

SF LLC

120 Ball Circle
Syracuse, NY 13210
USA



*****CAUTION RISK OF INJURY!*****

READ MANUAL BEFORE OPERATING GLUE CART!

**THIS MANUAL IS AN IMPORTANT PART OF THE GLUE CART AND
MUST REMAIN WITH THE UNIT
WHEN YOU SELL OR RENT IT.**

!!WARNING!!

**THE FOLLOWING PAGES CONTAIN OPERATING AND
MAINTENANCE INSTRUCTIONS.**

DO NOT ATTEMPT TO OPERATE THIS GLUE CART UNTIL YOU HAVE
READ AND UNDERSTOOD ALL SAFETY PRECAUTIONS AND
INSTRUCTIONS LISTED IN THIS MANUAL.

LONG PANTS & SHIRT SLEEVES
ALL OTHER OSHA AND JOB RELATED PPE ARE REQUIRED!

**INCORRECT OPERATION OF THIS UNIT
CAN CAUSE SERIOUS INJURY!!**

**DO NOT ALTER OR MODIFY THIS EQUIPMENT
IN ANY MANNER!**

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FOR MORE INFORMATION

www.gluecarts.com

Contact:
info@gluecarts.com or
your local roofing distributor
315-471-4500

SECTION 1

INTRODUCTION

Dispensing tool for mixing 2 part polyurethane adhesive glue with variable output rate of flow.

No electrical connections needed

Self contained, complete unit

Non-flammable argon gas powered(not included)

Small compact design to allow access to elevators and stairwells

Standard fittings and pipe sizes for convenient repair or hose extension (access from lower levels)



NO POWER REQUIRED

For More Information:
www.gluecarts.com

**IMPORTANT REQUIRED
SAFETY GEAR**

AND ALL OTHER OSHA AND JOB RELATED PPE:

GLASSES(FACE SHIELD)

GLOVES

SHOES

LONG PANTS & SHIRT SLEEVES

NEVER EXCEED 50 PSI AT MANIFOLD PRESSURE GAUGE #5

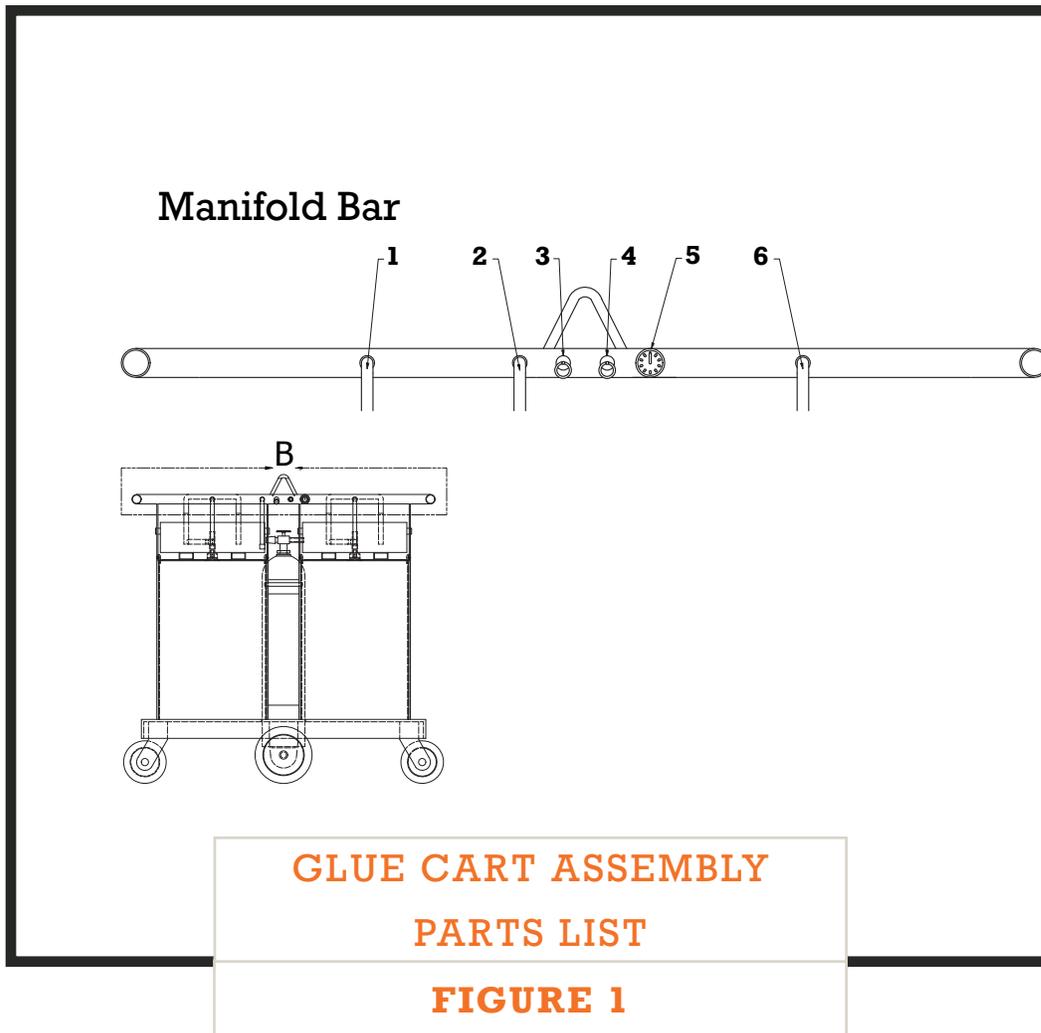
**NEVER ALTER PRESSURE RELIEF VALVES #3 & #4
THEY ARE PRESET.**

