

## 1967-1968 Hydraboost Firewall Modification Instructions



**PART: MA78-67410 WELD ASSEMBLY, HYDRABOOST MOUNT**



***PART: MA58-11405 BOX, HYDRABOOST FIREWALL***



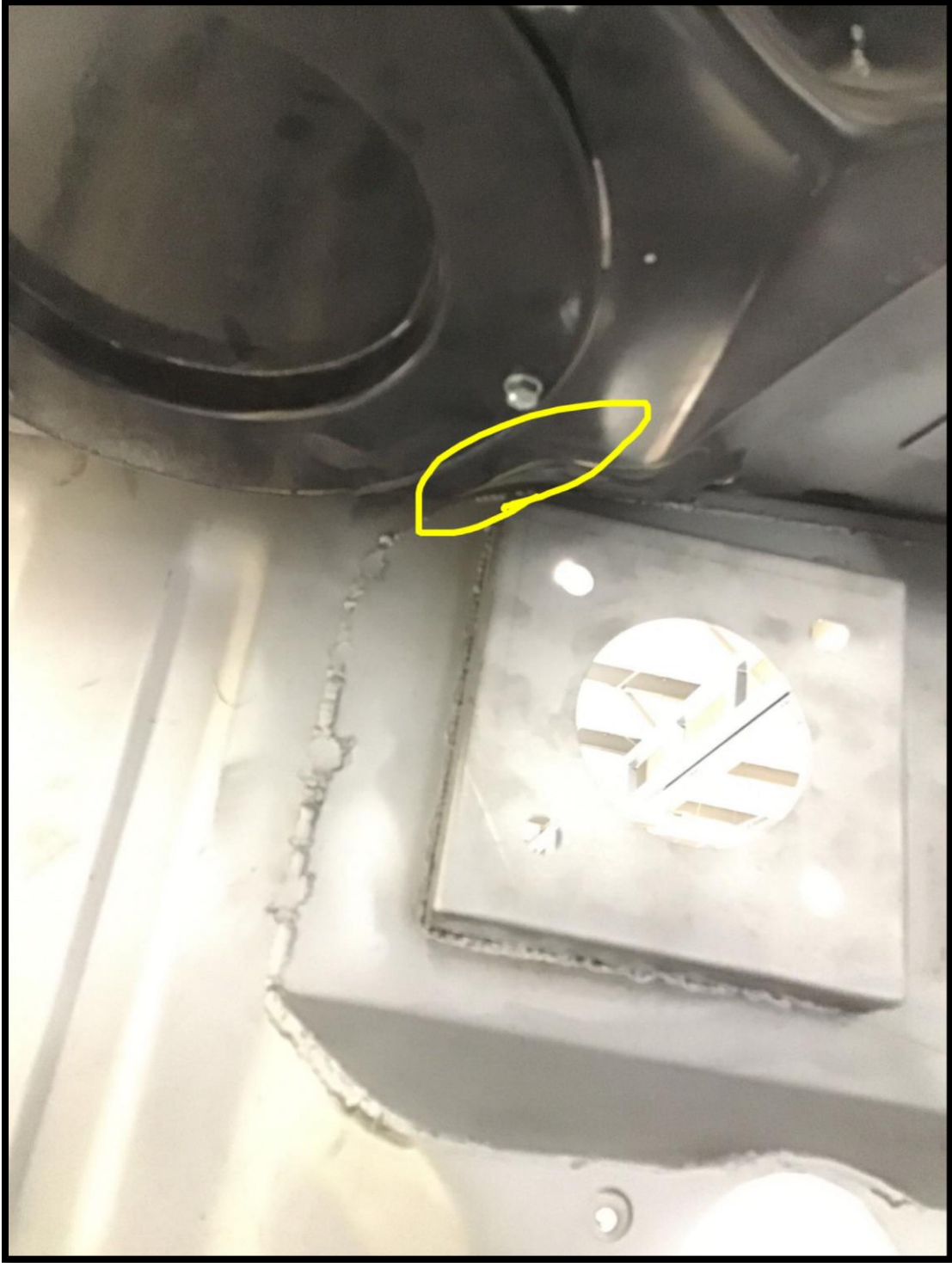
***PART: MA78-11404 PLATE, HYDRABOOST FIREWALL***



