



INSTRUCTIONS

This manual contains important warnings and information.
READ AND KEEP FOR REFERENCE.

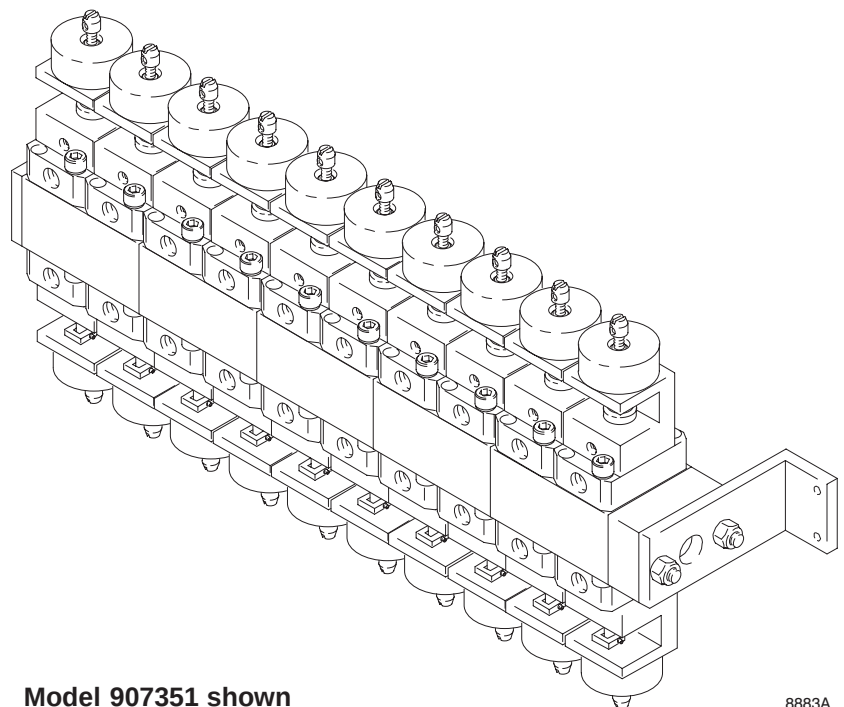
First choice when quality counts.™

Color Changer Valve Assembly

7 bar, 0.7 MPa (100 psi) Maximum Air Inlet Pressure

210 bar, 21 MPa (3000 psi) Maximum Fluid Working Pressure

ASSEMBLY ORDER NO.	
with Stainless Steel Body	No. of Valves*
907345	4
907346	6
907347	8
907348	10
907349	12
907350	16
907351	20
907352	24
907353	28
907354	32
907355	36



Model 907351 shown

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* *In normal operation, one valve is used for solvent flush and the remainder for various colors.*

Installation

1. Install a nut (9) on each of the rods (8). Slide the bracket (10) and outlet block (5) onto the rods. See Fig. 2.
2. Place an o-ring (6) on the front of the first center manifold (2), and slide it onto the rods up to the outlet block.
3. Place an o-ring (6) between each of the center manifolds (2). Slide the center manifolds onto the rods.
4. Place an o-ring (6) on the open end of the last center manifold. Slide the end manifold (3 or 4) onto the rods.
5. Slide a bracket (10) onto the rods and secure with the nuts (9).
6. Install the valves (1) on the manifolds with two screws (7).

NOTE: Each center manifold (2) can hold up to four valves (two on each side). One end manifold (3) can hold four valves, the other end manifold (4) can hold two valves.

NOTE: One of the last two color changer valves on the end manifold is used for solvent flush.

7. Connect a 4 mm (5/32 in.) OD tube to each piston air inlet fitting (B) by pushing the tube into the special quick disconnect of the fitting. See Fig. 1. See **Accessories**, on page 5, to order the tubing.

NOTE: The air inlet fitting (B) is a 90° elbow. An optional straight air inlet fitting is available; see **Accessories** to order.

