

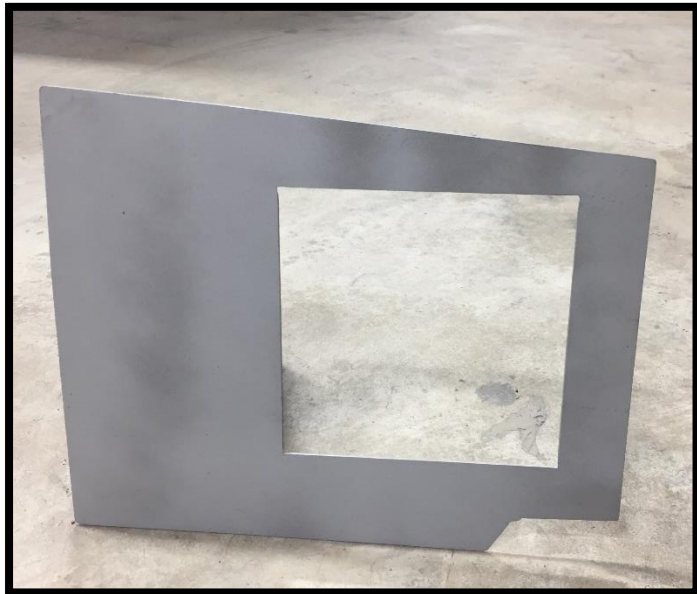
**AFTERMARKET WELDING INSTRUCTIONS TO FIREWALL
(65'-66' Mustang)**



PART: MA58-67450 WELD ASSEMBLY, HYDRABOOST MOUNT



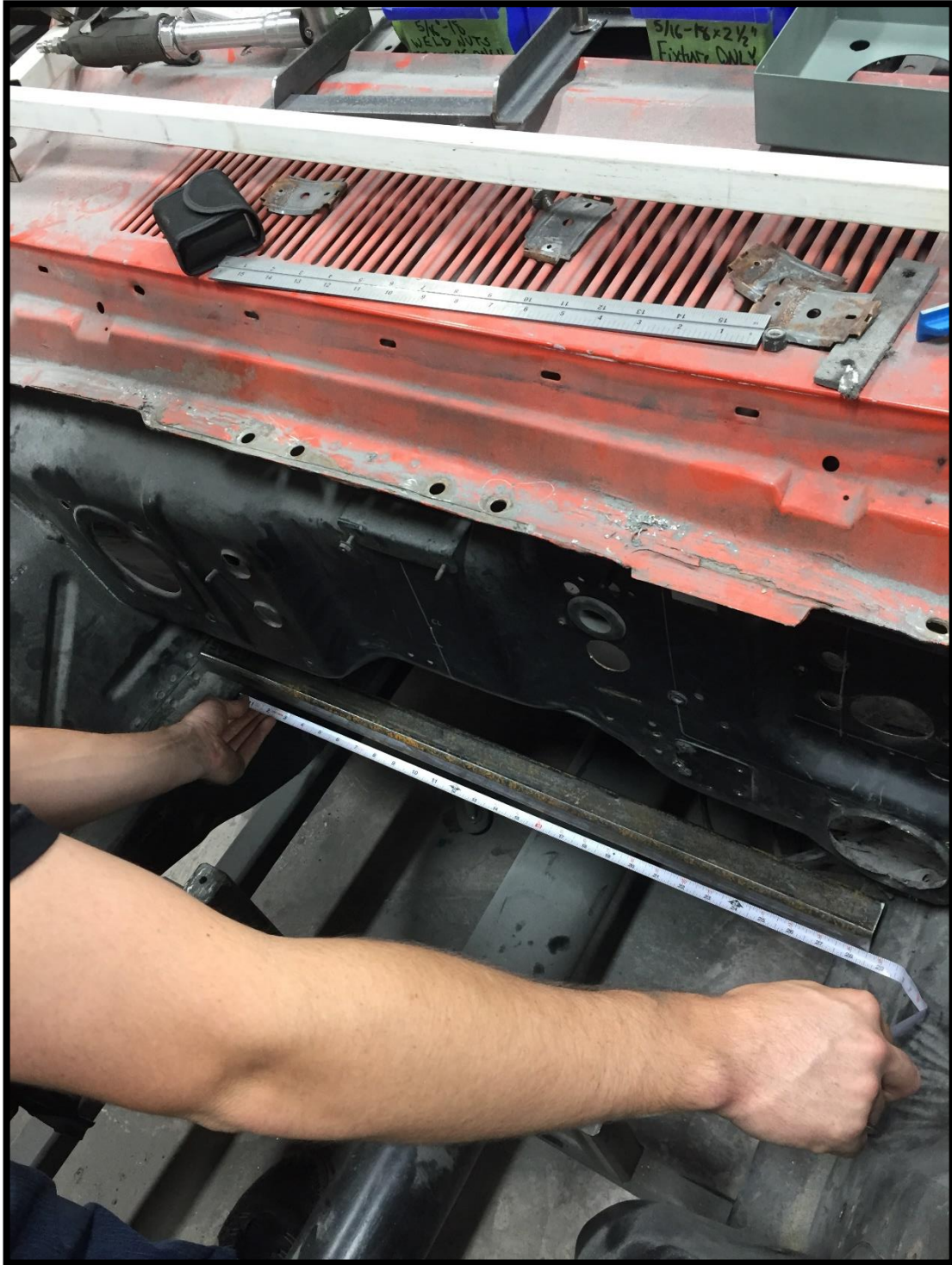
PART: MA58-11405 BOX, HYDRABOOST FIREWALL



