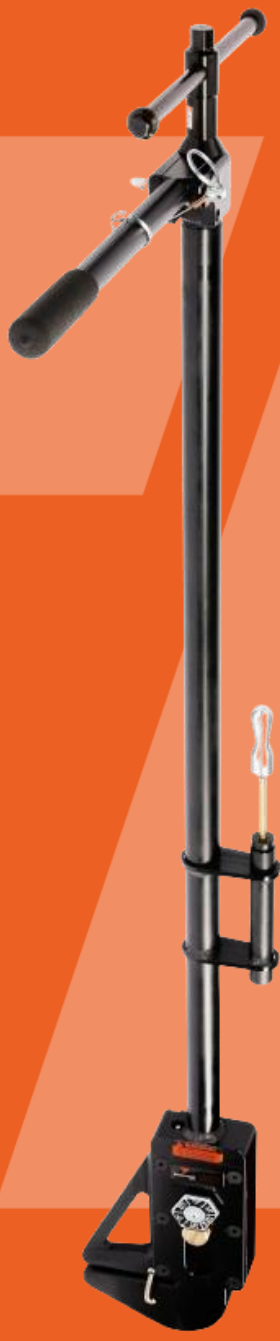
Owner's Manual

C200-A3 Remote Squeeze Off Tool



Phone (905) 695-9900

Toll Free 1 (888) 737-3668

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 SECTIONS OF PIPE. NEVER SQUEEZE A PIPE IN THE SAME PLACE TWICE OR PIPE DAMAGE MAY RESULT.
- ENSURE THE GROUNDING SYSTEM IS PROPERLY PLANTED IN THE SOIL TO REDUCE THE CHANCES OF STATIC DISCHARGE.
- 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 SQUEEZE SURFACES OF BOTH THE BOTTOM AND TOP JAWS. REINSPECT AFTER TOOL IS LOWERED INTO POSITION ON PIPE JUST PRIOR TO SQUEEZE. ENSURE THE PIPE IS CENTERED ON THE JAWS AND THE TOOL IS IN AN UPRIGHT POSITION.

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

SAFETY WARNING:

WARNING:

- DO NOT MODIFY OR ALTER THE TOOL IN ANY WAY. ONLY USE FOOTAGE TOOLS REPLACEMENT PARTS PROVIDED BY THE MANUFACTURER OR AUTHORIZED DISTRIBUTOR.
- FOR HYDRAULIC SQUEEZE TOOLS: INSPECT HYDRAULIC HOSES FOR SIGNS OF DAMAGE OR CUTS AND REPLACE IF NECESSARY. ENSURE HYDRAULIC FITTINGS ARE FULLY ENGAGED.
- FOR HYDRAULIC SQUEEZE TOOLS: BEGIN TO ENGAGE THE SAFETY LOCK DOWN BOLTS WHEN THE UPPER BAR/SLIDING 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 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.
- KEEP AWAY FROM ANY HIGH-PRESSURE HYDRAULIC LEAKS. A HIGH-PRESSURE JET OIL CAN CAUSE SERIOUS INJURY. REPAIR IMMEDIATELY.

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

PRELIMINARY ASSEMBLY:

To connect the C615-B105 static grounding kit, mount the grounding tool lead to the top bar with the ¼" hardware supplied (see drawing). Clean all connections before assembly. If a ratchet is not used to torque the power screw by the top hex, insert the torque bar into the cross hole in the top of the power screw, and thread the bolt and washer into the end to secure it. Do not use an extension on the torque bar. The tool as supplied by the manufacturer, has sufficient leverage to perform the task it was designed for.

OPERATING INSTRUCTIONS:

A. Installation of Pipe

1. Inspect the tool to ensure it is clean and free of any debris that could interfere with proper operation. Pay special attention to the head and gauge plate assembly—these must be completely clean for the tool to function correctly. Open the folding handle and secure it with the attached pin, as shown in the illustration on the left. *(Figure 1)*

2. Fully install the grounding spike in firm ground near the tool. Moist soil is required. Soak the area that the grounding spike will be inserted into if necessary.

3. Hold the handlebar with one hand and turn the steel torque bar counterclockwise with the other hand to fully open the squeeze jaws. Do not over-open the jaws, as this could damage the tool. Once opened, check the two centering springs—they should now be under tension.

