fill gap.



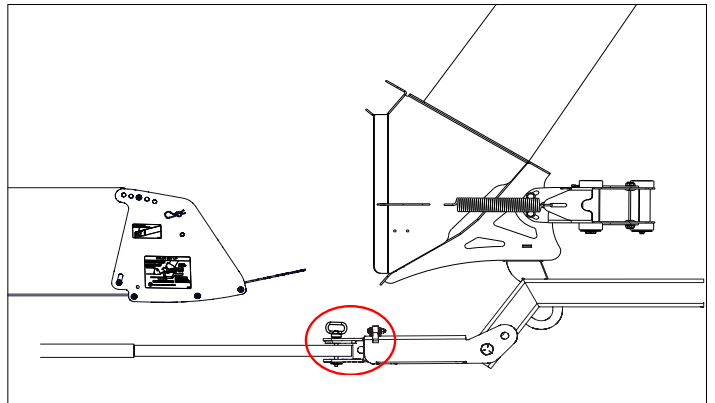
3. Attaching baler to accumulator.

Set the length of the baler hitch so that the hitch pin is 2 to 4" behind the tip of the chamber extension. If necessary, add a hitch length setting by drilling a hole in the drawbar.

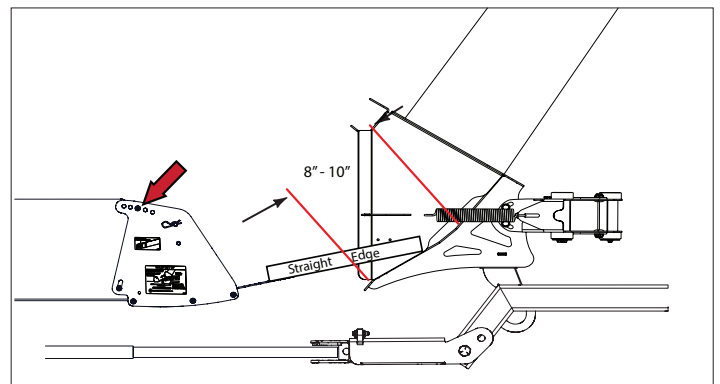
NOTE: If your accumulator is supplied with a winch on the upright, it can be used to help bring accumulator closer to the baler.



4. Insert hitch pin, place hitch in to retracted position.

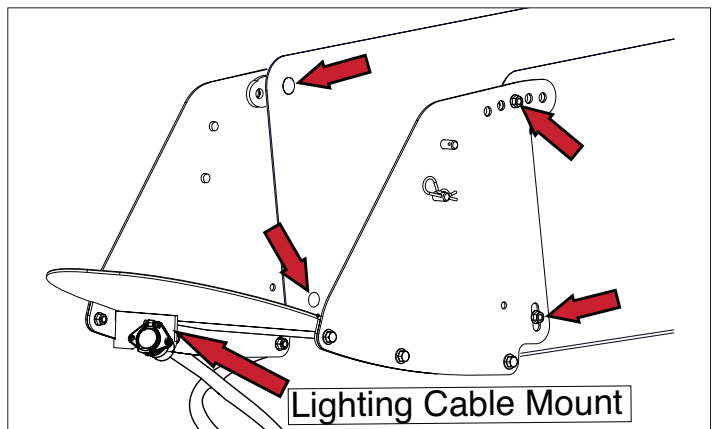


5. Select the hole that aligns the bottom plate of the bale chamber extension to a point 8-10" back from the base chute bottom edge as shown. This can be fine tuned later if needed to achieve optimum results.



