

Hamilton Safe Company

98RH Nighthead

Instruction sheet for replacing Diebold Polaris with Hamilton 98RH.

DOCUMENT NUMBER : 08-325

Diebold Polaris



Hamilton 98Rh

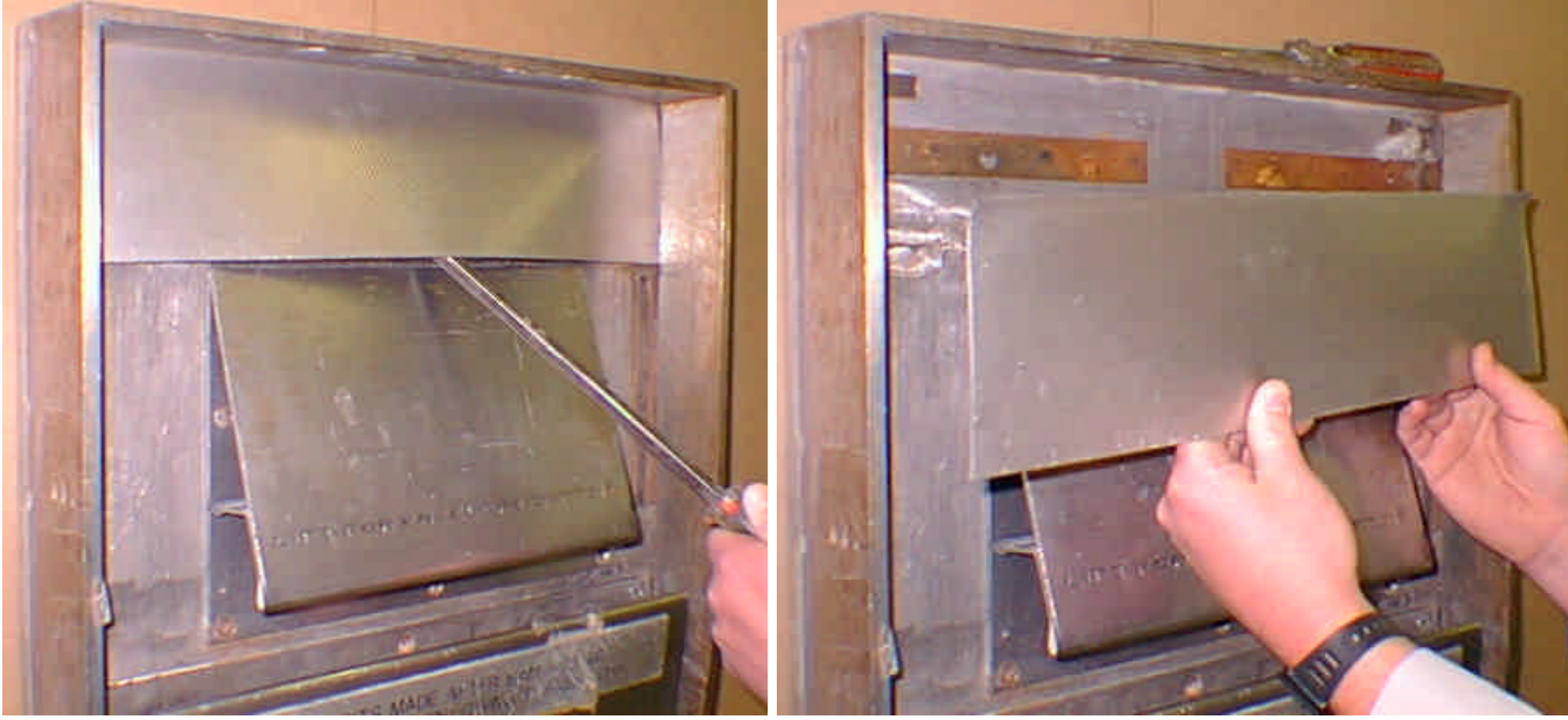


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Kit for replacing Diebold Polaris includes support bracket, template, 11-1/8" x 12-7/8" x 3/16" plate, envelope housing cover.

Tools required: Hex wrench set, cold chisel, hammer, saws-all with 6" blade (cutting torch optional), screwdrivers, 5/16" drill, 1/4" drill, 3/8-16 tap, grinder.

