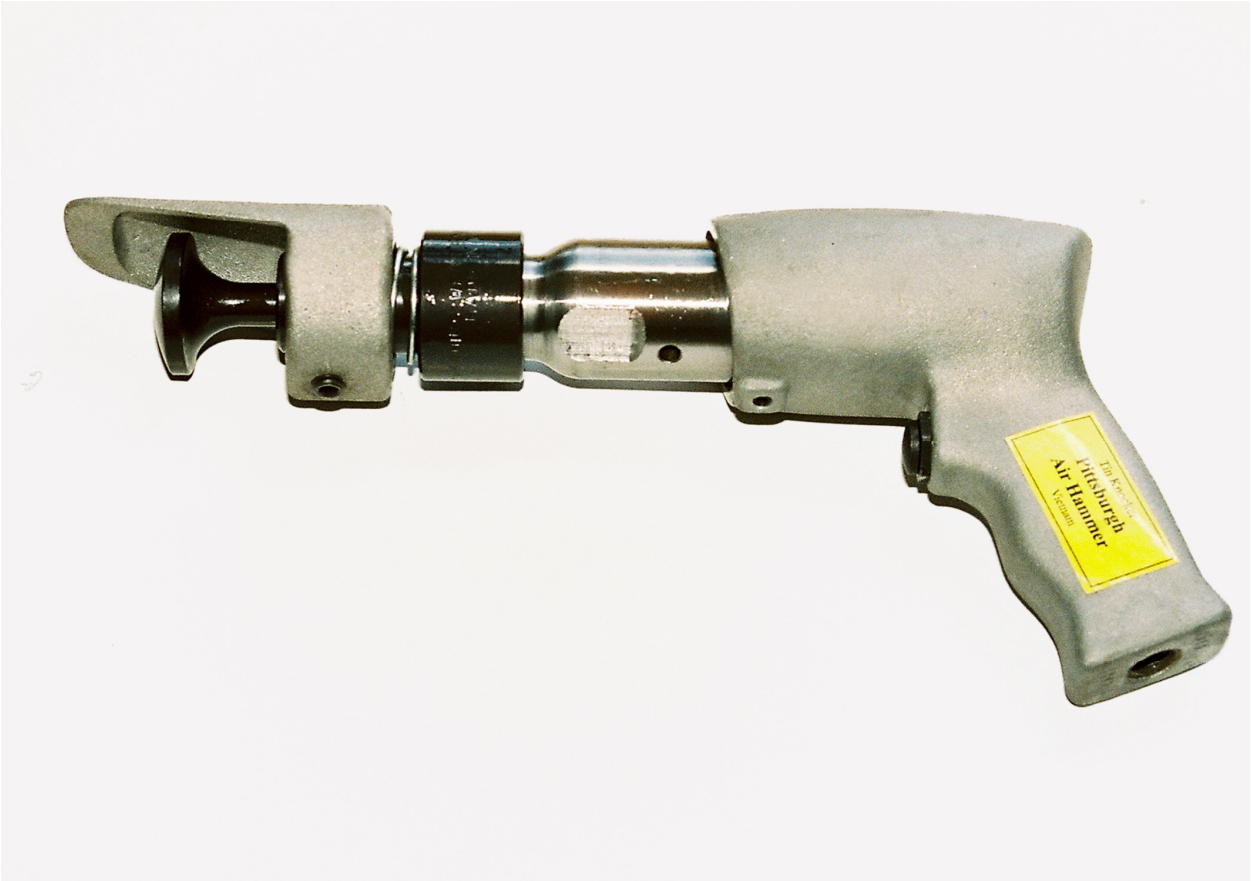
TIN KNOCKER
Pittsburgh Pistol Air Hammer

INSTRUCTIONS & PARTS DIAGRAM



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MAINTENANCE

Using pneumatic tool oil or machine oil of SAE No.5 or SAE No. 10, pour a few drops into the inlet each day before using. Run the tool for a few seconds to distribute the oil within. If the tool is in constant use over the course of a day, repeat the above every 3-4 hours.

SAFETY

1. Never operate this air tool without the forming tool in place.
2. Never disassemble the air tool with the air supply connected.
3. With heavy, constant use, you should tighten the barrel. Do so by loosening the socket screw in the handle, providing access to the barrel every 3-4 hours or when the barrel begins to become loose. Failure to keep the barrel tight will cause damage to the tool

OPERATION

The speed of the hammer will be regulated by how far the trigger is depressed. For maximum efficiency, ensure the air pressure is around 90 psi.