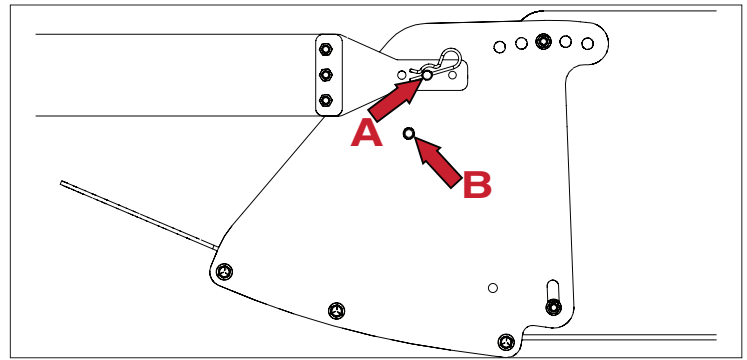
6. Tighten the four carriage bolts on the sides of the chamber extension first, then the six flange bolts on the bottom. Install Lighting Cable using 5/16" bolts, washers and nylock nuts.

Route the lighting cable through the baler in a path that avoids all moving parts.

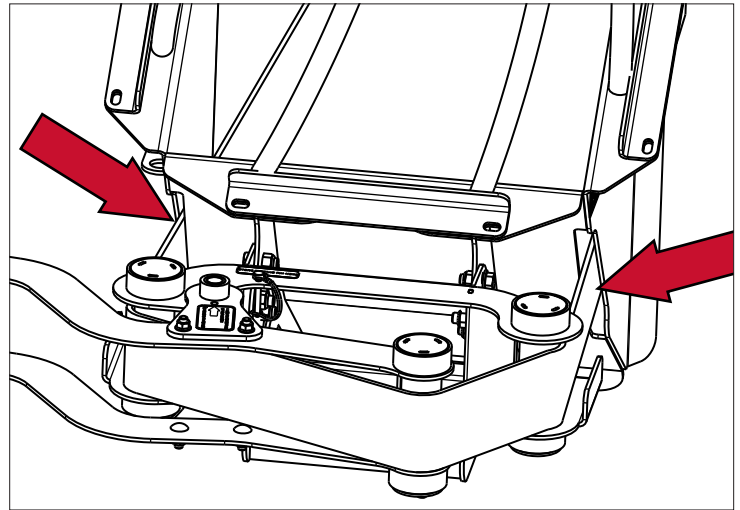


7. Fasten the installed belt plate to the pin on passenger side of the chamber extension. There are two pins (A) and (B); use the pin that makes the belt most nearly level.

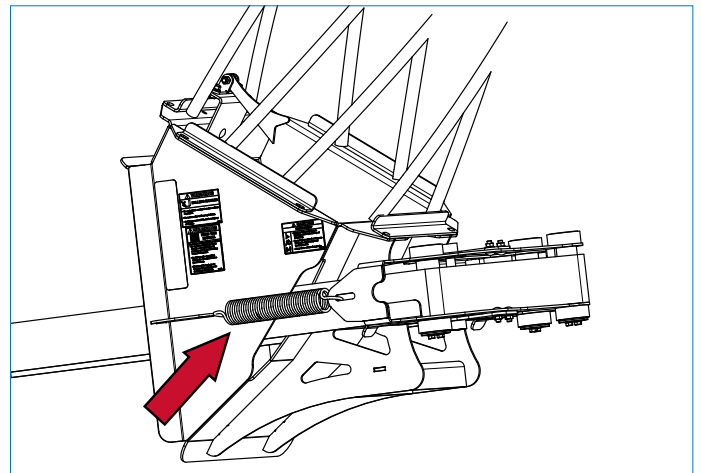
Note: Position the belt with the large belt plate next to the chamber extension.



