



2012+ Arctic Cat Skinny/Ascender board

These boards will narrow up your 12-17 non mtn cat sled 1" per side.

These are a direct fit for the 17+ mtn cat and Ascender chassis.

You will need basic cutting tools and drill bits for the install. The pictures shown here are a guideline on how to install them, you may have a different preference. Please preview entire directions before proceeding.

Note: Once the factory running board is cut off, clamp the new boards in place tight. You will want to double check all the rivet locations to make sure they line up with the tube! Failure to do so will result in a poor installation.

All rivets require a 3/16" Drill bit.

Here is what is included

- (4) Short rivets
- (30) Medium rivets
- (4) Long rivets
- (12) Large Head rivets (most are used if installing on a 12-17 non mountain cat, used for sucking in plastics on bottom of sled)
- (2) Large Head Long rivets
- (6) 1/4-20 x 5/8" Truss Head Bolt (Torx Bit)
- (6) 1/4-20 Flanged nylock nuts

Where the plastic side panel connects to the front upright running board tube, you will have to drill a pilot hole to reinstall factory screw.

1. Remove the outer running board rail. You will have to drill out all rivets associated with the rail (3/16" drill bit). You will have to unbolt the rear suspension to remove the bolt from the front tube where it connects to the tunnel. Tip: Use a center punch to drive the center of the rivet in. This will aid in drilling.

2. Refer to pictures. Be sure to save all hardware removed from the factory stirrup tube as you will reuse these with the new boards.

3. Once factory board is cut, removed, and all cleaned up, get the new boards for install. Having some small clamps will help hold the board in place for riveting. Place board on sled and align the tubes with rivet holes. **Make sure the inner tube of the board is TIGHT against the tunnel before riveting.** Refer to pictures for placement. Re-install the factory stirrup bolt through the board tab that is on top of the tunnel in front of fuel tank at this time.

4. Next is to cut and install the toe plates. Refer to pictures.

5. Refer to picture on mounting the rear of board to tunnel.

6. Install the traction screws provided. The traction screws supplied need a 1/8" hole drilled first. The screws will then self-tap into the tube. 40 screws are supplied for each side to install as desired. Refer to last picture.

Any questions or concerns please call or email us!