Step #1: Remove the decorator metal from the entire face of the Polaris head. The decorator metal require being pried out or screws removed.

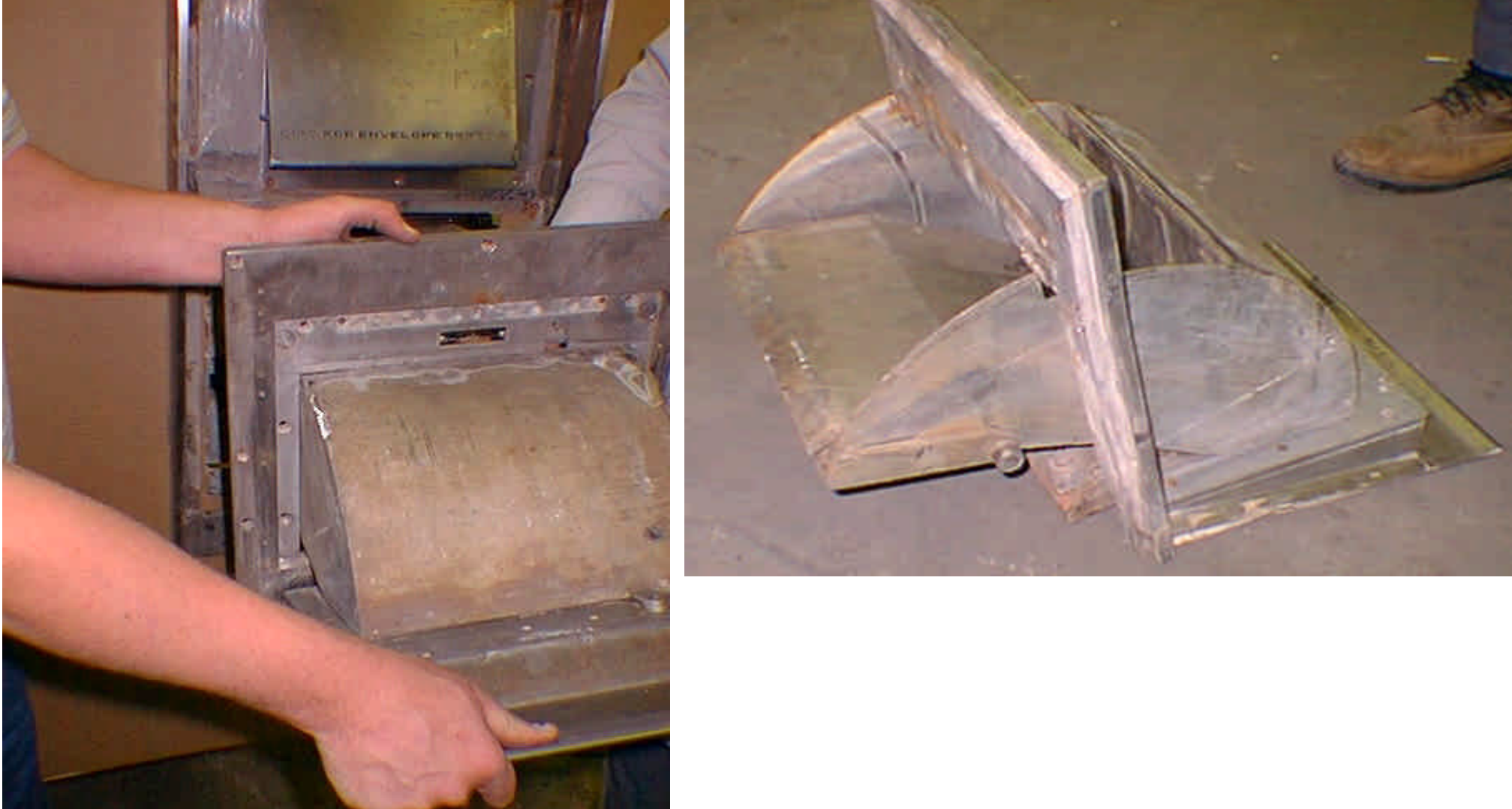


Step #2: Remove fourteen screws that hold the lower bag depositories face to the housing. The hopper door will need to be opened to access seven of these screws. The red label covers one screw.



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Step #3: The lower bag depository face and hopper can be removed with the hopper in the open position.



