WCC #99.03.28 - 3 Hours 24V606 & 2024-464

Tools Needed:

1. Screw gun with proper bits (#2 square bit and 3/8” nut driver bit)
2. Extension for bits to reach generator mount screws
3. Straight edge to layout new air intake opening cut out location
4. Tool to cut out new air intake opening (air saw, cut off wheel, etc..)
5. 1/2” socket with extension to remove generator exhaust clamp nuts

Parts needed:

1. Foil tape to seal opening from the inside
2. Darco Underbelly Tape to repair flooring Darco
3. 2x2 lumber to build perimeter of opening. Will need approximately 24”
4. #10-16 x 1 ½” #2 Phillips self-tapping screws

Repair time: 3 hours

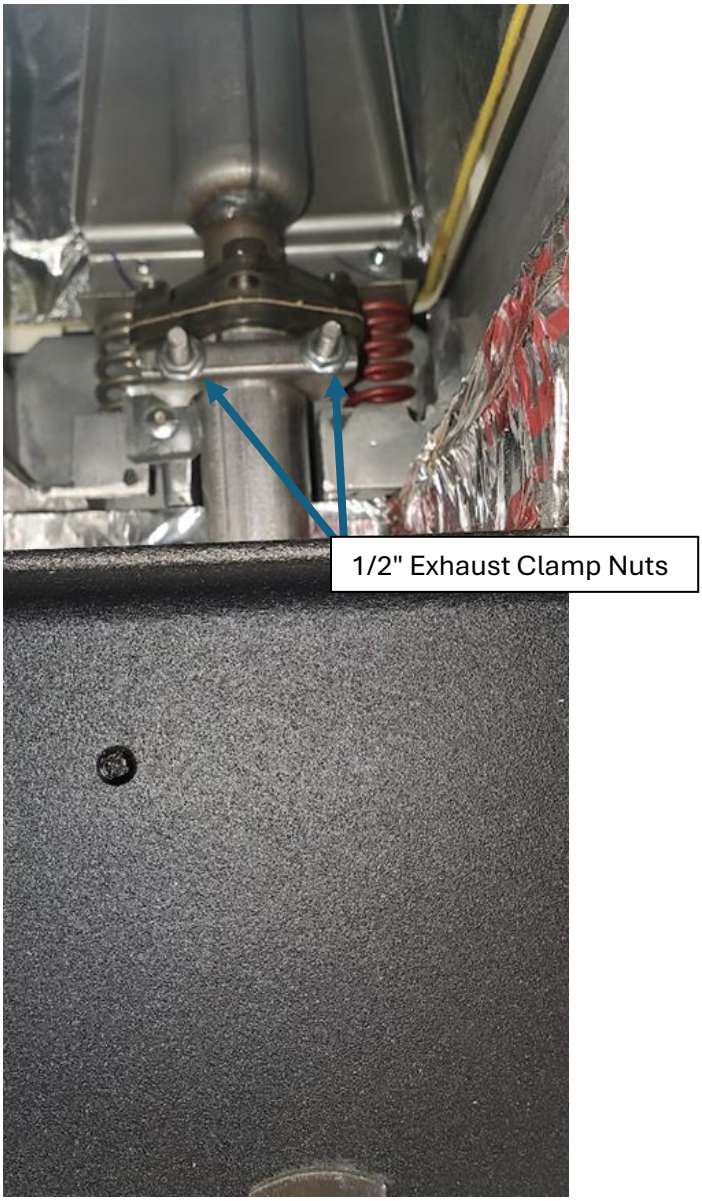
PROCEDURE

Step 1: Removing Generator Mounts

1. Locate and remove the two generator securement screws located towards the front of the generator.

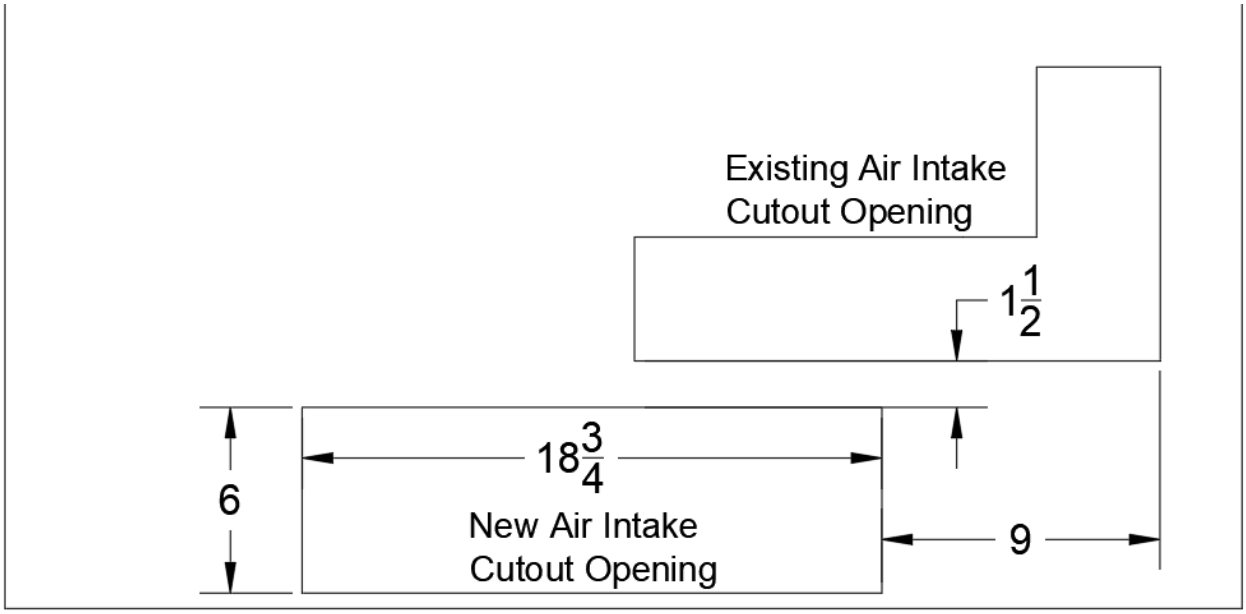
Step 2: Removing Exhaust

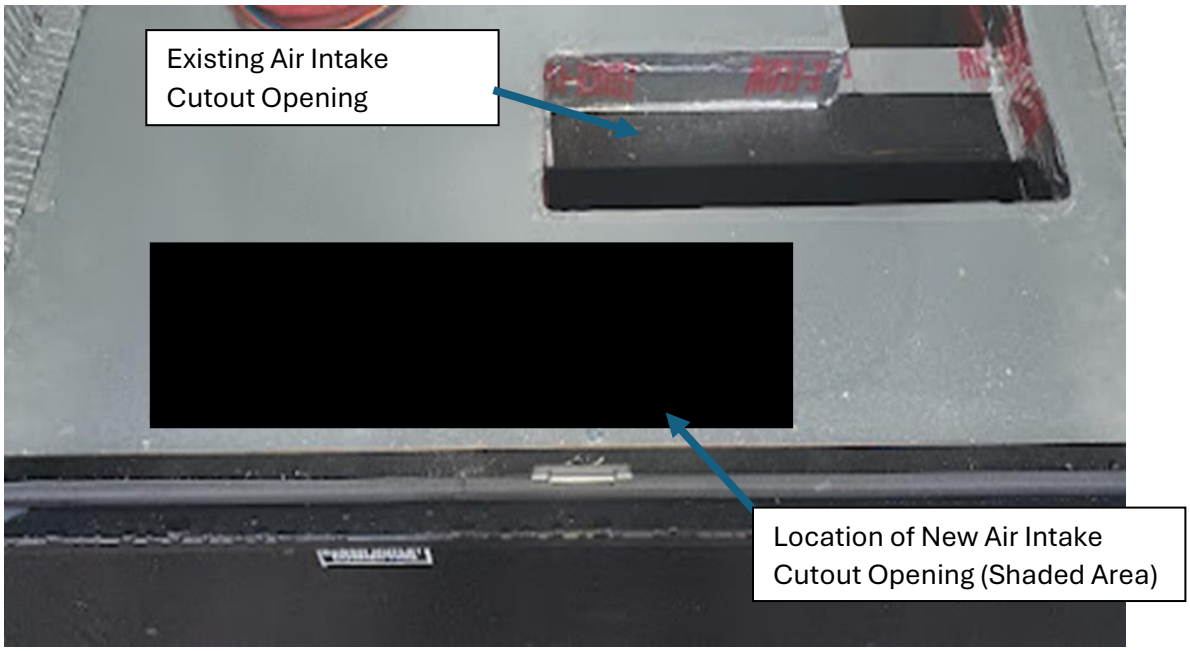
1. Loosen 1/2” exhaust clamp nuts until exhaust pipe is free and can be removed
2. Remove 3/8” Self-tapping bolts from Exhaust Hanger



