



INSTRUCTIONS

KEEP FOR REFERENCE.

Read manual 308-611 for important warnings and instructions.

Gallon Totalizer Kit

Model 238-954

Pressure Relief Procedure

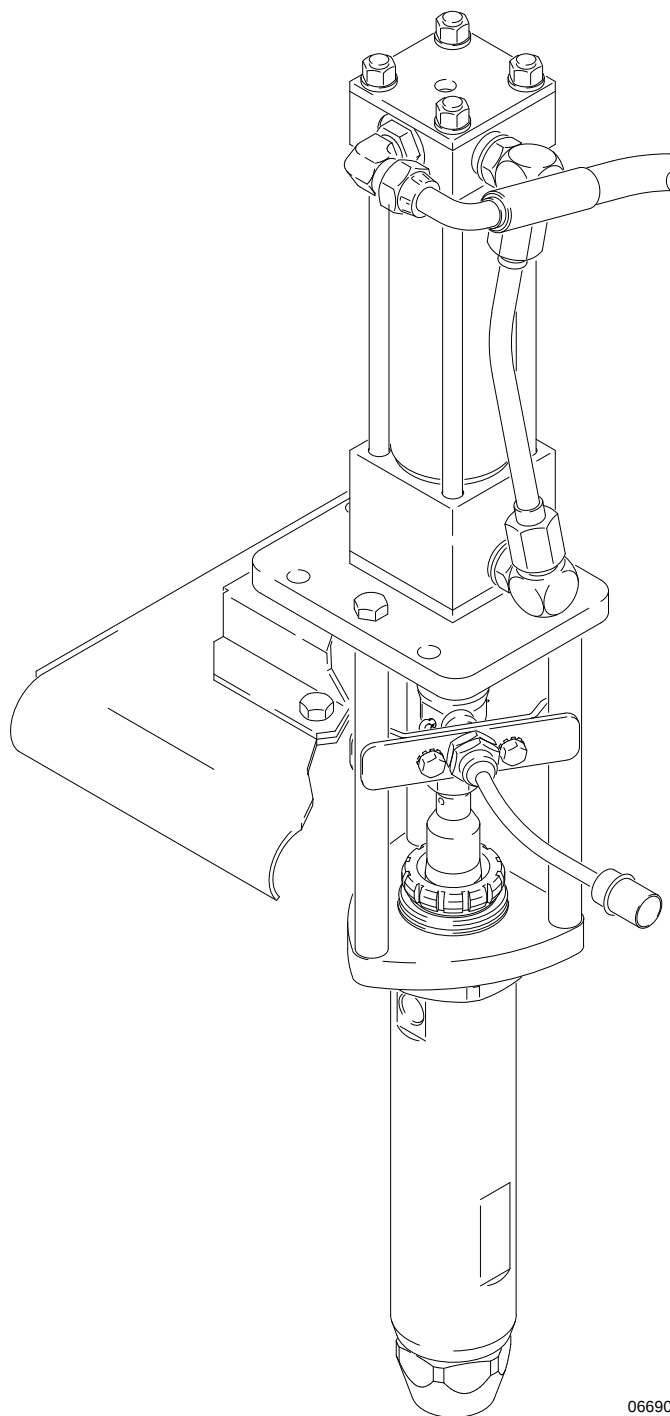
WARNING



INJECTION HAZARD

The system pressure must be manually relieved to prevent the system from starting or spraying accidentally. Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the **Pressure Relief Procedure** in manual 308-611 whenever you:

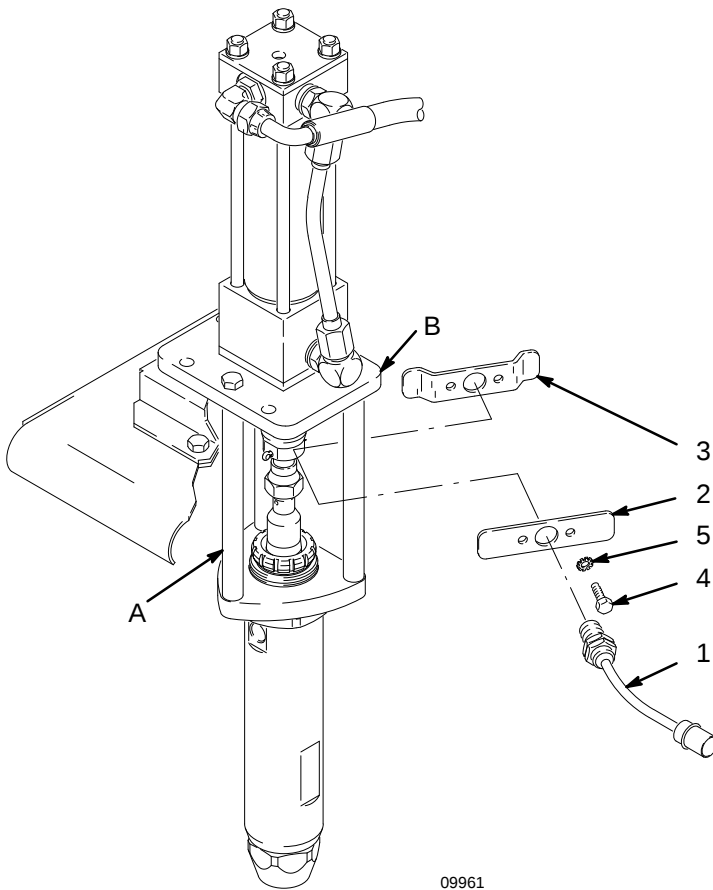
- are instructed to relieve the pressure,
- stop spraying,
- check or service any of the system equipment,
- or install or clean the spray tip.