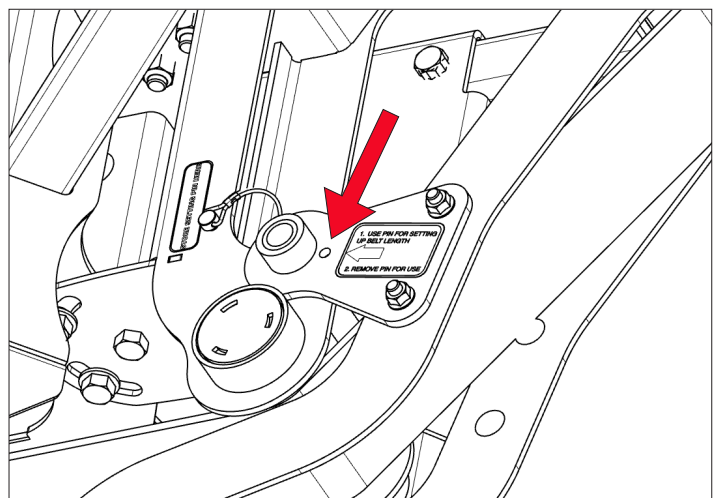
8. Route the belt through the slots in the base chute.



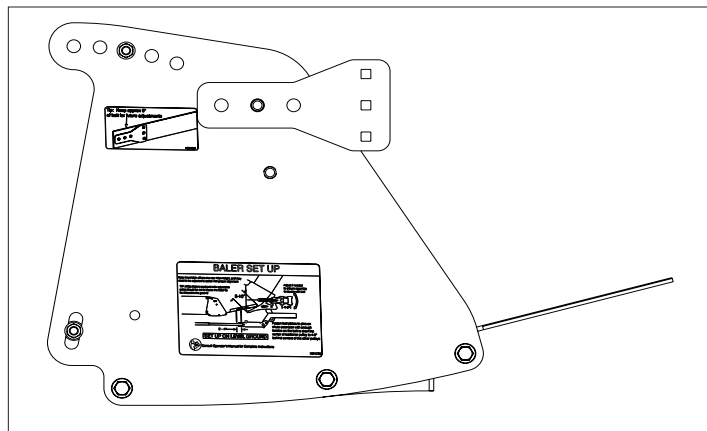
9. Unhook the tensioner spring.



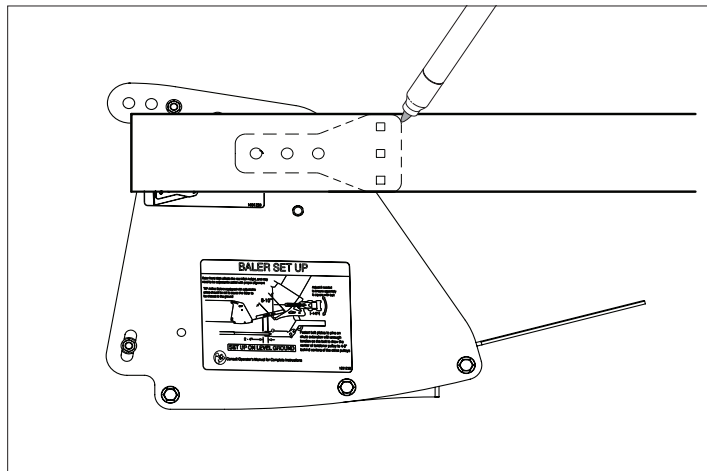
10. Place the pin in the setting up position.



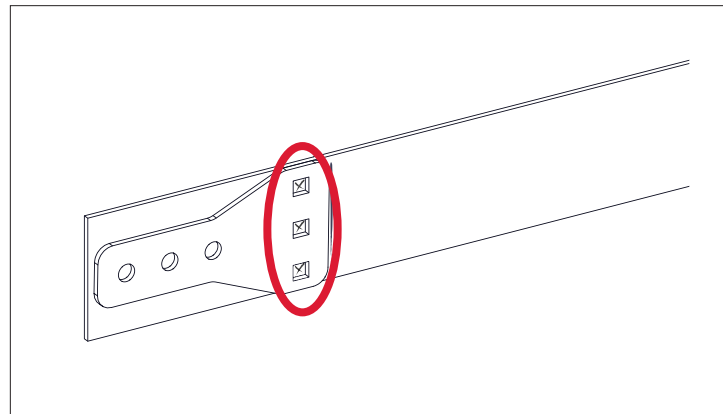
11. On the driver side, temporarily mount the large end plate on the appropriate pin using the same hole as the other side.