PART: MA56-11404 PLATE, HYDRABOOST FIREWALL



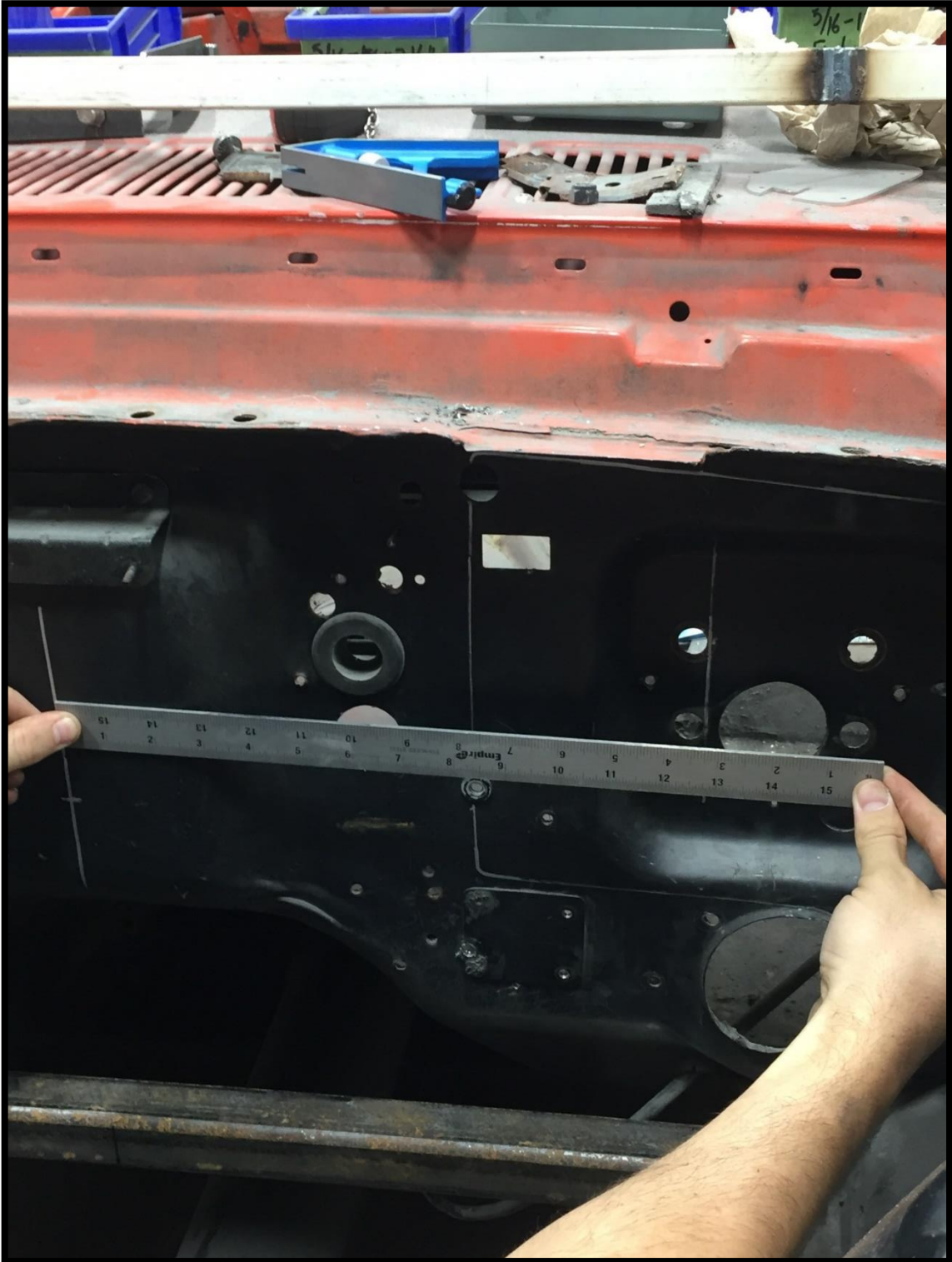
LAY A PIECE OF SQUARE TUBING OR A 2" BY 4" ACROSS THE FRAME RAILS. MAKE SURE THE SQUARE TUBING IS SQUARED UP WITH THE FRAME RAILS.



