

**VT-930  
&  
VT-931  
OPERATING INSTRUCTIONS**

**Victaulic®  
TOOL COMPANY**



**STYLE 930**



**STYLE 931**

**OPERATING  
INSTRUCTIONS  
STYLE 930  
&  
STYLE 931  
MECHANICAL-T® AND VIC-TAP  
HOLE CUTTING TOOL**

**CAUTION**

**FOR YOUR OWN SAFETY BEFORE ASSEMBLING AND OPERATING  
THIS UNIT, READ OPERATOR'S MANUAL CAREFULLY AND  
COMPLETELY. LEARN THE OPERATION, APPLICATIONS AND  
POTENTIAL HAZARDS PECULIAR TO THIS UNIT.**

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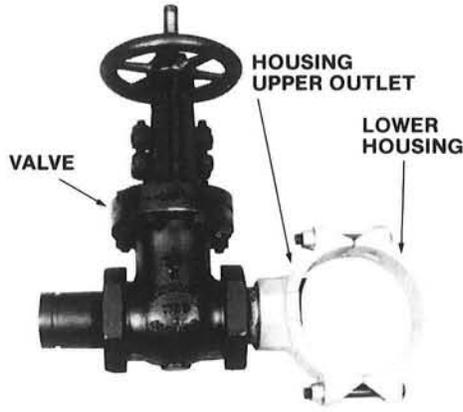
### OPERATOR SAFETY INSTRUCTIONS

The Vic-Tap Tool and Style 930 or 931 Vic-Tap Mechanical Tee/Valve Assembly are designed for making branch connections into IPS steel pipe for liquids only under operating pressures up to 300 psi for Style 930 and 500 psi for Style 931. Proper service and safe operation requires careful attention to proper assembly of the Style 930 or Style 931 unit on the pipe as well as equal care in operation of the Vic-Tap Tool.

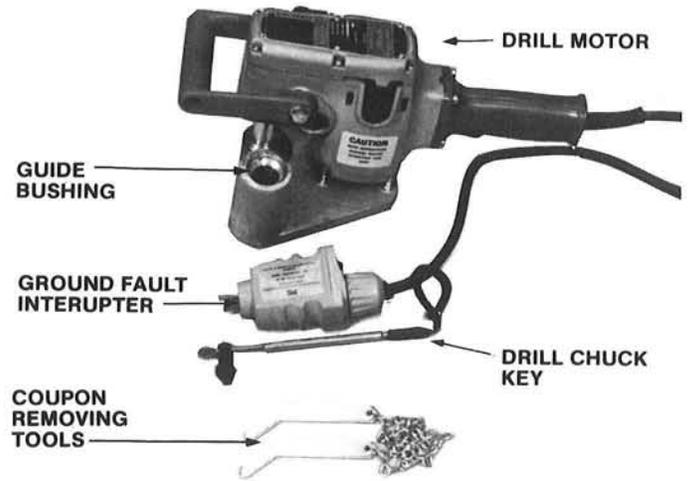
Although the Vic-Tap Tool is designed for safe dependable operation, it is impossible to anticipate those combinations of circumstances which could result in an accident. The following instructions are recommended for safe operation of the tool.

1. Read and understand this Tool Operating Instructions Manual. Before operating or performing maintenance on this tool, read carefully the operator's manual. Become familiar with the tool's operations, applications, and limitations. Be particularly aware of its specific hazards. Store the operator's manual in a clean area and always at a readily available location. Additional copies at no charge are available upon request by writing the Victaulic Tool Company.
2. Ground all Tools. Tool is equipped with three-prong Ground Fault Interrupt Plug. It should be plugged into an internally grounded electrical receptacle. **DO NOT USE ADAPTERS TO TWO-PRONG RECEPTACLE.**
3. Inspect the equipment. Prior to starting the tool, check the movable parts for any obstructions. Be certain that guards and tool parts are properly installed and secured.
4. Keep work area clean. Cluttered areas and benches invite accidents.
5. Avoid dangerous environment. Don't expose tools to rain. Don't use tool in damp or wet locations, and keep work area well lit.
6. Keep visitors away. All visitors should be kept a safe distance from work area.
7. Disconnect power cord prior to servicing or changing saw blades. Maintenance and repair should be attempted only by authorized personnel. Always disconnect power cord to power before servicing or making any adjustments.
8. Keep the work area adjacent to the tool clear of clutter for unobstructed movement of the operator. Remove all oil or coolant spills.
9. Store idle tools. When not in use, tools should be stored in dry, high or locked up place.
10. Don't force tool. It will do the job better and safer at the rate for which it was designed.
11. Use right tool. Don't force small tool or attachment to do the job of a heavy duty tool.
12. Wear proper apparel. No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.
13. Keep alert. Do not operate tool if ill or drowsy from medication or fatigue. Avoid horseplay around equipment and keep bystanders a safe distance from equipment.
14. Use safety glasses with tools. Ear protection may also be necessary.
15. Don't abuse cord. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
16. Secure work. Use clamps or a vise to hold work. It's safer than using your hand, and it frees both hands to operate tool.
17. Don't overreach. Keep proper footing and balance at all times.
18. Maintain tools with care. Keep tools sharp at all times, and clean for best and safest performance. Follow instructions for changing accessories.
19. Disconnect tool, when not in use, before servicing, when changing accessories such as blades, arbor and chuck or before removing coupon from saw.
20. Remove adjusting key and wrenches. Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
21. Avoid accidental starting. Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugged in.
22. Outdoor use of extension cords. When tool is used outdoors use only extension cords suitable for use outdoors and so marked.
23. Do not operate tools in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes.

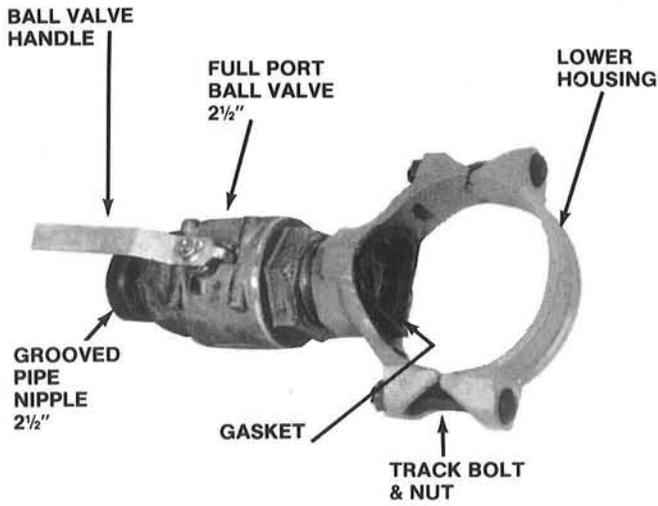
# TOOL NOMENCLATURE



**STYLE 930 UNIT**



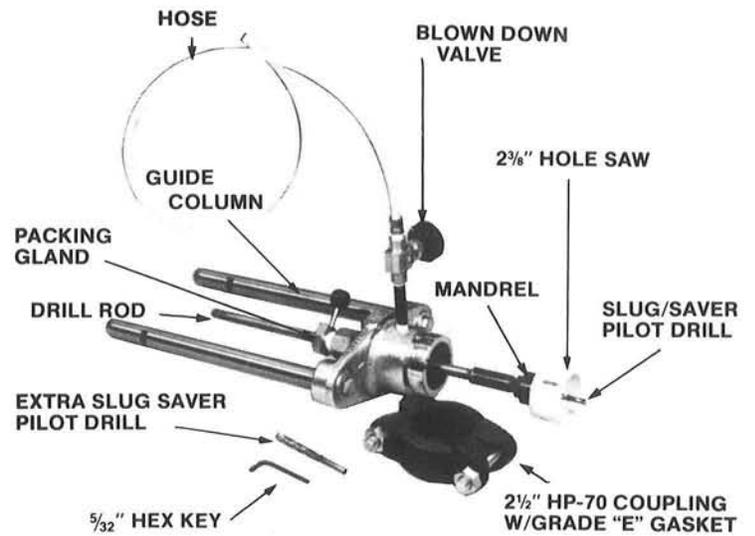
**DRIVE UNIT  
IDENTICAL FOR  
VIC-TAP I AND VIC-TAP II**