B&M Fabrications

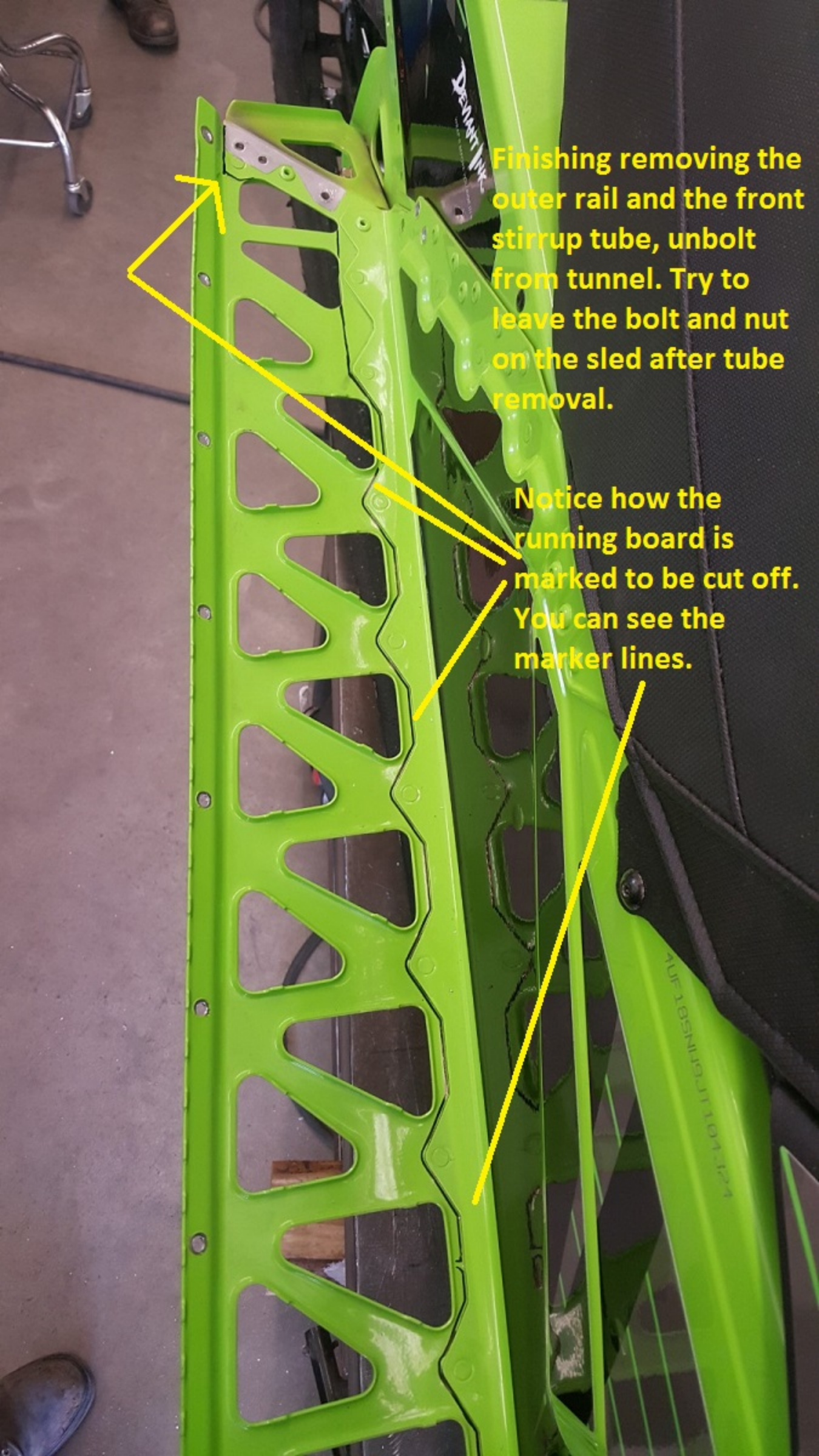
612-202-9245

info@bmfabrications.com

www.bmfabrications.com

Remove all circled rivets with a 3/16" drill bit. You may have to use a sharp punch to knock the mandrel out of the rivet to make things easier.





Finishing removing the outer rail and the front stirrup tube, unbolt from tunnel. Try to leave the bolt and nut on the sled after tube removal.

