

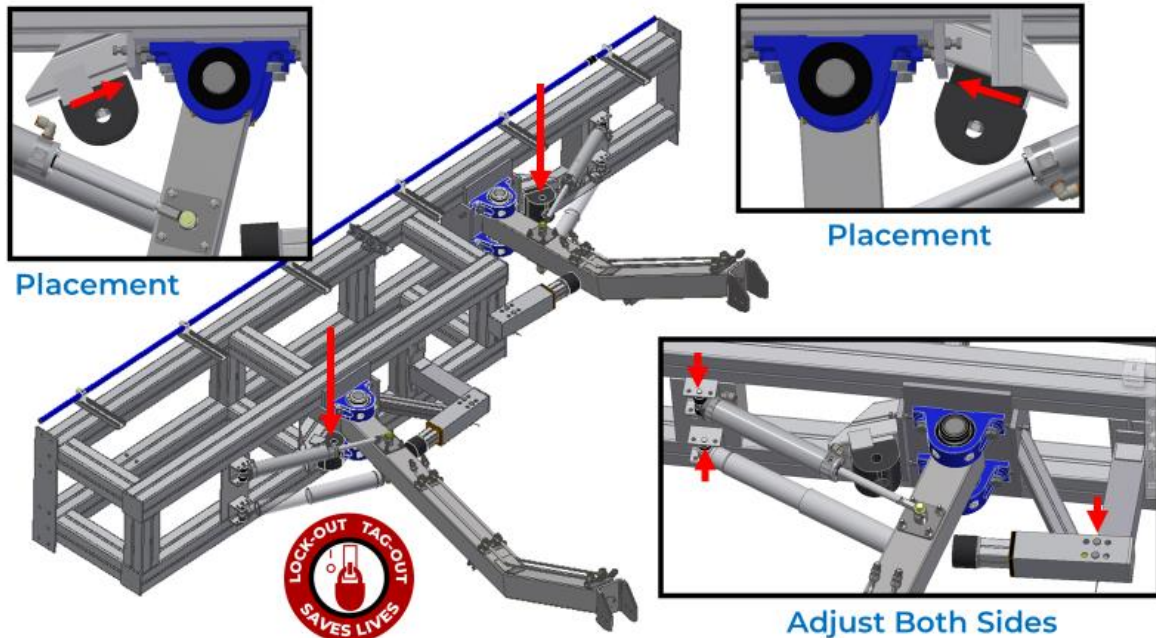


# TECHNICAL BULLETIN

June 21, 2020

## Wrap-Around Brush Arms

Rubber Bumper Placement & Adjustments




Correct Rubber Bumper Placement  
Soft Stop Bumper Adjustments  
Shock Absorber Adjustments  
Retract Cylinder Adjustments

### SUMMARY

An issue has been detected with the placement of the Rubber Bumper for the Wrap Around Retract Position.