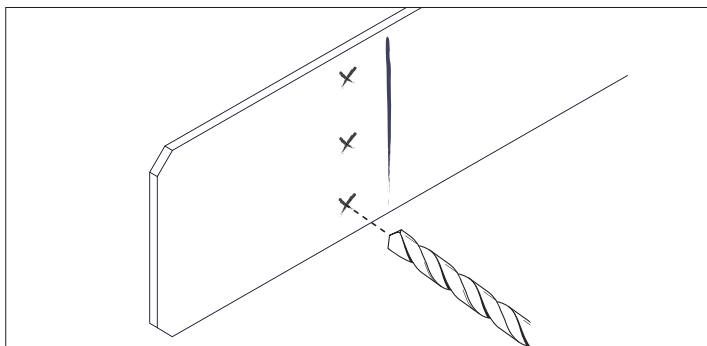
12. Hold the belt on the outside of the large end plate, pull the belt snug and mark a line on the belt even with the back end of the plate.



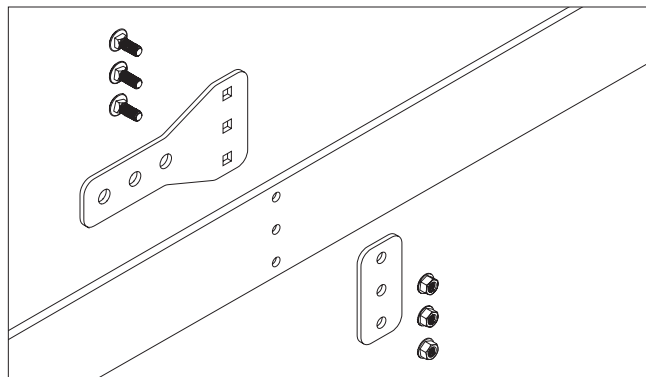
13. Place the belt on a flat surface. Remove the large end plate from the pin and place it on the belt with the back edge on the previously marked line. Mark the hole locations.



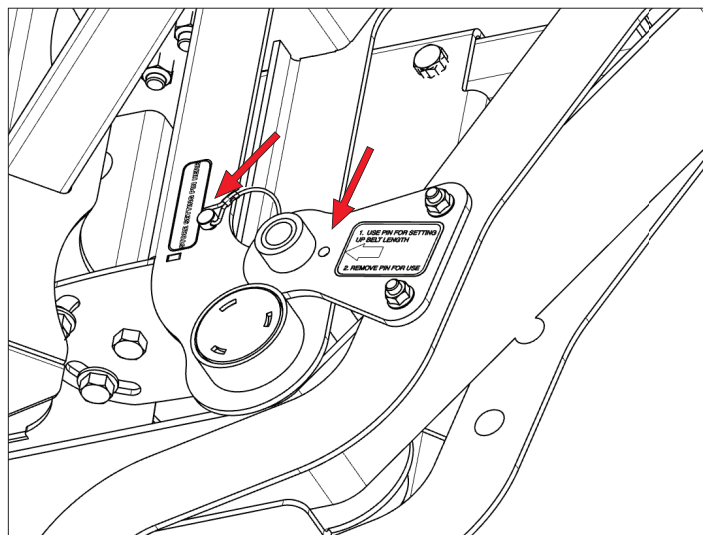
14. Use a 3/8" leather punch (recommended) or a 7/16" drill to make three holes through the belt at the marked locations.



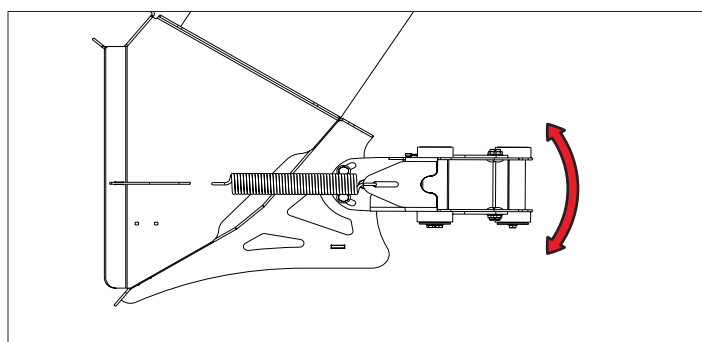
15. Install the belt end plates using three 3/8 x 1" carriage bolts and flange nuts. Position the large end plate on the inside (nearest to the bale chamber). Remove the excess belt length leaving about 6" for future adjustments.



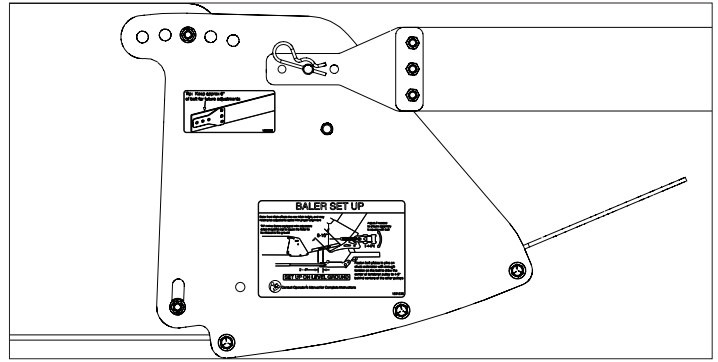
16. Remove Pin in the tensioner from the setting up position and place into storage hole. Re-attach the tensioner spring.



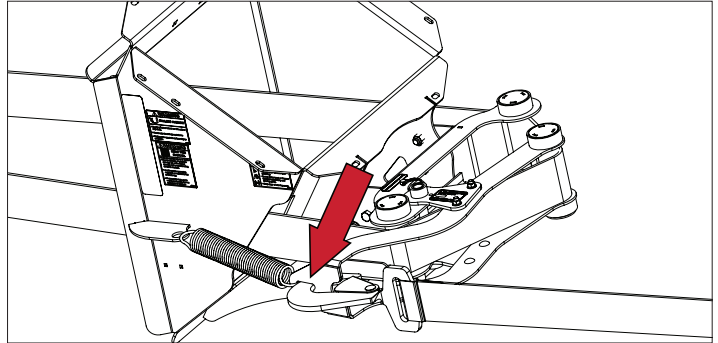
17. Ensure that the belt tensioner assembly is square with the belt by adjusting the angle of the belt tensioner assembly at its mounting point on the base chute.



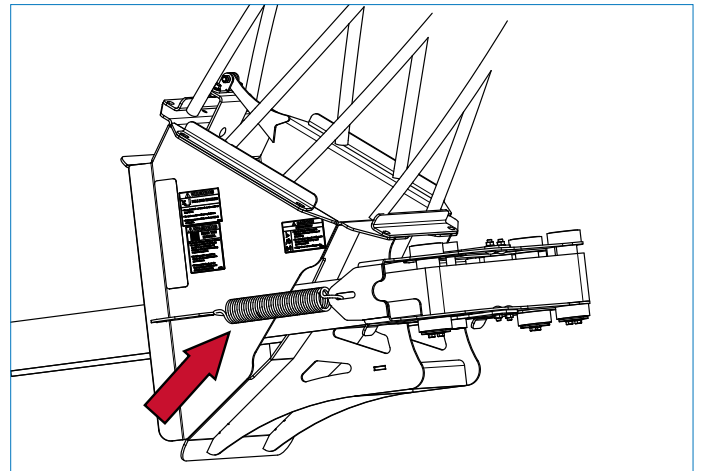
18. Fasten the belt plate to the previously selected pin on the side of the Chamber Extension.