Step 3: New Exhaust Cutout Opening

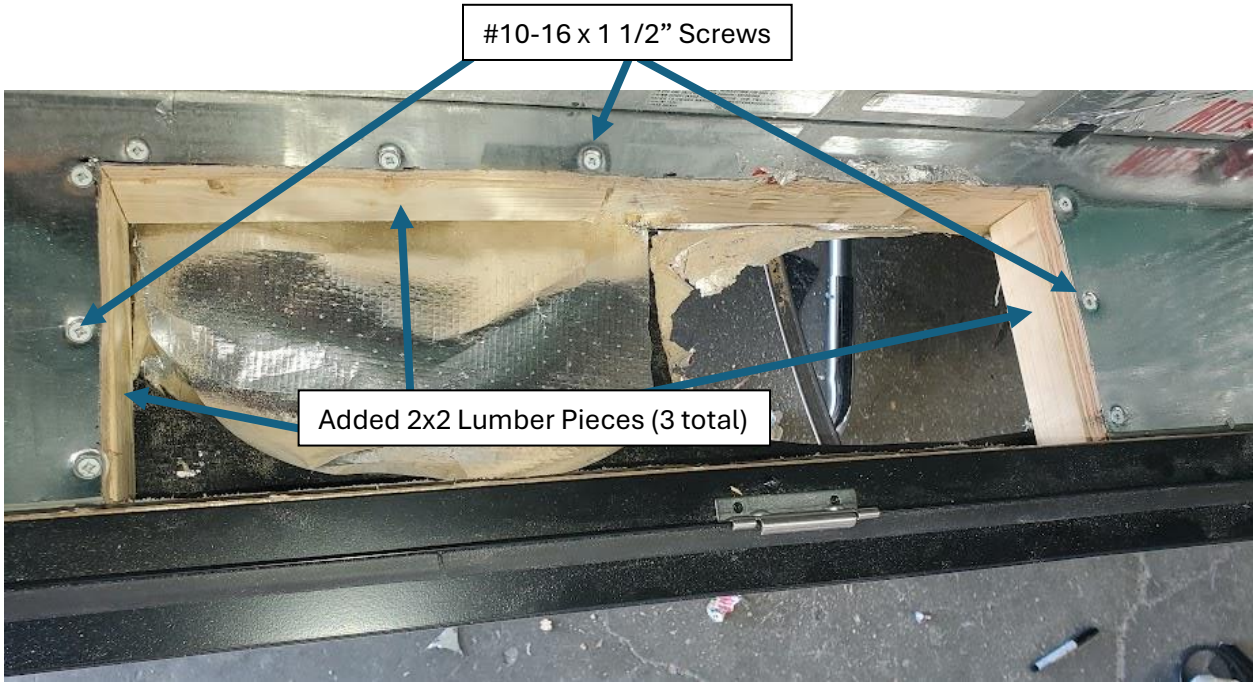
1. Once the generator securement screws and exhaust have been removed, push generator as far back as possible to allow access for new air intake opening
    - **New Air Intake Cutout Opening Dimension: 6 x 18 3/4"**
2. See dimensions below for size and location of new air intake cutout opening
3. Cut out the new air intake cutout opening using an air saw, cutoff wheel, etc.....





Step 4: Framing

1. Cut and install 2x2 lumber to the perimeter of the new air intake cutout opening. Secure using approximately 10-12 #10-16 x 1 ½” #2 Phillips self-tapping screws



Step 5: Tape and Sealing

1. Repair cut Darco using Darco Underbelly Tape
2. Use foil tape to seal over screw heads and any exposed lumber. **Make sure all edges and corners of the new air intake cutout opening have been covered**

Step 6: Securing

1. Use foil tape to seal front exhaust opening
2. Reposition generator over the new air intake cutout opening. **Make sure there is at least 1/2" clearance between the front of the generator and the sidewall**
3. Secure generator with the generator mounting brackets using #10-16 x 1 ½” self-tapping screws