MEASURE THE DISTANCE BETWEEN THE FRAME RAILS TO DETERMINE THE CENTERLINE OF THE VEHICLE.



USE A COMBINATION SQUARE AND MARK YOUR CENTERLINE DISTANCE ON THE FIREWALL.



MEASURE 12 $\frac{3}{4}$ " FROM THE CENTERLINE AND MARK IT.



MEASURE 9 1/2" FROM TOP OF FRAME RAIL AND MARK IT.



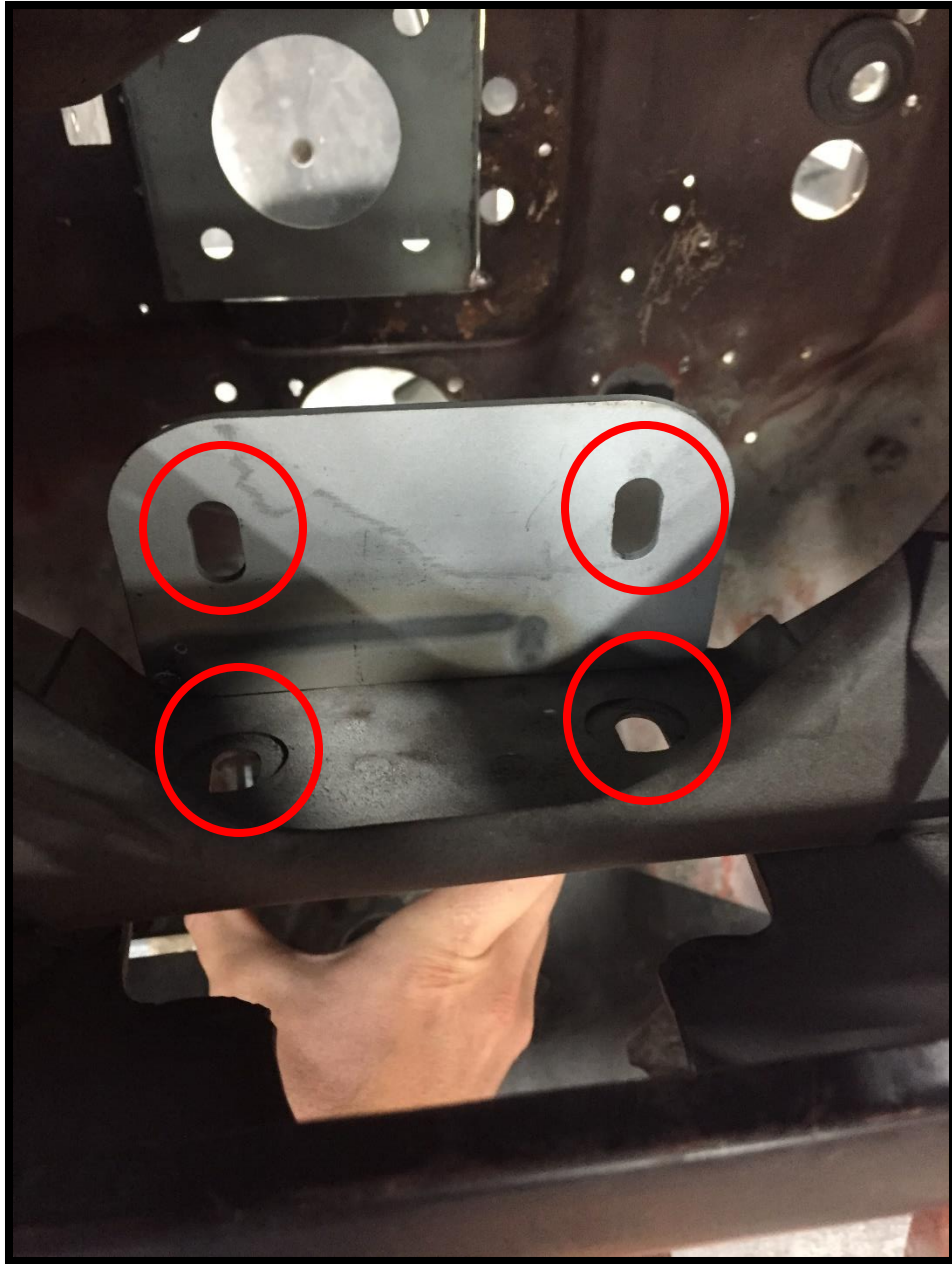
TRACE A 5-5/8" BY 5-5/8" SQUARE BASED ON THOSE MEASUREMENTS.