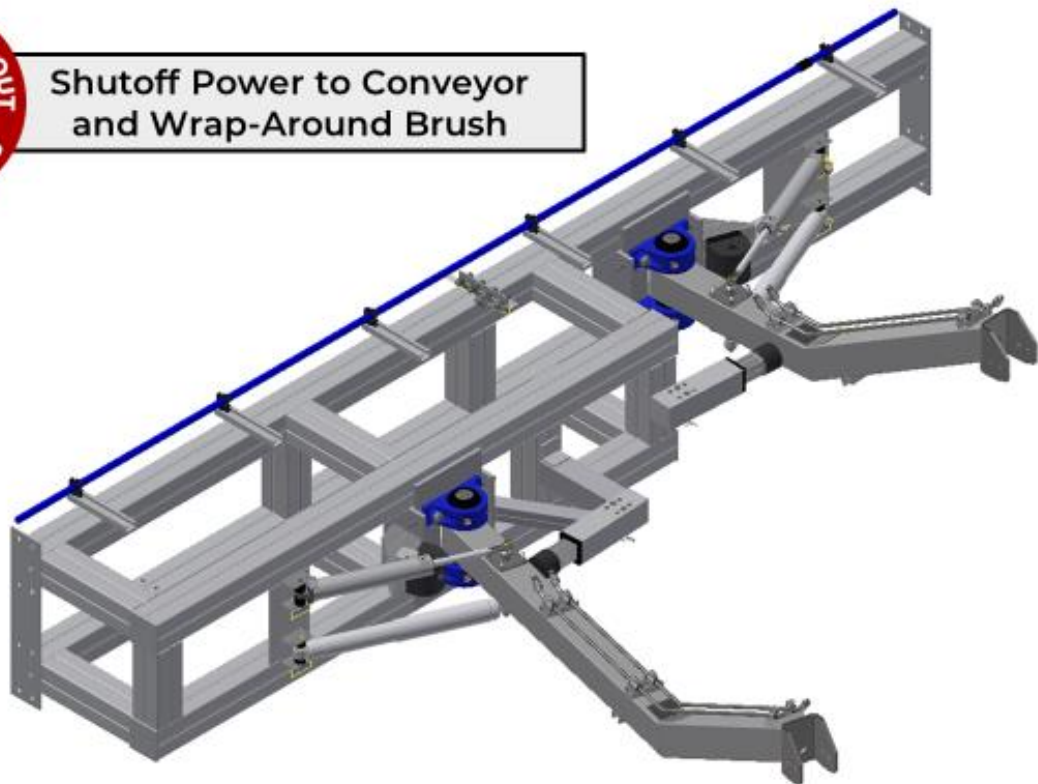
When the Wrap Arms are retracted, an incorrect placement of the Rubber Bumper can cause the Retract Air Cylinders and/or Shock Absorbers to bottom out before the arm touches the bumper. This can cause components to prematurely fail.

The purpose of this Technical Bulletin is to show customers and operators the correct placement of the Rubber Bumper. This bulletin also contains information about adjustments that can be made using the three holes available for securing the Soft Stop Bumper, Shock Absorber and Retract Cylinder.

 **DANGER:** Always Shutoff All Power to Conveyor and/or Equipment Before Starting Any Install, Maintenance, Service or Repairs. Failure to do this may result in personal injury, death, and/or dismemberment.

