Owner's Manual

C132-1 Manual Squeeze Off Tool



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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 CURVED CONTACT SURFACES OF THE SQUEEZE JAWS.

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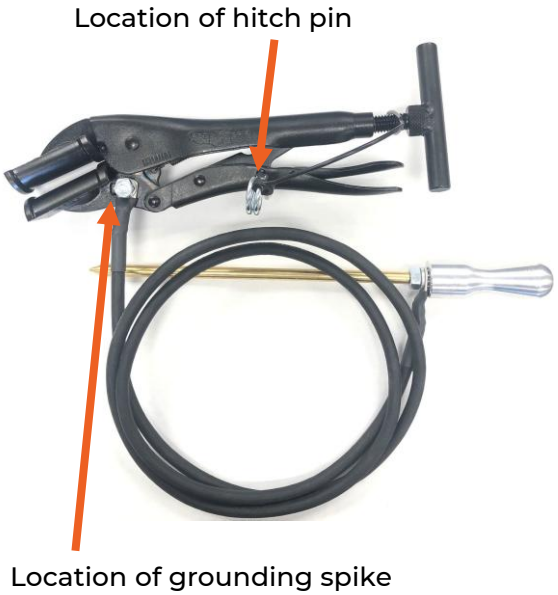
WARNING:

- 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 JAWS 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 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.

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PRELIMINARY ASSEMBLY:

1. To connect C615-B105 static grounding kit, mount the grounding tool lead to the head with the ¼" hardware supplied. Clean all connections before assembly. In some cases, this is already installed on the tool by the manufacturer.



OPERATING INSTRUCTIONS:

A. Installation on Pipe

⚠ **WARNING:** Inspect the tool to ensure that it is clean and free from any dirt that may hinder proper operation. Ensure ground kit is securely attached to the tool.

1. Open the tool by flipping the lever and adjust by unscrewing the welded T-bar handle to set the jaws. The ideal position of the jaws will have a little pressure on the two halves of the jaw.

2. Choose a proper location where this tool may not be an obstacle for others. Ensure the section of pipe is clean and free from debris.

B. Squeezing on Pipe

1. This tool does not have adjustable gauge stops. It only has dedicated stops and it's suitable for the following; as per chart below. Verify the pipe prior to squeezing.

STANDARD PIPE SIZES FOR DEDICATED STOP

1/2" IPS	9.33	3/4" IPS	11 & 11.5
1/2" CTS	7	3/4" CTS	9.8

2. Fully install the grounding spike into firm ground near the tool. Moist soil is preferred if available. This is critical as this grounding system will 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.

3. With the tool open, position it over the cleaned section of pipe. Place the tool having the jaws centrally on the pipe at 90 degrees.

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OPERATING INSTRUCTIONS:

B. Squeezing on Pipe

4. The rate of squeeze is very important in obtaining good plastic flow in the pipe material. A slow squeeze rate minimizes the damage to the pipe walls.

5. Continue slowly squeezing the handles until the jaws make contact with each other. If the adjusting T-bar handle is set as per Section A, the handles will lock, indicating the pipe is now fully squeezed.

6. Once the squeeze is completed and you've obtained flow control, insert the hitch pin in the hole located in the middle of the bottom handle. This will prevent the tool from opening suddenly.

NOTE: TOOL MAY NOT GIVE ADEQUATE FLOW CONTROL ON HIGH DENSITY PIPE.

C. Releasing the Pipe

To avoid any damage to the plastic pipe, it is critical that a slow release rate be achieved. A release rate of 1/2 inch per minute is acceptable. This time allows for the plastic to "flow" decreasing the chances of material failure. Below 32° F (0 °C), the release rate should be slower. Use the T-bar handle to help control this process.

D. Re-rounding of Pipe

Once the tool is fully open, reposition the tool 90 degrees from the original squeeze, on top of the peaks of the squeezed area. Squeeze the pipe back to its original shape. It should also be noted that PE pipe typically rebounds on its own to its near original shape. Squeeze points on the pipe are usually marked in some fashion for future reference. Consult your local utility as to their specific procedure for this operation.

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MAINTENANCE

This section contains maintenance instructions for the tool. Do not attempt any maintenance that 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.