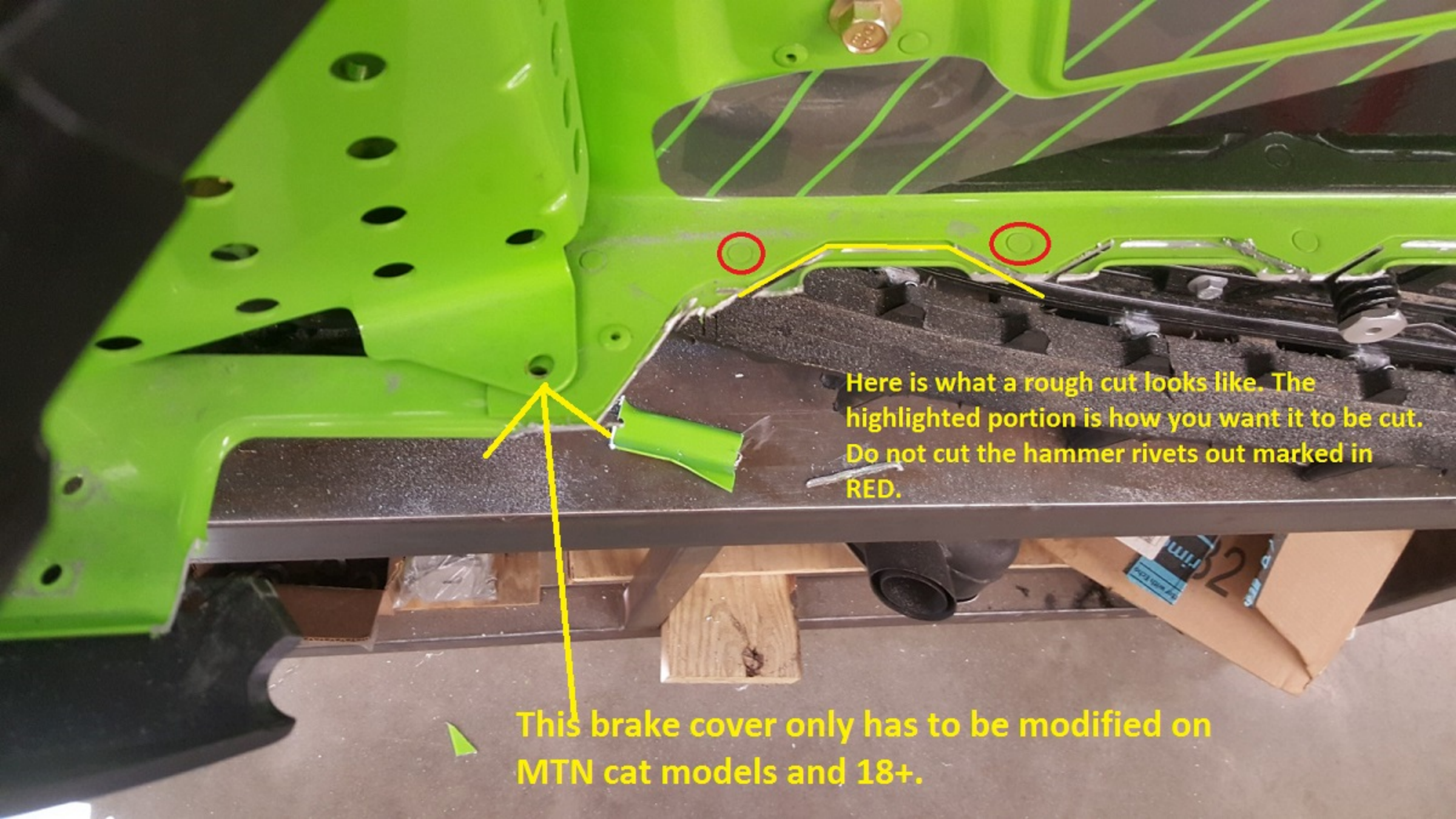
Notice how the running board is marked to be cut off. You can see the marker lines.



Remove these rivets on both sides of the sled. You will be discarding these braces.



