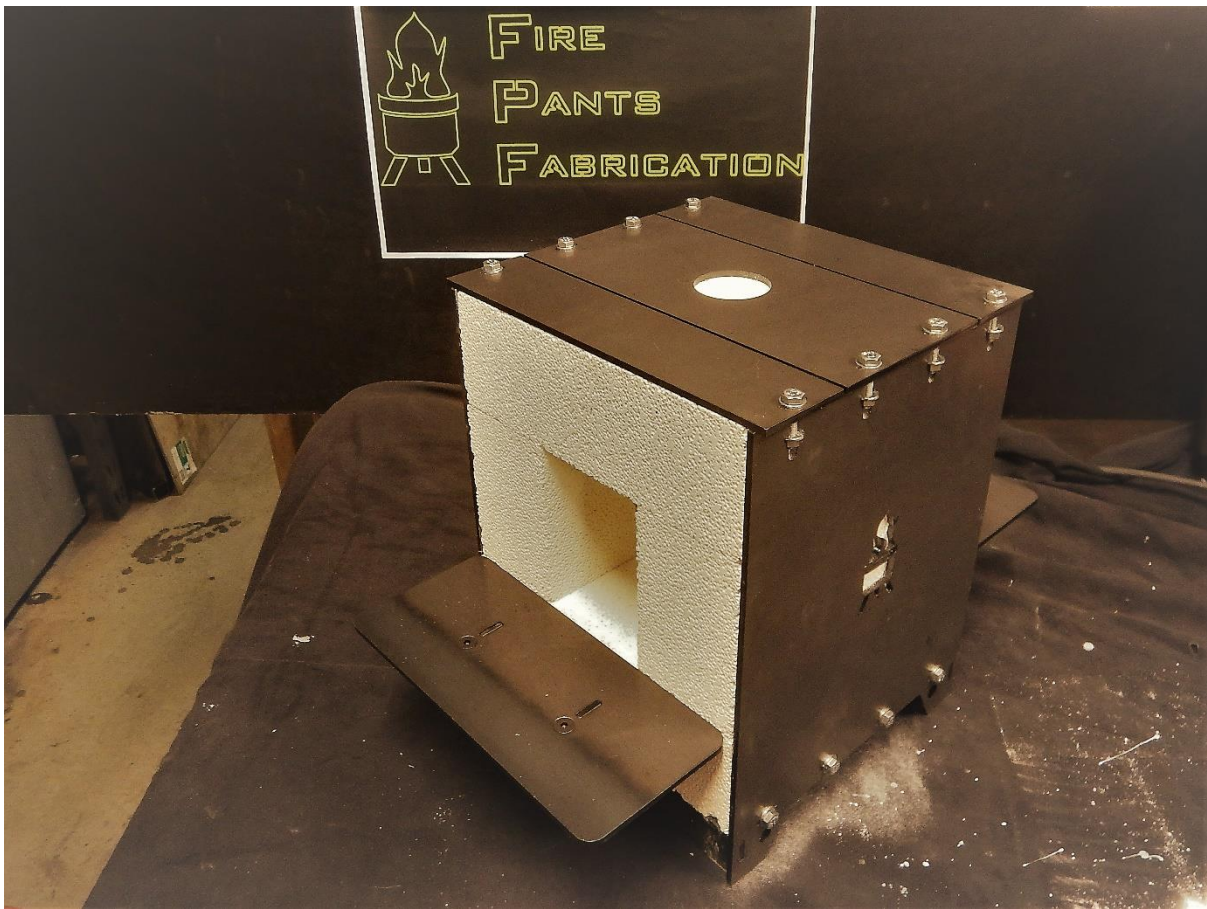


SET UP INSTRUCTIONS

KELPIE FORGE V1.2



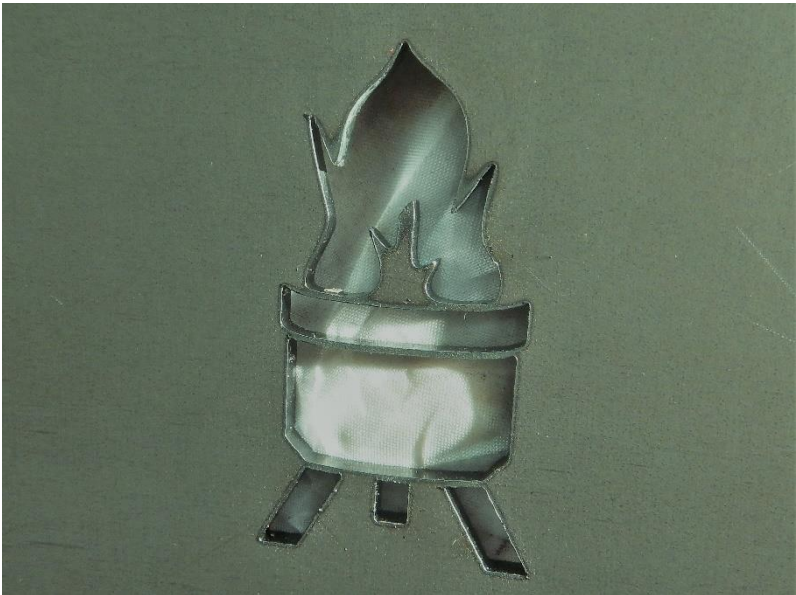
FIRE PANTS FABRICATION

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1. INTRODUCTION

THE KELPIE, NAMED AFTER THE QUINTESSENTIAL AUSTRALIAN WORKING DOG. KNOWN FOR BEING FAST, RELIABLE, AND WORKING HARD ALL DAY, THIS FORGE IS NO DIFFERENT.

WITH A BOLT TOGETHER 'FLAT PACKED' DESIGN, THEY ARE EASY TO ASSEMBLE WITH NO WELDING REQUIRED (BUT IS RECOMMENDED TO RETAIN THE BURNER).

FEATURES INCLUDE:

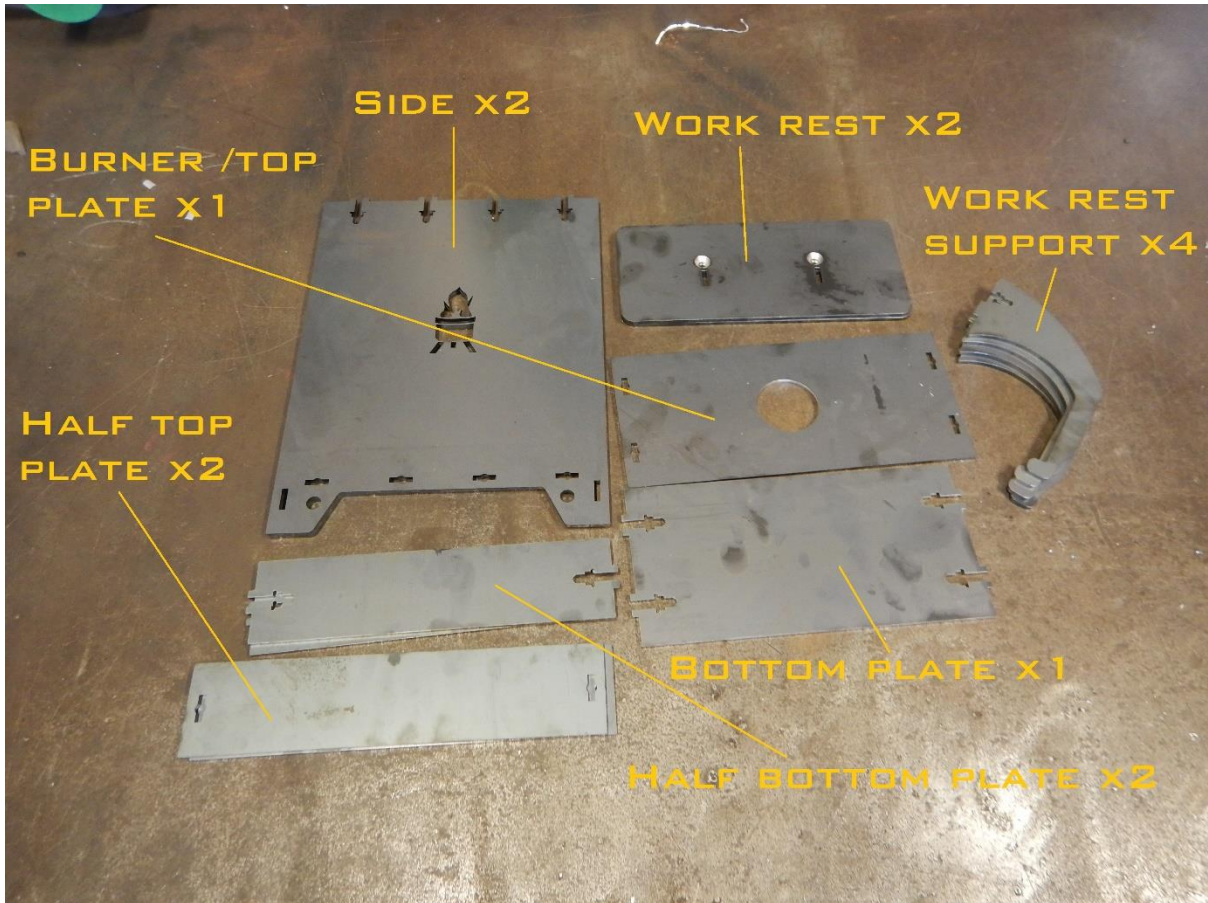
- MULTIPLE BURNER CONFIGURATIONS AVAILABLE.
- NO RISK OF BREATHING FIBRES FROM CERAMIC BLANKET INSULATION.
- THROUGH DESIGN TO ALLOW LONG WORK TO BE HEATED EASILY.
- MULTIPLE FORGES CAN BE JOINED TOGETHER IF A LONGER FORGE IS REQUIRED.
- ALLOWANCE FOR EXTENDED SLIDING WORK HOLDER FOR EXTRA-LONG SUPPORT.
- RE-LINING IS QUICK AND EASY,
- RATED FOR 1400°C CONTINUOUS.
- AUSTRALIAN DESIGNED AND BUILT.

NOTE: PLEASE DO NOT OPERATE THE KELPIE FORGE UNTIL YOU HAVE READ THESE INSTRUCTIONS AND ARE FAMILIAR WITH ITS CONTROLS. THE KELPIE FORGE IS INTENDED FOR USE ONLY BY TRAINED PERSONNEL.

ENSURE ALL BURNERS AND GAS COMPONENTS ARE COMPLIANT WITH LOCAL STANDARDS, AND ARE APPROVED FOR USE. ALL FITTINGS AND HOSES SHOULD BE TESTED BEFORE, DURING, AND AFTER EACH USE. DO NOT USE IF THE EQUIPMENT IS NOT IN GOOD WORKING ORDER, OR YOU ARE NOT FIT FOR WORK.

2. SPECIFICATIONS

DIMENSION OF FORGE (WITHOUT WORK REST/BURNER)	230 x 238 x 315 (LxWxH)
WEIGHT	APPROX. 25KG
ELECTRICAL SPECIFICATIONS	N/A
INTERNAL VOLUME	2117CC / 129 CI
ENVIRONMENT	MUST BE USED IN VENTILATED AREA. DO NOT EXPOSE TO WATER.

