

# Install Instructions- Aerial Exhaust Vent Plate

## Tools Required:

- Drill bit –1/4
- Marker
- Handheld cutoff wheel
- Handheld sander and/or handheld angle grinder

## Parts Required:

- 14"x14" Exhaust Vent Plate
- STAINLESS STEEL TRUSS TORX SCREW 0.25-20 X 0.75, QTY: 8
- STAINLESS STEEL NUT 0.25-20 SS HEX LOCK, QTY: 8
- STAINLESS STEEL WASHER 0.25 FLAT, QTY: 16

## Installation Steps:

1. Raise the aerial device and raise the cab.

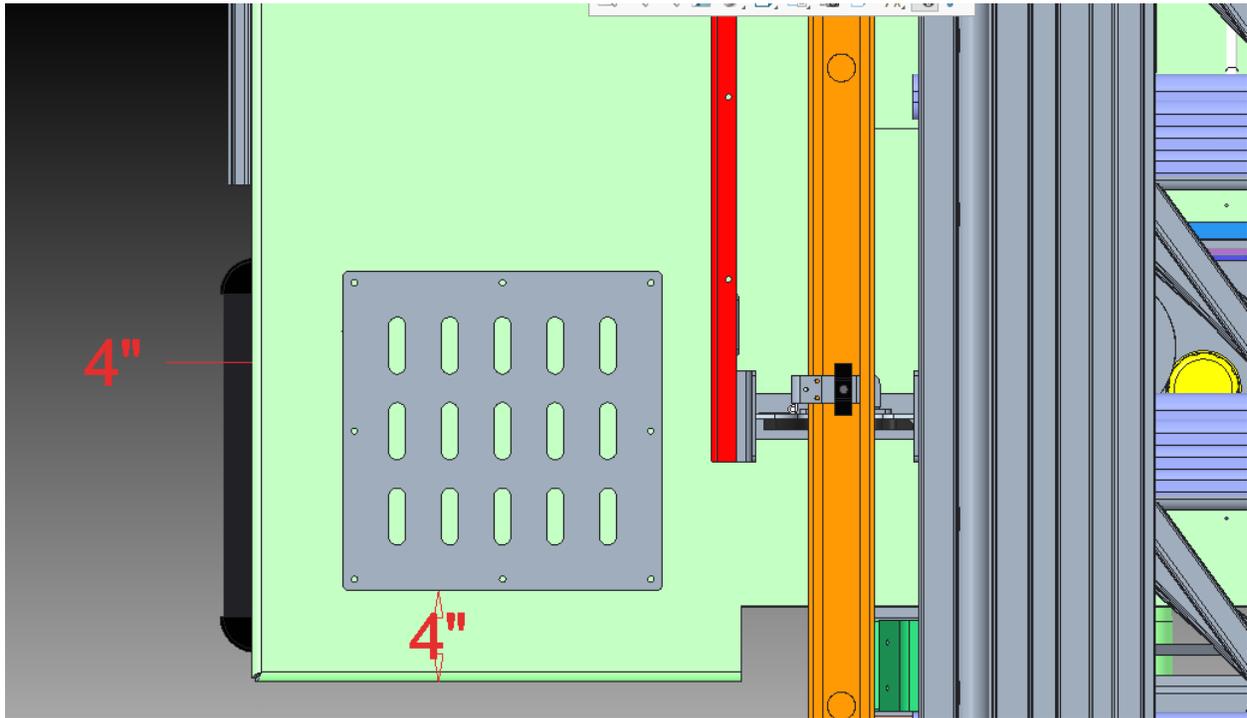


2. Locate the exhaust muffler and outlet pipe on the vehicle. It will be located at the front of the body, on the officer's side, behind the cab.