CUT THE TRACED SQUARE OUT.



VERIFY HYDRABOOST BOX HAS JUST ENOUGH CLEARANCE TO FIT THROUGH HOLE IN FIREWALL. FIREWALL MAY NEED TO BE SHAVED DOWN TO FIT ACCORDINGLY.



LINE UP SLOTTED HOLES ON THE (MA58-67450) WELD ASSEMBLY, HYDRABOOST MOUNT AND THE SLOTTED HOLES INSIDE THE DASH ABOVE THE STEERING COLUMN NOTCH. USE 5/16-18" BOLTS, NUTS AND WASHERS TO FASTEN TO DASH.





SLIDE HYDRABOOST BOX THROUGH CUT OUT IN FIREWALL AND BOLT TO (MA58-67450) WELD ASSEMBLY, HYDRABOOST MOUNT USING 3/8"-16 BOLTS AND NUTS.



SLIDE PLATE, HYDRABOOST FIREWALL (MA56-11404) OVER THE HYDRABOOST BOX AND TRACE THE OUTLINE OF THE PLATE ONTO THE FIREWALL. PLATE MAY NEED TO BE TRIMMED TO HAVE CLEARANCE FROM THE LEFT APRON.

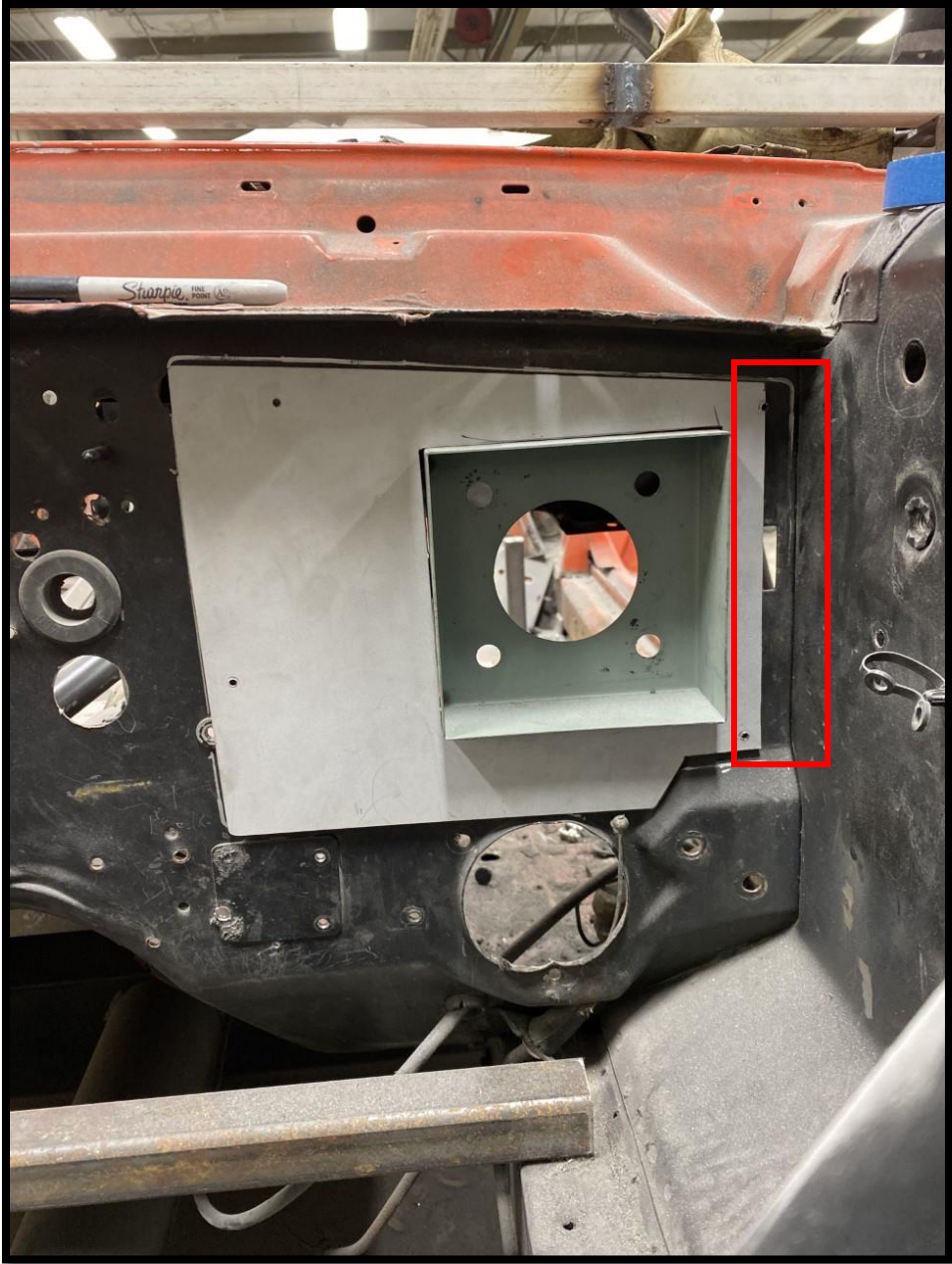
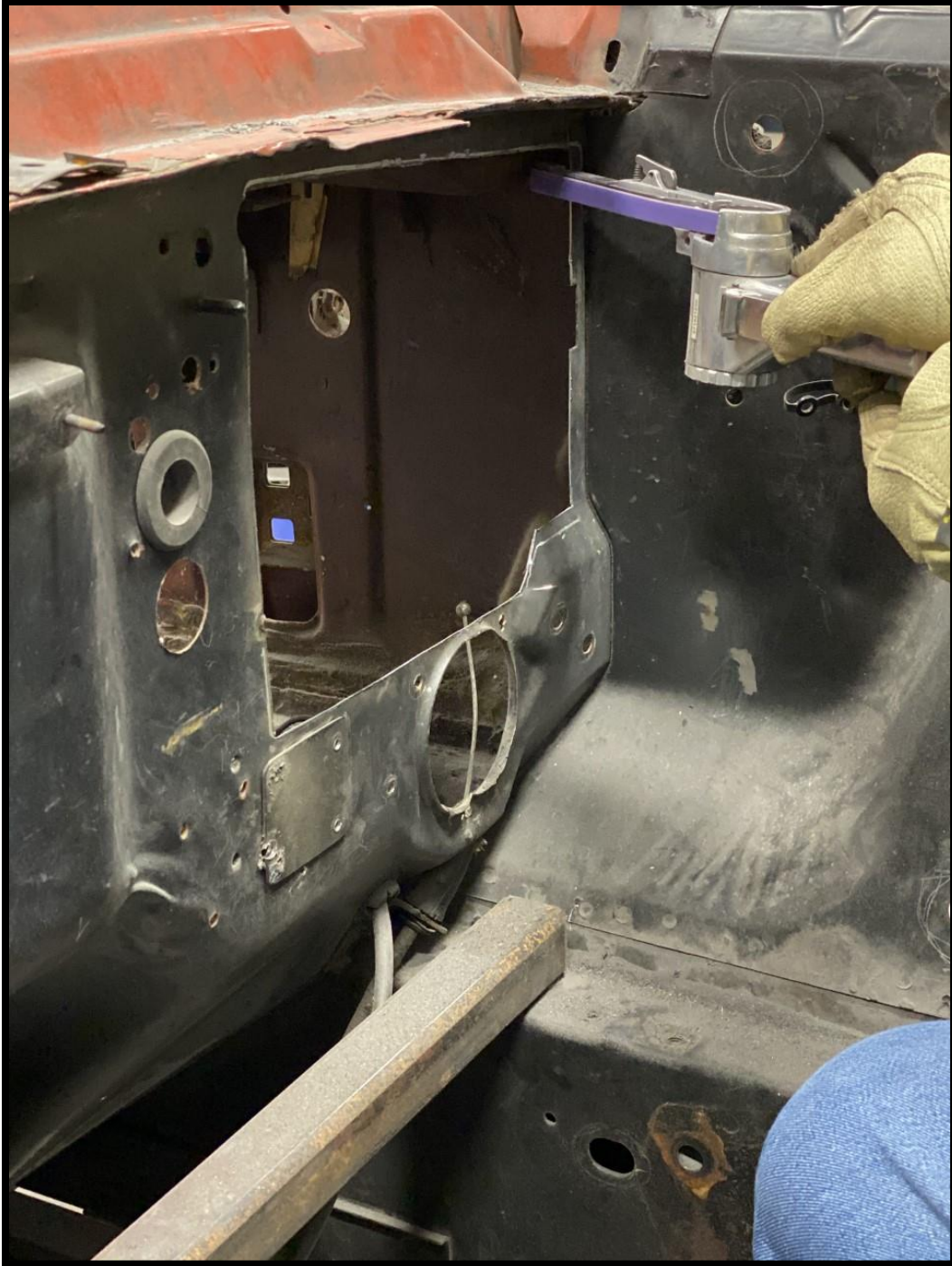