**IF VALVES #3 OR #4 ARE LEAKING GAS PRESSURE, TURN TANK REGU-
LATOR #12 COUNTER CLOCKWISE TO DROP PRESSURE GAUGE #5
BELOW 50 PSI, OR UNTIL LEAKING HAS STOPPED**

*****OVER PRESSURIZATION WILL RESULT IN RUPTURE OR EXPLO-
SION OF TANKS AND OR ANY RELATED PRESSURIZED PARTS.
NEVER ALTER PRESSURE RELIEF VALVES #3 & #4.**

SECTION 3

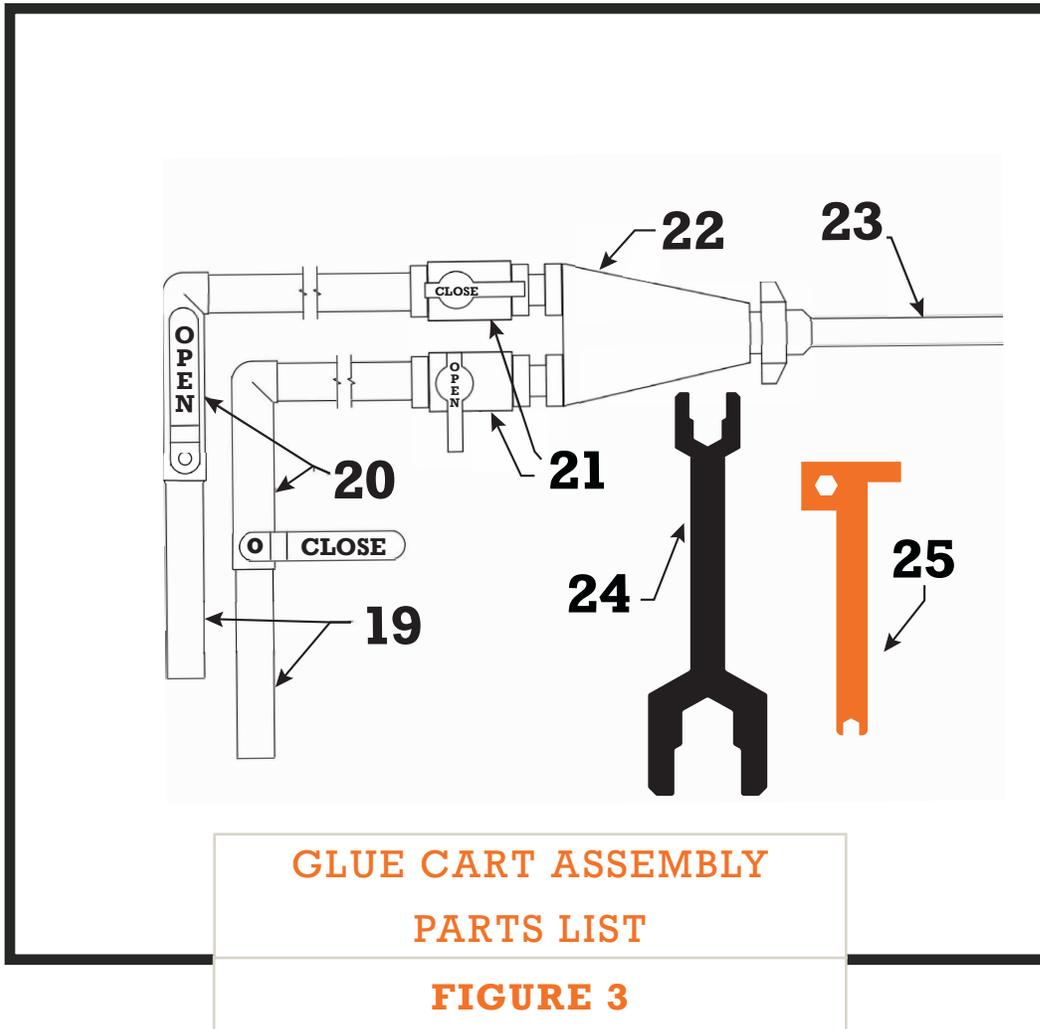
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- 1 Barrel Gas Connection (A)
- 2 Cylinder Gas Connection
- 3 Safety Valve(gas)
- 4 Safety Valve(gas)
- 5 Pressure Gauge
- 6 Barrel Gas Connection (B)

SECTION 3

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- 19 Dip Tubes/Hoses
- 20 Barrel shut offs
- 21 Manifold shut offs
- 22 V manifold
- 23 Mixing tip (single use, consumable, not included)
- 24 Set up & Maintenance Wrench
- 25 Barrel Setup Wrench

SECTION 4

4

INSTALLATION & PREPARATION



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Glue Cart Set Up

Inspect shipping carton

01

INVENTORY:

- 1 cart frame assembly (**Fig #1 - #3**)
(pg 6-8)
- 2 Barrel top clamp spacers
- Hose/Applicator Assembly **Fig #3**
- Argon Cylinder Regulator #15
- Argon Cylinder (80ft)³
(not included)
- 15 gallon 2 part adhesive
(not included)
- Barrel Setup Wrenches

02

INSPECT:

- Inspect all hoses to ensure they are free from defects and wear **FIG #3** (pg 8)
- All regulators and safety valves and gauges are in place and free of debris. (Test before each use – see sections **1, 2, 3, 4, 5, 6**)