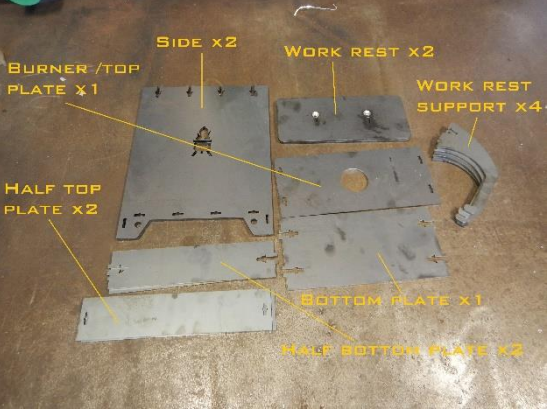
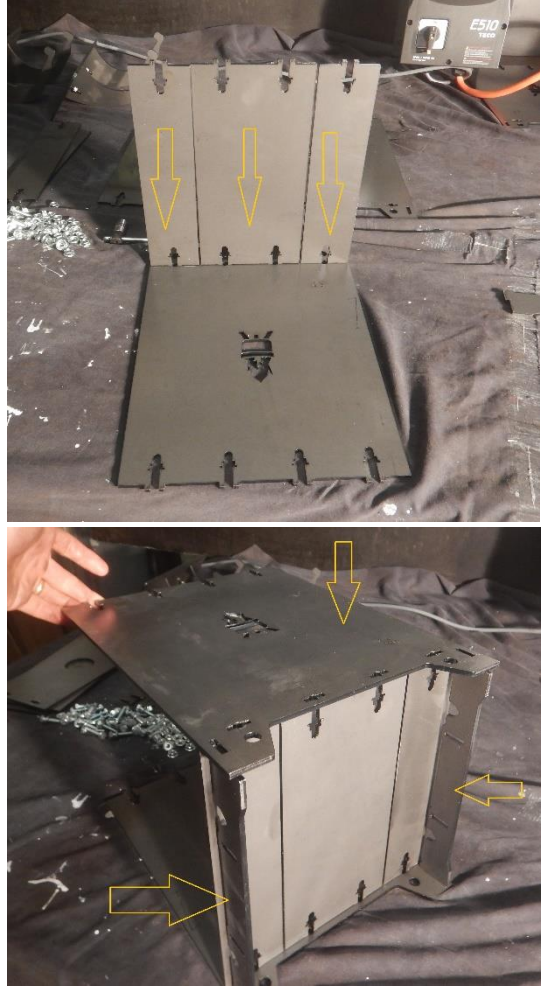



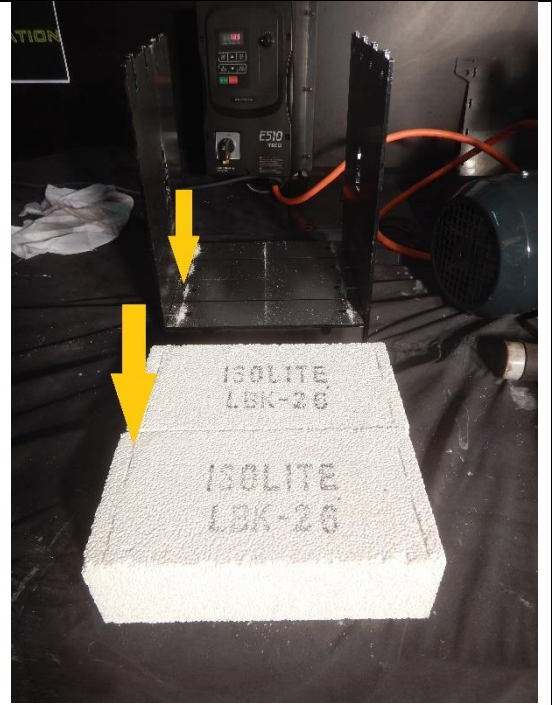
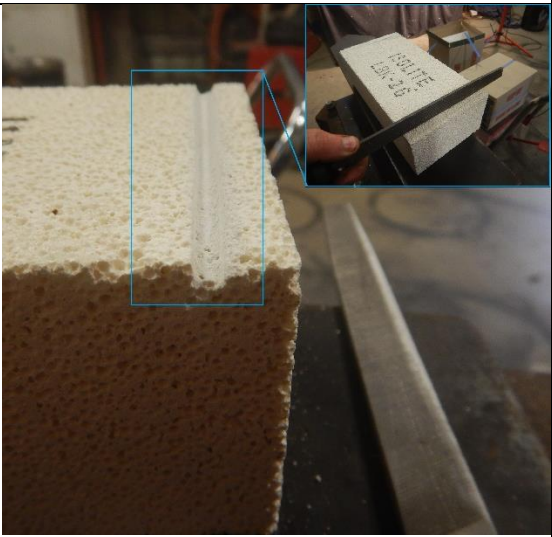
3. UNPACKING

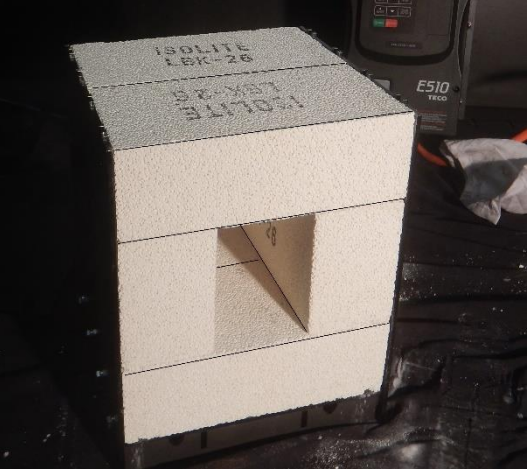
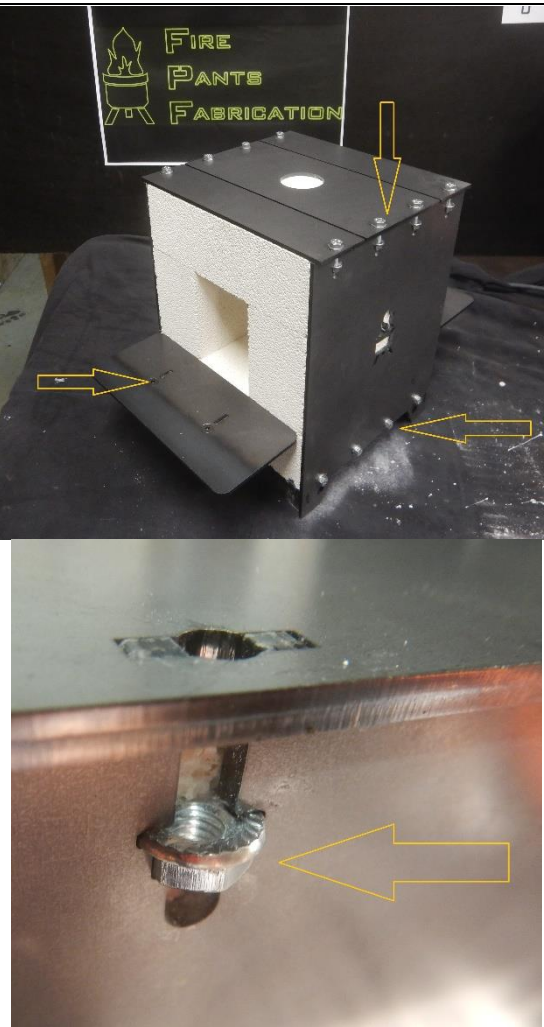
CAREFULLY INSPECT THE EXTERIOR OF THE PACKING BOX. ANY VISIBLE DAMAGE SHOULD IMMEDIATELY BE REPORTED TO THE FIRE PANTS FABRICATION. REMOVE ALL PACKING DOCUMENTS FROM THE INTERIOR OF THE BOX AND FILE IN YOUR RECORDS. REMOVE THE SHIPPING BOX, THE FOAM PACKAGING MATERIAL, AND THE KELPIE FORGE. OPEN THE TOP FLAPS OF THE PACKING BOX TO REMOVE THE KELPIE FORGE FROM THE BASE OF THE BOX. CAREFULLY REMOVE ALL COMPONENTS FROM BOX, USING PROPER LIFTING TECHNIQUES, AND PLACE IT ON A STABLE BENCH TOP. VISUALLY CHECK THE KELPIE FORGE COMPONENTS TO ENSURE THAT NO DAMAGE OCCURRED DURING SHIPPING.


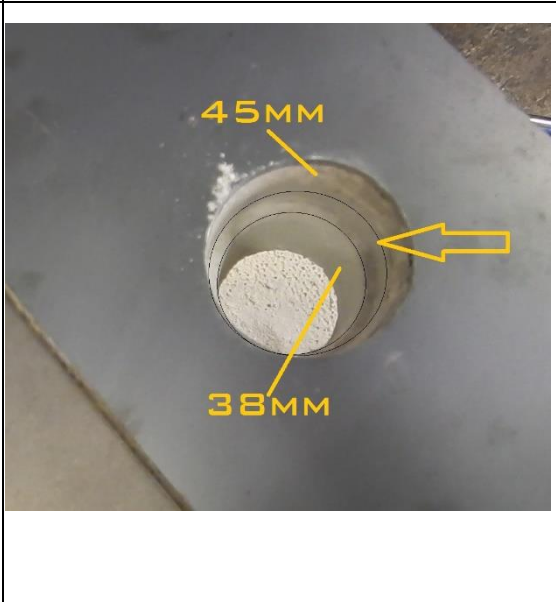
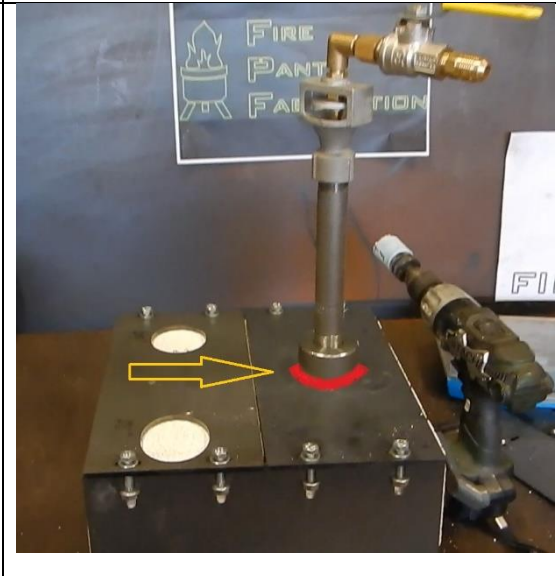
IMPORTANT: THE BOLTS AND WASHERS SUPPLIED WITH THE KELPIE FORGE MUST BE USED.

4. SETTING UP

<p>STEP 1</p>	<p>UNPACK EVERYTHING AND FIND BAG OF BOLTS (NOT SHOWN).</p> <p>PLEASE NOTE. ALL THESE PARTS DO GET CHECKED, BUT SOMETIMES A SMALL PIECE OF SLAG CAN BE MISSED. IF SOME SLAG IS FOUND ON AN EDGE, IT IS EASILY REMOVED WITH A HAND FILE OR A GRINDER.</p>	
<p>STEP 2</p>	<p>START BY INSERTING THE 3 X BOTTOM PLATES INTO THE LOWER NOTCHES IN THE SIDE PLATE. THE ORDER OF THESE IS NOT IMPORTANT AT THIS STAGE.</p> <p>THEN INSERT THE FRONT AND REAR PLATES (NOT SHOWN IN EARLIER PICTURE), THEN THE OTHER SIDE PLATE.</p>	

<p>STEP 3</p>	<p>INSERT 8 X FLANGE NUTS INTO THE BOTTOM PLATES, AND INSERT A BOLT & WASHER THROUGH THE SIDE PLATE AND SECURE LOOSELY.</p> <p>IT IS IMPORTANT TO LEAVE THESE LOOSE AT THIS STAGE.</p>	
<p>STEP 4</p>	<p>PLACE YOUR INSULATING FIRE BRICK (X2) ONTO THE BASE, AND SLIDE BACK AND FORTH A COUPLE OF TIMES TO MARK THE POSITION OF THE NUTS ON THE BRICK.</p> <p>THE BRICK SHOULD BE A SNUG FIT, BUT SHOULD STILL SLIDE BETWEEN THE SIDE PLATES. IF IT DOES NOT, LOOSEN THE BOLTS FROM STEP 3 A LITTLE MORE.</p>	
<p>STEP 5</p>	<p>USING A COARSE FILE, AND THE MARKINGS FROM STEP 4, CUT A 5MM DEEP GROOVE TO ALLOW FOR CLEARANCE OVER THE NUTS IN THE BASE.</p> <p>THE BRICKS ARE SOFT, AND CAN BE CUT WITH A REGULAR METAL FILE.</p>	

<p>STEP 6</p>	<p>PLACE THE 2 MODIFIED BRICKS ON THE BASE, AND USE 4X MORE BRICKS TO BUILD UP THE FORGE.</p>	
<p>STEP 7</p>	<p>PLACE THE BURNER PLATE IN THE DESIRED POSITION.</p> <p>PLACE 8X FLANGE NUTS INTO THE SIDE PLATES AND GENTLY TAP WITH A SMALL HAMMER TO SEAT THEM INTO THE TOP FIRE BRICK.</p> <p>FASTEN THE WORK REST TO THE WORK REST SUPPORT (X2) USING THE SUPPLIED COUNTER SUNK CAP SCREWS AND FLANGE NUTS, AND A 5MM ALLEN KEY. THEN INSERT INTO THE ALLOCATED SLOTS IN THE FRONT AND REAR PLATES.</p> <p>AT THIS POINT, USE A 10MM SPANNER TO TIGHTEN ALL (X16) BOLTS, BEING CAREFUL TO ENSURE THE NUTS ARE CENTRALISED IN THEIR CORRECT POSITION.</p> <p>NOTE, THE BURNER PLATE CAN BE POSITIONED IN ANY OF THE POSITIONS, DEPENDING ON THE INTENDED WORK. ONCE THE BURNER HOLE HAS BEEN DRILLED, IF THE BURNER NEEDS TO BE MOVED, ANY BRICKS THAT WERE MODIFIED TO ACCEPT THE BURNER SHOULD BE REPLACED TO PREVENT DAMAGE TO THE FORGE.</p>	

<p>STEP 8</p>	<p>ONCE THE BURNER POSITION HAS BEEN ESTABLISHED, USE A HOLE SAW (A REGULAR HOLE SAW FOR CUTTING WOOD / METAL CAN BE USED).</p>	
<p>STEP 9</p>	<p>USING 2 DIFFERENT SIZES WILL ALLOW YOU TO CREATE A STEP FOR THE BURNER NOZZLE TO BE SUPPORTED BY THE BRICK AND PROVIDE A BETTER SEAL.</p> <p>IN THIS CASE, I USED A 45MM AND A 38MM HOLE SAW. THE STEP IS APPROX. 45MM DEEP.</p> <p>TIP: MAKE THE INITIAL HOLE USING THE LARGER HOLE SAW FIRST, USING THE BURNER PLATE AS A GUIDE. THEN DRILL THROUGH WITH THE SMALLER SAW. THIS WILL HELP CENTRALISE THE SECOND HOLE.</p>	
<p>STEP 10</p>	<p>PLACE BURNER IN HOLE, IT SHOULD BE A FIRM FIT.</p> <p>IT IS RECOMMENDED TO WELD THE BURNER IN PLACE TO ENSURE IT IS SECURE.</p>	

PLEASE FOLLOW YOUR BURNER MANUFACTURES ASSEMBLY, INSPECTION, STARTING, RUNNING, AND SHUTDOWN PROCEDURES.

YOUR FORGE IS NOW READY FOR USE.

CONGRATULATIONS ON YOUR PURCHASE, AND THANK YOU FOR SUPPORTING A LOCAL BUSINESS. PLEASE CHECK IN ON WWW.FIREPANTSFAB.COM.AU REGULARLY TO KEEP UP TO DATE WITH ANY IMPROVEMENTS, AND NEW TOOLING ON OFFER.