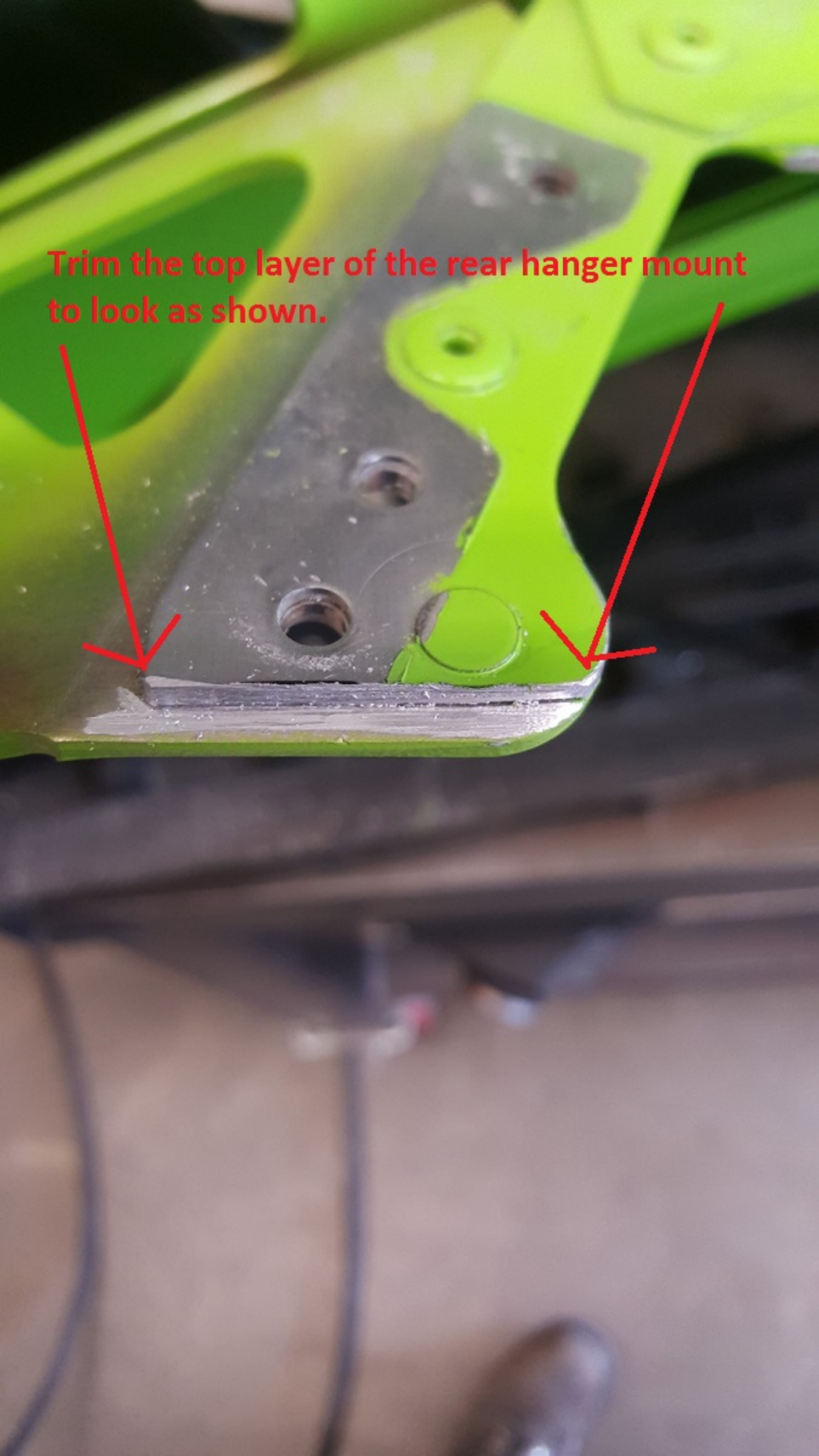
Here is the detail where to cut the front. The circled rivet needs to be removed (mtn cat models).



Here is what a rough cut looks like. The highlighted portion is how you want it to be cut. Do not cut the hammer rivets out marked in RED.

This brake cover only has to be modified on MTN cat models and 18+.

Trim the top layer of the rear hanger mount to look as shown.





Here is how the cleaned up cut edge should look. Remove all sharp edges, burrs, and nicks.

The board should line up as shown with the factory rivet hole circled in YELLOW. The RED circles are holes that needs to be drilled.



LONG RIVETS

These are medium length rivets.

The two rivets circled in blue NEED to be installed before the board goes on. Install 2 SHORT rivets here from top down.



Starting from the back, install MEDIUM length rivets along the bottom. Drill a 3/16" hole. Make sure the rivet is hitting the center of the running board tube. Rivet spacing is roughly 3" apart. You may have to vary that slightly so the new rivets do not hit the hammer rivets still in place.



Do not install this large head rivet until AFTER the toe hold plates are re-installed.



Rotor cover retaining bolt and clip



Install a Large Headed Long rivet here



Dont forget about these 2 rivets on each side as well. MEDIUM length rivets.



Here is the right side shown in both pictures. Mark both sides as shown, cut, and clean up.

