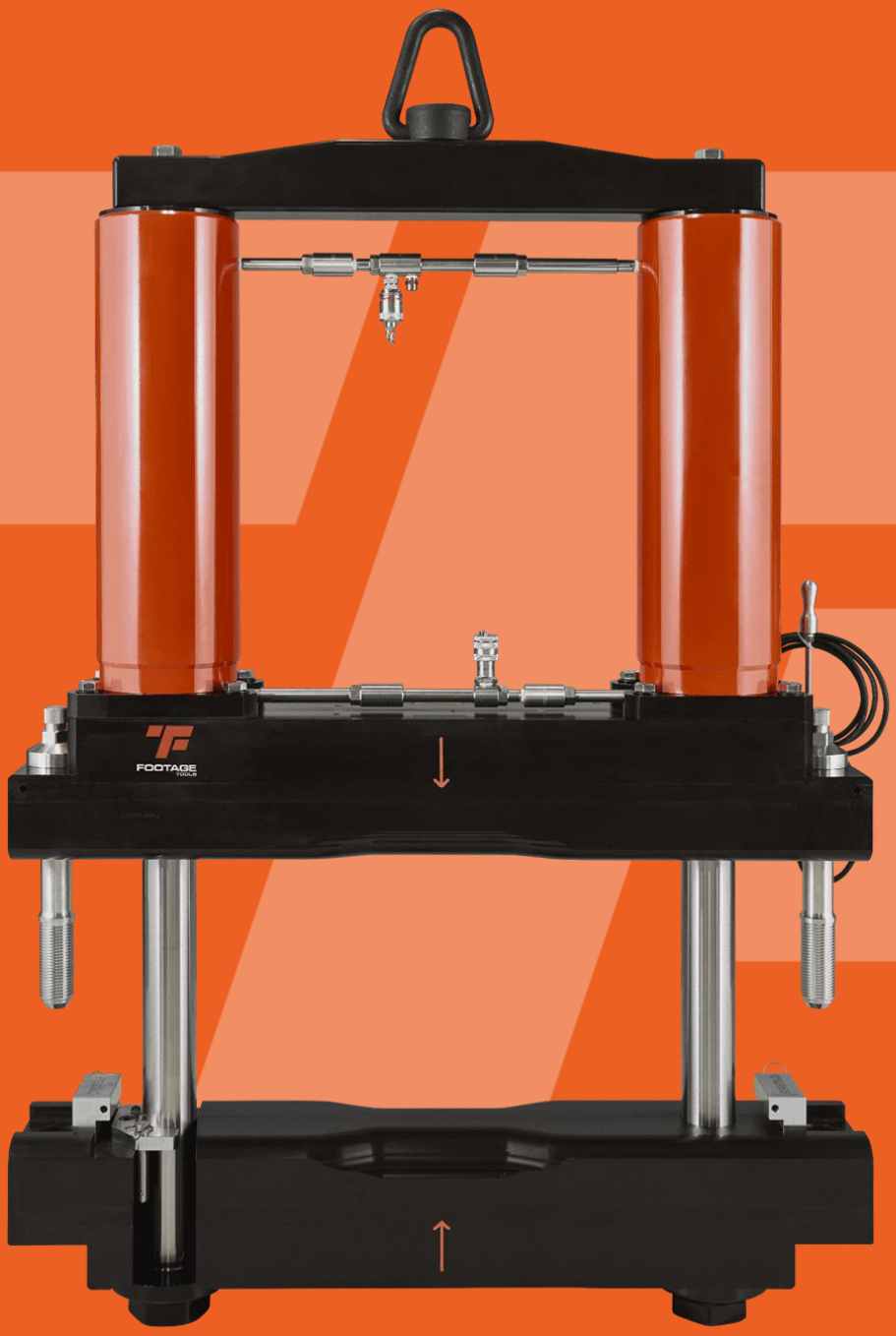
Owner's Manual

C1600-A1 Hydraulic Squeeze Off Tool



Phone (905) 695-9900

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54 Audia Crt. Vaughan, ON, Canada L4K 3N4

DO NOT OPERATE THESE TOOLS UNLESS THESE INSTRUCTIONS HAVE BEEN CAREFULLY READ AND UNDERSTOOD

SAFETY WARNING:

DO NOT OPERATE THESE TOOLS UNLESS THESE INSTRUCTIONS HAVE BEEN CAREFULLY READ AND UNDERSTOOD. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGES, INCLUDING WITHOUT LIMITATION DEFECTS, DETERIORATION, WEAR, ERROR, FAILURE OF THE SQUEEZE OFF TOOL, OR INJURY, INCLUDING WITHOUT LIMITATION DEATH AND INCAPACITATION. FOOTAGE TOOLS INC. EXPRESSLY DISCLAIMS ANY AND ALL LIABILITY FOR DIRECT, INDIRECT, INCIDENTAL, SPECIAL, BODILY, EXEMPLARY OR DAMAGES OF ANY KIND, WHETHER FORESEEABLE OR UNFORESEEABLE, ARISING OUT OR IN CONNECTION WITH THE FAILURE TO COMPLY WITH THIS OWNER'S MANUAL.