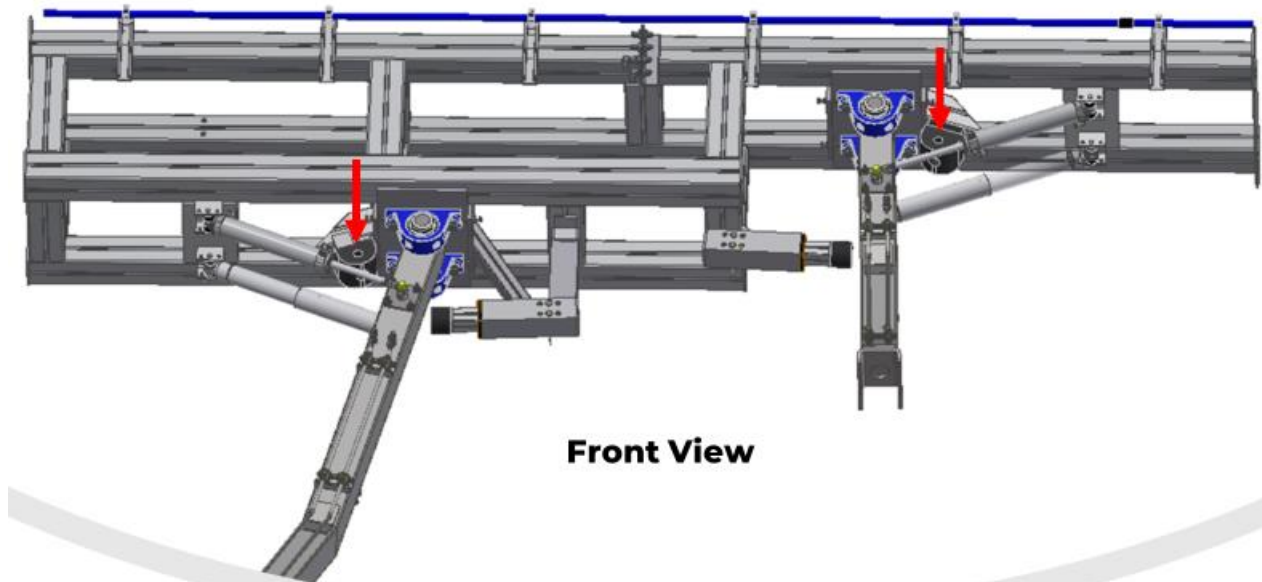


Shutoff Power to Conveyor  
and Wrap-Around Brush

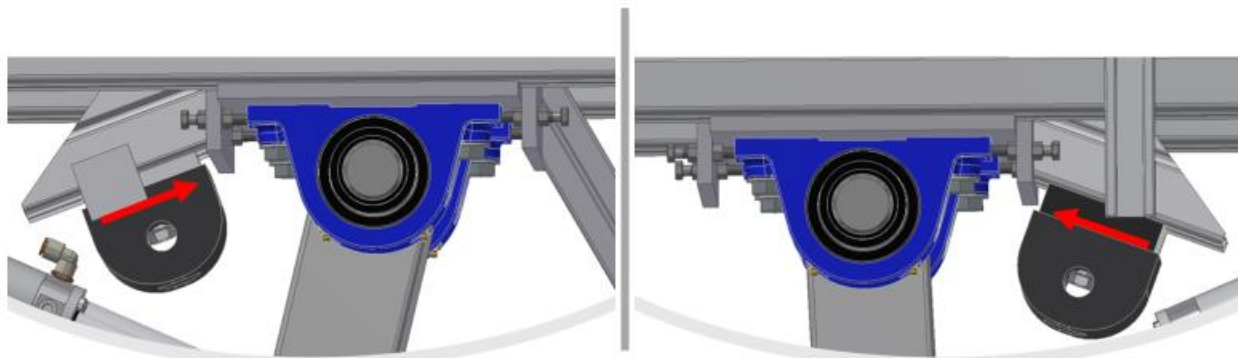


### CORRECT RUBBER BUMPER REPLACEMENT

The Rubber Bumper should always be adjusted so that the arms fully contact the bumper before the Retract Cylinder or Shock Absorber bottom out through the stroke.