***PART: MA78-11405 PLATE, LOWER, HYDRABOOST FIREWALL***



*POUND COWL IN AS SHOWN TO CREATE CLEARANCE FOR PEDAL PACKAGE*



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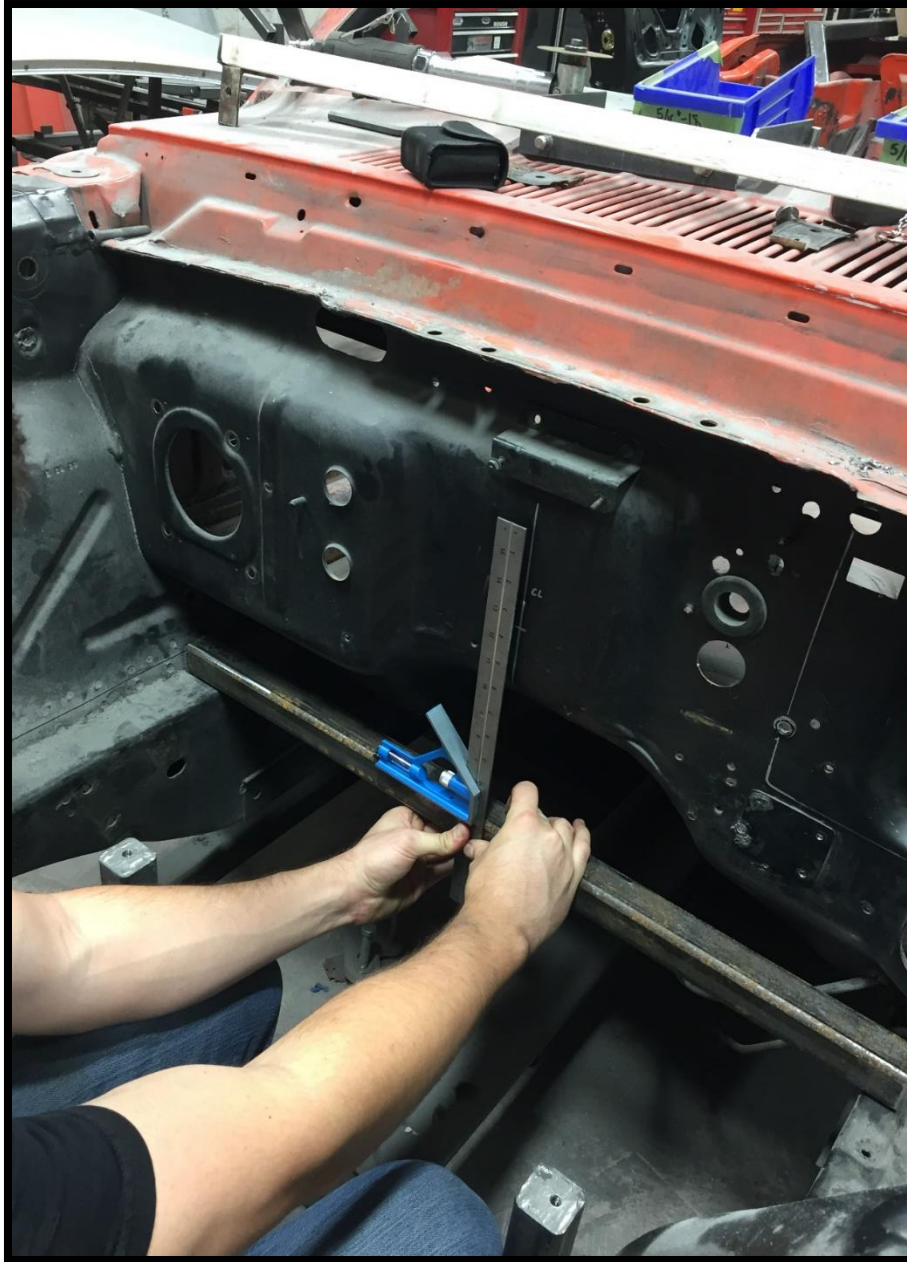