**STYLE 931 UNIT  
TYPICAL ALL SIZES**



**FEED ASSEMBLY  
IDENTICAL FOR  
VIC-TAP I AND VIC-TAP II**



**BASE ASSEMBLY  
VIC-TAP II SHOWN  
VIC-TAP I SIMILAR**

## INTRODUCTION

The Vic-Tap I Tool is specifically designed for use with Style 930 Mechanical Tee/Valve Assembly, for making a 2½" branch connection into steel (Schedule 10 to 40) wet piping system while under operating pressures up to 300 psi.

The Vic-Tap II Tool is specifically designed for use with Style 931 Mechanical Tee/Valve Assembly, for making a 2½" branch connection into a steel (Schedule 10 to 40) wet piping system while under operating pressures up to 500 psi. The base assembly of Vic-Tap I and Vic-Tap II are not interchangeable. If you intend to use the Vic-Tap Tool for both styles, you need both base assemblies, one of which must be purchased separately. The Mechanical Tee/Valve Assemblies are not intended for use on cast iron (gray or ductile) or plastic pipe.

## RECEIVING TOOL

Vic-Tap Tools are packaged in wooden chests, designed for repeated shipping of the tool.

The chest should contain:

- Drive Unit Assembly with Ground Fault Interrupter
- Base Assembly (Vic-Tap I or Vic-Tap II type)
- Feeder Assembly
- 2½" HP-70 Coupling with Gasket
- Drill Rod with Slug Saver Pilot Drill and 2⅜" Hole Saw (Part of Base Assembly)
- Coupon Removal Tool
- Two Operating Instructions Manuals
- Extra Slug Saver Pilot Drill
- Additional Pilot Drills and/or Hole Saw Blades if Ordered
- ⅝" Hex Key for Drill Bit Changes

Upon receipt of tool, check to be certain all necessary parts are included. Should the appropriate components not be contained, notify the Victaulic Tool Company.

If you are renting the tool, be certain to save original chest for return shipment.



## RECEIVING STYLE 930 OR STYLE 931 MECHANICAL TEE/VALVE ASSEMBLY

Style 930 and Style 931 Mechanical Tee/Valve Assemblies are packed individually. Upon receipt, check to be certain you have a complete assembly.

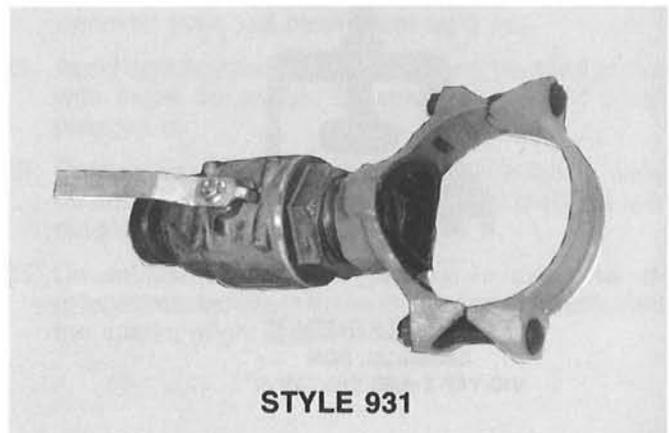
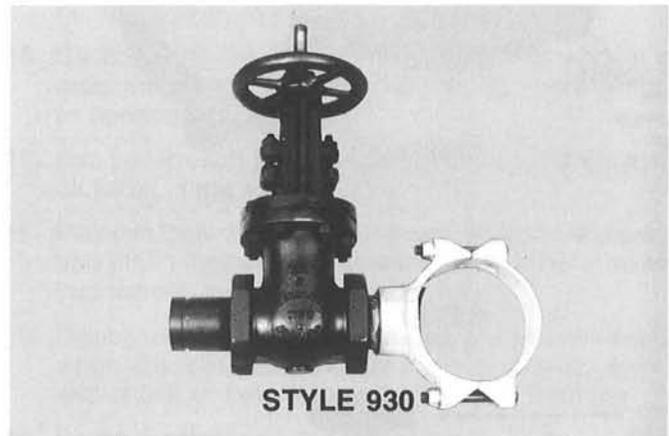
A complete assembly consists of:

- Mechanical Tee Lower Housing
- Two Track Bolts and Nuts

Items below are supplied assembled:

- Mechanical Tee Upper Housing with Threaded Outlet and hardened jaw inserts and gasket (taped in for shipping)
- Threaded Close Pipe Nipples
- Threaded Valve (Gate Valve for Style 930, Ball Valve for Style 931)
- Grooved by Threaded Pipe Nipple

Should any items be missing, contact the Victaulic Tool Company.



## POWER REQUIREMENTS

The Vic-Tap Tool is designed to operate on a 120 volt, single phase, 60 Hz, 15 AMP, internally grounded power supply. The tool is supplied with a cord mounted ground fault interrupter that **must** be plugged into an internally grounded outlet or extension cord. **UNDER NO CIRCUMSTANCES SHOULD THE TOOL BE PLUGGED INTO AN UNGROUNDED OUTLET OR EXTENSION CORD.**

the tool is operating. The voltage drop will cause damage to the tool and can result in failure of the tool to operate properly. Use of a heavier than necessary cord size (gauge) is acceptable.

Listed in the chart below is the recommended cord size (gauge) for cord lengths up to and including 100 feet. Use of extension cords beyond 100 feet in length should be avoided.

