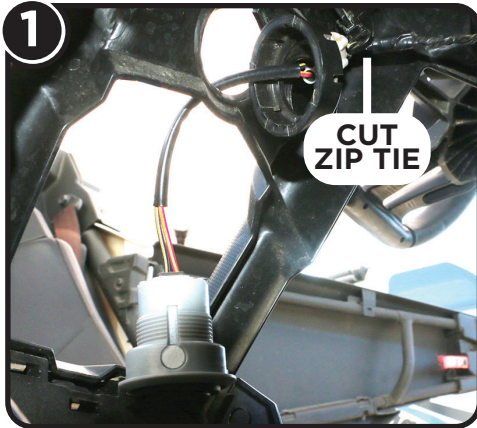


# X3 Mount Installation Instructions

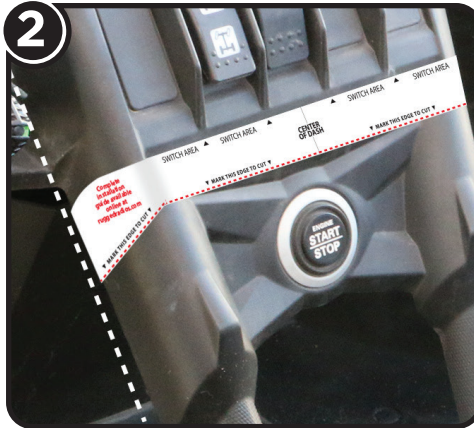


## Tools Needed

- Drill
- 1/4" Drill Bit
- Screw Drivers - Phillips and Flat Head
- Torx T-30 Bit
- Marking device - Sharpie, Pen or Scribe
- Cutting tool - Reciprocating/Jig saw or cutoff wheel.
- Wire Snips
- Allen Wrench (Side Plate Bolts)
- 10mm Wrench (for Intercom bolts)
- 7mm Wrench (for radio bolts)



Start by reaching behind and loosen the nut that is securing the start/stop button. On the backside, there is a small zip tie securing the start/stop wires to the plastic dash that will need to be cut to release the wires. Unplug and remove the start/stop button.



Using the cut template that is included, remove the sticker backing. Before mounting, please note: the template has angled ends that should wrap and match up perfectly with the edge of your dash panel. This assures placement and cut lines are perfect. Apply sticker as shown. The top of the sticker will be centered on the panel. Follow the indicator marks to line up the rocker switch separators for proper placement. Positioning it too low or too high may affect the final install. Mark the bottom of the template on your dash with marker or scribe to create your cut line.



Using the cutting device of your choice, cut along your cut line or the bottom of the template (dotted red line) to remove the pillar section. Please note, this is NOT just a straight cut across. If you follow the template, you will see that your cut angles downward on the sides as shown in Step 4. For cutting, a jig saw or reciprocating saw will work. A Dremel tool or equivalent may work better for ease of controlling the cut. Cutting should be done as close as possible but does not need to be exact. The mount will cover the cut.



When complete, your cut should look like this. If you follow the template, you will see that your cut angles downward on the sides as shown here.



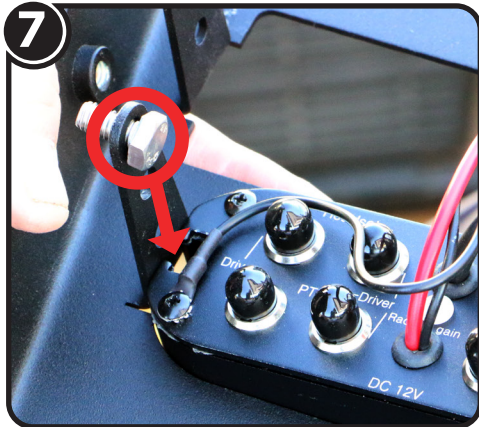
Next, remove the bottom 2 torx T-30 bolts in between the console pillars.

With the bracket placed in position, secure the bottom 2 Torx screws that you removed in the previous step. Position the top of the mount as shown in this diagram above. **IMPORTANT:** With the console support pillars removed, the upper dash will sag slightly. It's important to raise and realign the dash. Vice grips may be a good option to hold the dash and the mount in place. Once lined up as shown in the left photo above, drill holes in the left and right side using a 1/4" drill bit. Do not attach the top bolts to secure the mount just yet. Now remove the bottom 2 torx screws to remove the bracket.

