

## DC – Studding

### Purpose

To guide the DC employees on the proper process studding tires. Metal studs are inserted into tires to enhance traction on icy roads.

### Guidelines


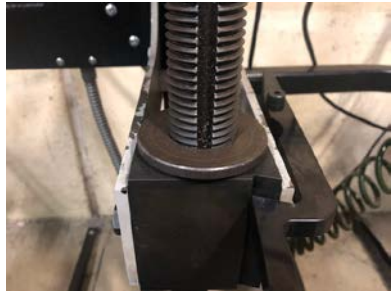
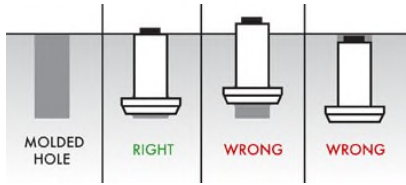
- Pour about a half box of studs into the Automatic stud feeder at a time.
- Refer the Studding Maintenance BP for proper maintenance on the machine.
- Safety Glasses are to be worn in the studding area at all times.
- Gloves are to be worn at all times while studding.
- If an inserted stud is too deep, not deep enough, or crooked; use the stud removal tool to remove it and re-stud it.
- Some tires have the correct stud printed on the label or sidewall. You may use this for reference.

### Studding Tires

Follow these steps below in order to accurately stud tires.

Step	Action
1	Verify the tire is correct and not damaged.
2	Turn on the overhead light and the automatic stud feeder.
3	Make sure you have water/soap mixture in the bottle that will lubricate your tire. Only a little bit of soap is needed here.
4	Place the tire to be studded on the machine. <div data-bbox="997 1037 1295 1310" data-label="Image"> </div>
5	Identify the stud size. <ul style="list-style-type: none"> <li>• Measure the depth of the hole to be studded with a tread depth gauge.</li> <li>• Whatever size the gauge reads is the size stud that should be used. For example: If the measurement is 12/32, then the proper size stud is TSMI #12.</li> <li>• Put this size into the stud feeder.</li> </ul> <div data-bbox="984 1373 1325 1717" data-label="Image"> </div>

## Studding Tires Cont.

6	<p>Adjust the distance of the tire from the tip of the machine by adjusting the bolt as picture.</p> <p><b>Note:</b> Raising the bolt will make the stud go deeper. A good distance is about 1 cm away.</p>	
7	<p>Adjust the height of the mount by adjusting the nut pictured.</p>	
8	<p>Line up the tip of the machine with the hole on the tire and push the pedal to stud the tire. The stud should be flush with the tire. If the stud is not flush, adjust the bolt from step 5 and try again.</p>	
9	Repeat step 6 until every hole has a stud inserted.	
10	Remove the tire from the machine and inspect the tire to make sure no holes were missed. Look for any studs that are not flush with the tires tread or are inserted crooked.	
11	If you are low on any size stud contact Kory Connor to order.	

## Contact

Please see your manager if you have any questions.