TIP: If your accumulator is equipped with a winch on the upright, hook the winch to the tensioner using the same slot as the spring, and crank to relieve tension. After attaching belt plates, loosen winch cable and remove from the Tensioner.



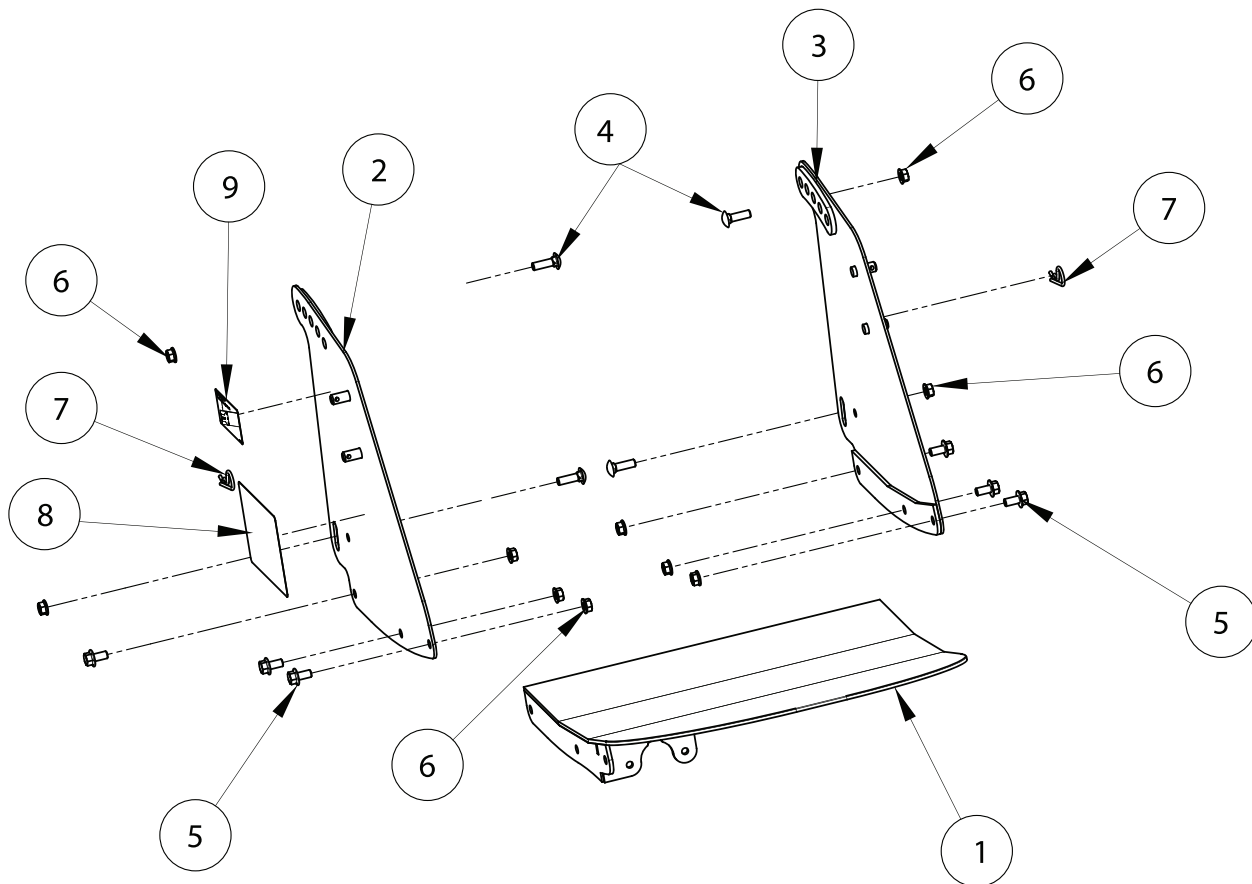
19. Once hooked up, the spring should be stretched approximately 15"-16"