### VICTAULIC EXTENSION CORD REQUIREMENTS FOR 120 VOLT, SINGLE PHASE, 60 HERTZ TOOL

When prewired outlets are not available and an extension cord must be used, it is important to use the proper cord size (e.g., conductor size American Wire Gauge). Cord size selection is based upon tool rating (amps) and cord length (ft.). Use of a cord size (gauge) thinner than required will cause a significant voltage drop at the tool while the

RECOMMENDED EXTENSION CORD CONDUCTOR SIZE (AWG) AT VARIOUS CORD LENGTHS (FT.)				
TOOL	REQ'D. SUPPLY VOLT/AMPS	CORD LENGTHS		
		25 FEET	50 FEET	100 FEET
VIC-TAP	120/15	12	12	10

## INSTALLATION OF STYLE 930 ON PIPE

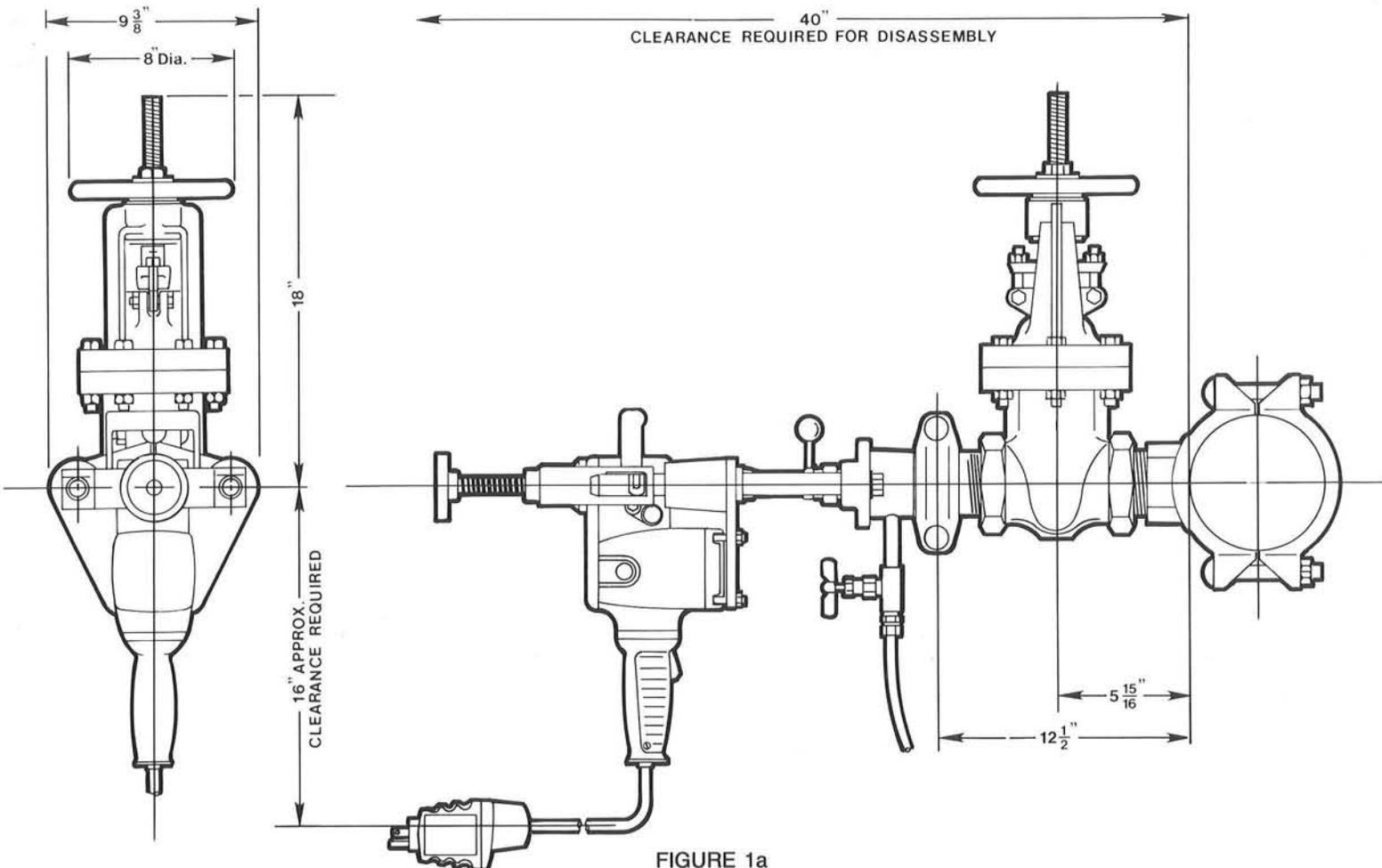


FIGURE 1a

# INSTALLATION OF STYLE 931 ON PIPE

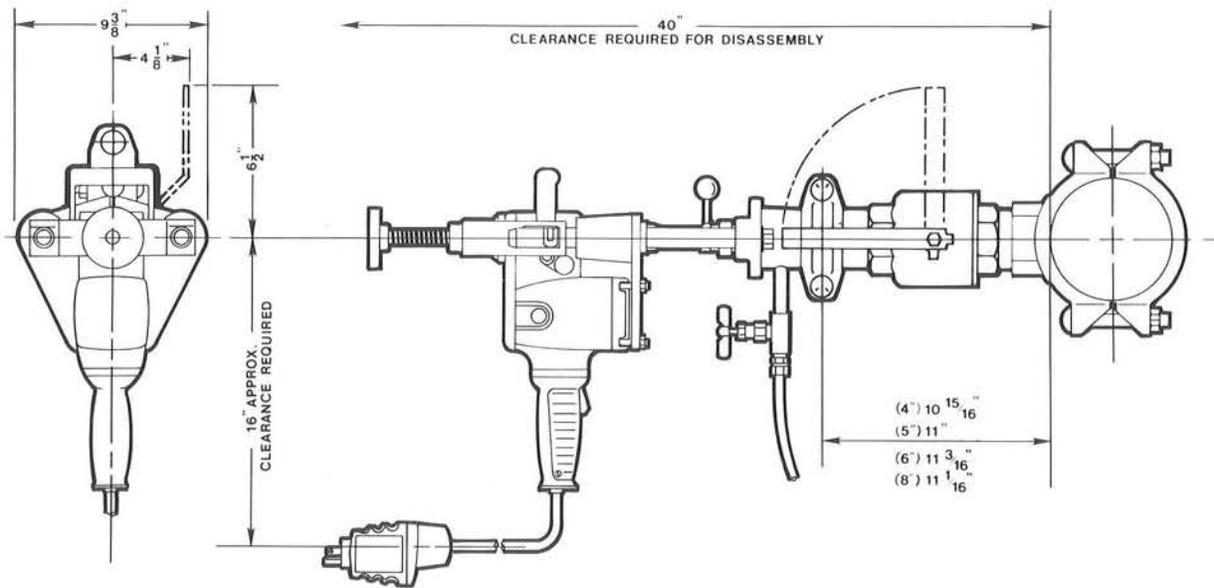
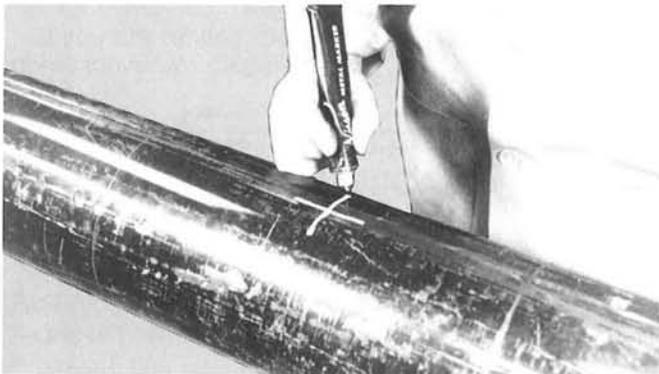


FIGURE 1b

1. Select a suitable location to tap into the run for the branch connection. Choice of location must take into account the space required for the Mechanical Tee/Valve Assembly unit and the Vic-Tap Tool. See Figures 1a and 1b for the physical dimensions of the Mechanical Tee/Valve Assembly units and Vic-Tap Tool.



2. With a suitable marking instrument, mark the pipe (run) to be cut into at the location where the center of the branch is to be, as shown. Mark the center clearly as you will have to sight through the Mechanical Tee/Valve Assembly unit and see the mark later in this procedure.