WARNING:

- DO NOT EXCEED THE RECOMMENDED SQUEEZE AND RELEASE RATES. TEMPERATURES BELOW 32°F (0°C). REQUIRE SLOWER SQUEEZES AND RELEASES. RELEASES ARE MORE CRITICAL THAN SQUEEZES; THUS, SLOWER RATES ARE REQUIRED. CONSULT YOUR LOCAL UTILITY REGARDING THEIR SPECIFIC RECOMMENDATIONS FOR THIS PROCEDURE.
- WHEN PERFORMING A SQUEEZE, STAY A MINIMUM OF 3 TIMES THE PIPE DIAMETER FROM FITTINGS, FUSIONS, OR PREVIOUSLY SQUEEZED PIPE.
- ENSURE THE GROUNDING SYSTEM IS PROPERLY PLANTED IN THE SOIL TO REDUCE THE CHANCES OF STATIC DISCHARGE.
- DO NOT MODIFY OR ALTER THE TOOL IN ANY WAY. ONLY USE FOOTAGE TOOLS REPLACEMENT PARTS PROVIDED BY THE MANUFACTURER OR AUTHORIZED DISTRIBUTOR.
- USE EXTREME CAUTION WHEN OPERATING THE TOOL NEAR LIVE ELECTRICAL WIRES, BURIED UTILITIES, OR OTHER HAZARDS.
- IN CASE OF MALFUNCTION, IMMEDIATELY STOP USING THE TOOL AND CONTACT A QUALIFIED TECHNICIAN FOR INSPECTION AND REPAIR.
- WHEN OPERATING THIS TOOL, SAFETY EQUIPMENT, INCLUDING SAFETY GLASSES ARE REQUIRED.
- BEFORE PERFORMING A SQUEEZE, CLEAN THE POCKETS ON THE UNDERSIDE OF THE LOWER BAR AND WHERE THE SIDE SHAFTS/CYLINDER RODS WILL CONTACT THE LOWER BAR. REINSPECT AFTER TOOL IS LOWERED INTO POSITION ON PIPE JUST PRIOR TO SQUEEZE.

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SAFETY WARNING:

WARNING:

- FOR HYDRAULIC SQUEEZE TOOLS: INSPECT HYDRAULIC HOSES FOR SIGNS OF DAMAGE OR CUTS AND REPLACE IF NECESSARY. ENSURE HYDRAULIC FITTINGS ARE FULLY ENGAGED.
- BEFORE PERFORMING A SQUEEZE, ENSURE THE PIPE IS CENTRED BETWEEN SIDE SHAFTS/CYLINDER RODS AND THE TOOL IS IN AN UPRIGHT POSITION.
- FOR HYDRAULIC SQUEEZE TOOLS: BEGIN TO ENGAGE THE SAFETY LOCK DOWN BOLTS WHEN THE UPPER BAR IS APPROXIMATELY ONE INCH FROM TOUCHING THE GAUGE STOP.
- FOR HYDRAULIC SQUEEZE TOOLS: ENSURE YOU READ AND UNDERSTAND HOW TO OPERATE THE NEEDLE VALVE IF INSTALLED ON THE HYDRAULIC PUMP.
- WHEN SQUEEZING HDPE PIPE, DUE TO THE NATURE OF THE MATERIAL, IT MAY BE NECESSARY TO DOUBLE SQUEEZE AND VENT TO ATMOSPHERE BETWEEN THE SQUEEZED SECTIONS IN ORDER TO ACHIEVE FLOW CONTROL.
- DO NOT TAMPER WITH THE PRESSURE RELIEF VALVE.
- KEEP AWAY FROM ANY HIGH-PRESSURE HYDRAULIC LEAKS. A HIGH-PRESSURE JET OIL CAN CAUSE SERIOUS INJURY. REPAIR IMMEDIATELY.

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1. This Footage Tools' Hydraulic Squeeze Off Tool is sold in one configuration; fine-controlled release. This fine-controlled unit has a needle valve with a built-in orifice in the high-pressure pump line. The tool is powered by an air-operated, hydraulic pump which is a single speed pump that gives the high pressures needed to squeeze large diameter pipe. Requiring 60 to 120 psi air supply pressure to operate, this pump is safer than an electrically operated pump in the potentially explosive atmosphere near a gas main. The pump is equipped with an air filter/regulator/lubricator to ensure it will operate properly. Ensure the filter/regulator/lubricator is in good operating condition and filled with air tool oil. The pump contains a 3-position control valve. Pushing the control valve lever clockwise will allow oil to be pumped through the needle valve and to control the squeezing operation of the tool. Similarly, pulling the control valve lever fully counter-clockwise will allow oil to be pumped to release (open) the tool. The neutral position (center) will cause the pump to stop building pressure, while holding existing pressure in the hose. A bypass valve, set at 10,000 PSI, is built into the pump to prevent over-pressurization.

PRELIMINARY ASSEMBLY:

1. Ensure the pump is filled with good-quality, ISO 32 hydraulic oil. To check or refill, connect the pump to the tool, retract the cylinder, and release system pressure. (Failure to follow this instruction may result in overfilling the reservoir – this could result in reservoir failure due to excessive pressure and possible injury.) With the pump levelled, and resting horizontally on the base, remove the cap and fill up to 7.58 litres or measuring 1-1/2" from the top and recap. (When using one pump with two tools, please contact Footage for more information).



Cleanliness is critical while checking and refilling oil. Use a funnel with a filter. Do not allow any dirt to enter the reservoir.

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PRELIMINARY ASSEMBLY:

2. If the tool operates with jerky or uneven motion, bleeding air from the system may be necessary. To do this, connect the two hoses, eliminating the tool as shown in the photo. Ensure the reservoir is topped to the proper level. Set the pump control valve to the "squeeze" position and pump for 2 minutes. Then set the pump control valve to the "Release" position and pump for 1 minute. Return the valve to the "Neutral" position. Disconnect the hoses and assemble them to the tool. Pressurize the tool in the "squeeze" position for 5 minutes. Cycle the tool fully open to fully closed a few times. Ensure that the needle valve is fully open. Repeat the procedure if necessary.