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Installation

1. Relieve pressure. See **Pressure Relief Procedure**.
2. Refer to Fig. 1 for reference numbers.
3. See cover and Fig. 1. Connect sensor bracket (2) with proximity sensor (1) to tie rods (A) with rear bracket sensor (3), machine screws (4) and lock washers (5).
4. Install with top edge of brackets approximately 2 inches below hydraulic motor base plate (B).
5. Position sensor 3/16 in. (4.7 mm) from displacement rod. See **Side View**, Fig. 2. Connect sensor(s) as shown in Fig. 3.
6. Check sensor after installation. Sensor LED turns off when hydraulic motor displacement rod travels down and on when rod travels up.



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Parts List

Ref. No.	Part No.	Description	Qty
1	113-317	SENSOR, proximity	1
2	191-713	BRACKET, sensor	1
3	191-871	BRACKET, sensor, rear	1
4	100-022	WASHER, lock	2
5	100-986	SCREW, machine, hex hd	2

Fig. 1

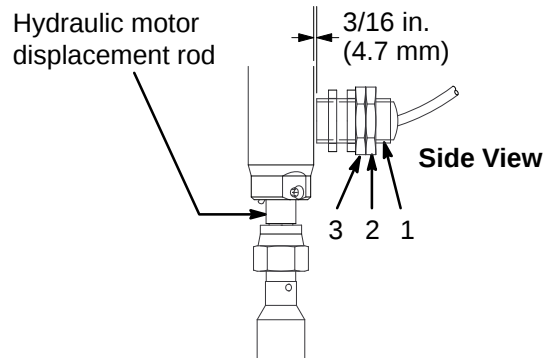
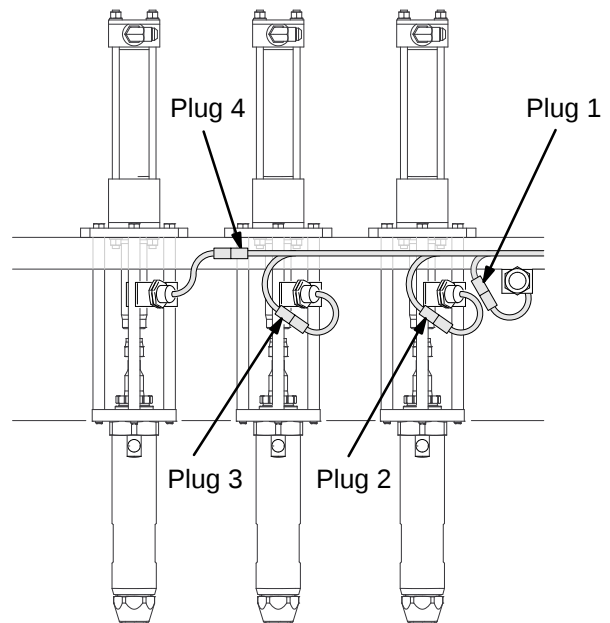


Fig. 2

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Fig. 3

Installation

7. Use the menu arrows of the Skipline Controller to select the Skip Cycle Start Setup and Pump Calibration menu. Fig. 4.
8. Verify that the Pump Cal. Constant is .0283. Use Arrow 3 or 4 to adjust the constant, if necessary.

Note: The Pump Cal. Constant indicates the amount of gallon per pump cycle.

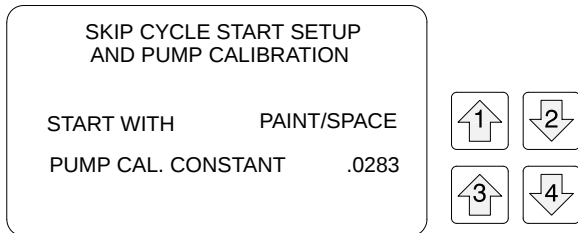


Fig. 4

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9. Use the menu arrows to select the Counter Menu.
10. The control will now display the gallons of paint used for either pumps 1 and 2, or pump 3. The control will also display the average rate which paint is applied. Fig 5.

Note: The control will only register gallons used when Gun Switches 1, 2, or 3 are activated. The control will not register gallons used when paint is purged with the pressure relief valve.

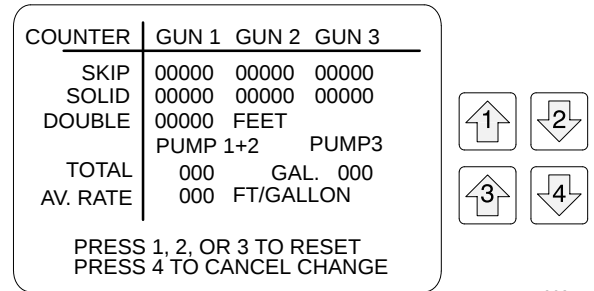


Fig. 5

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Troubleshooting

Problem	Cause	Solution
Control does not register gallons.	Improper sensor adjustment.	Readjust the sensor. See steps 4–6.
Total gallons registered is less or greater than the actual amount of paint used.	Improper Calibration Constant.	Readjust the Cal. Constant. See steps 7–10.
	High or low viscosity materials may cause a slightly higher or lower reading.	Adjust the Cal. Constant slightly higher or lower to compensate.

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