*LAY A PIECE OF SQUARE TUBING OR A 2" BY 4" ACROSS THE FRAME RAILS. MAKE SURE THE SQUARE TUBING IS SQUARED UP WITH THE FRAME RAILS. (1966 FIREWALL SHOWN. SAME PROCEDURE FOR 1967-1968)*

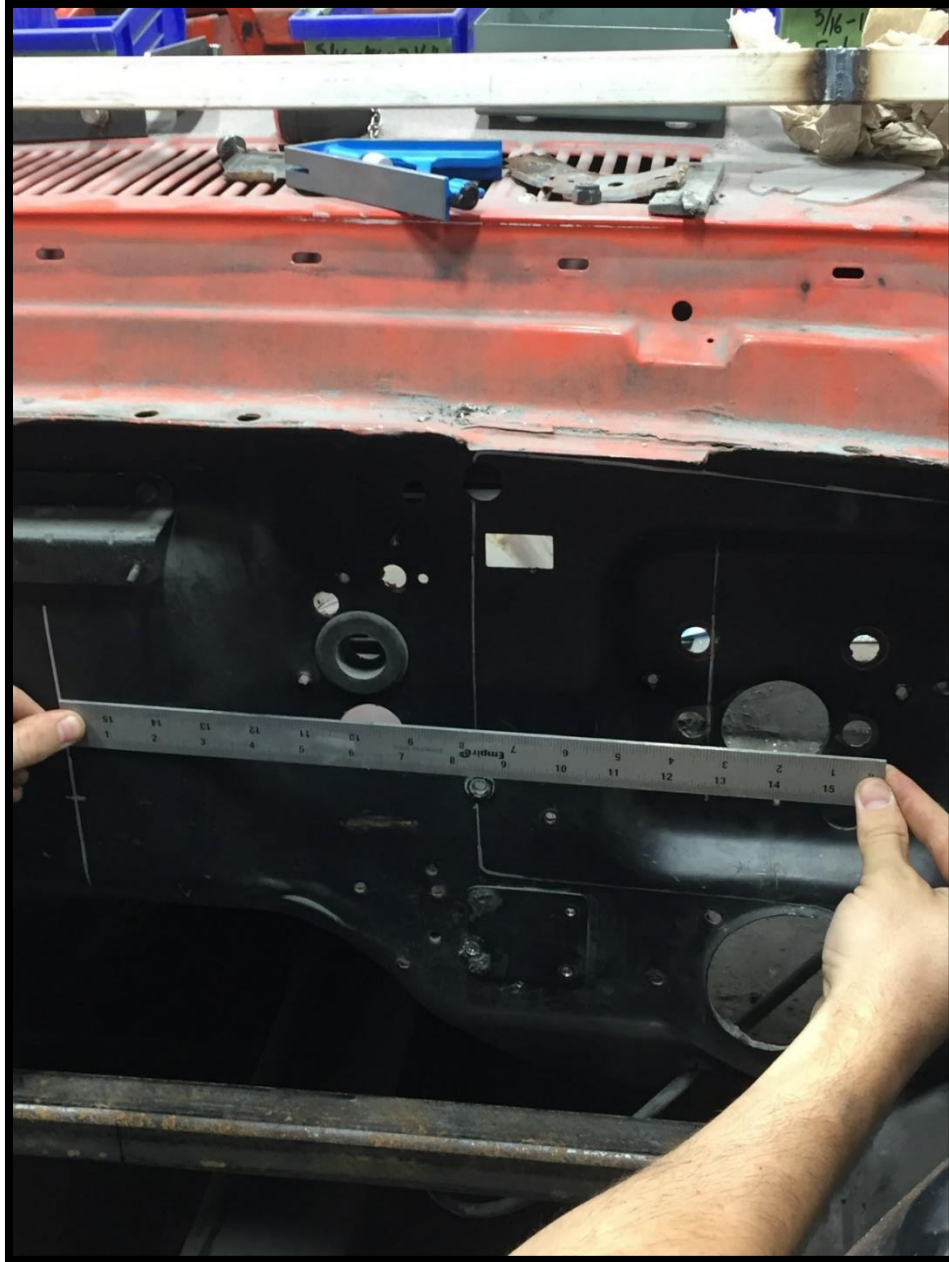




MEASURE THE DISTANCE BETWEEN THE FRAME RAILS TO DETERMINE THE CENTERLINE OF THE VEHICLE. (1966 FIREWALL SHOWN. SAME PROCEDURE FOR 1967-1968)