3. Inspect the pipe surface where the Mechanical Tee gasket will seat (See Figure 2). It must be smooth and free from indentations or projections which may affect gasket sealing.

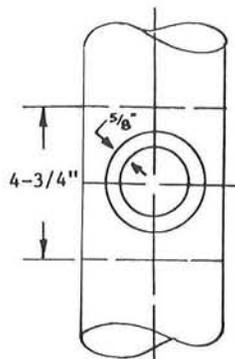
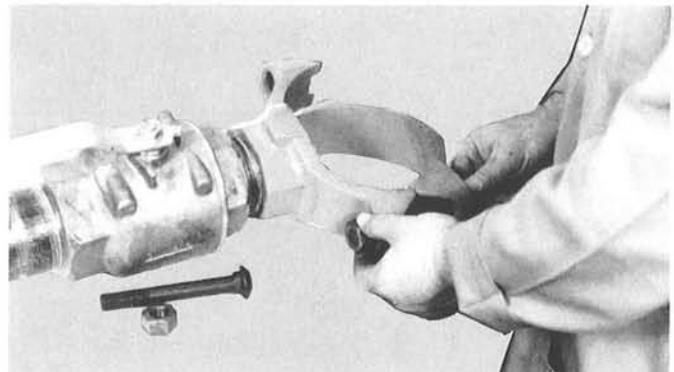
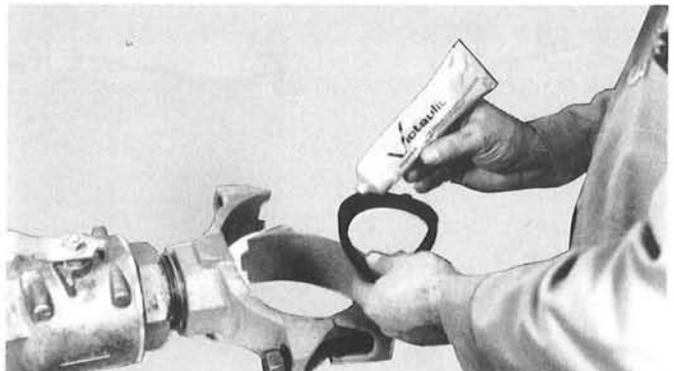


FIGURE 2

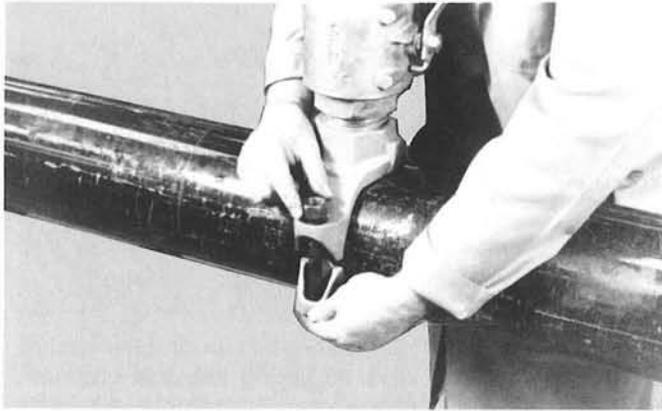
4. Inspect the pipe surface around the entire pipe circumference within the "A" dimension (See Figure 2). It must be free of projections which may prevent the Mechanical Tee housings from seating fully on the pipe surface.



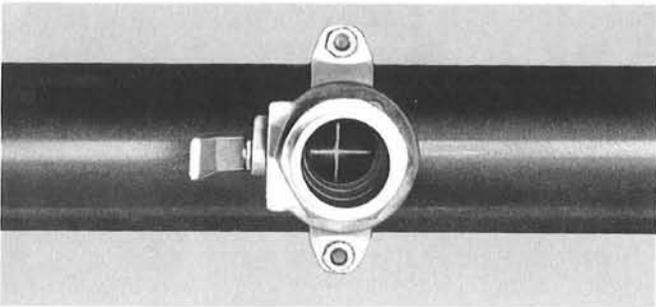
5. Remove one nut and track bolt from the Mechanical Tee. Loosen the other nut until it is flush with the end of the bolt as shown. Do not remove nut. Photos are of Style 931 units. Style 930 is similar.



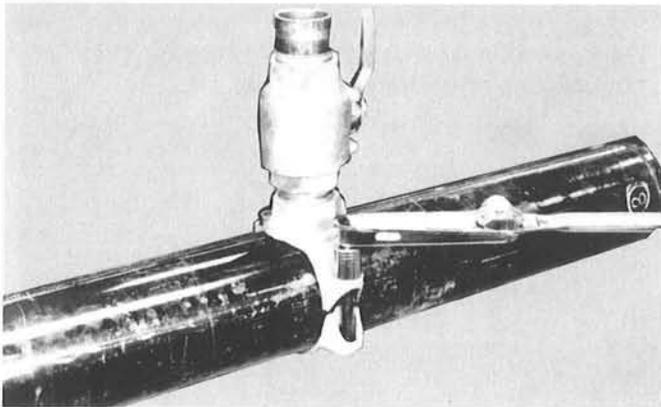
6. Remove and discard the tape holding in the Mechanical Tee gasket. Remove gasket and completely lubricate with Victaulic Lubricant as shown. Install gasket back into the Mechanical Tee. **DO NOT TAPE IN.**



7. Place Mechanical Tee/Valve Assembly unit, with gasket over mark on pipe. Swing lower housing around pipe and assemble track bolt and nut which was removed. Be sure the lower housing is in alignment with the upper housing portion of the Mechanical Tee. Tighten both nuts finger tight so that the Mechanical Tee/Valve Assembly unit can be moved into proper alignment with mark on pipe.

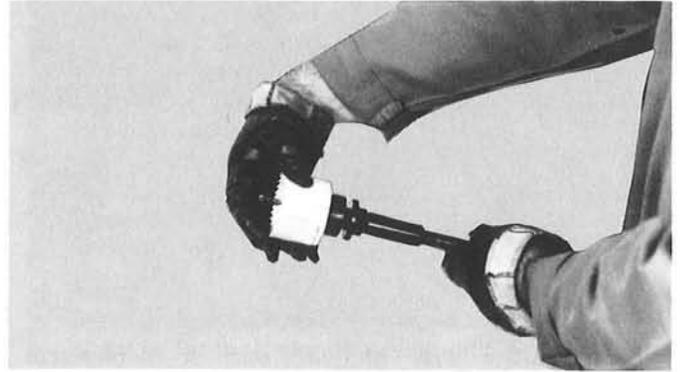


8. Fully open the valve. Sight through the valve and position the unit directly over the mark on the pipe as shown.

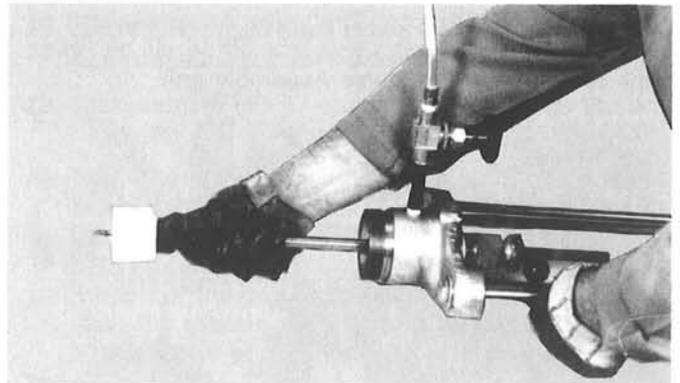


9. When aligned properly, uniformly tighten the nuts using a torque wrench to 75 foot-pounds. A properly assembled Mechanical Tee/Valve Assembly unit will have even gaps between the bolt pads and metal-to-metal contact between the pipe and inside surface of the Mechanical Tee unit adjacent to the ball valve. Tightening the nuts beyond 75 foot-pounds does not increase the sealing capacity of the gasket or gripping strength of the Mechanical Tee, but merely increases stress.