4. Set the gauge plate stop on the side-plate to the proper pipe size and SDR setting required. The gauge plate assembly may be stiff, it will be easier to set if the gauge plate is pulled out slightly from body of tool while turning it. If the detent action is not positive, the gauge plate mechanism requires cleaning and/or service. Position the required stop on the gauge plate setting so that it faces the bronze barrel nut as shown at right. *(Figure 2)*



Figure 1



Figure 2

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

OPERATING INSTRUCTIONS:

A. Installation of Pipe

5. Place the head of the tool on the pipe so that the pipe runs between the squeeze jaws, ensuring the aluminum handle is parallel to the pipe, as shown in *(Figure 3)*. Position the tool centrally on the pipe using the centering springs to assist with alignment, as illustrated in *(Figure 4)*. As a general guide, the pipe should be perpendicular to the side of the tool body, as shown in *(Figure 5)*. Throughout the process, ensure the pipe remains in contact with both centering springs.



Figure 3



Figure 4



Figure 5

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

OPERATING INSTRUCTIONS:

B. Squeezing the Pipe

1. Turn the torque bar clockwise to advance the squeeze jaw until the lower jaw begins to touch the pipe. During the entire squeeze-off operation, ensure the tool remains at a right angle (90°) to the pipe for proper alignment and function.

2. The rate of squeeze is critical to prevent damage to the pipe walls. Do not advance the squeeze faster than 2 inches per minute. In temperatures below 32°F (0°C), reduce the speed even further to account for the pipe being more brittle. Always check with your local utility for their specific procedures. As the pipe is squeezed, the centering springs will automatically relax and move out of the way. *(Figure 6)*

⚠ **WARNING:** Do not exceed 100 Ft-Lb while squeezing the pipe.

3. Continue slowly squeezing until the gauge plate stops come in contact with the bronze barrel nut. *(Figure 6).*

WARNING: Do not continue squeezing once the gauge stops have been reached or tool damage may result.

Keep in mind; it may not be necessary to squeeze the pipe all the way to the gauge stops to obtain satisfactory flow control.

Never use extensions on the torque bar handle or ratchet to get more squeeze, as tool damage may result.



Figure 6

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

OPERATING INSTRUCTIONS:

C. RELEASING THE PIPE

1. To avoid any damage to the plastic pipe, it is critical that a slow release rate be achieved. A release rate of ½" per minute is recommended. This time allows for the controlled rebound of the plastic, decreasing the chances of slow crack propagation. Below 32° F (0° C), the release rate should be slower. Consult your local utility as to their specific procedure for this operation.

2. Unscrew the power screw slowly, not exceeding the release rate. Continue to open the tool at this rate until it can be removed from the pipe.

⚠ WARNING: Stop unscrewing the tool as soon as the barrel nut touches the bottom of the slot in the side plate. Continuing to unscrew beyond this point may cause damage to the tool.

OPERATING INSTRUCTIONS:

D. RE-ROUNDING THE PIPE IF REQUIRED

⚠ WARNING: This tool cannot be used for re-rounding pipe due to the length of the handle. It should also be noted that PE pipe rebounds on its own to its near original shape very well. Squeeze points on the pipe are typically marked in some fashion for future reference.

1. Consult your local utility as to their specific procedure for rerounding the pipe if required.

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

MAINTENANCE

Ensure the tool is in good operating order by routinely inspecting the following points prior to use:

Inspect the centering springs for damage.	*Replace as needed*
Inspect the gauge plate assembly for positive detent action	*Clean, repair or replace parts as needed*
Inspect the grounding spike connections.	*Replace as needed*
Inspect the tool for free operation.	*Clean, repair or replace parts as needed*
Inspect the squeeze jaws for surface damage.	*Replace as needed*

ADDING LUBRICANT TO TOOL HEAD

1. To lubricate the tool head via the grease nipple, first ensure the tool is in the closed position. Apply a small amount of grease through the nipple, then open and close the tool several times to help distribute the lubricant throughout the internal cavity. Repeat this process and add more grease whenever necessary, especially if the tool begins to feel stiff or shows signs of insufficient lubrication.