Step #4: Remove eight screws that hold the upper envelope face to the face trim. Remove the envelope depository mechanism with the door in the open position.

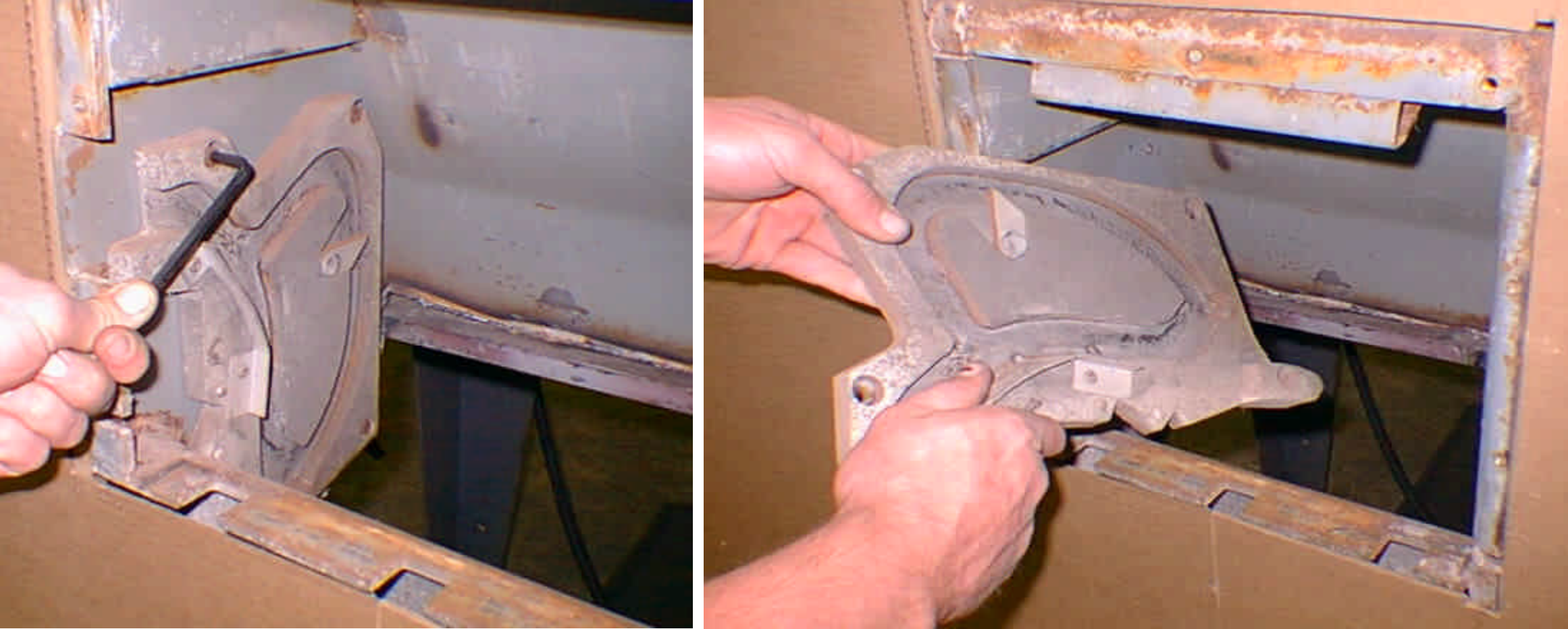


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Step #5: Now exposed are four screw ends, marked with arrows in picture below. Drill the screws out with a 1/4" drill. Remove the face trim collar assembly.