PLATE TRIMMED FOR CLEARANCE FROM APRON



UNDO BOLTS FROM BOX TO PEDAL ASSEMBLY AND CUT THE TRACED SHAPE ON FIREWALL





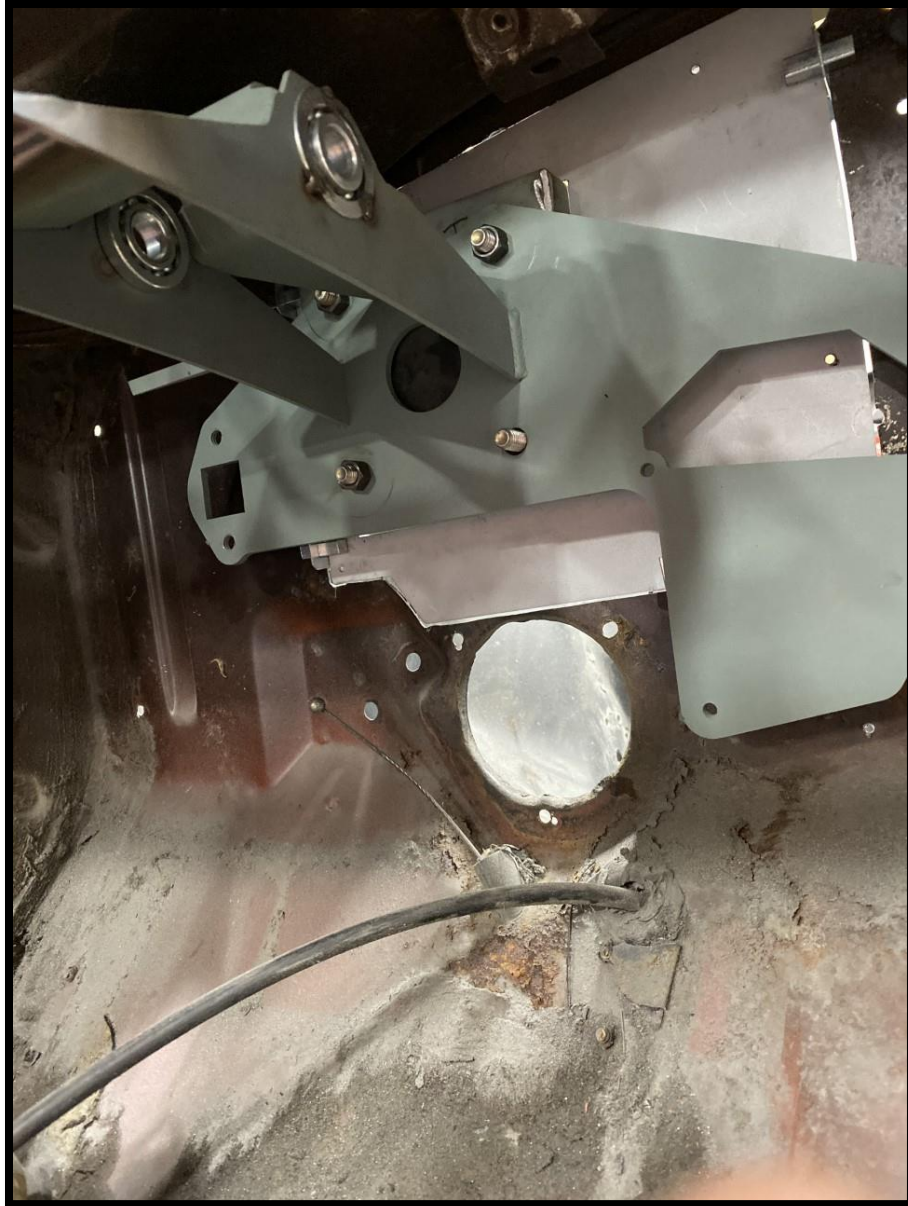
*SOME GRINDING MAY DONE TO HELP WITH FITMENT FOR THE
HYDRABOOST PLATE*



BUTT WELD CLAMPS ARE VERY USEFUL FOR THE NEXT STEP.