*USE A COMBINATION SQUARE AND MARK YOUR CENTERLINE DISTANCE ON THE FIREWALL. (1966 FIREWALL SHOWN. SAME PROCEDURE FOR 1967-1968)*



*MEASURE 12  $\frac{3}{4}$ " FROM THE CENTERLINE AND MARK IT. (1966 FIREWALL SHOWN.  
SAME PROCEDURE FOR 1967-1968)*



*MEASURE 9 ½" FROM TOP OF FRAME RAIL AND MARK IT. (1966 FIREWALL SHOWN. SAME PROCEDURE FOR 1967-1968)*



*TRACE A 5-5/8" BY 5-5/8" SQUARE BASED ON THOSE MEASUREMENTS. (1966  
FIREWALL SHOWN. SAME PROCEDURE FOR 1967-1968)*

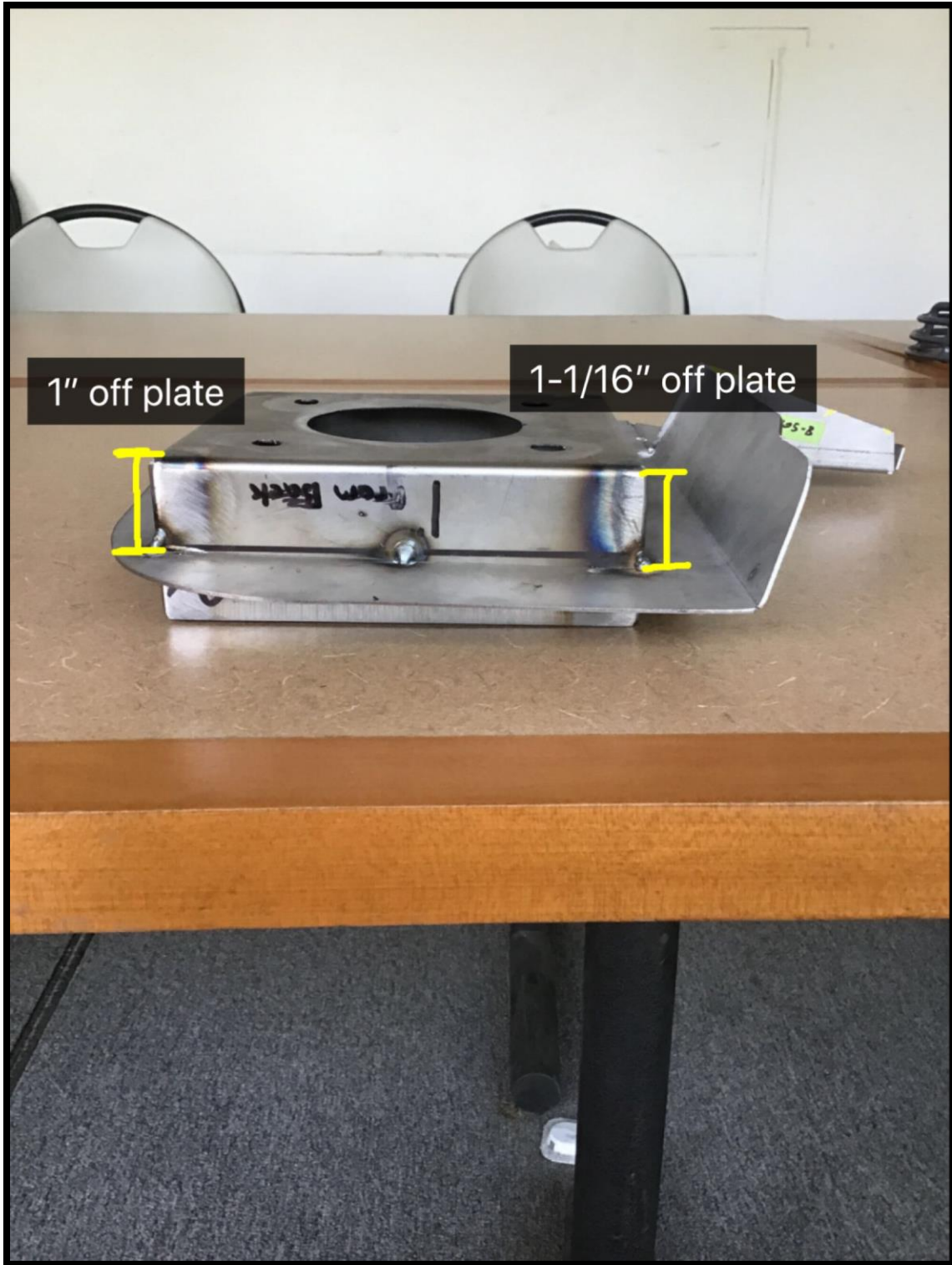


*CUT THE TRACED SQUARE OUT. (1966 FIREWALL SHOWN. SAME PROCEDURE FOR 1967-1968)*

Orientate box as shown. Tack triangular corner piece to plate as shown



*Orientate box as shown. Tack triangular corner piece to plate as shown*



*Position box inside square opening in plate. Position top of box 1" inside plate and bottom of box 1-1/16" inside plate. Tack box in corners. Add some fillet welds around the perimeter of the box.*