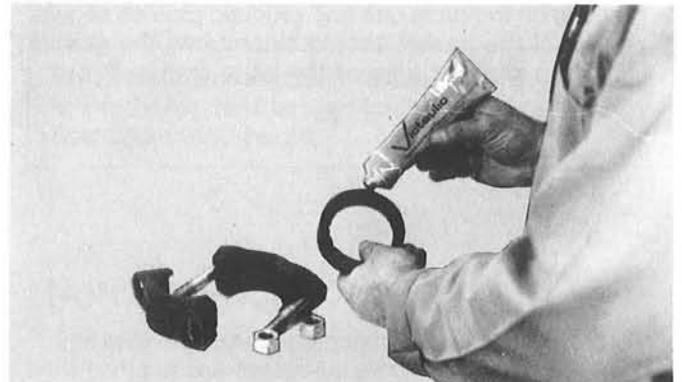
## VIC-TAP TOOL OPERATION



1. Install the 2 $\frac{3}{8}$ " diameter hole saw blade onto the drill rod as follows:
  - a. Fully retract locking ring on drill rod as far as it will go.
  - b. Thread 2 $\frac{3}{8}$ " hole saw blade onto the drill rod as far as it will go (as shown). **CAUTION:** Hole saw blade has sharp teeth, wear a heavy glove when installing the blade.
  - c. Back off the hole saw blade until the holes in the saw are aligned with the drive pins.
  - d. Fully tighten locking ring making sure the drive pins engage the holes in the saw. The saw may have some play in it depending on how far it was backed off for pin alignment. This is normal and will not affect saw operation.
  - e. Use pliers or other suitable tools to securely tighten locking ring.



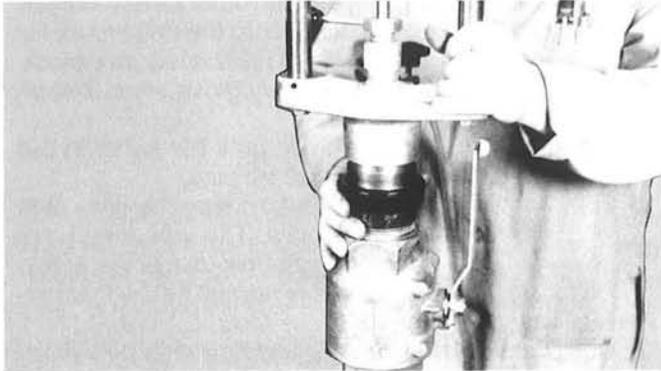
2. Install drill rod into the base unit of the Vic-Tap Tool as shown (packing gland should be loose). Exercise care not to damage packing gland when inserting drill rod.



3. **MAKE SURE BALL VALVE IS FULLY OPEN.** Remove gasket from the 2 $\frac{1}{2}$ " HP-70 and lubricate with Vic-Lube as shown.



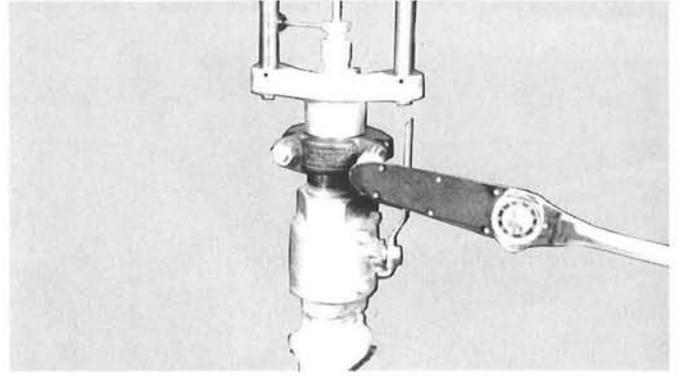
4. Install gasket over grooved end of Mechanical Tee/Valve Assembly unit as shown, being sure gasket lip does not overhang the end of the pipe.



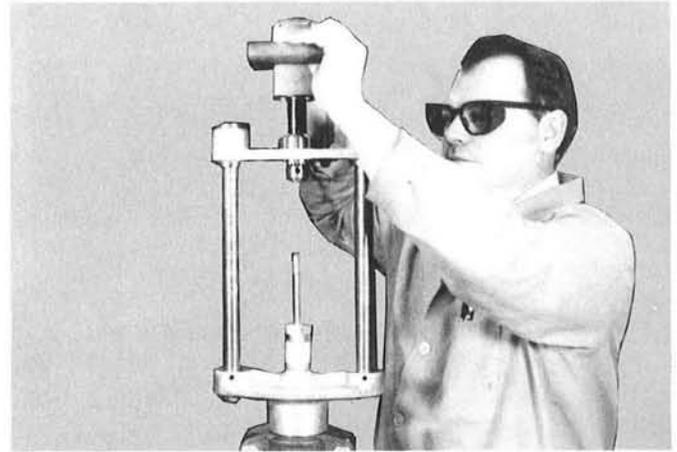
5. Position the base unit flush up against the grooved pipe end of the Mechanical Tee/Valve Assembly unit as shown. At this point the hole saw blade will be inside the mechanical Tee/Valve Assembly unit.



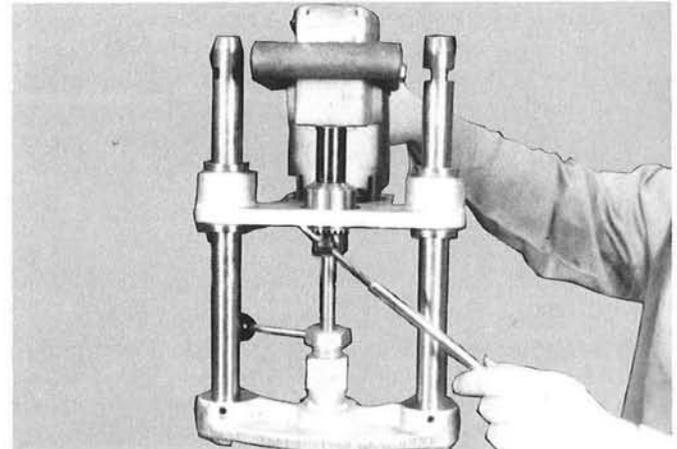
6. Slide the HP-70 Gasket into position centered between the grooves on the base unit and grooved pipe as shown. No portion of the gasket should extend into the groove on either the grooved pipe or the base unit.