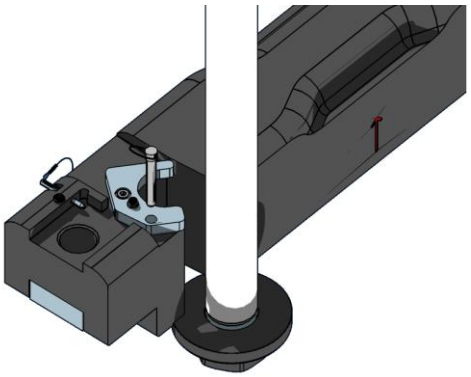


BLEEDING OF THE HYDRAULIC SYSTEM

OPERATING INSTRUCTIONS:

A. Installation of Pipe

⚠ **WARNING:** Inspect the tool to ensure that it is clean and free from any dirt that may hinder proper operation. Pay particular attention to the locking mechanism on the lower bar where the cylinder rod engages. It is critical that bar is clean and free of debris. Clean if necessary.



LOCKING DEVICE & SLOT

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OPERATING INSTRUCTIONS:

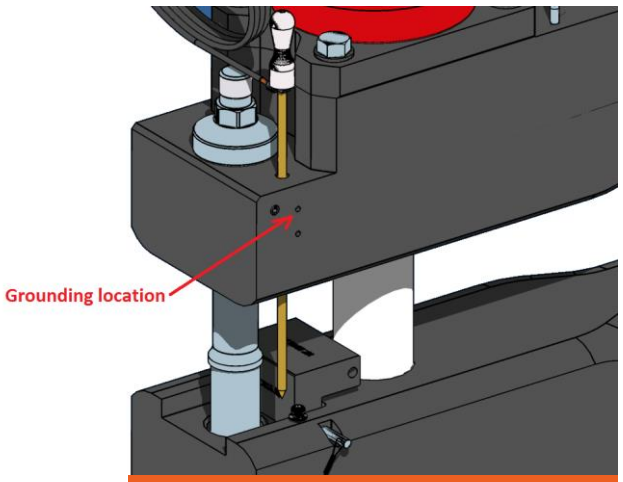
A. Installation of Pipe

1. Fully install the grounding spike in firm soil near the tool and work area. Moist soil is required to ensure good contact to ground. Soak the area if necessary where the spike will be inserted. This is critical as this grounding system should remove any static electric charge that is created when the flow of gas is cut-off during the squeeze operation, thereby reducing the chances of sparks being created.

2. Ensure the hydraulic couplings are clean and connect the two hoses from the pump to the squeeze off tool. Notice the hoses have a male and female end attached to them that fit with mating parts on the squeeze off tool, so the hoses cannot be connected incorrectly.

3. Open the tool by placing the pump control valve in the release position. Caution: Ensure the needle valve is fully open. Pump until the squeeze bars are sufficiently open to allow the pipe to be inserted. Once the tool is fully open, do not continue to pump. Continuing to pump will cause hydraulic oil to be vented from the relief valve to prevent tool damage.

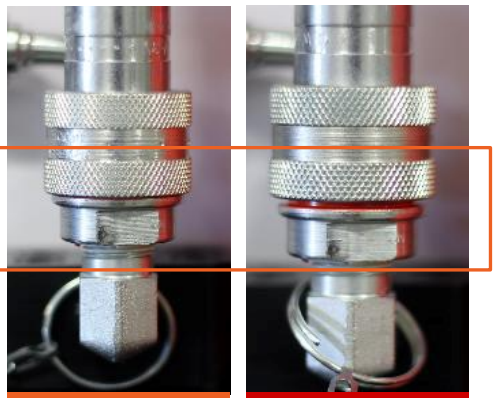
⚠ **WARNING:** To Eliminate any possibility of accidental disconnection, the threaded collar must be fully threaded on. To enable pressure to reach the tool - tighten fittings until you can no longer see ORANGE paint on the inside collar.



LOCATION OF GROUNDING SPIKE



ATTACHMENT OF HYDRAULIC COUPLING



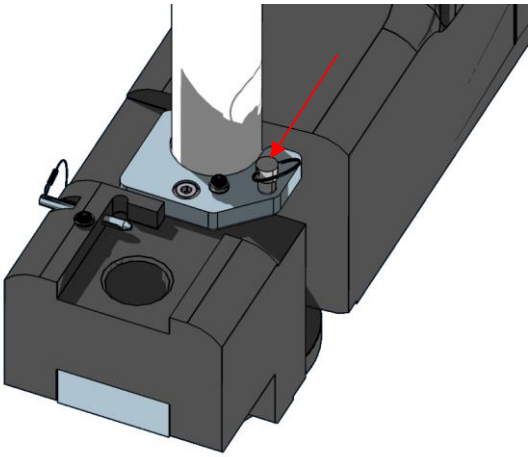
CORRECT | INCORRECT

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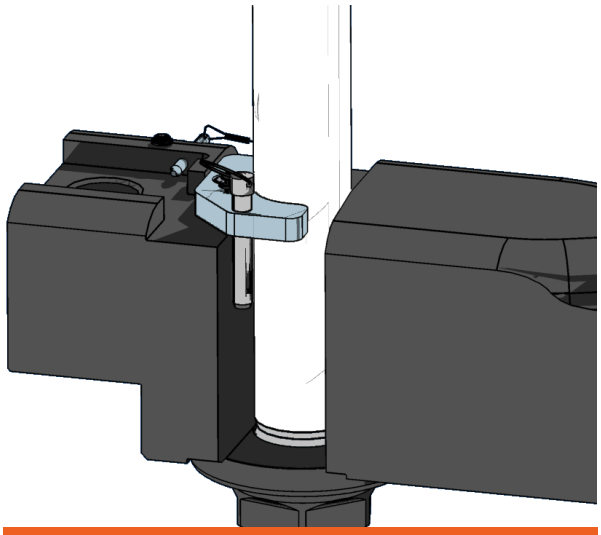
OPERATING INSTRUCTIONS:

A. Installation of Pipe

4. Lift the locking pin and swing the lower bar out and place the squeeze off tool over the pipe. Swing back the lower bar and lock into position over the rod nuts on the cylinder rods. Full engagement is critical or tool damage may result. The operator should visually check to ensure that the quick-release lock pin has engaged in the slot of the bar so that the locking plate holds the lower bar in the closed position. The quick-release lock pin should be in the closed position, and there should not be any gap between the cylinder rod and the lower bar. This is important so that the tool cannot open accidentally and ensure that there is equal load on both sides. Failure to comply with this step may result in tool damage.



LIFT QUICK-RELEASE LOCK PIN



LOWER BAR IN CLOSED POSITION

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OPERATING INSTRUCTIONS:

B. Squeezing the Pipe

1. Set the block stops on each side of the unit to the proper pipe size and SDR setting. (Ensure both sides are identical or tool damage may result.) The arrows on the vertical face of stop blocks indicate the pipe size to be squeezed for that position.

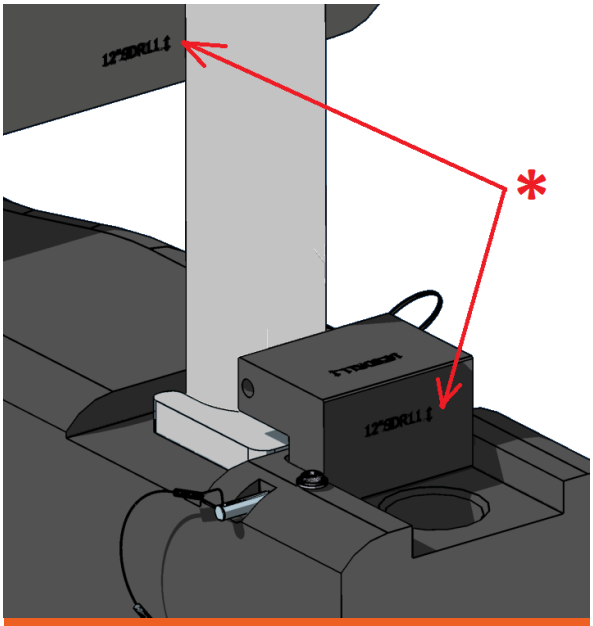
2. Close the needle valve and move the control lever on the pump to the squeeze position.

3. Close the tool with the pump until the bars start to touch the pipe. Position the tool centrally on the pipe, and ensure the squeeze bars sit perpendicular to the pipe when viewed from the top. The squeeze bars must be at right angles to the pipe. The arrow on the upper bar indicates the central position. If this is not done, satisfactory flow control may not be achieved.

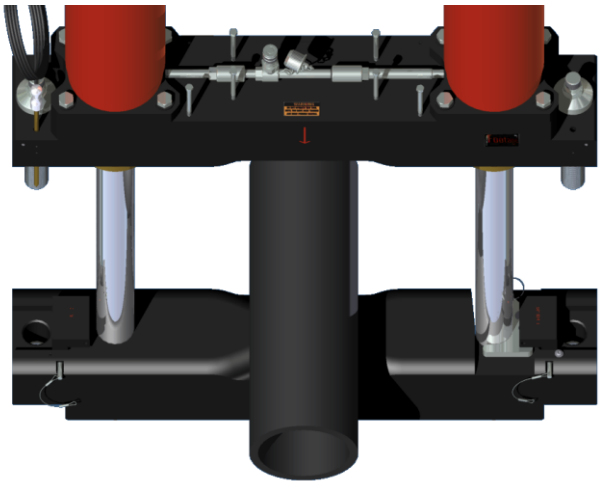
4. The rate of squeeze is very important in preventing pipe damage. Do not exceed 2" per minute squeeze rate. The pump does not exceed the prescribed 2" per minute squeeze rate. Consult your local utility for their specific recommendations regarding the prescribed squeeze rate.

5. Continue squeezing slowly until the gauge stops come in contact with the upper bar. Slower rates should be used below 32°F (0°C).

NOTE: KEEP IN MIND, IT MAY NOT BE NECESSARY TO SQUEEZE THE PIPE ALL THE WAY TO THE GAUGE STOPS TO OBTAIN SATISFACTORY FLOW CONTROL.



GAUGE STOPS



POSITION TOOL CENTRALLY ON PIPE

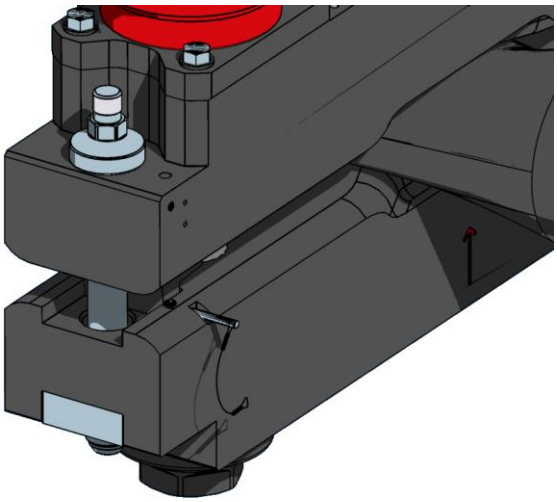
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OPERATING INSTRUCTIONS:

B. Squeezing the Pipe

⚠ **CAUTION:**
Because of the size and power of this tool (522,200 Lb force), it is important to stop squeezing when the gauge stop reach the upper bar, otherwise tool damage may result.