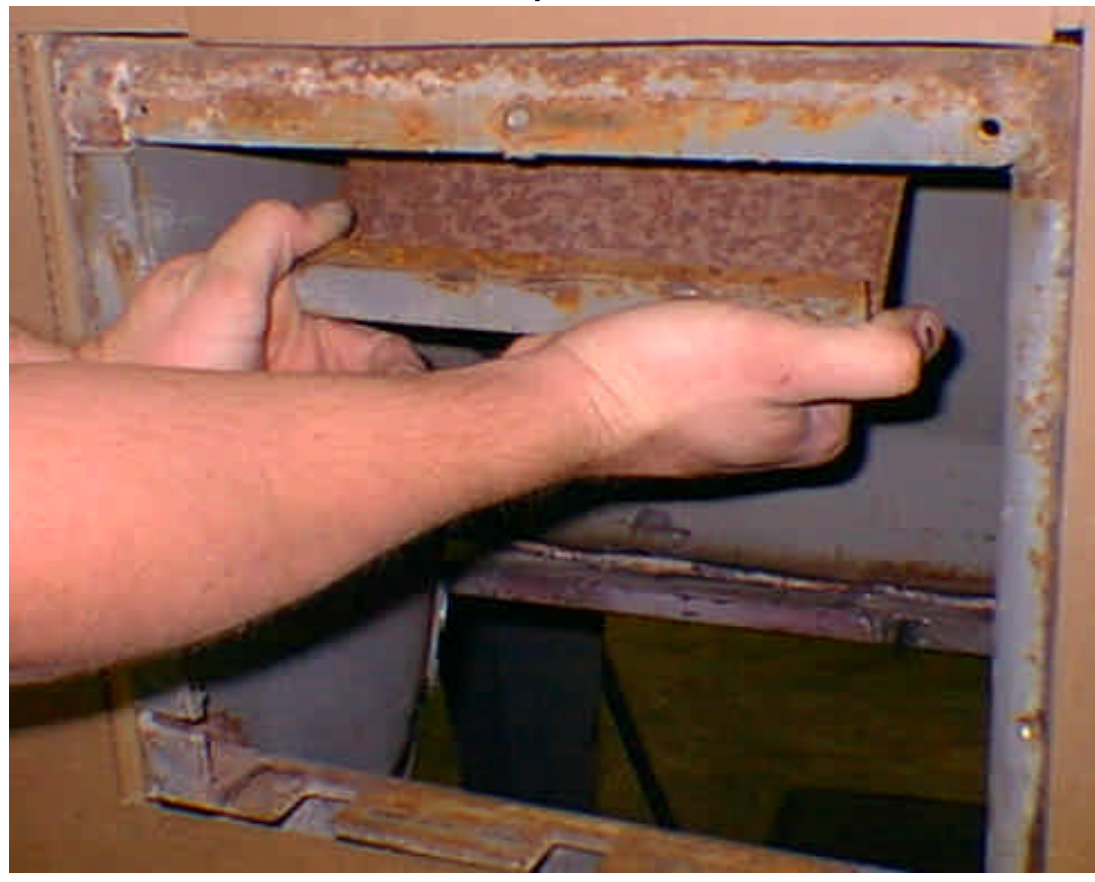


Step #6: Remove the four screws holding the gate guide track with hex wrench and remove gate guide track.



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Step #7: Break the welds holding the front of the curved plate at the top of the bottom housing with a cold chisel and hammer. Bend the plate down to break the welds in the rear and remove the plate.



Step #8: Break the welds holding the plate on the upper left side of the housing with the chisel and hammer and remove plate.



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Step #9: Mark four inches down from the bottom inside edge of the bottom housing. This section of wall will need to be removed. This may require a chisel for grout or brick.



Step #10: Using a saws-all, cut and remove the metal on the left side and top of the housing so they are flush with the inside wall and inside top of the housing.



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Step #11: Cut down both inside edges of the housing to the 4 inch mark on wall and remove lower section of housing.



Step #12: Using grinder, make all the edges flush with the wall face and the inside of the housing to make the opening 13-1/2" minimum width and 16-3/4" minimum height.