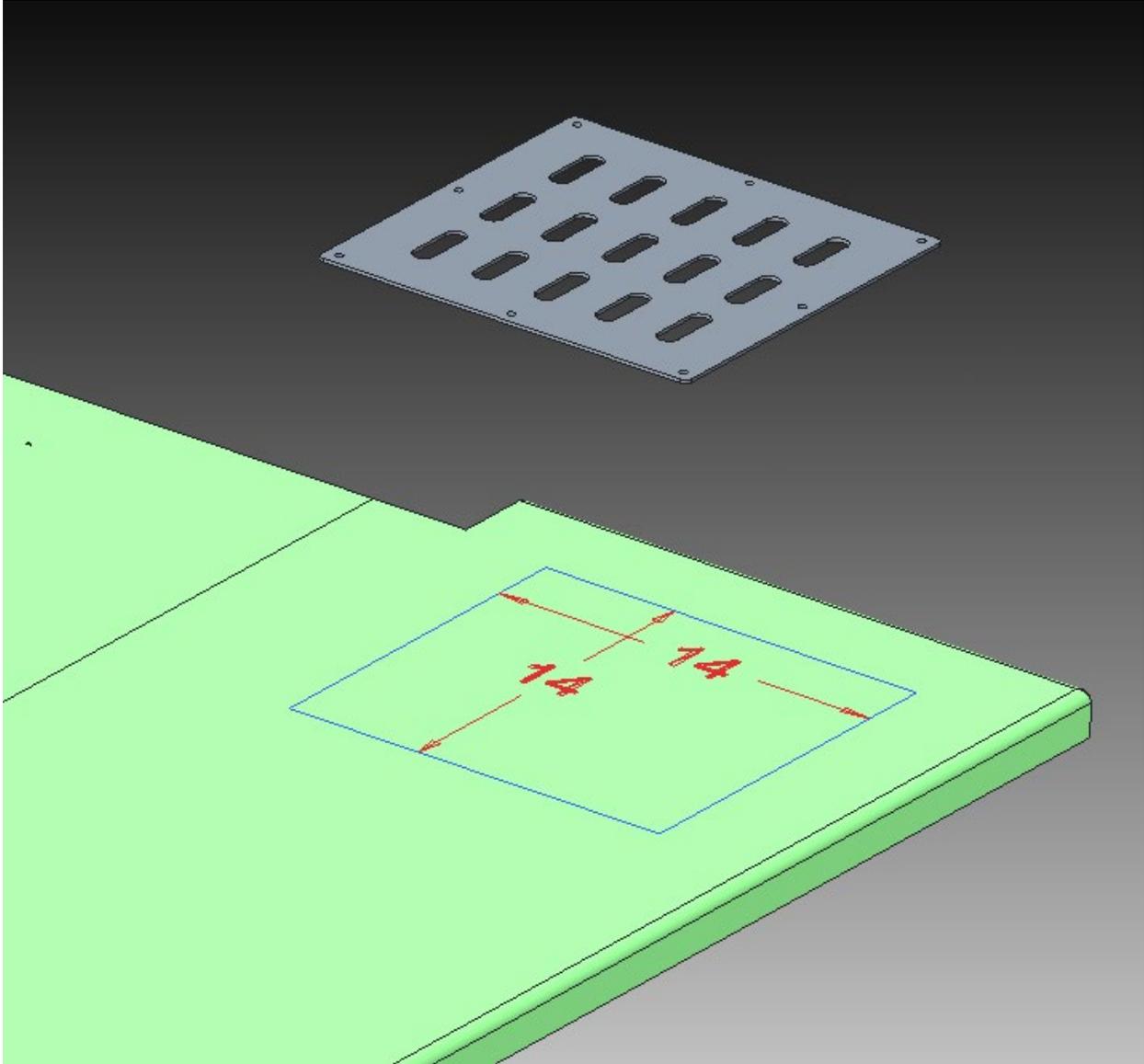
3. Locate the exhaust access plate on the officer's side of the vehicle. Remove the access plate.



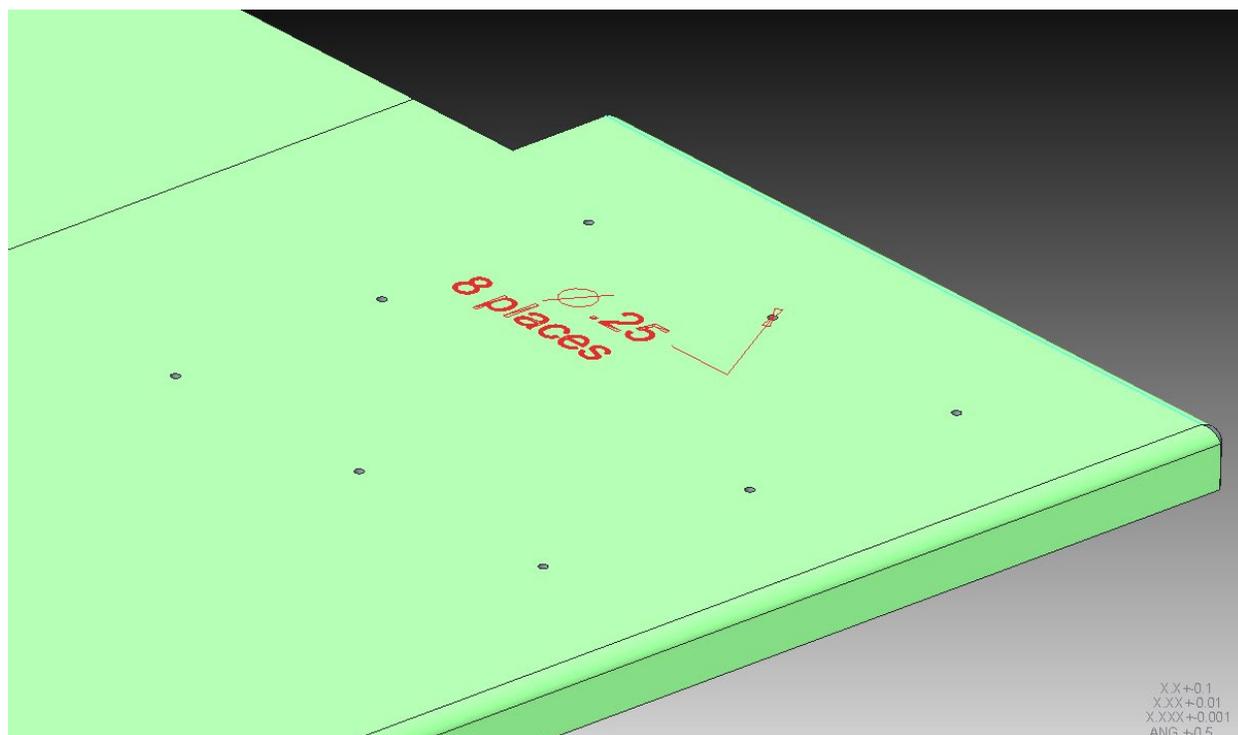
4. Locate the exhaust U-bend at the top of the muffler. The supplied vent plate will be installed above this exhaust component. An approximate location for the plate is shown below.