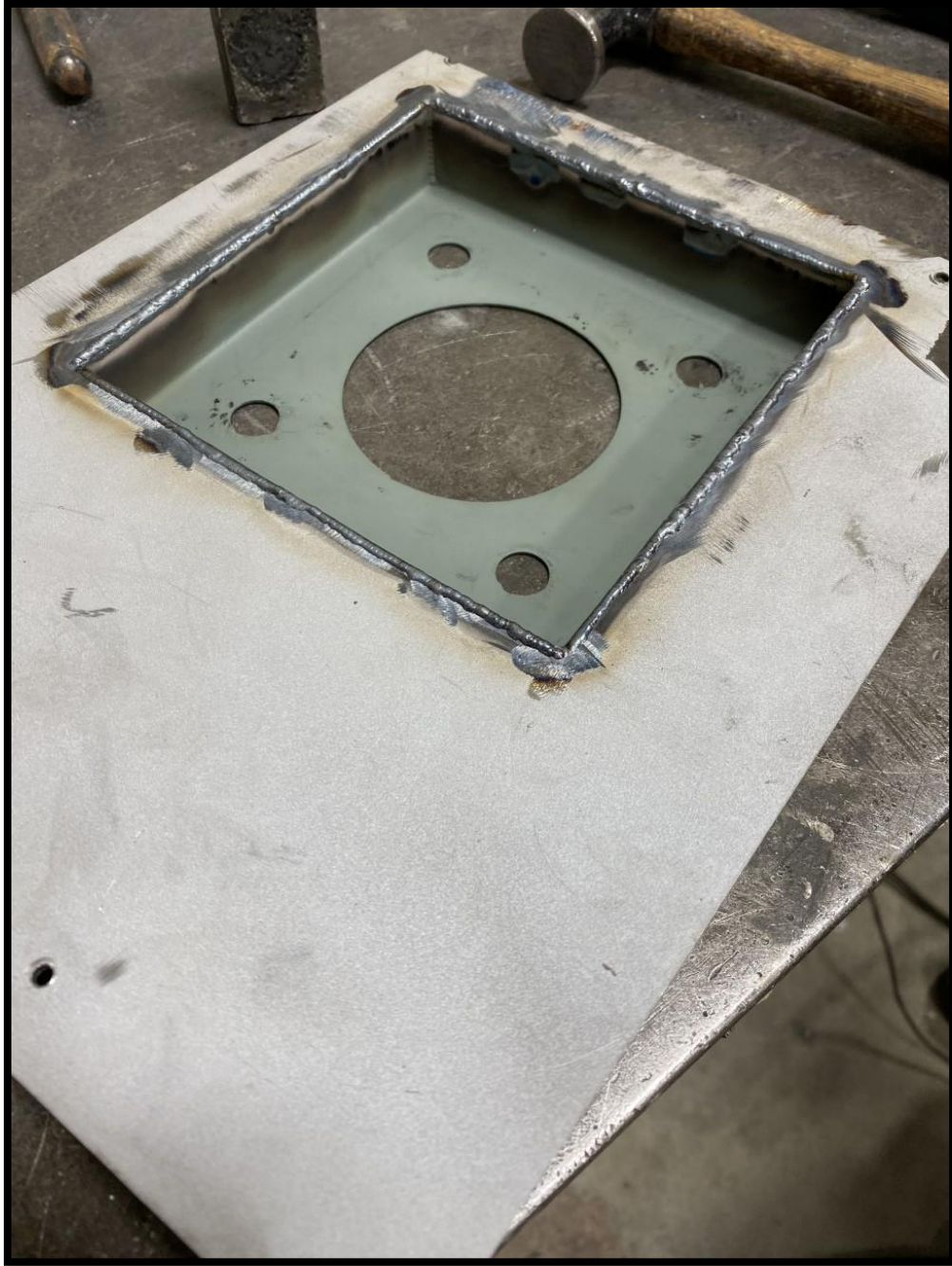




*TRIM EXCESS FLANGE HANGING OUTSIDE OF PLATE*



*WELD THE EDGES WHERE THE BOX AND THE PLATE MEET. TIG WELDING IS PREFERRED HERE, BUT THIS CAN ALSO BE MIG WELDED. (1965-1966 FIREWALL PLATE SHOWN SAME PROCEDURE FOR 1967 – 1968)*



*WELDED EDGES*



*CLEAN UP WELDED EDGES (1966 FIREWALL PLATE SHOWN SAME  
PROCEDURE FOR 1967-1968 FIREWALL PLATE)*



*PLACE SUB-ASSEMBLED PIECE OVER FIREWALL. DUE TO THE DEPTH OF THE 1967-1968 FIREWALL, THE BOX WILL NOT GO INSIDE THE SQUARE PREVIOUSLY CUT OUT WHEN LAYING IT AGAINST FIREWALL. LINE UP BOX WITH THE SQUARE AS PREVIOUSLY CUT OUT IN FIREWALL. SOME TRIMMING MAY NEED TO BE DONE TO THE PLATE TO ALLOW PROPER FITMENT TO FIREWALL. VERIFY BOX IS LAYING SQUARED UP IN CAR AND NOT SITTING CROOKED. TRACE PERIMETER OF PLATE.*