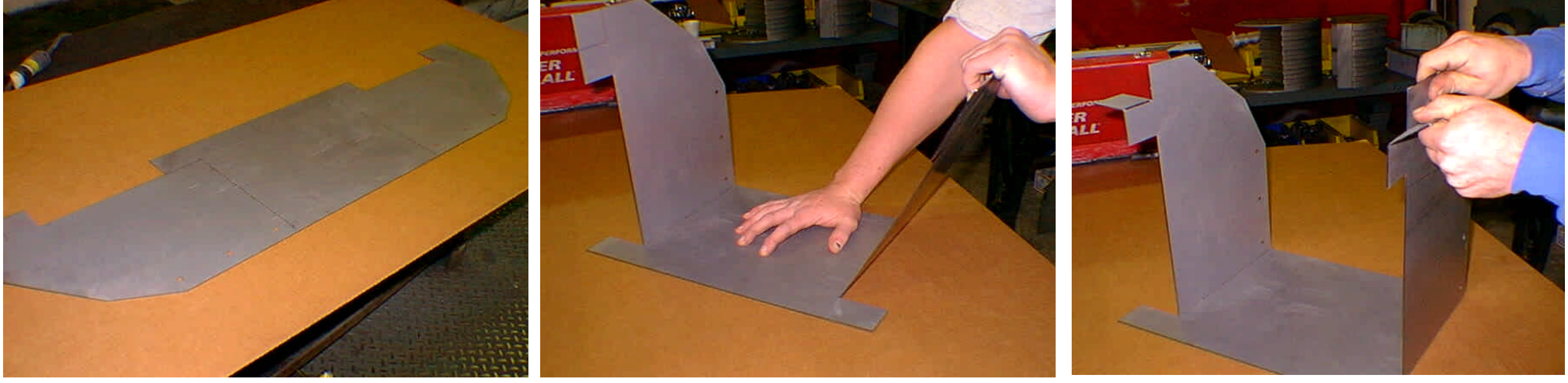
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Step #13: Place the new support bracket into the opening. Level the bottom edge and weld bracket to the sides of the housing.