**Front View**

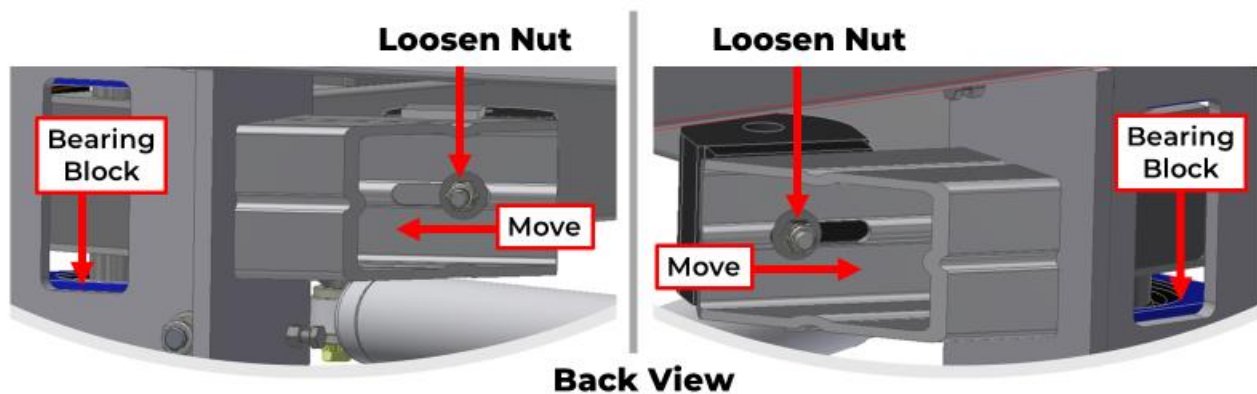


**Front View**

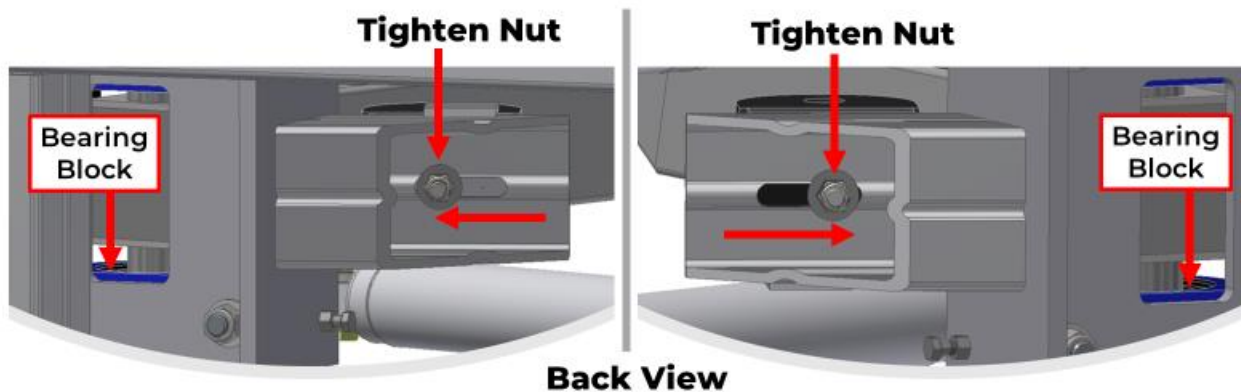
### CORRECT RUBBER BUMPER REPLACEMENT

Check the Rubber Bumpers on your Wrap-Around Brush arms. If the Arm is not contacting the Rubber Bumper when retracted, adjust the Bumper by using the slot on the frame.