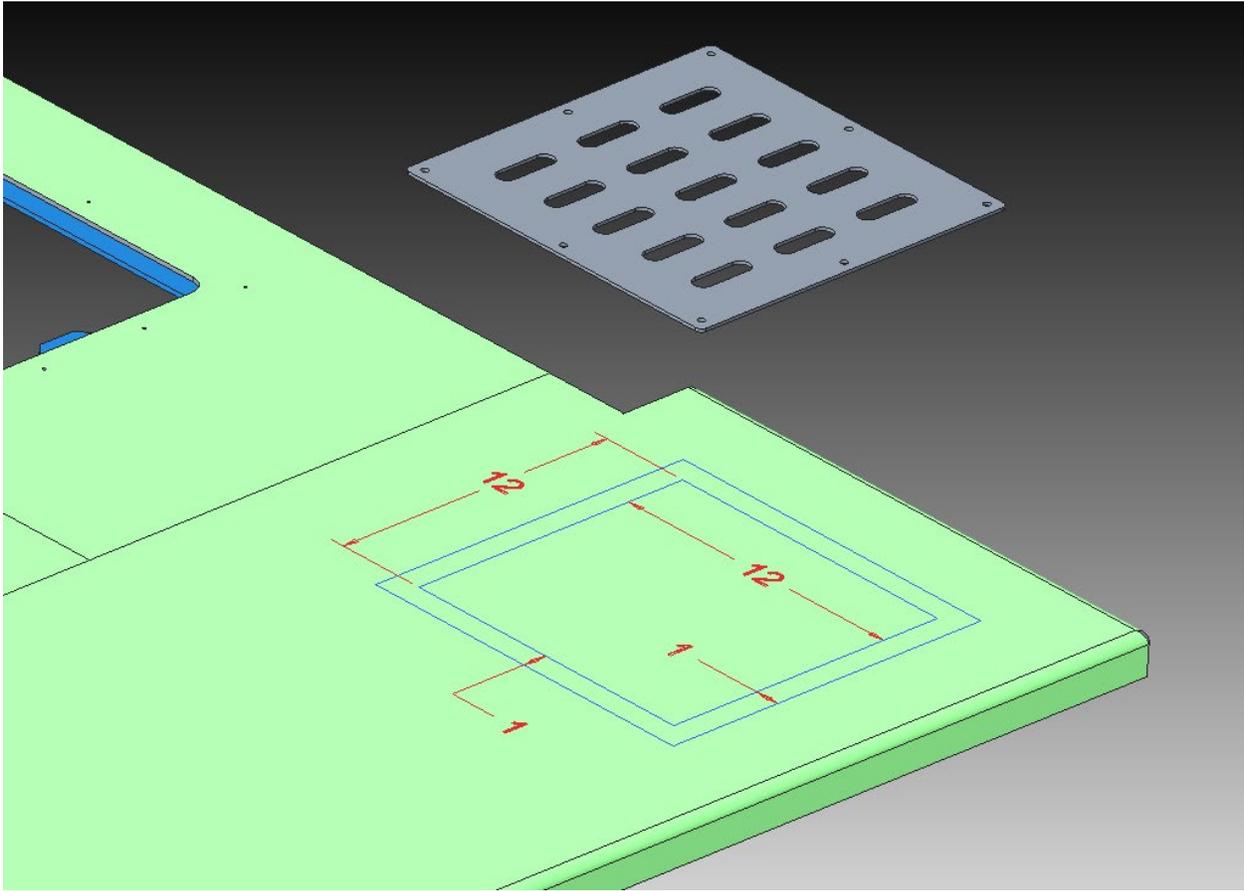
5. Remove the top deck plate above the exhaust U-bend.
6. Place vent plate on top of the top deck plate that was removed. Use a marker to mark the location of the eight  $\frac{1}{4}$ " holes in the vent plate onto this plate. Use a marker to draw an outline of the vent plate on the top deck plate. The outline should be 14" x 14".