⚠ **WARNING: LOCK-DOWN BOLTS**
This hydraulic squeeze-off tool features a steel lock-down bolt at each end of the upper bar, to allow the tool to be locked on a squeeze position and the hydraulics detached or in the event that hydraulic pressure is lost with a minimum loss of flow control. To engage, screw the bolts into the lower bar. The bolts need only be tightened by hand, not with a wrench. They are not intended to assist in squeezing the pipe. The squeeze-off tool has more than enough power available to satisfactorily squeeze the pipe. Start threading the bolts into the lower bars as the squeeze nears completion (approx. 1" before reaching the stops) to assist with alignment into the steel threaded plate in the lower bar. Thread the bolts as the tool continues to squeeze the pipe. Once the tool has reached the stops on both sides, the lock-down bolts should be completely threaded until the hex end is flush with the upper bar.



ENGAGEMENT OF LOCK-DOWN BOLTS

6. If the hydraulic pressure needs to be released, first cycle the control lever from squeeze to release position twice and stop it in neutral. Now the hoses and pump can be disconnected from the tool and removed from the working area.

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OPERATING INSTRUCTIONS:

C. RELEASING THE PIPE

1. Unscrew the lock-down bolts located at each end of the bars. It will be necessary to place the pump control valve into the "squeeze" mode and apply more pressure to the tool to relieve the upward strain on the bolts created by the pipe trying to bounce back.

2. To avoid any damage to the pipe, it is critical that a slow release rate be achieved. A release rate of 1/2 inch per minute is recommended. This time allows for the PE pipe to "flow“, minimising the chances of pipe damage. In temperatures below 32°F (0°C), the release rate should be slower. Consult your local utility for their specific recommendations regarding their prescribed release rate.

⚠ **WARNING:** Ensure the needle valve is fully closed. Move the pump control valve handle from "squeeze" to "neutral". As this is done, the tool will start to open immediately. Should the operator want to stop the release, return the pump control valve handle to the squeeze position. The orifice in the needle valve controls the release rate. As the pipe opens, the pressure in the tool will decrease and the release rate will slow down. Once the pipe is sufficiently relaxed and the tool does not open any further, the operator can then fully open the needle valve to raise the bars more rapidly for a complete release. If the needle valve is opened too early, a large amount of oil will enter into the pump and cause it to overflow, which may result in seal damage to the pump. Switch the pump control valve handle to the release position and start to pump. Continue to open the tool until it can be removed from the pipe. Once the tool is fully open, do not continue to pump. Continuing to pump will cause hydraulic oil to be vented from the relief valve to prevent tool damage.

3. To remove the tool from the pipe let the upper bar rest against the pipe. Pull and hold up the quick-release lock pin, then rotate the lower bar clear of the pipe. The tool may now be lifted clear of the pipe. **Be aware that the balance of the tool will shift because of the change in position of the lower bar.**

4. If re-rounding of pipe is not to be performed, the grounding spike may now be removed and the tool can be repacked into its shipping container, in an open position.

D. RE-ROUNDING THE PIPE, IF REQUIRED

Once the tool is fully open, reposition the tool 90° from the original squeeze on top of the peaks of the squeeze. Squeeze the pipe back to its original shape as outlined in “Installation on Pipe” and “Squeezing the Pipe” detailed above. Consult your local utility for their specific recommendations regarding this procedure. When re-rounding is completed, the grounding spike may now be removed and the tool can be repacked into its shipping container, in the open position.

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MAINTENANCE

This section contains maintenance instructions for the tool. Do not attempt any maintenance which you do not fully understand, nor that you cannot do accurately and safely with the tools and equipment available to you. If you encounter a problem that you do not understand or cannot solve, contact your Footage Tools dealer.

(Note that item 11 is pre-calibrated at the factory for proper operation of the tool and it should NOT be tightened.)

Ensure the tool is in good operating order by routinely checking the following:

Inspect pump fluid level (See Preliminary Assembly, Pg. 4)	*Top up as needed*
Inspect cylinder rod for dirt and damage.	*Clean or replace if needed*
Inspect tool, pump, valves and hoses for oil leakage.	*Tighten, repair or replace as required*
Inspect squeeze bars for damage.	*Replace if needed*
Inspect lock down bolts for damage.	*Replace if needed*
Inspect Gauge Stop Blocks for dirt and damage	*Clean or replace as needed.*
Inspect the rod nut for dirt and damage	*Clean, repair or replace as needed.*
Inspect the lower Squeeze Bar pockets for dirt and debris	*Clean as needed.*