Ensure the tool is in good operating order by routinely:

Inspect the T-rod handle screw thread for dirt	Clean as needed
Inspect the spring for damage.	*Repair or replace as needed*
Inspect the squeeze jaws for dirt or surface damage	Clean or replace tool as needed
Inspect the lock pin pockets for debris	Clean as needed

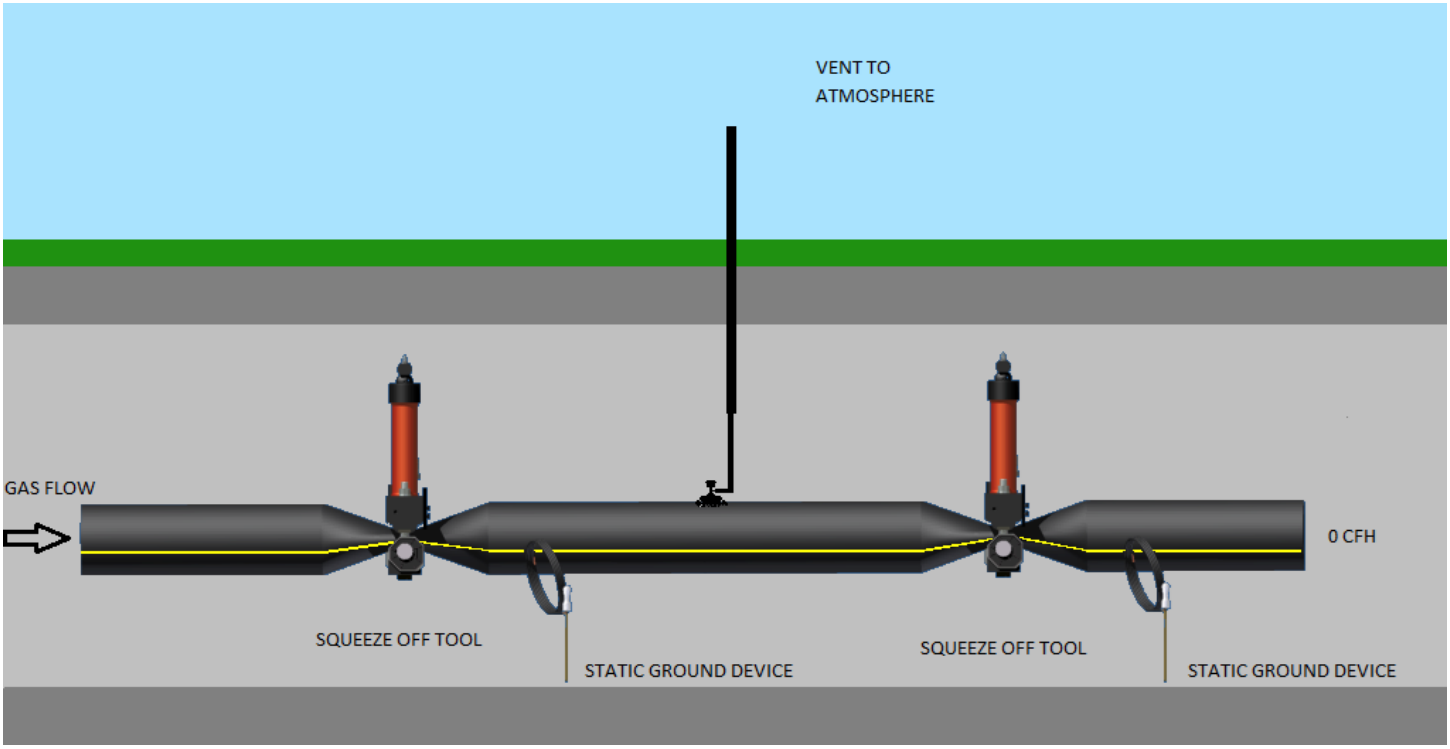
SPECIFICATIONS

GENERAL	**C132**
Squeeze Capacity	*1/2 – 3/4 “*
Height	*2.5”*
Width	*10”*
Weight	*2.8 lbs (1.3kg)*