2. Use a black multi-purpose grease as lubricant.

Do not add lubricant with the tool in an open position as the oil might spill out after the tool is closed.

SERVICE

Partially disassemble the tool by removing the screw shown in *(Figure 7).* This allows you to unthread the power screw from the barrel nut and lift it out from the top of the tool *(Figure 8).* Next, pull the barrel nut out from the side of the tool body. This will release the active jaw, allowing it to be removed from the tool head.
If your tool requires more extensive servicing, please refer to the drawing in pg. 10 for detailed assembly view and parts information.

Inspect the power screw for dirt.	*Clean and lubricate.*
Inspect bearing for dirt and failure	*Clean and lubricate. Replace if needed.*
Inspect the tool head cavity for dirt.	*Clean as needed*
Inspect grease nipple for dirt	*Clean as needed*
Inspect the power screw thread for damage.	*Repair or replace as needed*
Inspect the barrel nut for damage.	*Replace as needed*



Figure 7

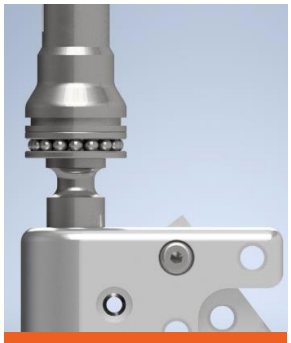


Figure 8

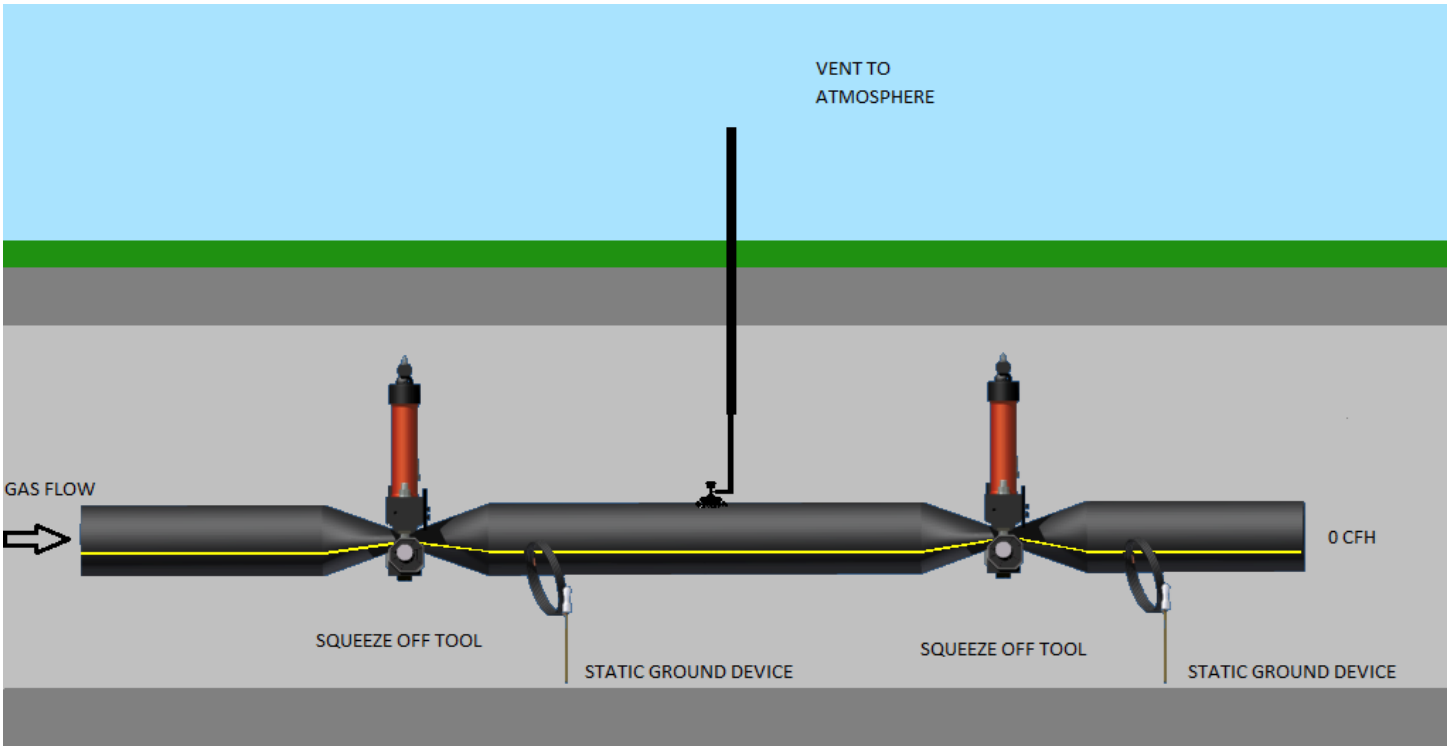


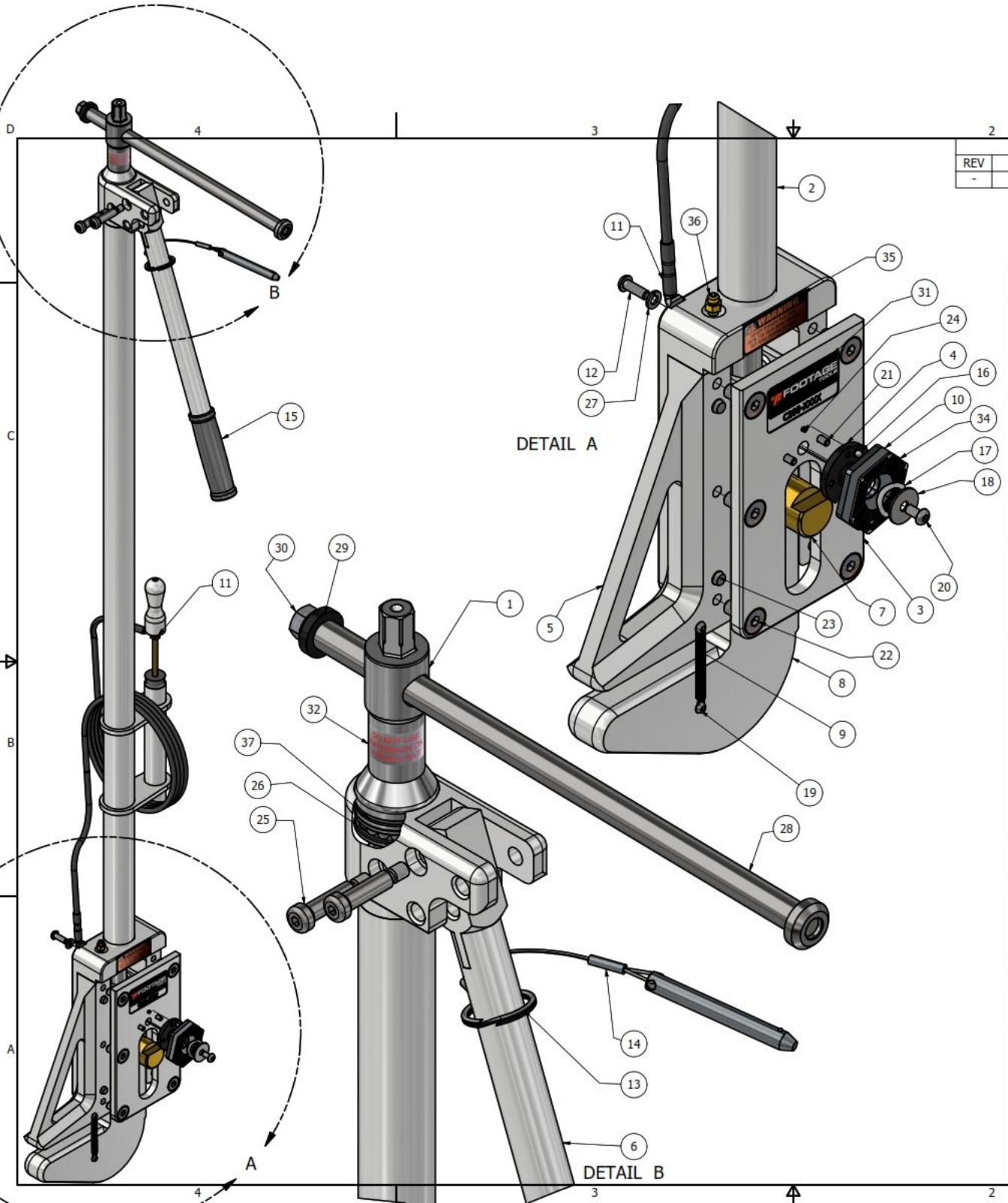
Figure 9

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

SAFETY WARNING:

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
-	RELEASE FOR PRODUCTION	E2111	2024-03-24	RR	

QTY	PART NUMBER	DESCRIPTION	MASS (lb)	ITEM
2	-	TIE WRAP	.000	38
1	99-490-00-0127	O-Ring, BUNA, #127	.001	37
1	C75R-13	GREASE NIPPLE SP# 113-800	.013	36
1	LABEL-009	LABEL - OWNERS MANUAL	.004	35
1	C125-14	GAUGE PLATE LABEL	.010	34
1	BOX-C200	BOX FOR C200	.000	33
1	LABEL-001	LABEL, DO NOT USE EXTENSION	.001	32
1	LABEL-012	LABEL, FOOTAGE NAME PLATE	.016	31
1	99-100-00-0706	HEX HD CAP SCREW 7/16-14 X 3/4 LG	.062	30
1	C110-17	END WASHER, 0.33 THICK	.052	29
1	C105-42	TORQUE BAR, SCREW ASM	1.205	28
1	99-140-00-0004	LOCK WASHER 1/4"	.002	27
1	C200-28	DEEP GROVE BALL BEARING	.116	26
2	C200-329	SHOULDER SCREW 3/8-16 X 1.25" LG	.063	25
1	99-163-00-0808	PIN, ROLL, 1/8 X 1/2	.001	24
4	99-165-00-2428	PIN, DOWEL, 3/8 X 1-3/4	.053	23
9	99-110-00-0612	FHCS 3/8-16 X 3/4" LG-BLACK OXIDE	.036	22
2	99-110-01-9008	FHCS, #10-24 X 1/22	.008	21
1	99-104-01-0408	BHCS, 1/4-20 X 1/2" LG SS	.011	20
4	99-105-01-9006	BHCS, #10-32 X 3/8	.004	19
1	99-145-00-0041	WASHER 1/4 ID	.013	18
1	C200-25	SPRING WAVE WASHER	.002	17
1	99-157-00-0006	STEEL BALL 3/16"	.001	16
1	C200-23	HANDLE GRIP, GRIP WORKS #GP-6	.001	15
1	C200-19	HITCH PIN & LANYARD	.100	14
1	C200-22	KEY RING, 1.50 O.D (SPAE MH-95)	.018	13
1	99-104-01-0412	BHCS, 1/4-20 X 3/4"	.014	12
1	C615-B115	GROUNDING TOOL KIT, 10FT	.874	11
1	C125-12	GAUGE PLATE (6 SIDED)	.154	10
2	C200-20	SPRING, SPEC #E0240-034-2500	.011	9
1	C200-312	BOTTOM JAW (ACTIVE)	3.661	8
1	C200-16	BARREL NUT	.678	7
1	C200-309	HANDLE BAR	1.270	6
1	C200-306	TOP JAW (STATIONARY)	1.825	5
1	C200-14	GAUGE PLATE HUB	.121	4
1	C200-302	SIDE PLATE	1.035	3
1	C200-W302	POWER TUBE WELDMENT	8.298	2
1	C200-W301	POWER SCREW WELDMENT	6.479	1

FOOTAGE PART LIST

DRAWN TA 2025-12-08

MANUFACTURING APPROVAL

TOLERANCES:
TIR 0.004
RMS 63 MAX
.X ± .02
.XX ± .01
.XXX ± 0.005

MASS 26.8 lbmass

SCALE 1 / 3.5

SIZE C

FOOTAGE TOOLS

TITLE

C200-A3 ASSEMBLY DWG
2" REM. SQUEEZE OFF TOOL

DWG NO C200-A3

REV -

REMOVE ALL SHARP CORNERS UNLESS SPECIFIED OTHERWISE

SHEET 1 OF 1

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

FOOTAGE TOOLS INC. LIMITED LIFETIME 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.