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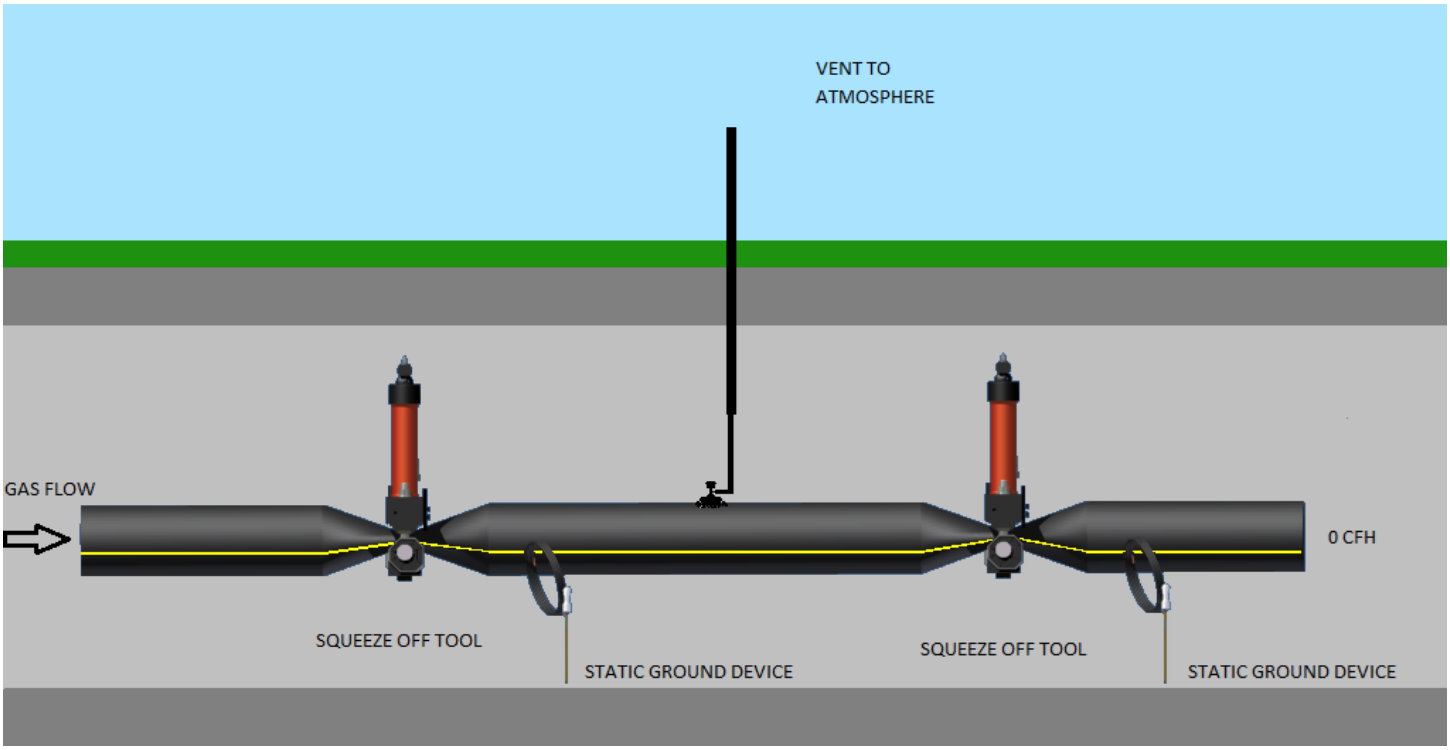
SPECIFICATIONS

GENERAL	*C1600*
Max Pipe Diameter:	*16”*
Weight:	*1300 lbs.*
Operating Pressure (max):	*10,000 psig*
ACCESSORIES	
Grounding Spike Kit 10 foot heavy duty	*C615HD-B110*
Accessory Kit (pump, 20’ hoses, needle valve w 0.009” orifice, 10,000 psi gauge, air filter/regulator/lubricator & box)	*C1600-AK1*
OPTIONAL ACCESSORIES	
Heating Iron Bag	*B102-2*

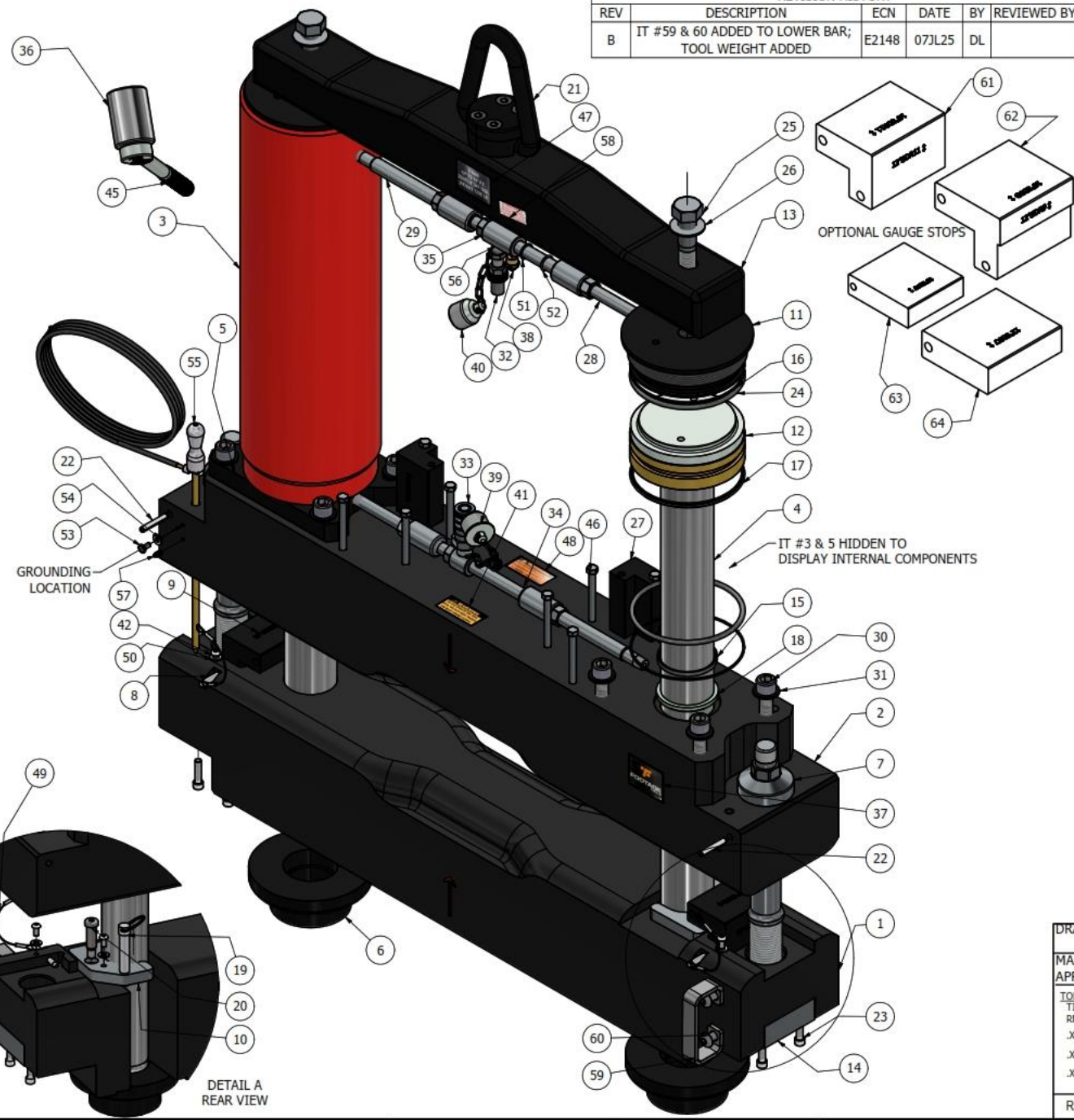
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IMPORTANT NOTICE:

If you experience difficulty obtaining flow control when squeezing HDPE pipe, we recommend you perform a double squeeze and vent to atmosphere. Please consult your local utility for their specific operating procedure.



REVISION HISTORY					
REV	DESCRIPTION	ECN	DATE	BY	REVIEWED BY
B	IT #59 & 60 ADDED TO LOWER BAR; TOOL WEIGHT ADDED	E2148	07JL25	DL	



QTY	PART NUMBER	DESCRIPTION	MASS (lb)	ITEM
2	C1600-29	OPTIONAL GAUGE STOPS, 12" SDR 7	4.938	64
2	C1600-28	OPTIONAL GAUGE STOPS, 16" SDR 7	5.963	63
2	C1600-27	OPTIONALGAUGE STOPS, 12" & 16" SDR 9	7.071	62
2	C1600-26	OPTIONAL GAUGE STOPS 12" & 16" SDR 11	5.852	61
REF	99-104-00-0812	SCR., CAP, BUT 1/2-13 X 0.75	.073	60
REF	C1600-42	LOWER BAR GRAB HANDLE-C1600	.719	59
1	LABEL-035	WARNING LABEL	.000	58
2	99-155-00-0409	PLUNGER, 1/4-20 X 0.56" LG	.004	57
1	99-200-00-0606	NIPPLE, 3/8 X 3/8 MNPT	.084	56
1	C615HD-B110	GROUNDING KIT - HD	.339	55
1	99-140-00-0004	WASHER, HELICAL, SPRING, LOCK 1/4"	.006	54
1	99-100-00-0404	SCREW, CAP, HEX, 1/4-20 X 0.5 LG	.014	53
2	99-490-00-0116	O-Ring, BUNA, # 116	.001	52
2	C1200-51	BACK UP RING #116	.000	51
3	99-141-00-0005	WASHER, FLAT, 5/16"	.006	50
1	C36S-29	LANYARD	.000	49
1	LABEL-028	WARNING LABEL - GAUGE STOPS	.001	48
1	LABEL-027	WEIGHT LABEL - C1600	.002	47
8	99-100-00-0636	HHCS, 3/8-16 X 4.5" LG	.169	46
1	C1200-45	RATCHET	.295	45
1	C1600-BASE	CONTAINER FOR C1600- BASE	.000	44
1	C1600-BOX	CONTAINER FOR C1600- BOX	.000	43
3	99-104-00-0510	BHCS, 5/16-18 X 5/8 LG	.021	42
1	LABEL-008	WARNING LABEL-OWNERS MANUAL	.030	41
1	D-31-300C	METAL DUST CAP FOR MALE CON.	.054	40
1	D-30-300C	METAL DUST CAP FOR FEMALE CON.	.047	39
1	C648-50	PRESSURE RELIEF VALVE	.010	38
1	LABEL-011	FOOTAGE NAME PLATE-NEW	.016	37
1	C1200-46	1 1/2" SOCKET	2.148	36
1	C1200-52	HYD. MANIFOLD - LOW PRESSURE	.186	35
1	C1200-49	HYD. MANIFOLD - HIGH PRESSURE	1.231	34
1	D-30-300	FEM. HY. CONNECTOR - THREADED	.111	33
1	D-31-300	MALE HY. CONNECTOR - THREADED	.039	32
8	C1200-50	3/4" WASHER - BLACK ZINC	.042	31
8	99-100-00-1224	HHCS, 3/4-10UNC X 3.0LG	.542	30
2	C1600-30	HYD MANIFOLD	1.497	29
2	C1200-47	HYD MANIFOLD	1.249	28
2	C1600-25	GAUGE STOP - FOR 12" PIPE	4.478	27
2	99-141-00-0016	WASHER, FLAT, 1" (2" OD)	.080	26
2	99-100-05-1636	HHCS 1-8 UNC X 4.5" LG	1.406	25
4	99-490-90-0437	O-Ring #437, 90 DURO	.039	24
8	99-106-00-0624	3/8-16 X 1.5" LG SHCS	.068	23
2	99-163-00-2032	ROLL PIN 5/16 X 2.0" LG	.026	22
1	C1600-21	HOIST RING	1.226	21
1	99-114-00-0912	SHOULDER BOLT 5/8" X 1.5 LG	.216	20
1	C1600-19	HEAVY DUTY Q.R LOCK PIN 5/8 X 3	.385	19
2	C1600-18	WIPER SEAL 3.0ID X 3.5OD	.027	18
2	C1600-17	PISTON SEAL TPO #437	.023	17
4	C1600-16	BACK-UP RING-FOR O-RING #437	.005	16
2	C1600-15	ROD T-SEAL 3.0ID X 3.375OD	.012	15
2	C1600-14	THREADED PLATE	.627	14
1	C1600-13	HANDLE	136.824	13
2	C1600-12	PISTON	19.553	12
2	C1600-11	CYLINDER CAP, TOP	21.213	11
1	C1600-10	LOCKING PLATE	2.423	10
2	C1600-09	GAUGE STOP - FOR 16" PIPE	5.524	9
2	C200-19	QUICK REL. PIN ASM, 3/8 X 2.5 LG	.107	8
2	C1600-07	LOCK DOWN BOLT	12.411	7
2	C1600-06	ROD NUT	15.074	6
2	C1600-05	CYLINDER CAP, BOTTOM	29.331	5
2	C1600-04	CYLINDER ROD	114.597	4
2	C1600-03	CYLINDER BODY	115.627	3
1	C1600-02	UPPER BAR	237.539	2
1	C1600-01	LOWER BAR	224.780	1