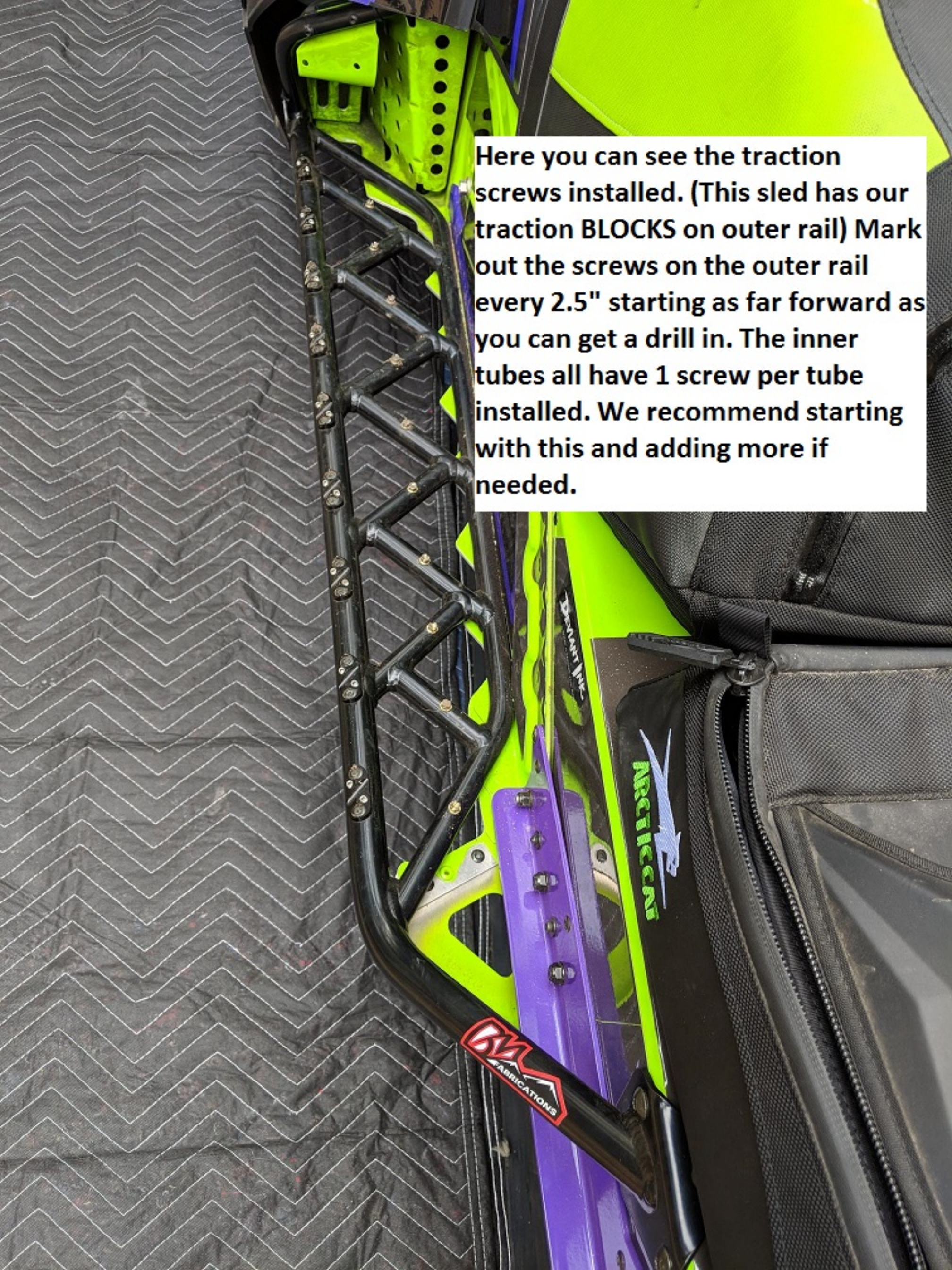


Re-install the toe plate temporarily. Install the screw closest to tunnel into factory spring clip (RED circle). Use a 3/16" drill bit to drill through existing hole in board through the toe plate. REMOVE the toe plate and enlarge that same hole to 5/16". DO NOT drill the board to 5/16". Now install the factory spring clip back on toe plate. You may now bolt these plates back in.