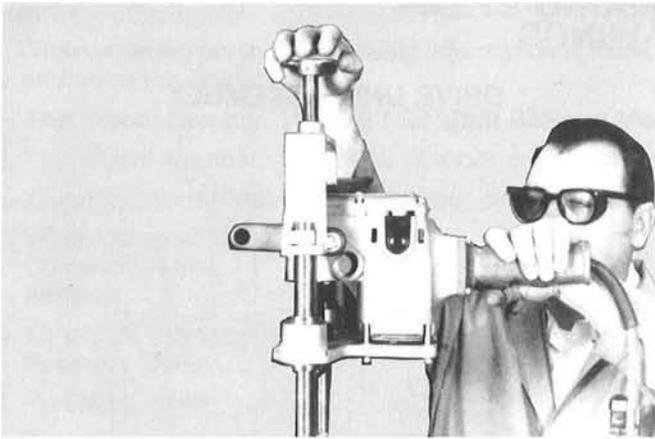
7. Assemble the 2½" HP-70 coupling around the gasket with the coupling keys engaging into the grooves. (NOTE: HP-70 couplings have a tongue and recess feature and must be properly mated with tongue into recess. Failure to properly mate the tongue and recess can cause joint failure.) Insert the track bolts and apply nuts finger tight. Tighten nuts alternately and equally with torque wrench to 60-80 ft.-lbs. as shown.
8. Push drill rod into the Mechanical Tee/Valve Assembly unit as far as it will go. **MAKE SURE VALVE IS FULLY OPEN.**



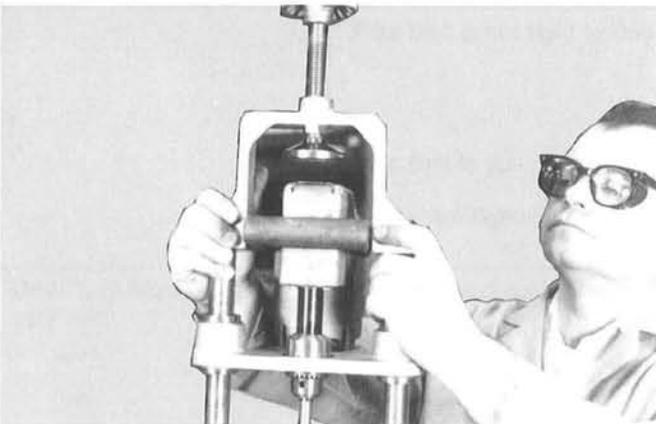
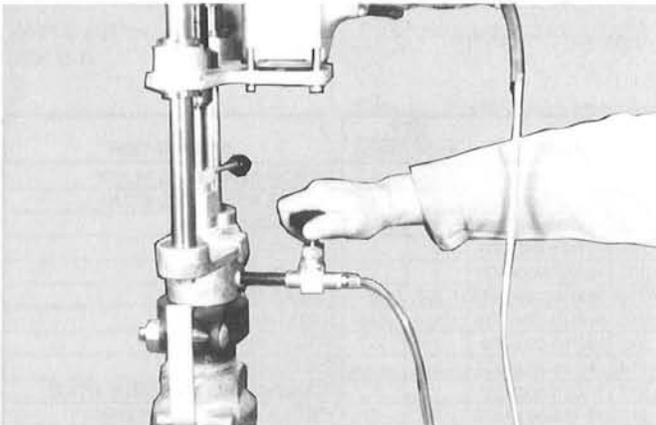
9. Fully open drive unit chuck and slide Vic-Tap Drive unit onto alignment columns as shown.



10. Engage chuck onto the end of drill rod and tighten chuck with chuck key as shown. Make sure chuck engages the flats on the drill rod.



11. Fully retract feed handle of feeder assembly. Snap feeder assembly onto alignment columns as shown.
12. Advance feed knob until pad contact the drive unit.
13. Plug drive unit ground fault interrupter into a 115 volt supply **with internal ground**. See power requirements. **MAKE SURE POWER SOURCE IS PROPERLY INTERNALLY GROUNDED.** Press "test" button on ground fault interrupter. "Fault Light" should come on. Press "Reset" button. "Fault Light" should go off. If "Fault Light" functions as indicated, proceed with next step. If not, do not use tool until malfunction is found and corrected.
14. Position end of vinyl tube of the base assembly so that when fluid escapes it will not contact any electrical wires or create a slippery condition for the operator.



15. Make sure blow down valve is open. Check and make sure drive unit directional switch located in the drive

unit handle is in the forward position. Run drive unit by squeezing trigger switch and holding. Slowly turn the feed knob clockwise cutting a hole in the pipe with the pilot drill. Continue feeding until the pilot drill breaks through to the inside of the pipe then stop drive unit. When the pilot drill breaks through, handle effort will drop and the liquid in the pipe will start flowing out through the blow down valve and vinyl tube. Close the blow down valve once the fluid has started flowing. Check the drill rod packing gland for any leakage, lightly tighten gland to stop any leakage.

16. Restart and run drive unit. Feed hole saw into the pipe making a smooth cut all the way through to the inside of the pipe, then stop the drive unit. Feed effort will be greatly reduced and drive unit will speed up as the cut is completed.
17. Fully retract the feed knob. The drive unit should follow the feeder as it is retracted due to the pressure inside the pipe pushing on the hole saw and drill rod. If there is insufficient pressure to push the drive unit out, pull the drive unit up against the feeder pad when the feed knob is fully retracted.
18. With the chuck key, loosen the chuck.
19. Push the drive unit in slightly off the feeder pad and hold. Snap off the feeder assembly. Slowly and carefully slide the drive unit back and off the alignment columns before the chuck slides off the drill rod.
20. Make sure drill rod is fully retracted. Fully close the valve.
21. **CAUTION: Open blow down valve to exhaust trapped pressure between valve and Vic-Tap base unit.**
22. Disassemble HP-70 coupling and remove the base assembly.
23. **NOTE:** The coupon has remained in the hole saw blade due to the special Victaulic pilot drill. Remove the coupon from the saw before attempting to cut additional holes. In the unlikely event the pilot drill has broken or the coupon has not remained in the hole saw, the system must be drained to a point which allows retrieval of the pilot drill or coupon.

The "wet" tap is now complete, with pressure contained behind the closed valve. Branch piping can now be connected with standard Victaulic Couplings.

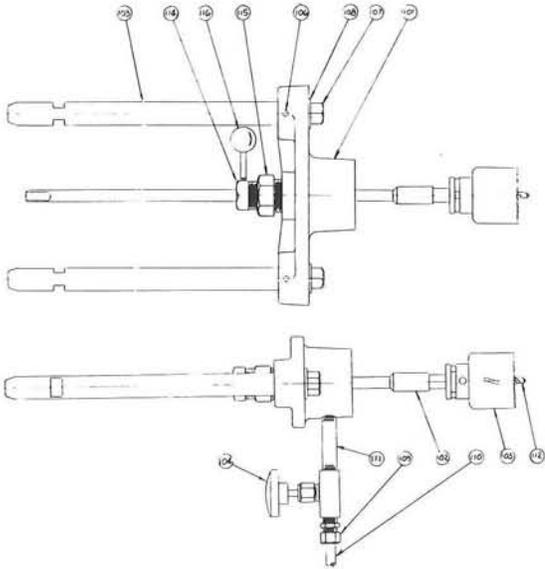
**WARNING: Do not open valve until branch system is ready for test or service as serious injury or flooding could result.**

## MAINTENANCE

The only regular maintenance required is an occasional light oiling of the alignment columns to keep them from rusting and lubrication of the feeder threaded rod. Apply a light film of SAE 30 motor oil to the shafts and feeder rod about once a month.