1. Loosen the nuts directly behind the Rubber Bumper that holds it securely in place.



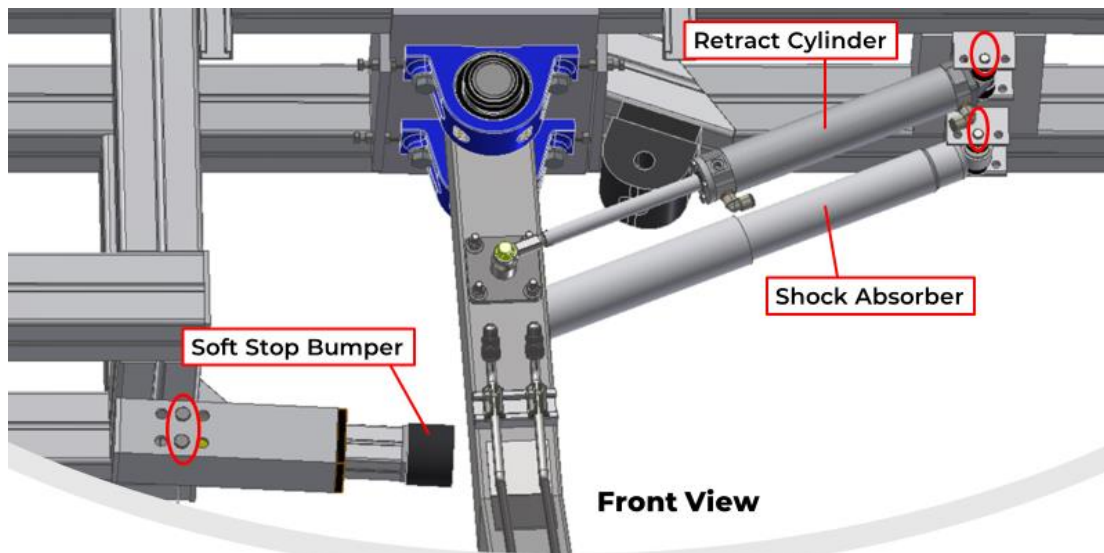
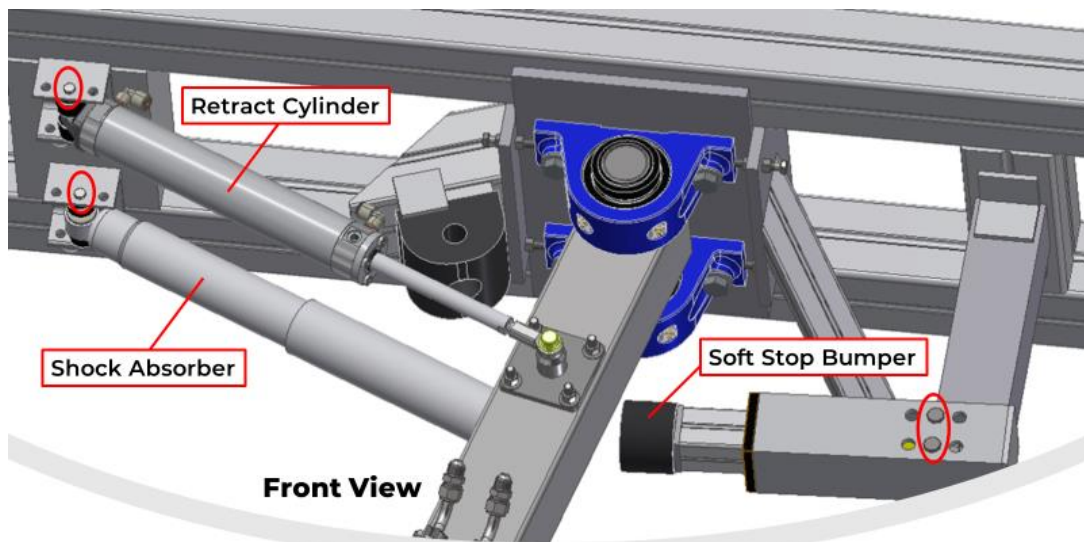
2. Slide the Rubber Bumper as needed towards the bearing blocks. This will reduce the opening when fully retracted. Retighten the nuts.



### ADJUSTMENTS ON BOTH SIDES

Using the Three Holes for the Soft Stop Bumper, Shock Absorber and Retract Cylinder

There is an option for three holes to be used when securing the Soft Stop Bumper, Shock Absorber and Retract Cylinder. The Wrap-Around Brush is shipped with the pins for each attached in the middle hole, as in the following pictures:



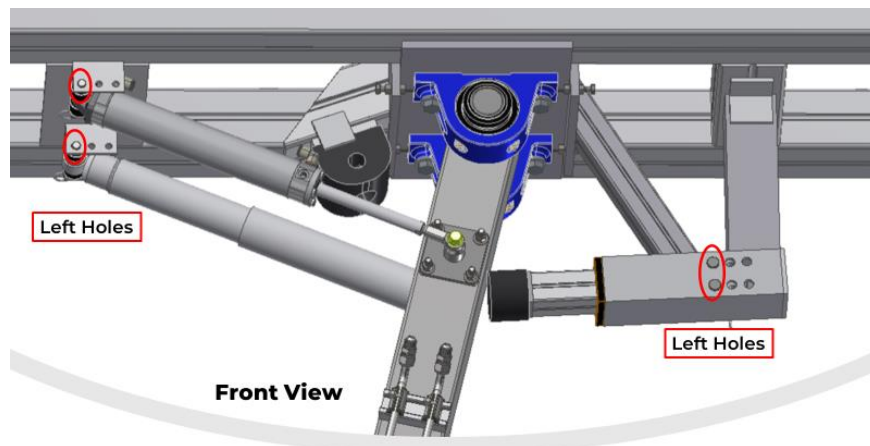
## ADJUSTMENTS ON BOTH SIDES

Depending on your business needs, you may choose to set the pins for the Shock Absorber and Retract Cylinder. For example, if you require a wider retract clearance, you may want to set the Shock Absorber and Air Cylinder pins, which results in pulling the brushes further away from the vehicle when retracted.