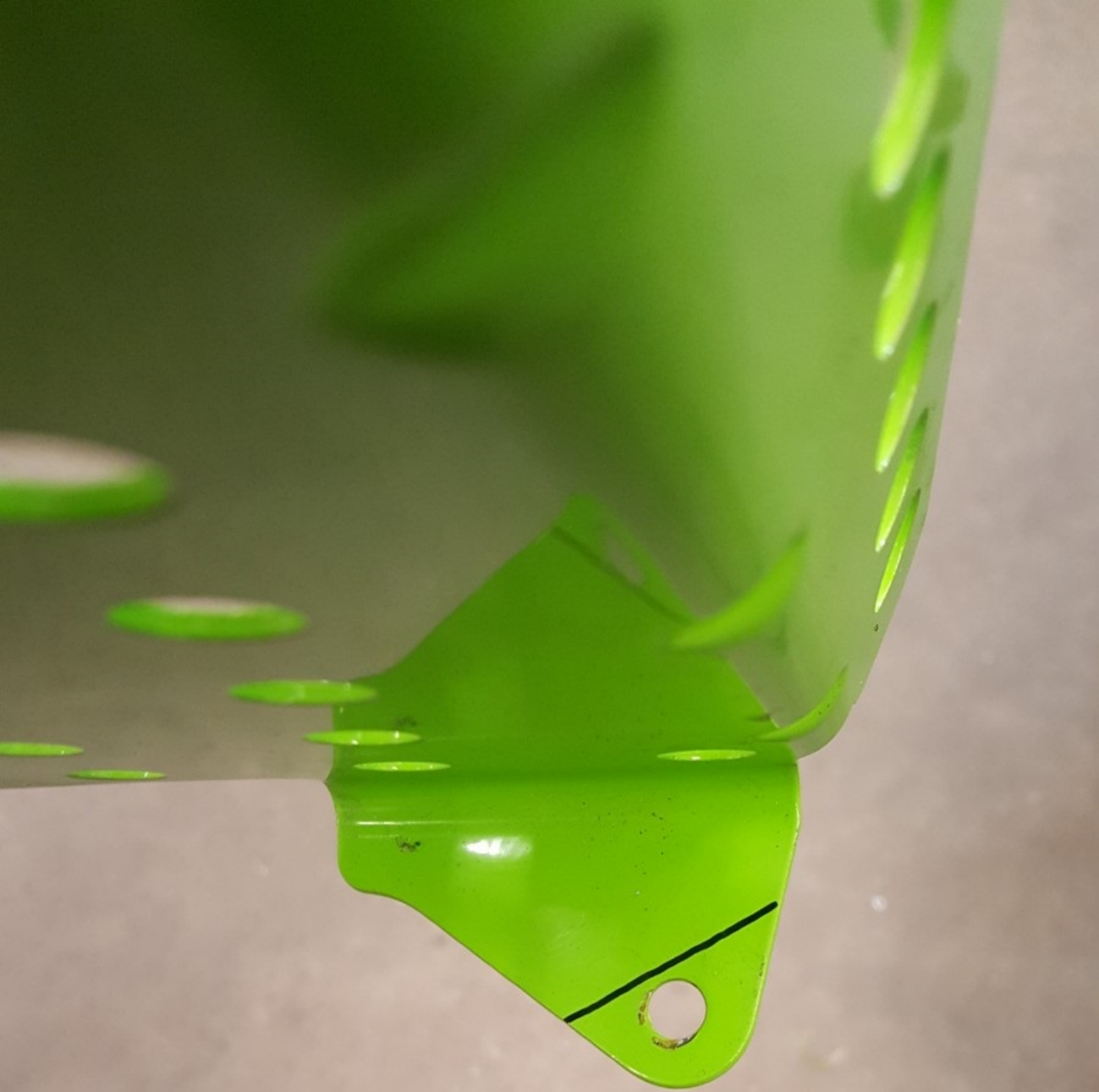


Use a 1/4" drill bit and drill these 3 holes. The forward most hole on SIDE of tunnel should be the original rivet hole. Make sure plate is tight to tunnel before installing the bolts.





Here you can see the traction screws installed. (This sled has our traction BLOCKS on outer rail) Mark out the screws on the outer rail every 2.5" starting as far forward as you can get a drill in. The inner tubes all have 1 screw per tube installed. We recommend starting with this and adding more if needed.



(MTN cat and Ascender only) This is the brake rotor cover. You will need to trim the mounting ear as shown so it will clear the board. Once trimmed, re-install and find a correct spot to drill a new mounting hole from the bottom up. Use the factory bolt and spring clip to attach. (Can be seen in picture of plastic lower rotor cover circled in BLUE)