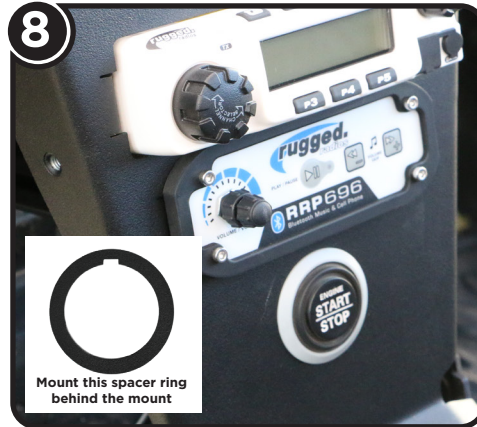
Any questions, please contact Rugged Radios:

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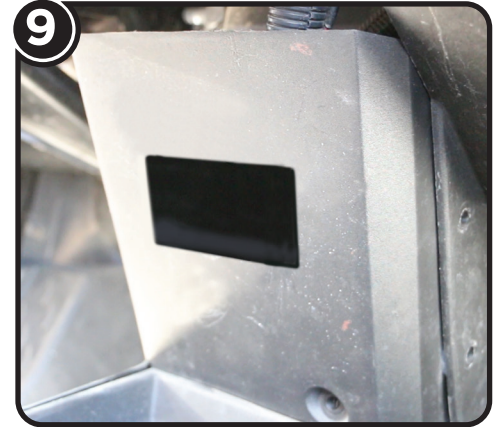
# X3 Mount Installation Instructions



With the bracket out of the X3, attach the intercom & radio using mounting tabs on the backside of the mount. Mounting hardware is included with the intercom and radio. A 7mm wrench or phillips screwdriver will be needed to tighten the screws closest to the face of the mount on the radio. When installing the intercom, feed the intercom thru the face of the mount, then slide the bolt heads in the mounting channel of the intercom on both sides. It may feel snug, but the bolt heads are designed to slide into the channel. Tighten the bolts with the 10mm wrench.



Mount the Start/Stop Button. Included in the kit is a round spacer shaped like the start/stop button. That will be added to the back of the button before the factory plastic spacer and nut.



In order to provide clearance and cable access, a hole in the plastic panel behind the radios will need to be cut prior to attaching the mount. A 2" X 5" slot should work (cutting template on page 3). This panel can be removed by removing 2 torx bolts at bottom of the left and right sides and 2 plastic pop rivets on the passenger side. Once the access hole is cut and complete, re-install this panel by inserting the pop rivets and bolts.



Begin the process of running your cables through the vehicle. This includes your power cables, antenna coax cable, and 12' cables for front seat and 16' for rear seats. Pay attention to where you're plugging in your PTT (Push-to-Talk) buttons. Be sure your coil cord driver-side PTT button is plugged into the Driver PTT port and the co-driver straight-cord PTT is plugged into the co-driver PTT port.

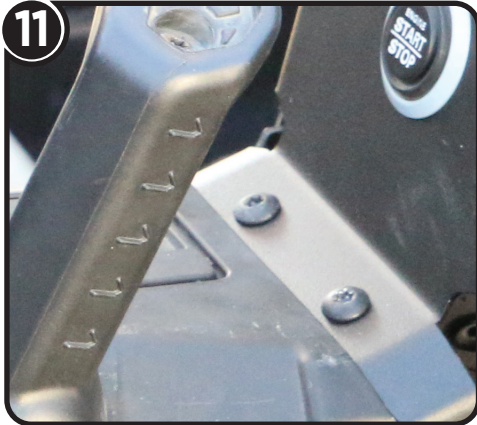
For cleanest installation, run the cables from the back of the intercom and down and through your center console. Be sure to keep your antenna/coaxial cable **separate** and as far from other cables as possible, **especially anything carrying power**. We recommend running the antenna coax cable up the A-pillar, completely separate from all other cables, in all applications. **DO NOT** zip tie it to your communication or power cables as this can impact signal clarity and range of your radio. Be sure your power leads for your radio and intercom run straight to the battery and not to a fuse panel or bus bar.



A-PILLAR

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11 Attach Start/Stop button. Reinstall the Torx Screws removed in step 2 and install the bolts into the 1/4" drilled holes from step 6 and secure.