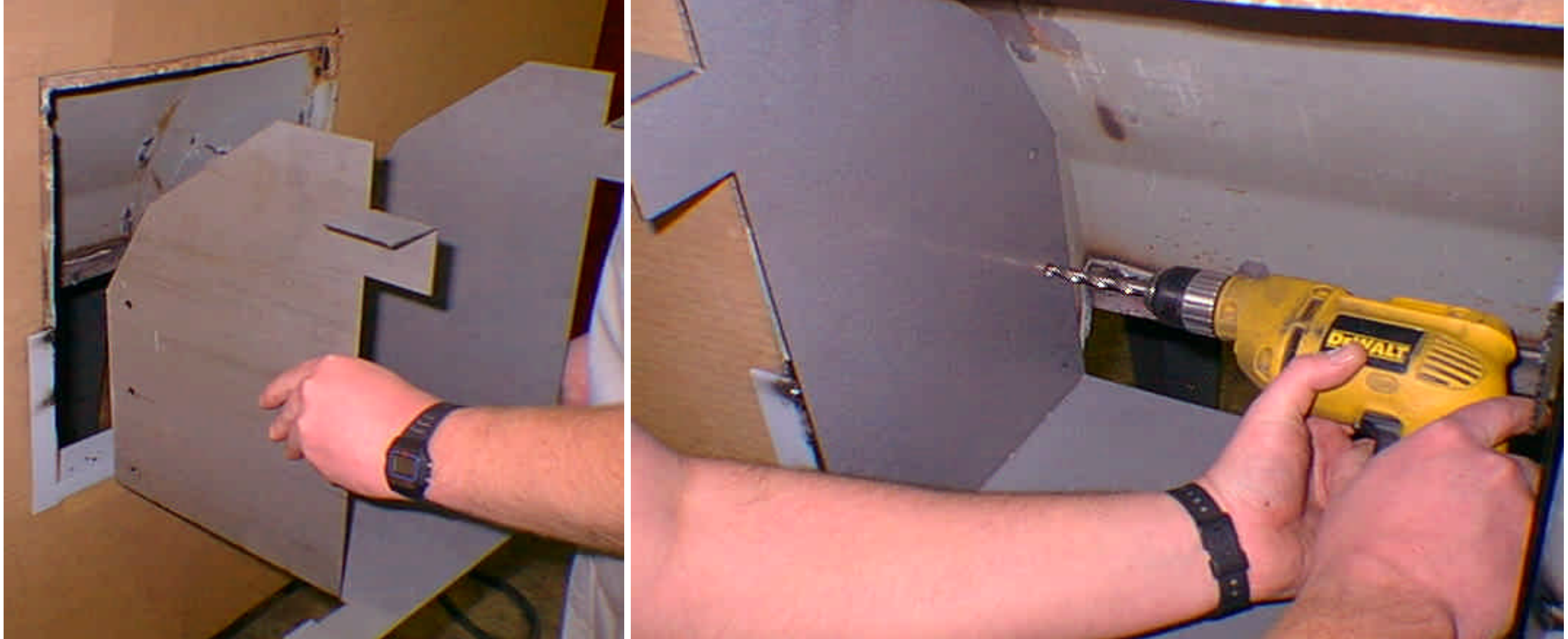


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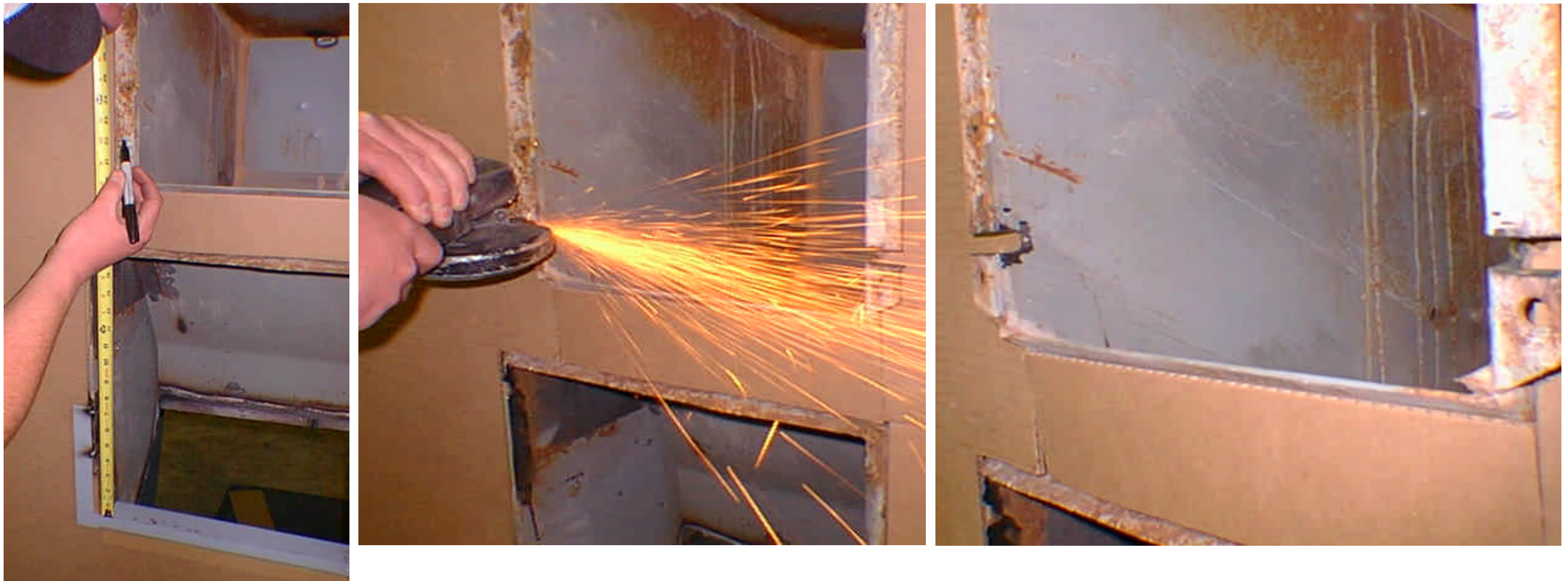
Step #14: If your template is not yet formed, bend both sides up 90 degrees and bend both tabs on the top of each side down 90 degrees.



Step #15: Place the template into the housing making sure the four tabs are flush with the wall face. Drill the six holes with a 5/16" drill. The holes need to be tapped 3/8-16.



Step #16: Measure up from the top edge of the support bracket 21-3/4" and 22-1/4" and mark the top housing on both sides. Grind flush with the wall face between the marks.



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Step #17: Weld 11-1/8" by 12-7/8" plate into opening of top housing. Make sure the plate does not block the notches you just ground into the housing face.



Step #18: Set the new 98RH Nighthead in the housing and partially open the bucket to allow the head to be pushed into the housing flush with the wall face. From inside the safe bolt the new head into place using six 3/16-16 bolts with lock washers and flat washers.



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Step #19: Set the envelope housing cover pan on top of the 98RH aligning both sides with the 98RH sides. Drill two 5/16" holes through the plate you welded into the envelope housing. Tap the holes 3/8-16 and bolt the cover in place.



Step #20: Place the stainless steel cover over the brackets on the cover pan and screw it in place using the 8-32 screws supplied.