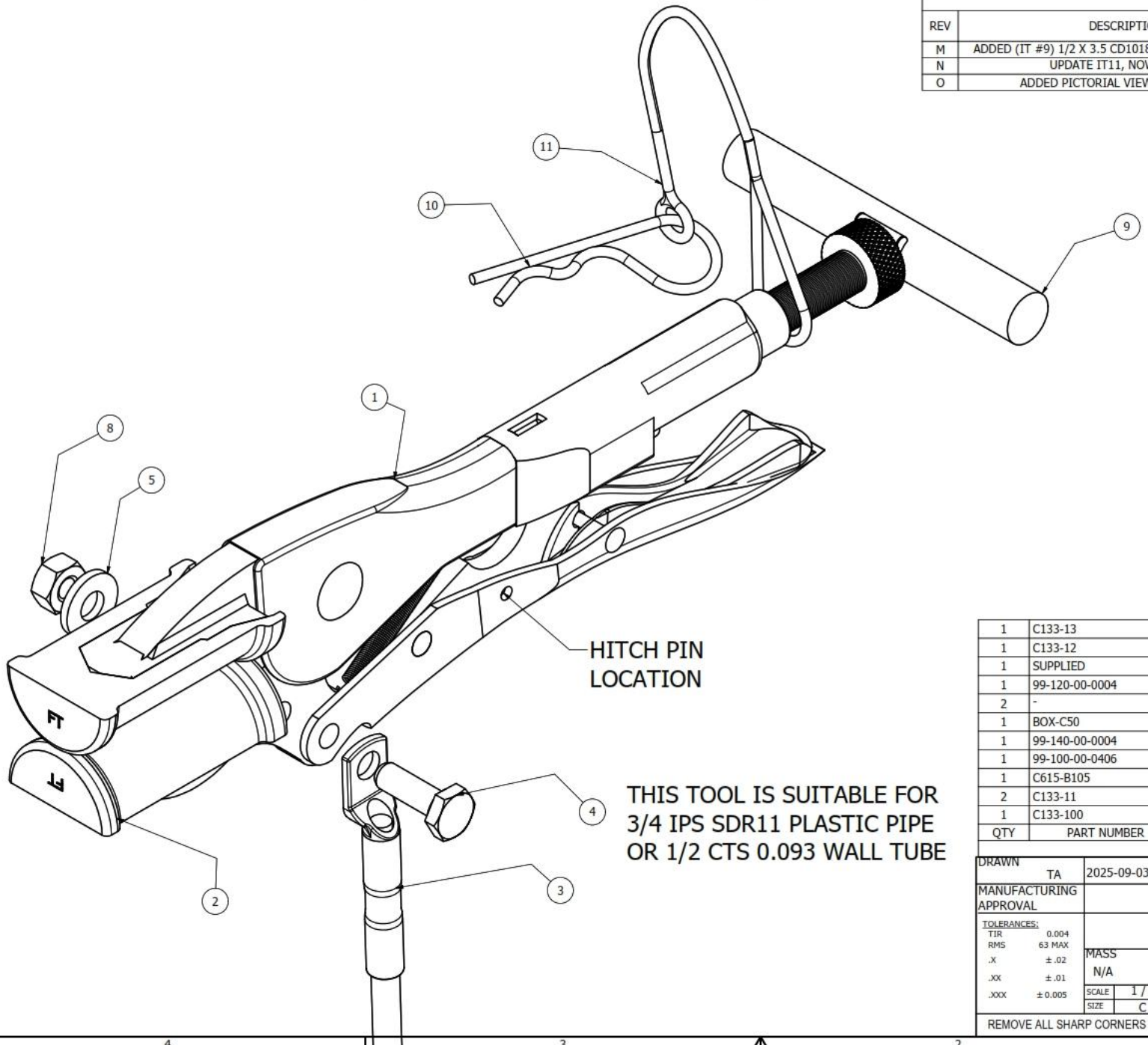
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IMPORTANT NOTICE

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
M	ADDED (IT #9) 1/2 X 3.5 CD1018, WELDING & IT#10, 11	2003	18AP19	JLN	
N	UPDATE IT11, NOW 086-049	E2090	05JN23	JLN	
O	ADDED PICTORIAL VIEW AND BALLONS	D2729	18DE24	RR	



QTY	PART NUMBER	DESCRIPTION	ITEM
1	C133-13	LANYARD, SPAEN # 086-049	11
1	C133-12	HAIRPIN -STRONG 1/8 X 2.87" LG	10
1	SUPPLIED	C1018 1/2 X 3.5" LG	9
1	99-120-00-0004	HEX NUT 1/4-20	8
2	-	TIE WRAP	7
1	BOX-C50	BOX - C50	6
1	99-140-00-0004	WASHER, HELICAL, SPRING, LOCK 1/4"	5
1	99-100-00-0406	SCREW, CAP, HEX, 1/4-20 X 3/4	4
1	C615-B105	GROUNDING TOOL KIT	3
2	C133-11	JAW	2
1	C133-100	REWORKED VICE GRIP 1/2"	1

FOOTAGE PART LIST

DRAWN TA 2025-09-03

MANUFACTURING APPROVAL

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

MASS N/A

SCALE 1 / 2

SIZE C

FOOTAGE TOOLS

TITLE
SQUEEZE OFF TOOL 1/2 & 3/4

DWG NO C132-1

REV O

REMOVE ALL SHARP CORNERS UNLESS SPECIFIED OTHERWISE

SHEET 1 OF 1

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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.