BALER CHAMBER SETTINGS

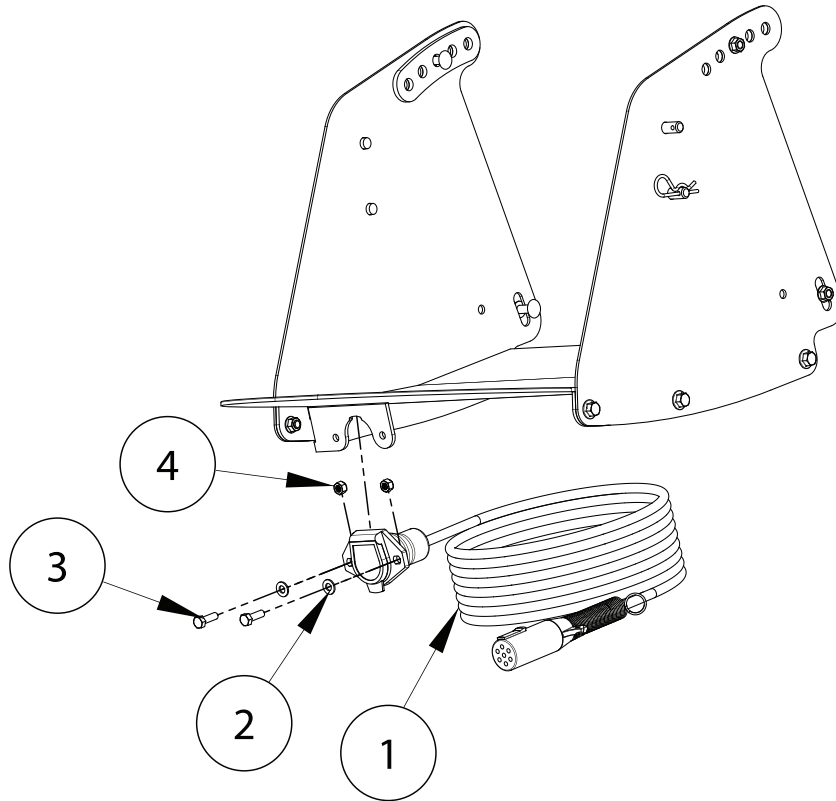
This is dependent on your requirements for the density of bale that you want to make. First loosen the bale chamber nearly all the way to compensate for the back pressure caused by the chute. You can then adjust the chamber pressure to reach the desired bale density. You may need to remove all the wedges from the chamber. Check bales after first load is released for proper tightness. Adjust pressure accordingly.

Parts: Chamber Extension #1004451




Item	Part Number	Description	Qty.
1	1004420	Bottom, Chamber Extension	1
2	1004430	Side, Chamber Extension, Left	1
3	1004440	Side, Chamber Extension, Right	1
	****	Chamber Extension Hardware Kit 4-7	
4	1006320	Bolt, Carriage, 3/8 x 1-1/4", Grade 5	4
5	1006330	Bolt, Serrated Flange, 3/8 x 3/4", Grade 5	6
6	1006190	Nut, Serrated Flange, 3/8-16, Grade 5	10
7	1006910	Pin, Cotter, Reuseable	2
8	1031230	Decal - Baler Set Up	1
9	1031220	Decal - Belt Cutting	1

Parts: Lighting Cable #1008021



Item	Part Number	Description	Qty.
1	1008021	Light Cable, 25' Baler Extension	1
2	1006140	Type A Flat Washer 5/16"	2
3	1006290	Hex Bolt 5/16"-18 x 1"	2
4	1006080	Nylock Nut 5/16"	2



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DOC 1031630 Rev. A
Revised 5-2024