*CUT ON THE INSIDE OF THE TRACED LINE*



*USE BUTT WELD CLAMPS TO HOLD PLATE FLUSH TO FIREWALL. TACK WELD THE PERIMETER OF THE PLATE TO THE FIREWALL. DO NOT FULLY WELD PLATE TO FIREWALL YET. (1966 FIREWALL SHOWN SAME PROCEDURE FOR 1967-1968).*

*BOLT PEDAL PACKAGE TO BOX AND DASH WITH PEDALS INSTALLED.  
VERIFY THERE ISN'T ANY INTERFERENCE WITH PEDAL TRAVEL AND  
PEDAL SUPPORT.*

## **MANUAL CARS ONLY**

*WITH PEDAL PACKAGE BOLTED IN, MARK THE CENTER OF THE SQUARE  
WHERE THE CLUTCH MASTER GOES ON FIREWALL. DRILL AN 1/8" PILOT  
HOLE WHERE PREVIOUSLY MARKED ON FIREWALL.*

*NOTCH LH APRON FOR CLUTCH MASTER CYLINDER CLEARANCE. ONCE  
NOTCHED DRILL A 2" HOLE IN FIREWALL WHERE 1/8" PILOT IS.*

*ONCE EVERYTHING IS VERIFIED FULLY WELD PLATE TO FIREWALL.*