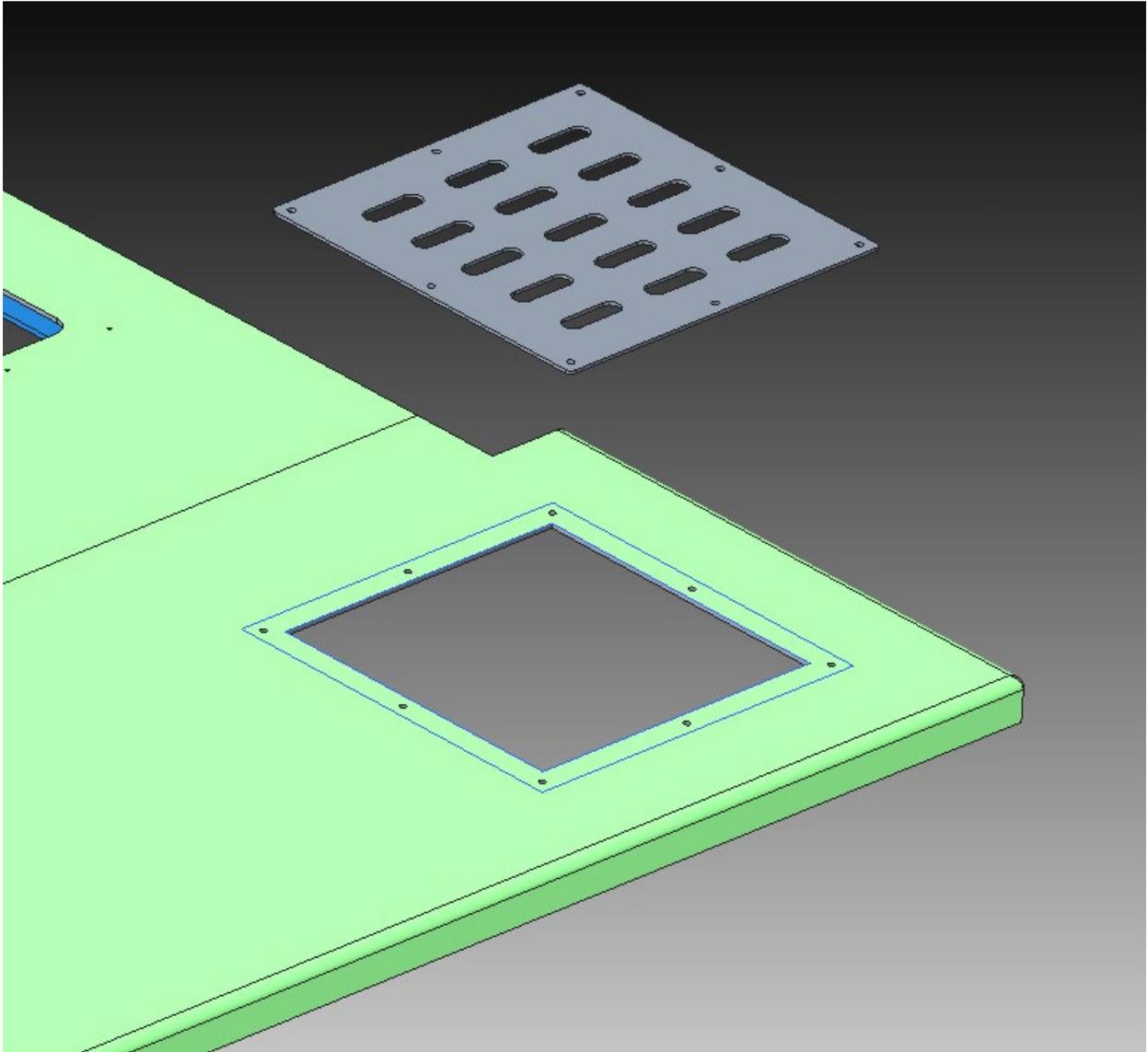
7. Match-drill the eight marked holes with a 1/4" drill bit.



8. Set the vent plate aside. Use a straight-edge to draw a square that is 1" narrower on all sides than the square outlined earlier. This smaller square should be 12" x 12".



9. Use a cut-off wheel to cutout the 12" x 12" square from the top deck plate. Use a handheld sander and angle grinder to deburr the sharp edges of the cutout.



10. Place vent plate on top of the top deck plate and fasten the two together using the ¼" hardware. Reinstall the top deck plate in its original location.