SECTION 4

ASSEMBLY

TAKE YOUR TIME

- Place cart frame on level flat surface
- Lift Barrel Door (#17) to swing open
- Place adhesive barrel (A) in housing being sure to fit bottom spacer in barrel “rim”. Repeat for Adhesive Barrel (B)
- Place barrel top spacers (#9) on barrels with 2” round barrel openings at 90° angle to door openings (spin barrels as required)
(Never operate without spacers)
- Lower handle on clamp cam (#16) to allow clearance to locate top spacers
- Swing door to close. Raise door latch (#17) to drop locking pin of door latch (#17) in bottom and align top capture. Drop door to secure (never operate without door secured in place) (#17)
- Raise cam handles (#16) to secure barrel, hold in place with locking bolts or drop handle keeper
- Remove plug covers shipped with barrels (two 3/4” and 2”) from barrel tops
- Insert gas inlet 3/4” fitting (#18) into barrel with Teflon tape sealer(tighten)
- Insert hose outlet 2” fitting (#13 & #14) into barrel with Teflon tape sealer(tighten). (#8)
- Loose compression nuts on 2” fitting (#13 & #14) to allow adhesive hose “DiP tube”(Fig B) to pass to bottom of tank (Repeat with Barrel B)
- Tighten compression nuts (#13 & #14) hand tight
- Tighten compression nuts (#13 & #1) one turn with wrench
- Check that all (four) adhesive shut off valves (#13 & #14 & #20 & #21) Fig 2 & Fig 3, are closed
- Place argon cylinder (#15) in hole at bottom of cart and secure with strap
- Place regulator (#12) on cylinder (#15) and thread tight by hand, tighten with wrench
- Open cylinder tank valve (#12) to allow gas to flow into cart manifold (Fig 2)
- Turn regulator pressure adjustment counter clockwise fully
(no pressure)



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SAFETY WARNING
NEVER EXCEED 50 PSI

- Set pressure on regulator (#12) to achieve 20 PSI at manifold gauge (#5)
 - Pull ring (#3 & #4) on manifold safety valve to purge gas
- Turn manifold shutoff valve (#2) to off position.
 - Connect manifold gas hoses (#1 & #6) to barrel A & B

OPERATION

- Refer to all safety warnings listed
- Close all valves on adhesive lines Fig 3(#20, #21)Pg. 8
- Unscrew adjustment knob (#12) on gas cylinder (#15) and regulator (#12) fully to relieve gas flow fully.
- Close all valves on gas system (#2) Pg. 6 (#12) Pg. 7
- Refer to assembly section: *Verify all safety systems are in proper working order (Pgs. 5-11)
- Verify all clamping (#7) and doors (#16) are properly secured and set up
 - a. Open cylinder tank main valve (#15)
 - b. Turn cylinder regulator (#12) clockwise, to allow pressure into gas manifold (Fig 2). Adjust to 20 PSI on manifold gauge (#5)
 - c. With manifold gauge (#5) at 20 PSI open manifold shut off (#2) to allow gas to enter the glue barrels
 - d. Check for any leaks in gas system throughout (tighten as necessary)
 - e. Verify all doors and clamping remains aligned and in proper order, #'s 9, 16, & 17
 - f. Open adhesive hose shutoff (#14 & #13) at barrels fully.
 - g. In waste box or can, open V-manifold adhesive valves (#21) one at a time to allow single flow from V-manifold. Repeat for each A & B
 - h. If flow is restricted use ¼" x 12" drill bit to clean V-manifold manifold (#22) as necessary between uses
 - i. Install proper mixing nozzle to V-manifold (#23) provided by glue manufacturer.
 - j. Open valves on V-manifold (#21) to allow adhesive to flow and mix while spreading adhesives per manufacturer recommendations
 - k. Adjust cylinder regulator (#12) while observing manifold gauge (#5) to increase adhesive flow up to 50 PSI (Max) to desired flow rate
 - l. Open/Close V-manifold valves (#21) to control adhesive flow, to Start/Stop when applying adhesive

STORAGE

SECTION 6

6

- 01 • Close all adhesive hose valves (#13, #14, #20 & #21)
- 02 • Close cyclinder gas valve (#15) off then turn gas regulator knob (#12) counter-clockwise to relieve pressure in manifold
- 03 • Pull ring on pressure safety valve (#3) to drop system pressure gauge on manifold (#5) to (MAX 20PSI - MIN 10PS)
- 04 • Make sure all adhesive and gas valves are fully closed for long term or overnight storage

MAINTENANCE

- 01 • Inspect all systems & hoses
- 02 • Clean any glue & debris from unit
- 03 • Drill out V-Manifold blockage with 1/4" x 12" Drill

Distributor:
ABC Supply Co., Inc.