DISASSEMBLY & ASSEMBLY

1. Disassembly
   a. Place the barrel in the vise ensuring vise jaws contact at the flats in the barrel.
   b. Loosen set screw
   c. Unscrew the handle from the barrel. With the barrel pointing down, lift the handle off the barrel.
   d. Lift the back valve block P/N HAMMER006 wafer P/N HAMMER005, and front valve block P/N HAMMER004 with pins, P/N HAMMER007 off the barrel.
   e. Counter clockwise, unscrew the trigger assembly P/N HAMMER009.
2. Assembly
   a. Thoroughly clean all parts prior to assembly
   b. Replace any worn trigger washers.
   c. Replace trigger assembly P/N HAMMER009, turning it clockwise until tight.
   d. With the barrel pointing down, insert the two pins P/N HAMMER007 into the shallow holes.
   e. Replace front valve block P/N HAMMER004 on the pins P/N HAMMER007 with the milled surface up.
   f. Install the wafer P/N HAMMER005 in the large hole in the rear valve block
   g. Replace the back valve block P/N HAMMER006 down on the pins P/N HAMMER007, with the milled surface down.
   h. Ensure lines on the side of the valve sections are aligned.
   i. Screw barrel into the handle and tighten.
   j. Tighten socket screw.
   k. Lubricate and test as above described.

ORDERING PARTS: Ensure you have both the part nomenclature and part number.

Parts for TK PITTSBURGH PISTOL AIR HAMMER

Find No	Part No	Description	No. REQ"D
1.	HAMMER001	Handle	1
2.	HAMMER002	Barrel	1
3.	HAMMER003	Piston	1
4.	HAMMER004	Front Valve Block	1
5.	HAMMER005	Wafer	1
6.	HAMMER006	Back Valve Block	1
7.	HAMMER007	Pin	2
8.	HAMMER008	Socket Set Screw	1
9.	HAMMER009	Trigger Assembly	1
10.	HAMMER010	Rubber Seal, Large	1
11.	HAMMER011	Rubber Seal, Small	1
12.	HAMMER012	Guide with Screw	1
13.	HAMMER013	Hammer Form Tool	1
14.	HAMMER014	Lock Seam Adapter	1

INSTRUCTIONS

1. Do not use without wearing protective eye and ear wear. Be safe!

2. Connect air hammer to an air source of approximately 90 psi for heavier gauge sheet metal. Pressure can be reduced when working with lighter gauges.

3. Place the air hammer guide against the Pittsburgh lock as shown in Figure 1, below. Lightly squeeze the trigger to begin hammer operation. Depress the trigger to achieve the desired result in bending the flange.

4. Keep the piston/forming tool against the metal. Failure to do so will diminish the life of the tool. Do not allow the forming tool to bounce off the flange.

5. Move the air hammer along the seam, hammering over the retainer flange. Note that the position in figure 1 is about 45 degrees to achieve this initial bend.

6. Next, we will make another pass over the flange to close the Pittsburgh lock seam. Note the position as indicated in Figure 2 below.

7. Bends in sheet metal may be removed by removing the aluminum guide and leaving the forming tool in place.

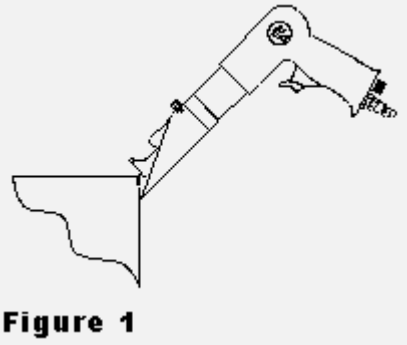

Figure 1

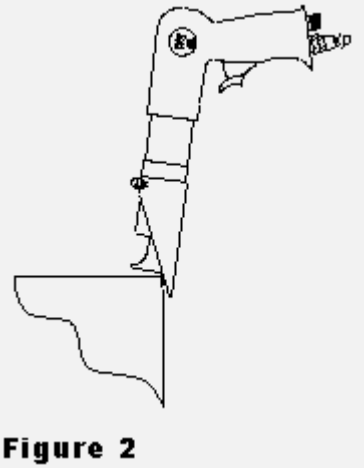

Figure 2

WARRANTY

This air tool is warranted against factory defective parts for six months from date of purchase. TAAG reserves the right to repair or replace, at TAAG's option. Warranty claims require that the air tool be delivered to TAAG, at the below address, for inspection and warranty evaluation.

OTHER TIN KNOCKER SHEET METAL WORKING MACHINES

Tin Knocker is a line of sheet metal working machinery exclusively designed to meet the needs and budget of HVAC CONTRACTORS. It is the only line that produces all the machines necessary to manufacture rectangular duct and fittings with high quality and affordable prices. We have :

BRAKES	ROLL FOMERS	BENDERS	SLITTERS	SHEAR	BEADER
4-10FT 22-16Ga.	Pitts, ButtonLock S&Drive Cleats	Cleat Cheek Bar Folder	20 & 16 Ga.	52”x16Ga	5’x16 Ga.

NOTCHER	TURRET PUNCH	FLANGERS	CRIMPER BEADERS	ROLLS	SPOTWELDER
5”X5”Corner	12 Station	Manual Attachments	Manual Deep Throat Throatless	3’x22Ga	15KVA

Check these great machines out on our website: www.tinknocker.com

Tin Knocker is a product of:

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