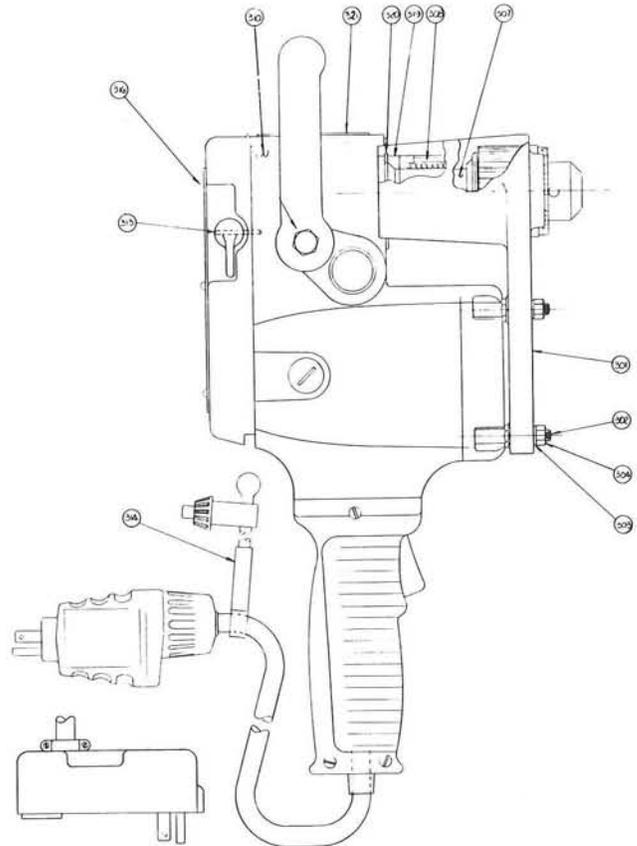
# VIC-TAP I AND II PARTS — DRAWINGS

## VIC-TAP BASE ASSEMBLY



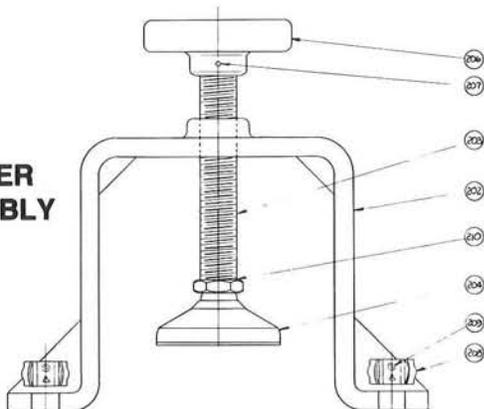
ITEM NO.	PART NO.	QTY.		DESCRIPTION
		S/930	S/931	
101	R-101-901-VT1	1	1	BASE PLATE
102	R-102-901-VT1	1	—	DRILL ROD
102	R-102-902-VT2	—	1	DRILL ROD
103	R-103-901-VT1	2	—	GUIDE COLUMN
103	R-103-902-VT2	—	2	GUIDE COLUMN
104	N-H04-000-009	1	1	BLOW DOWN VALVE
105	N-M18-000-036	1	1	HOLE SAW BLADE 2 $\frac{3}{8}$ " DIA.
106	N-P01-004-032	2	2	ROLL PIN
107	N-S01-080-108	2	2	HEX HD. CAP SCR. 1/2"-13 NCx1 $\frac{1}{2}$ "
108	N-W01-080-000	2	2	FLAT WASHER - 1/2"
109	N-H11-006-004	1	1	MALE CONNECTOR
110	N-H19-006-001	1	1	TUBING
111	N-H11-004-007	1	1	PIPE NIPPLE
112	R-402-900-HCT	1	1	SLUG SAVER DRILL BIT ASSEMBLY
113	R-050-900-HCT	1	1	KNOCK OUT HANDLE ASS'Y. (Not Shown)
114	N-M19-000-001	1	1	UPPER GLAND
115	N-M19-000-002	1	1	LOWER GLAND
116	N-M04-000-003	1	1	GLAND HANDLE

## DRIVE UNIT ASSEMBLY



ITEM NO.	PART NO.	QTY.		DESCRIPTION
		S/930	S/931	
301	R-301-900-HCT	1	1	MOTOR MOUNTING PLATE
302	R-302-900-HCT	4	4	MOTOR MOUNTING STUD
303	N-W03-080-000	4	4	LOCKWASHER 1/4
304	N-N01-080-000	4	4	HEX NUT 1/4-20 NC
307	R-307-900-HCT	1	1	CHUCK EXTENSION
308	N-B08-100-001	2	2	LINEAR BEARING
310	N-M20-000-001	1	1	DRILL MOTOR
313	N-P80-000-003	1	1	ROLL PIN
314	R-314-900-HCT	1	1	CHUCK KEY
317	N-E15-000-003	1	1	GROUND FAULT INTERRUPTER
319	R-319-900-HCT	2	2	LINEAR BEARING SPACER
320	N-T01-000-156	2	2	RETAINING RING
321	R-321-901-VT1	1	1	CAUTION LABEL

## FEEDER ASSEMBLY



ITEM NO.	PART NO.	QTY.		DESCRIPTION
		S/930	S/931	
202	R-202-900-HCT	1	1	FEEDER BRACKET
203	R-203-900-HCT	1	1	ROD
204	R-204-900-HCT	1	1	LEVELING PAD
206	R-206-900-HCT	1	1	HANDWHEEL
207	N-P80-000-003	1	1	ROLL PIN
208	N-T08-000-001	2	2	SPEED CLIP
209	N-T07-020-006	2	2	POP RIVET

## PARTS ORDERING INFORMATION

When ordering parts, the following information is necessary for the Victaulic Tool Company to process the order promptly and send the correct part(s).

1. Tool Model Number. Vic-Tap I for Style 930's or Vic-Tap II for Style 931's.
2. Tool Serial Number. The serial number can be found on the Bottom side of the drive unit — VT-xxxxx.
3. (Quantity), Item Number, Part Number, and Description. For example: (1), 105, N-M18-000-036, 2-3/8" Hole Saw Blade.
4. Where to send the part(s).  
Company Name  
Address
5. To whose attention to send the part(s).  
Person's Name
6. Purchase Order Number

Order parts from the nearest Victaulic Sales Office. Consult the back page of this Instruction Manual for the nearest Victaulic Sales Office.