To Order at <https://www.abcsupply.com>

SECTION 7

OPTIONS & ACCESSORIES

7



Glue Hoses can be extended or shortened using 3/4" standard **PEX®** oxygen-barrier pipe and standard 3/4" fittings with clamps

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Stickers Glue Cart

Sticker Packs come in 5-100 pcs. Please use QR Code or direct shop on gluecarts.com for ordering stickers

Tips *Single Use*

GlueCart Injection Tips come in 5-100 pcs. Please use QR Code or direct shop on gluecarts.com and **ABC Supply Inc. / Grainger, Inc.**

Showroom:
ABC Supply Co. Inc.

To Order at <https://www.abcsupply.com>

This information supersedes any other warranty information contained with this new product.

This warranty covers any product purchased after February 1, 2022.

Keep this warranty information with your purchase receipt.

SF LLC warrants that for a period of 6 (six) months from date of shipment for GlueCart™ tools or from date of product sold to Purchaser by GlueCart™, the tool or product will be free from defects in material and workmanship under normal use. This excludes items indicated as wear items or wear parts in GlueCart™ manuals, which will be warranted for the first 30 days from date of shipment only. During said warranty period, GlueCart™ agrees to replace free of charge any GlueCart™ manufactured or purchased part or component be sent to GlueCart™, or its designated authorized representative, freight or postage prepaid. If Purchaser requests that parts be removed and or replaced by said part or component, GlueCart™ shall have the right to charge Purchaser for such work at GlueCart™ regular service rates. Repairs to tools and products must be made by GlueCart™ authorized service representative; or in accordance with repair procedures set forth in the applicable GlueCart™ Product Service Manual: www.gluecarts.com/operating-manual

GlueCart™ warrants that for a period of thirty (30) days from the date of service provided, the tools or products repaired will be free from defects in material and workmanship when under normal and intended use. This Warranty extends only to the original purchase from GlueCart™ and is not transferable.

GlueCart™ warrants and represents that the tools or products when used in accordance with instructions provided by GlueCart™ will not infringe any patent or other proprietary right of any third party.

Disclaimers - These warranties are expressly conditioned on:

- A. Tools repaired by an authorized GlueCart™ service center representative.
- B. Purchaser following the GlueCart™ prescribed maintenance schedule, operating and other instructions, and the GlueCart™ safety manuals documentation.

Failure to follow the above express conditions shall void all warranties otherwise applicable to the products, tools or services.

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SECTION 9

TROUBLESHOOTING

Always refer to safety warnings prior to troubleshooting or using equipment (page #2)

Symptom	Probable Cause	Remedy
No glue delivery	No gas pressure in system	<ul style="list-style-type: none"> • Check barrel gas connections #1 & #6 • Check cylinder gas connections & valve #2, #5, #12 & #15
No glue delivery	Obstruction in glue lines	<ul style="list-style-type: none"> • Check barrel shut offs #13, #14, #20 & #21 open • Mixing tip obstruction -> drill tip out • Glue cured at tip
Excessive gas consumption	Leak in gas delivery system	<ul style="list-style-type: none"> • Check all hoses and thread connection • Check #13 compression nuts & dip tubes
Leaking at safety valves	Over 50 PSI on tank regulator	<ul style="list-style-type: none"> • Set regulator below 50 PSI #5, #12 • Replace safety valve
Barrel door will not close	Misaligned barrel	<ul style="list-style-type: none"> • Set barrel on inset base
Cam will not lock	Misalignment	<ul style="list-style-type: none"> • Check barrel bottom inset • Check barrel supports #9 • Debris in mechanism

GLUE CART

efficiency
on wheels

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Order at <https://www.abcsupply.com>



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