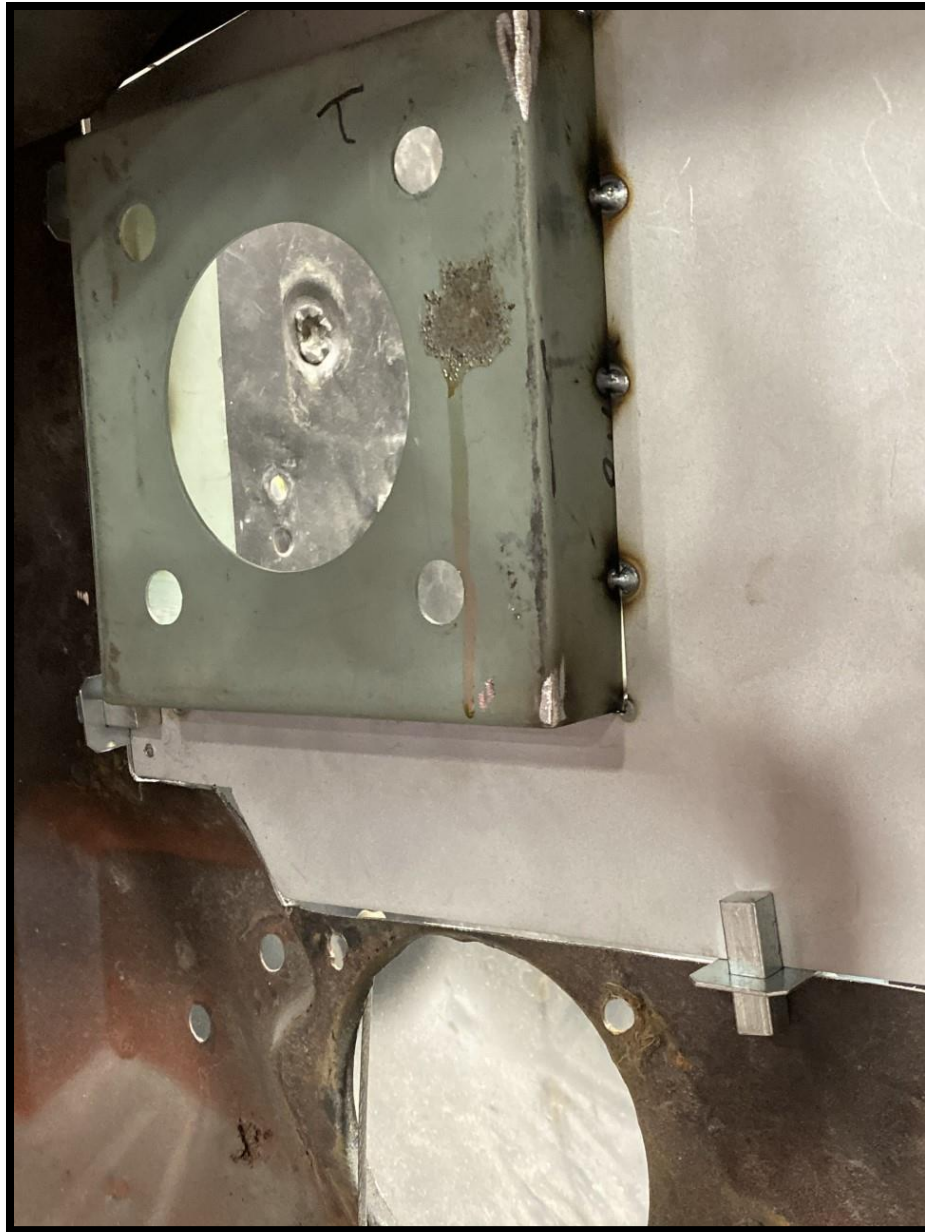
USE FOUR BUTT WELD CLAMPS TO SECURE THE PLATE INSIDE THE CUTOUT ON THE FIREWALL.



WITH THE PEDAL ASSEMBLY BOLTED TO THE DASH, SLIDE THE BOX THROUGH THE OPENING IN THE PLATE AND BOLT BACK TO THE PEDAL ASSEMBLY.



TACK WELD THE CORNERS OF THE BOX TO THE PLATE. DO NOT WELD THE PLATE TO THE FIREWALL YET.