TROUBLE SHOOTING		
PROBLEM	POSSIBLE CAUSE	SOLUTION
Feed assembly will not fit on alignment columns	<p>Feed handle not fully retracted.</p> <p>Pilot Drill not fully inserted in Drill Rod Arbor.</p> <p>Drill Rod not fully inserted in Chuck.</p> <p>Valve not fully open.</p>	<p>Fully retract Handle</p> <p>Remove Base Assembly and Drill Rod from Mechanical Tee/Valve Unit. Loosen Drill Rod Arbor Set Screw making sure Pilot Drill Flats are aligned with Set Screw.</p> <p>Loosen chuck Key, slide Drill Rod fully into Chuck and tighten Chuck making sure Chuck engages the Drill Rod Flats.</p> <p>Fully open Valve. Push Drive Unit and Drill Rod in until Pilot Drill contacts pipe.</p>
Motor (Drive Unit) will not run.	<p>Tool not plugged in.</p> <p>Ground Fault Interrupter is tripped.</p> <p>Fuse is blown or circuit breaker is off or tripped.</p> <p>Plug not making good contact with receptacle or extension cord.</p> <p>Motor (Drive Unit) Trigger Switch is defective.</p>	<p>Plug tool into 115 volt 15 AMP <b>grounded</b> outlet.</p> <p>Reset Interrupter. If interrupter trips again, determine cause and take corrective action.</p> <p>Check power supply fuse or breaker and correct. If fuse or breaker blows or trips again, determine cause and take corrective action.</p> <p>Inspect connection(s) and make repairs as necessary.</p> <p>Replace Switch.</p>
Pilot Drill will not cut.	<p>Drive unit is being run in reverse.</p> <p>Pilot Drill is not tight in Drill Rod Arbor.</p> <p>Pilot Drill is dull.</p> <p>Chuck not tightened properly on Drill Rod.</p>	<p>Move Motor (Drive Unit) Switch to <b>forward</b> position.</p> <p>Disassemble Base Unit and Drill Rod from Mechanical Tee/Valve Assembly Unit and tighten Arbor Set Screw. Make sure Set Screw engages flat on Pilot Drill.</p> <p>Replace Pilot Drill</p> <p>Loosen Chuck, align Drill Rod Flats with Chuck Jaws and tighten Chuck.</p>
Drive Unit Motor gets very hot.	<p>Hole is being cut too fast.</p> <p>Too thin or too long an extension cord is being used.</p> <p>Hole saw blade is dull.</p>	<p>Feed saw into cut at a moderate rate without "bogging" down Motor.</p> <p>Replace extension cord with one of proper size and length, see Extension Cord Chart.</p> <p>Finish cutting hole at a slow rate. Replace blade prior to making another Hot Tap.</p>

## TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Hole Saw Blade will not cut or stops cutting before hole is complete.	<p>Drive Unit is being run in reverse.</p> <p>Hole Saw Blade is worn out.</p> <p>One or more teeth have broken off Hole Saw Blade and lodged in cut.</p>	<p>Move Drive Unit Switch to the <b>forward</b> position.</p> <p><b>Depressurize and drain pipe being cut into.</b> Disassemble Vic-Tap Unit from the Mechanical Tee/Valve Assembly Unit and replace Hole Saw Blade. Reassemble Unit and finish cutting hole before refilling and pressurizing system.</p> <p><b>Depressurize and drain pipe being cut into.</b> Disassemble Vic-Tap Unit from the Mechanical Tee/Valve Assembly Unit. Dismount Mechanical Tee/Valve Assembly Unit from pipe. Inspect pipe for teeth with center punch or small chisel (wear eye protection). Reassemble Vic-Tap Unit to pipe in exact same position that it was in. Replace Saw Blade with new one. Reassemble Vic-Tap Unit to Mechanical/Tee Valve Assembly Unit. Finish cutting hole prior to refilling and depressurizing system.</p>
Pilot Drill and/or Coupon did not come out with Drill Rod.	Pilot Drill broke off and/or its coupon retaining feature was damaged.	<b>Depressurize system and drain to a point where the Pilot Drill and/or coupon can be retrieved.</b>

### VICTAULIC TOOL COMPANY

1326 Tatamy Road  
Easton, PA 18045-7400  
Phone: 610/559-3300  
FAX: 610/250-7065

■ **Tool Shipments**  
1326 Tatamy Road  
Easton, PA 18045-7400  
Phone: 610/559-3300  
FAX: 610/250-7065

■ **Sales and Lease Payments**  
P.O. Box 8538-244  
Philadelphia, PA 19171-0244

### VICTAULIC COMPANY OF AMERICA

**World Headquarters**  
P.O. Box 31  
Easton, PA 18044-0031  
4901 Kesslersville Road  
Easton, PA, USA 18040  
Phone: 610/559-3300  
FAX: 610/250-8817  
<http://www.victaulic.com>

#### U.S. BRANCH SALES OFFICES AND SERVICE CENTERS

■ **California:** (Los Angeles)  
Long Beach 90810  
20934 So. Santa Fe Avenue  
Phone: 310/537-1691  
FAX: 310/537-9536

■ **Massachusetts:** (Boston)  
Franklin 02038  
7 Forge Parkway  
Phone: 508/528-7500  
FAX: 508/528-7550

■ **Pennsylvania:** (Pittsburgh)  
Warrendale 15086  
166 Thorn Hill Road  
Phone: 412/931-1693  
FAX: 412/776-0730

■ **Colorado:** Denver 80239  
5045 Paris Street  
Phone: 303/371-1320  
FAX: 303/371-1324

■ **Metro Branch:**  
Easton, PA 18040  
4901 Kesslersville Road  
Phone: 800/742-5842  
FAX: 800/437-6573

■ **Texas:** Houston 77078  
7177 Railspur Street  
Phone: 713/635-6865  
FAX: 915/332-4924

■ **Georgia:** Norcross 30093  
4290 International Blvd.  
Phone: 770/925-1161  
FAX: 770/381-7391

■ **Michigan:** (Detroit)  
Farmington Hills 48335  
23107 Commerce Drive  
Phone: 810/471-3600  
FAX: 810/471-4061

■ **Texas:** Odessa 79763  
2650 Remington Road  
Phone: 915/332-1489  
FAX: 915/332-4924

### VICTAULIC INTERNATIONAL

**Division of Victaulic Company of America**  
P.O. Box 31  
Easton, PA, USA 18044-0031  
4901 Kesslersville Road  
Easton, PA, USA 18040  
Phone: 610/559-3300  
FAX: 610/559-3608

■ **Illinois:** (Chicago)  
Bensenville 60106  
730 Thomas Drive  
Phone: 630/595-8310  
FAX: 630/595-8324

■ **Missouri:** Kansas City 64120  
5900 Deramus Avenue  
Phone: 816/241-4521  
FAX: 816/241-6258

■ **Washington:** (Seattle)  
Kent 98032  
22633 83rd Ave. So.  
Phone: 206/872-2200  
FAX: 206/872-2203

■ **Maryland/DC:** Baltimore 21227  
6600 Amberton Drive  
Phone: MD-410/796-0500  
DC-301/621-2360  
FAX: 410/796-1974

### VICTAULIC COMPANY OF CANADA

**Canadian Headquarters**  
65 Worcester Road  
Rexdale, Ontario  
Canada M9W 5N7  
Phone: 416/675-5575  
FAX: 416/675-5565

#### CANADIAN BRANCH SALES OFFICES AND SERVICE CENTERS

■ **Alberta:**  
Edmonton T5M 3S9  
15353 114th Avenue  
Phone: 403/452-0680  
FAX: 403/452-2430

■ **Ontario:** (Toronto)  
Rexdale M9W5N7  
65 Worcester Road  
Phone: 416/675-5575  
FAX: 416/675-5729

■ **Quebec:** (Montreal)  
Pointe Claire H9R 4S4  
975 rue Selkirk  
Phone: 514/426-3500  
FAX: 514/426-2818

■ **British Columbia:**  
Delta V4G 1H1  
Unit 5, 7560 Vantage Way  
Phone: 604/940-3301  
FAX: 604/940-3360

■ **Ontario:**  
Sudbury P3A 5K2  
1070 Elisabella Street  
Phone: 705/560-9595  
FAX: 705/560-9490



Victaulic Factory Representatives and Distributors Stock Worldwide

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