FOOTAGE PART LIST

DRAWN	TA	2025-08-14	FOOTAGE TOOLS
MANUFACTURING APPROVAL			
TOLERANCES: TIR 0.004; RMS 63 MAX; .X ± .02; .XX ± .01; .XXX ± 0.005		MASS 1300.4 lbmass	TITLE: C1600-A1 ASM DWG 16" SQUEEZE OFF TOOL (522,200LB FORCE)
		SCALE 1 / 4.4; SIZE C	DWG NO C1600-A1; REV B
REMOVE ALL SHARP CORNERS UNLESS SPECIFIED OTHERWISE			SHEET 1 OF 1

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FOOTAGE TOOLS INC. WARRANTY

FOOTAGE TOOLS INC, hereinafter sometimes referred to as “Manufacturer” warrants each new industrial product of its own manufacture to be free from defects in material and workmanship, under normal use and service for the life of the tool. **Warranty is void unless warranty registration form is completed either online or manually and returned to FOOTAGE TOOLS INC. within thirty (30) days from the date of purchase.** This warranty and any possible liability of **FOOTAGE TOOLS INC.** hereunder are in lieu of all other warranties, expressed, implied, or statutory, including, but not limited to, any warranties of merchantability or fitness for a particular purpose.

The parties agree that the Buyers **SOLE AND EXCLUSIVE REMEDY** against Manufacturer, whether in contract or arising out of warranties, representations, instructions, or defects shall be for the replacement or repair of defective parts as provided herein. In no event shall Manufacturers liability exceed the purchase price of the product. The Buyer agrees that no other remedy (including, but not limited to, in incidental or consequential loss) shall be available to him. If during the warranty period, any product becomes defective by reason of material or workmanship and Buyer immediately notifies Manufacturer of such defect, Manufacturer shall, at its option, supply a replacement part or request return of the product to its plant in Toronto, Canada. No parts shall be returned without prior written authorization and a return goods authorization number from Manufacturer, and this Warranty does not obligate the Manufacturer to bear any transportation charges in connection with the repair or replacement of defective parts. The Manufacturer will **not** accept any charges for labor and/or parts incidental to the removal or remounting of parts repaired or replaced under this Warranty.

This Warranty shall not apply to any part or product which shall have been installed or operated in a manner not recommended by **FOOTAGE TOOLS INC**, nor to any part or product which shall have been neglected, or used in any way which, in the manufacturers opinion, adversely affects its performance; nor negligence of proper maintenance or other negligence, fire, or other accident: nor if the unit has been altered or repaired outside of a **FOOTAGE TOOLS INC.** authorized dealership in a manner of which, in the sole judgement of **FOOTAGE TOOLS INC.** affects its performance stability or reliability: nor to any product in which parts not manufactured or approved by **FOOTAGE TOOLS INC.** have been used, nor to normal maintenance services or replacement of normal service items. Equipment and accessories not of our manufacture are warranted only to the extent of the original Manufacturers Warranty and subject to their allowance to us, if found to be defective by them.

The original purchaser, user is responsible for “downtime” expenses and all business costs and losses resulting from a warrantable failure. **FOOTAGE TOOLS INC.** specifically disclaims any responsibility for any damages of any kind or description, whether to property or person, in any way connected with or arising out of the use of **FOOTAGE TOOLS INC.** products. The Buyer expressly acknowledges that this Limited Lifetime Warranty does not apply to any part or product not directly purchased from the Manufacturer

FOOTAGE TOOLS INC reserves the right to modify, alter, and improve any product or parts without incurring any obligation to replace any product or parts previously sold with such modified, altered, or improved product or part.

No person is authorized to give any other Warranty, or to assume any additional obligation on the Manufacturers behalf unless made in writing, and signed by an officer of the Manufacturer.