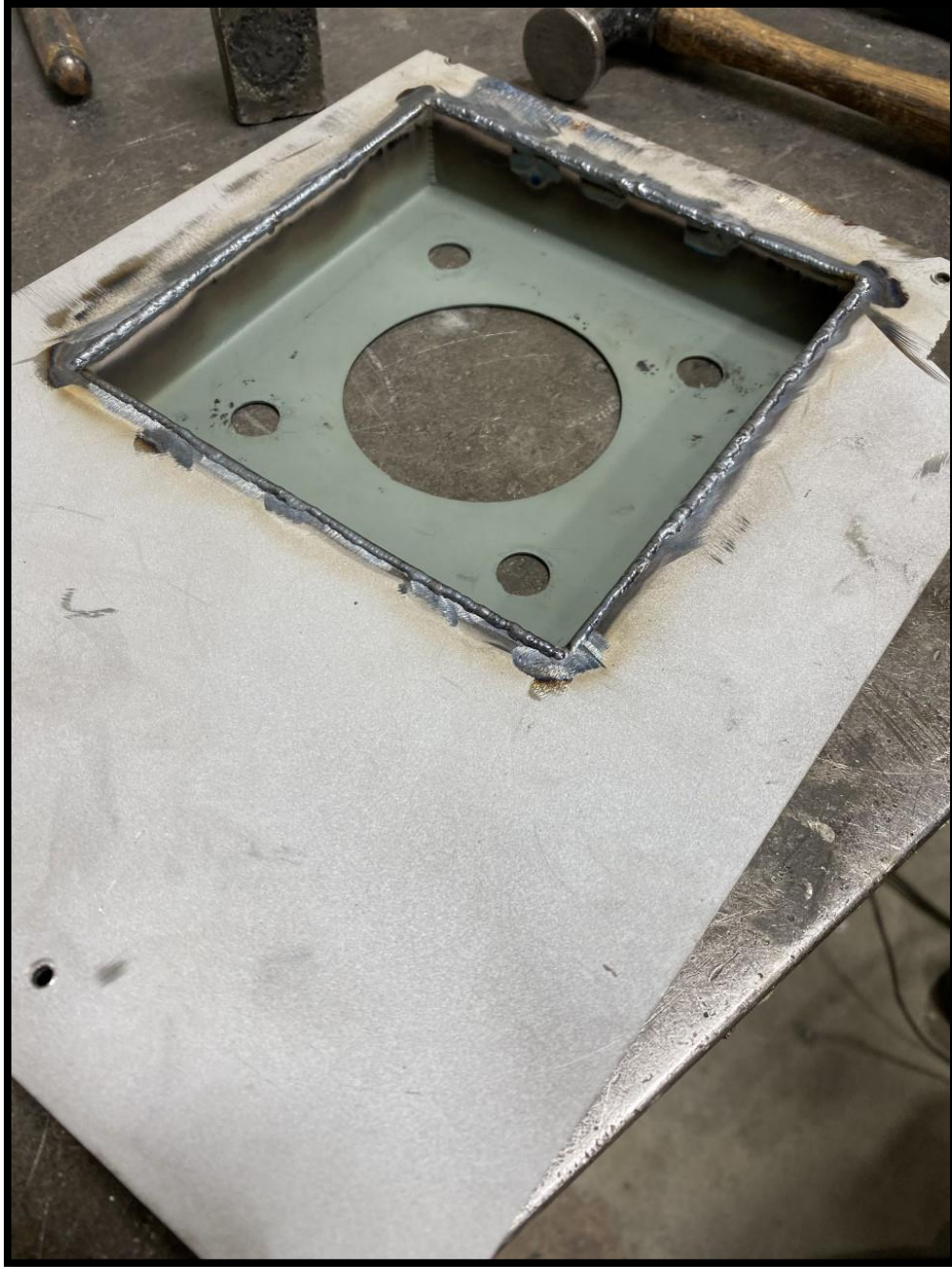
PUT SOME TACKS ON THE INSIDE PART OF THE PLATE.





NOW THAT THE BOX IS TACK WELDED TO THE PLATE, REMOVE THE BOX AND PLATE FROM THE FIREWALL. CUT OFF THE EXTRA FLANGES ON THE BOX.





WELD THE EDGES WHERE THE BOX AND THE PLATE MEET. TIG WELDING IS PREFERRED HERE, BUT THIS CAN ALSO BE MIG WELDED.



CLEAN UP THE WELDS ALONG THE EDGES



AFTER THE BOX HAS BEEN FULLY WELDED TO THE PLATE AND CLEANED UP, SECURE THE PLATE BACK UP TO THE FIREWALL USING THE BUTT WELD CLAMPS. TACK WELD THE PLATE TO THE FIREWALL.

BEFORE FULLY WELDING THE PLATE TO THE FIREWALL, IT MAY BE A GOOD IDEA TO CHECK FOR ANY INTERFERENCE WITH THE PEDALS. CHECK FOR CLEARANCE FOR THE GAS PEDAL TO THE TUNNEL AND FIREWALL. CHECK FOR INTERFERENCE BETWEEN THE BRAKE PEDAL AND THE STEERING COLUMN. ALSO, CHECK FOR ANY INTERFERENCE FOR THE ADJUSTABLE BRAKE SWITCH BRACKET WITH THE STEERING COLUMN.

ONCE EVERYTHING HAS BEEN VERIFIED, FULLY WELD THE PLATE TO THE FIREWALL. USE THE APPROPRIATE TOOLS TO SMOOTH OUT THE WELDED SURFACE ON THE FIREWALL.