12 Follow the next step if you are installing the optional side panels. On the passenger side, start by removing two plastic rivets towards the back, closest to the floorboard. Next, place the side panel in place and insert the plastic rivets back into their holes. The panel can be lined up for the front bolts and secured. On the driver side, attach the 2 side bolts and secure.

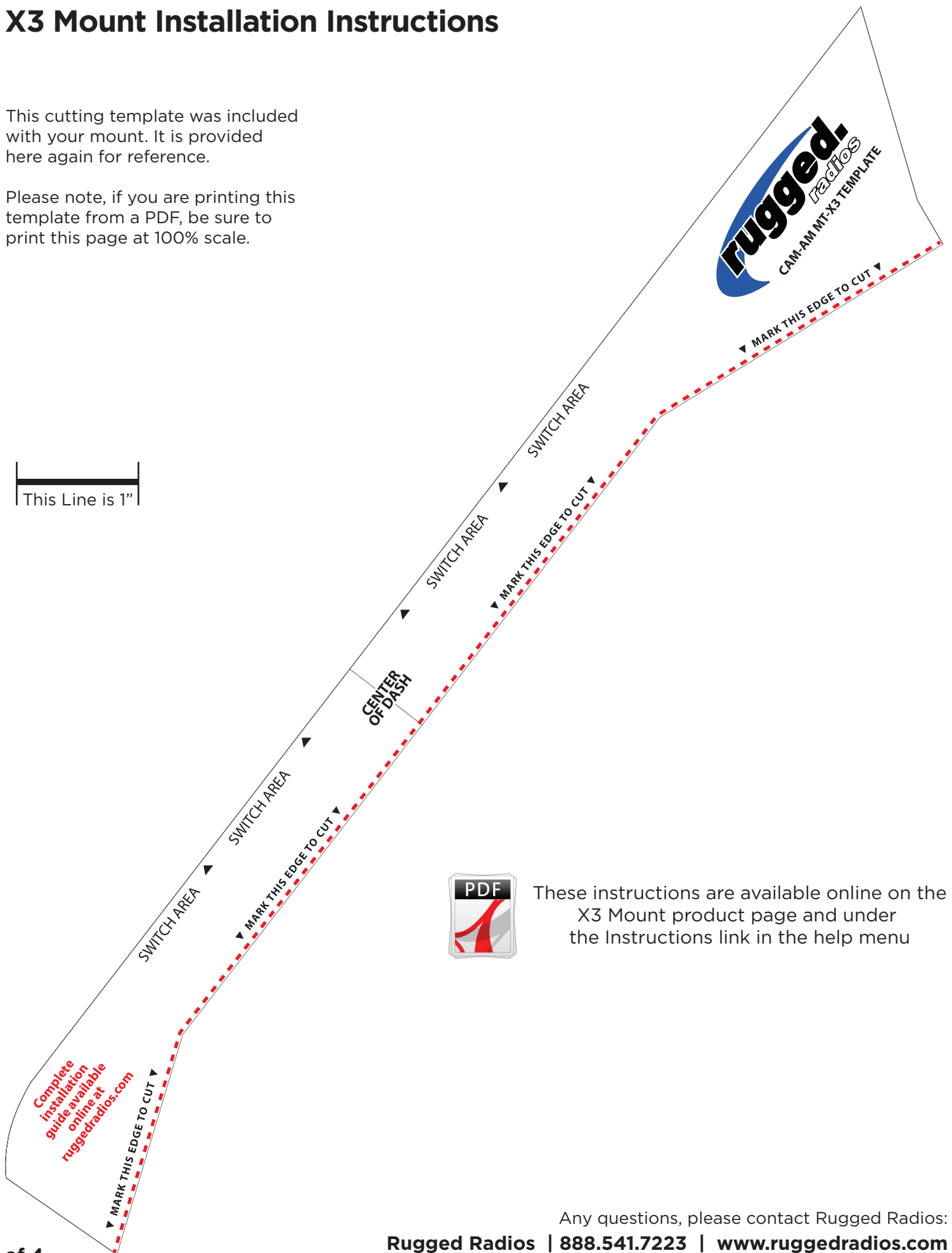


**2X5  
CUTTING TEMPLATE  
(STEP 9)**

# X3 Mount Installation Instructions

This cutting template was included with your mount. It is provided here again for reference.

Please note, if you are printing this template from a PDF, be sure to print this page at 100% scale.



These instructions are available online on the X3 Mount product page and under the Instructions link in the help menu