



Puncher/Squeezer Riveting Tools

BEST PRACTICES

Tool Uses

- ▶ Top Rail Punch
 - ▶ Punching holes in top roof rails
- ▶ Top Rail Squeezer
 - ▶ Setting rivets to connect top rail
- ▶ Bottom Rail Squeezer
 - ▶ Setting rivets to connect bottom rail



Top Rail Punch



Top Rail Squeezer

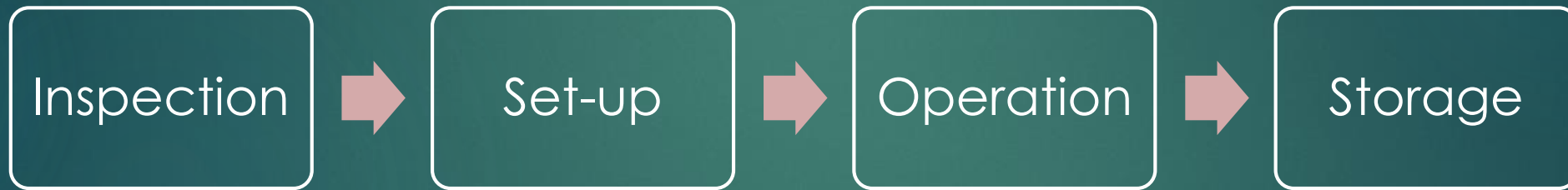


Bottom Rail Squeezer

Advantages vs. Drilling

- ▶ Reduces Noise
- ▶ Near perfect holes every time
- ▶ Increases efficiency
- ▶ Less operator fatigue

Best Practice - Tooling



Inspect Before Use

- ▶ Safety glasses are required
- ▶ Check to see hose has no damage
- ▶ Check that all connections are tight
- ▶ Know your surroundings and who else is in the shop

Set-Up

- ▶ Plug in air hose
- ▶ Turn air on
- ▶ Mark the hole your going to punch



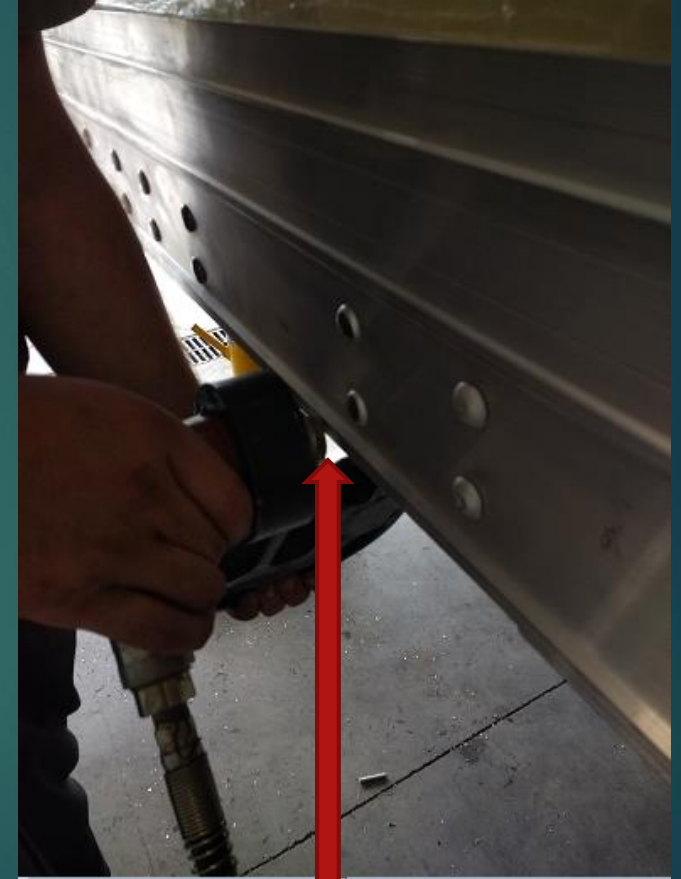
Air Hose Plug In

Punching Hole

- ▶ Keep Finger off trigger until you are going to use tool
- ▶ Hold tool with tight grip
- ▶ Line up puncher with where you want the hole
- ▶ Pull trigger, then take finger away from trigger
- ▶ Keep a tight grip on tool until you set it down
- ▶ Disconnect the air hose

Setting Rivet

- ▶ Place rivet in hole pounding through with hammer if necessary
- ▶ Hold the rail squeezer with a tight grip
- ▶ Line up the rail squeezer with the rivet
- ▶ Pull the trigger then take finger off trigger
- ▶ Set down tool and unplug air hose
- ▶ Check the rivet to ensure its set tightly



Line Up With Rivet

Setting Rivet Video



Watch Out For...

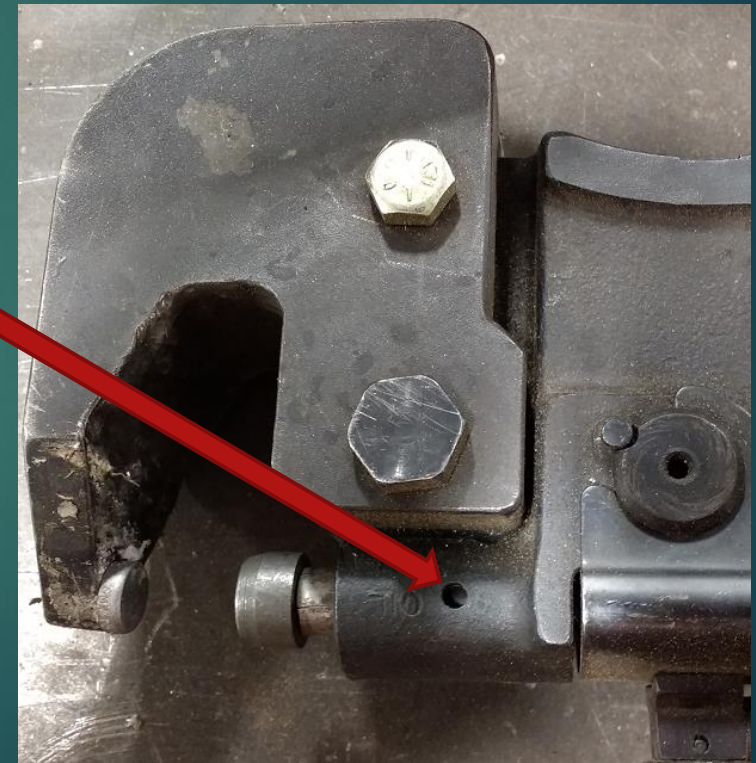
- ▶ Keep fingers away from squeezer
- ▶ Be careful of dropping the tools (very heavy)
- ▶ Don't punch where caulking is (gets stuck in puncher)
- ▶ Watch for possible metal debris (wear safety glasses)

Maintenance

- ▶ Add WD40 to oil holes in both squeezer and setter after use



Oil Holes



Tool Storage

- ▶ Wipe off tools with clean rag
- ▶ Wrap up hoses
- ▶ Keep Puncher and Squeezers dry
- ▶ Don't set tools where they can be easily knocked off a ledge

Training

Training Quiz



- ▶ <https://www.flexiquiz.com/SC/N/d2e503f7-47c4-42e1-9ffc-95f9a4c11bb4>