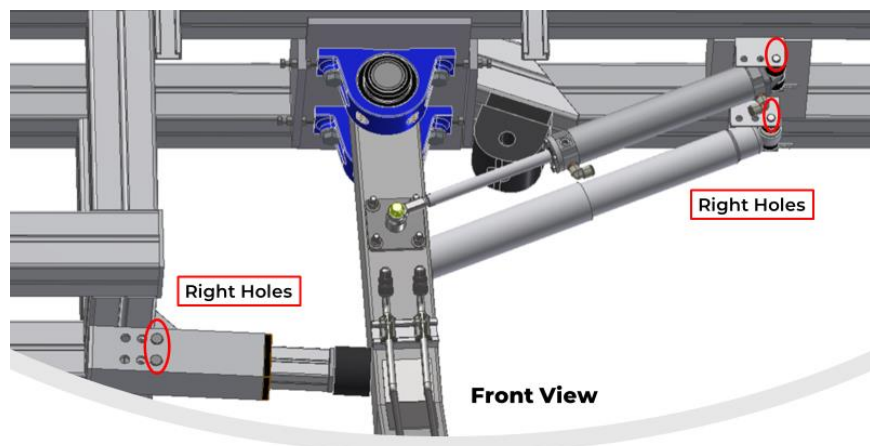


**IMPORTANT:** Adjust both sides.

1. In this case, if you choose to set the Shock Absorber and Air Cylinder pins for a wider clearance, the holes on the Soft Stop Bumper must also be set to the **Left Holes**, as shown below:



2. In this case, if you choose to set the Shock Absorber and Air Cylinder pins for a wider clearance, the holes on the Soft Stop Bumper must also be set to the **Right Holes**, as shown below:



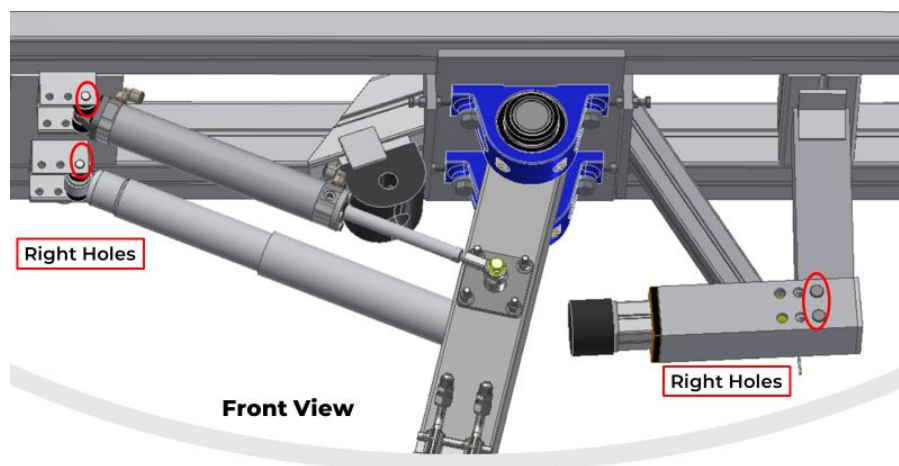
### ADJUSTMENTS ON BOTH SIDES

Depending on your business needs, you may choose to set the pins for the Shock Absorber and Retract Cylinder to clean the back of vehicles more aggressively.



**IMPORTANT:** Adjust both sides.

1. In this case, set the Shock Absorber and Retract Cylinder pins as well as the Soft Stop Bumper to the **Right Holes**, as shown below:



2. In this case, set the Shock Absorber and Retract Cylinder pins as well as the Soft Stop Bumper to the **Left Holes**, as shown below:

