

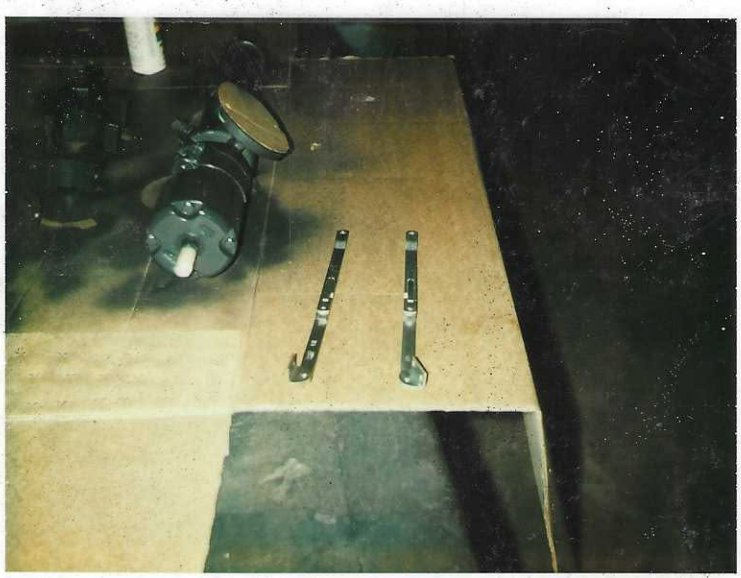
REMOVE PULLY GUARD & Reducer bushing PAINT TANK top, sides & inside.

You will paint bottom of tank when on work stand

Split Pump box on sides and use for PAINT GUARD



Remove plug from BAG ATTACHED to PUMP (with EXTRA PACKING) Install plug on bottom Zert fitting on pump is facing up when pump is in place on tank. Key taped on shaft will be used for clutch on engine. Will make a new one for pump (Key is slightly smaller & fits clutch better)



Dissassemble Legs from pump. Tape Name plates & warning instructions Paint. Take 1 set of Leg braces (1 marked L side & 1 marked R side) and drill single (bottom hole to 1/4"



Mark center of top edge of tank (≈ 14") and place drill guide. Attach using large C clamp

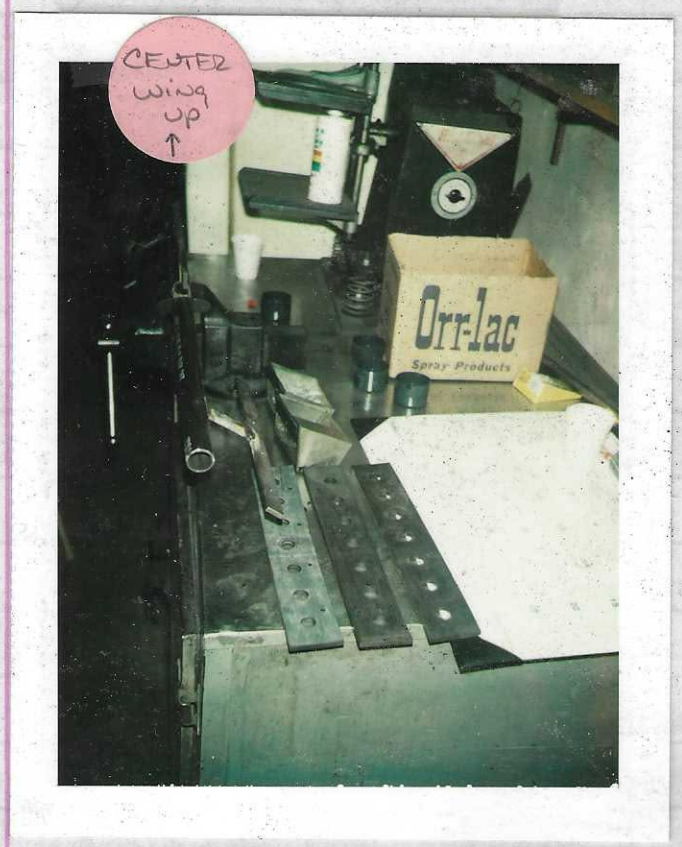
Drill

7/16" - 4 outside hole

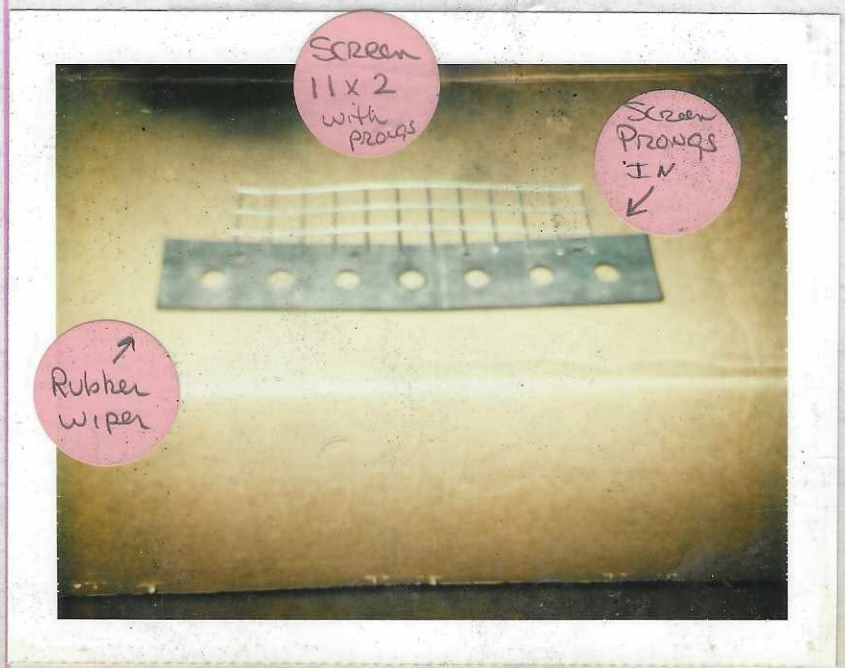
3/8" - 1 center hole (using high speed drill)

1" Greenlee punch used for center hole.

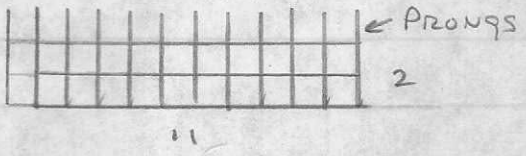
Agitator Assembly



1. Remove slag off welds
2. Place in vise with center wing up.
3. Attach rubber wiper & attaching brace with 10-24 (8-32) stove bolts. Remember agitator turns away from you when installed so bolts head should lead. Do not tighten bolts.



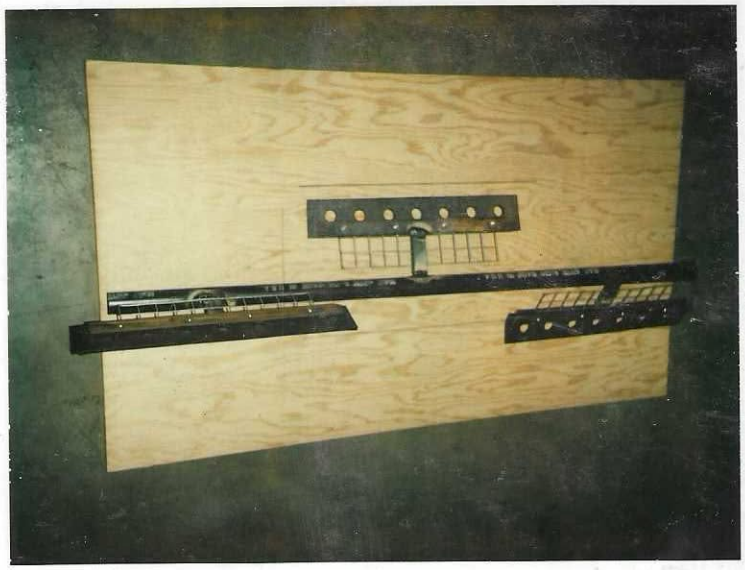
4. MAKE screen 11 holes x 2 holes with prongs



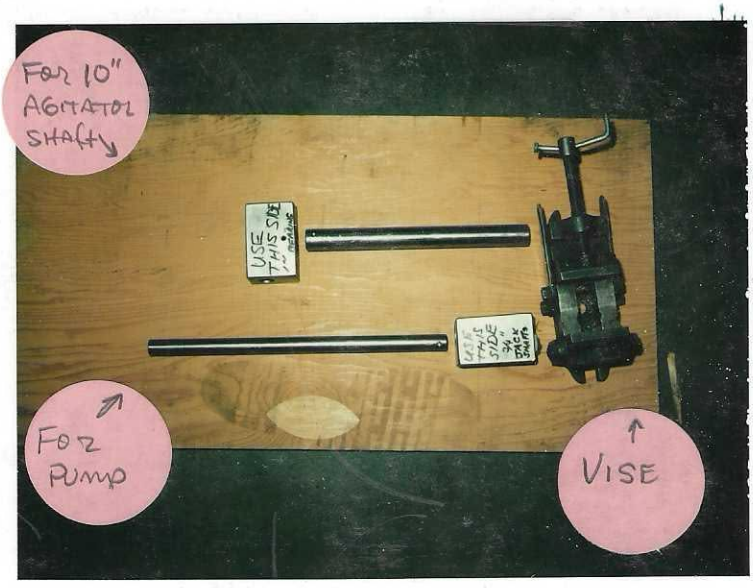
GRIND edges to remove sharp corners. (wear gloves)



5. Install screen with prongs between rubber wiper & AGITATOR wing. Tighten (4) 10-24 NUTS keeping screen centered.



Finished AGITATOR Assembly

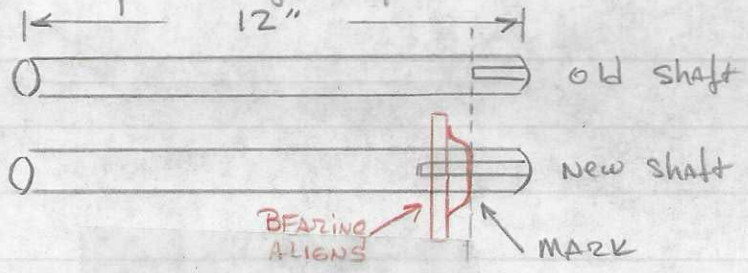


1" AGITATOR SHAFTS

REQUIRE:
(1) 1" x 12" shaft
(1) 1" x 10" shaft

FOR 1" x 12" shaft USING old shaft AS guide MARK

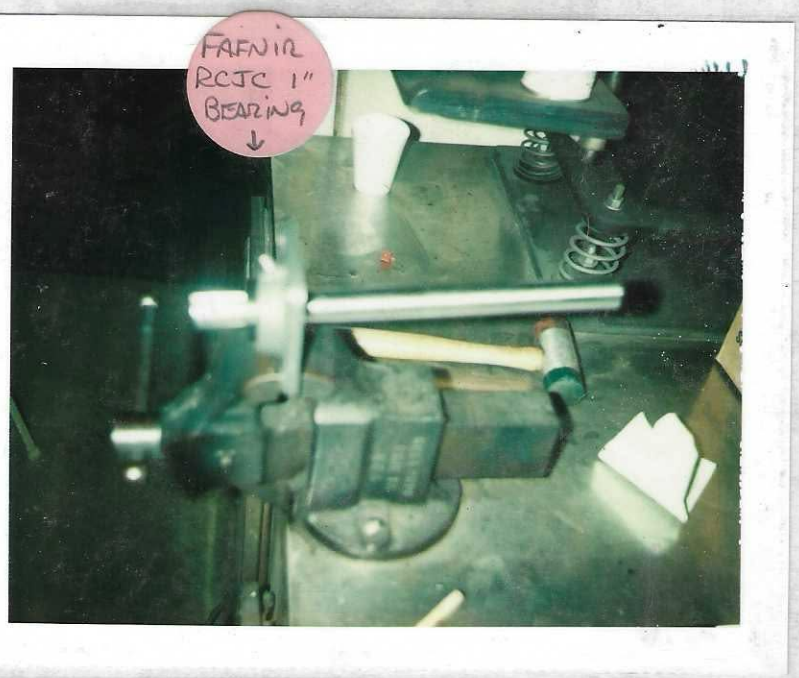
END of KEY WAY ON NEW shaft.

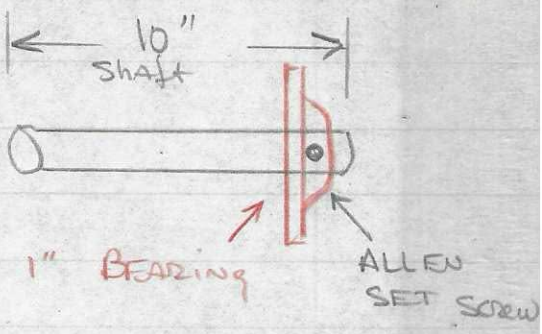


THIS SHAFT is ON pulley side of TANK



COUNTER SINK 1" x 10" shaft USING template shown ABOVE drill COUNTER hole 7/32" Adjust depth of hole by using a predrilled shaft and Adjust Quill depth stop

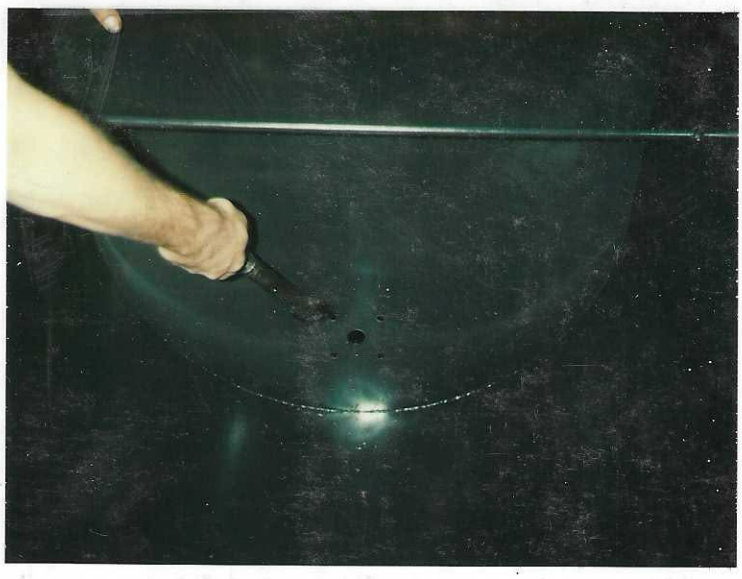




BEARING: RCJC
FAFNIR 1"
(NO SUBSTITUTE!)
Save Green Instruct.
Remove tags

MAKE SURE BEARINGS HAVE grease fittings
LOOSEN ALLEN SCREWS AND INSTALL ON EACH SHAFT AS SHOWN. TIGHTEN ALLEN SCREWS. Apply grease ON INSIDE of bearing & INSTALL Rubber WASHERS.
Use ONLY Rubber hammer to tap IN PLACE





Agitator Shaft Installation.

1. Scrape burrs off inside holes
2. Using (4) 7/16 x 1 1/4 bolts (4) 7/16 copper washers install one shaft on tank with heads of bolts and copper washers on inside of tank. Remember 12" shaft goes on pully side. Tighten first to snug then 1/2 turn on inside to seat copper washers.



3. Install Agitator in place (Rotates away from you) Install other shaft on tank and repeat (2) As Above

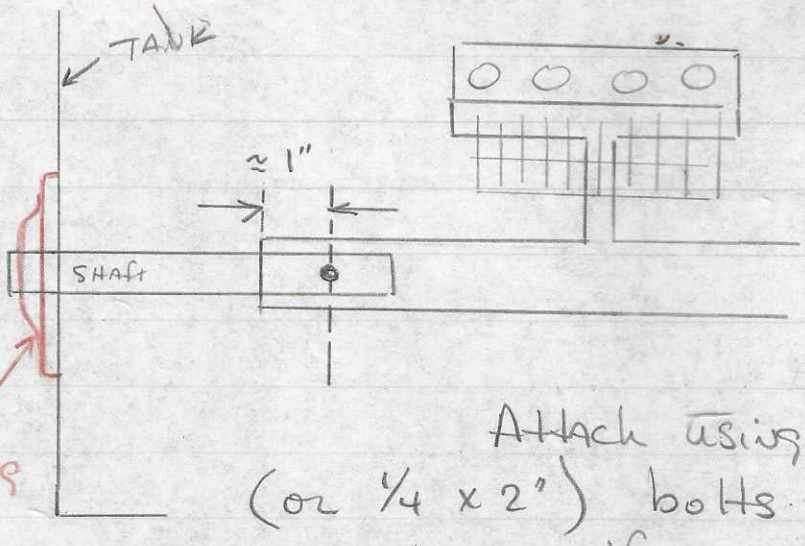
Note: Grease fitting should facing up on bearings.



4. Position center blade of AGITATOR down over OUTLET hole.

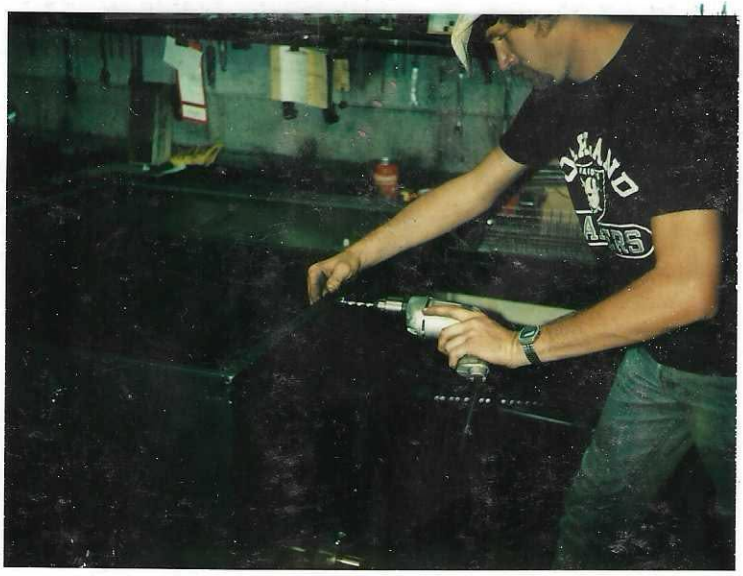
5. BEND 2 OUTside blades leading edge first.
(Left hand push down, Right hand pull up.)

Pilot hole for AGITATOR connecting pin is 1/8". Use 1/4" for final hole size. Drill carefully



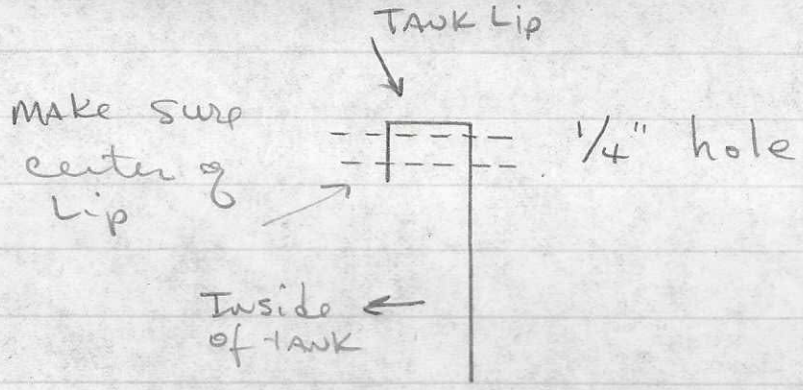
Drill hole ≈ 1" from end of AGITATOR

Attach using 1/4 x 1 3/4 (or 1/4 x 2") bolts. Break off Excess bolt if required. HAMMER end to secure nut.

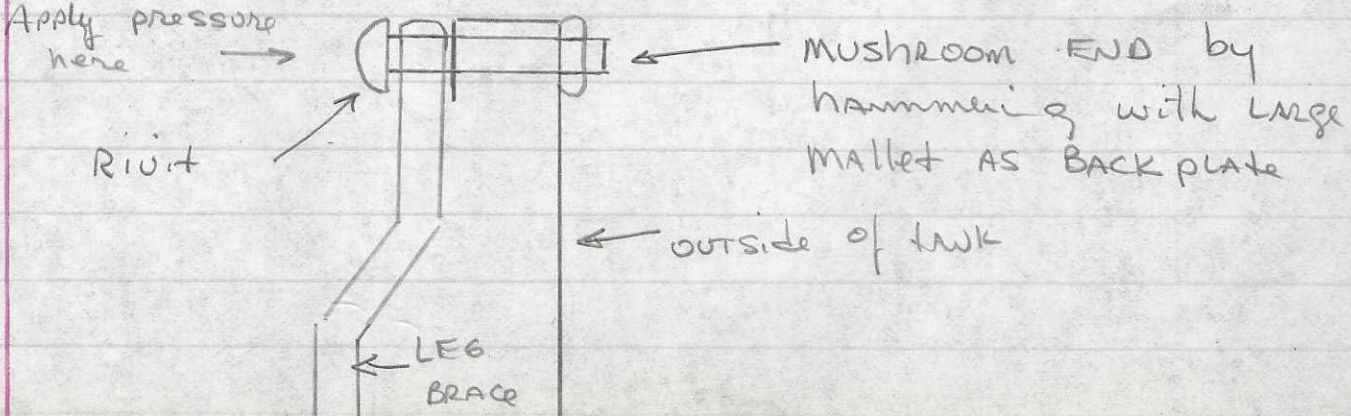


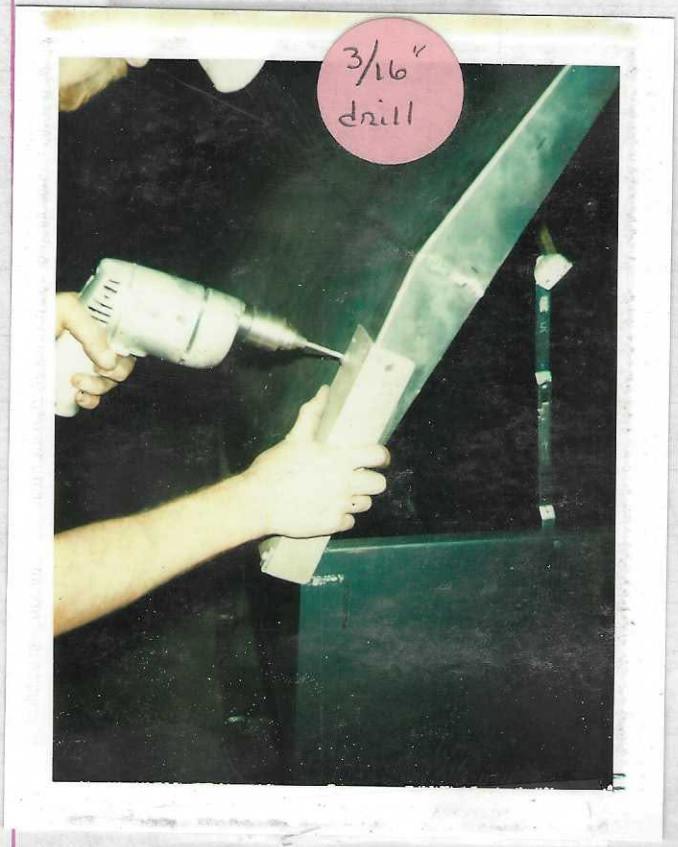
LEG BRACES

Using LEG BRACE template (Good for both sides) drill 1/4" hole through center of TANK Lip.



Using 1/4 x 1 1/2 (or 1/4 x 1 1/4) Rivits ATTACH Appropriate LEG BRACE (L or R) to TANK AS Shown





TANK Lid

1. USE WOODEN Lid Supports to hold Lid OPEN IN PLACE.

2. Using 3/16" drill AND template drill hole with NUT ONLY!

3. Clean INSIDE hole with metal scraper

4. ATTACH LEG BRACE ON INSIDE & POP-RIVIT bottom hole IN PLACE.



5. HAMMER INSIDE RIVIT END FLAT USING BAR AS BRACE

6. Modify drill guide (template) and do other side of lid.



Pump

1. Lift t
   on s

2. Using
   templat
   Align i
   of tank

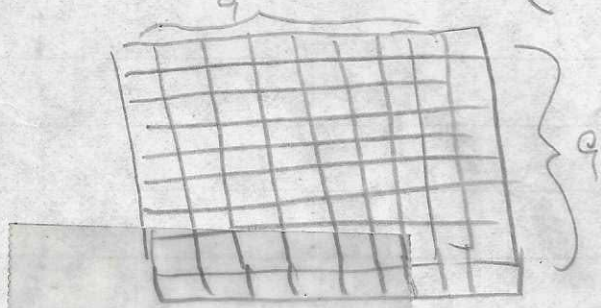


1.75
2 1/2 3
1 3/4 x 1 3/4

Reducer bushing

TAP center hole with 3/16 x 24 tap (Attached to hand drill). Paint inside of bushing (Not threads!)

TAKE screen (9 x 9 holes)



with FLAT side up place on template



Hammer and trim edges with cutters

Punch center hole larger (slightly)