8. See Fig. 1. Install a suitable adapter (A) in the 1/8 npt fluid inlet of each valve. Apply thread sealant to the adapter and torque to 2.3 N•m (20 in-lb). Connect the paint supply hose to the adapter (A).
9. Connect the paint hoses from the gun to the outlet block (5). The threads on the outlet block are 1/4-18.6 compound thread, which fits both 1/4-18 npsm or 1/4-19 BSP female connectors.
10. If you are recirculating the paint, remove the recirculating plug (C) from the valve and connect the recirculating line to the 1/8 npt(f) port, using a suitable adapter. Use sealant on the adapter and torque to 2.3 N•m (20 in-lb).

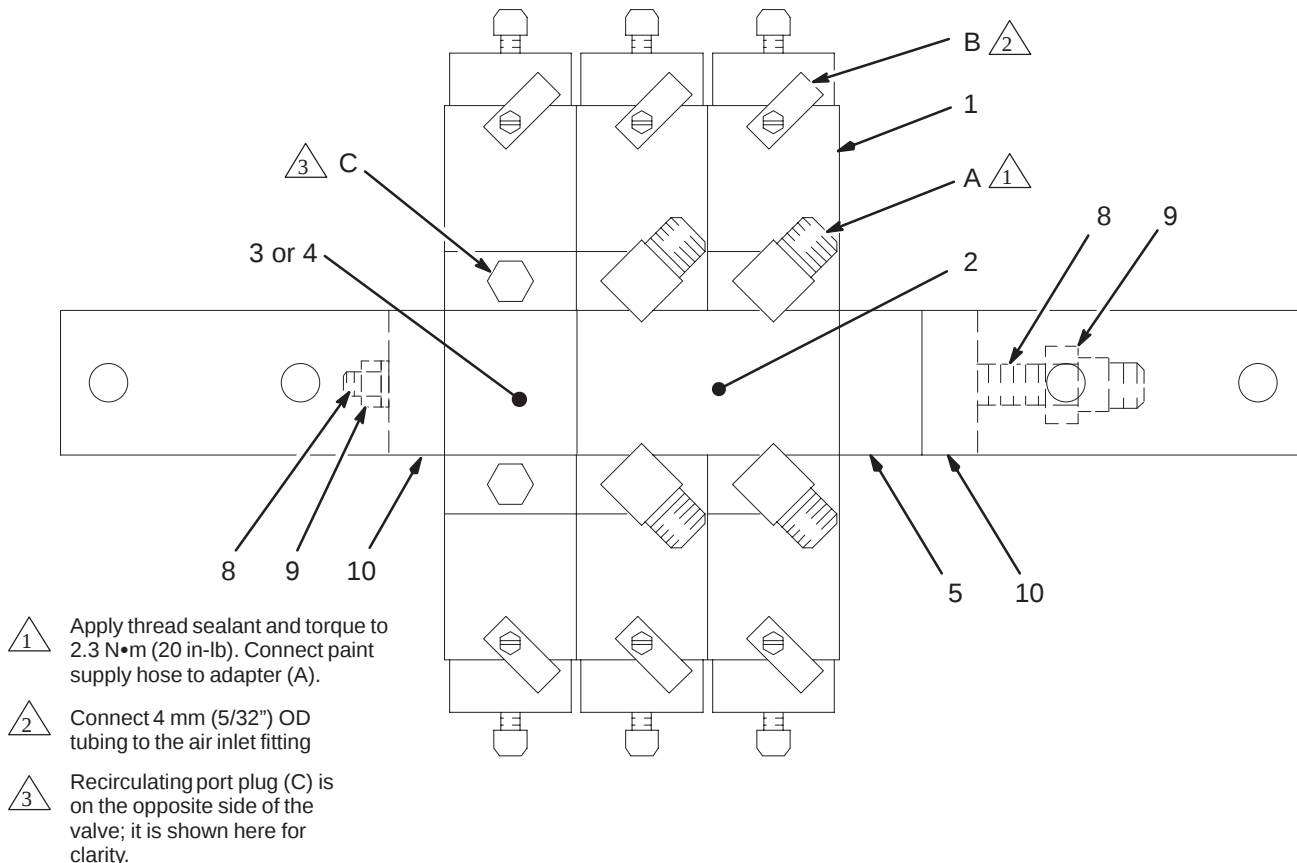


Fig. 1

Installation

MODEL 907347 shown

Includes 8 valves: one for solvent, and seven for color.

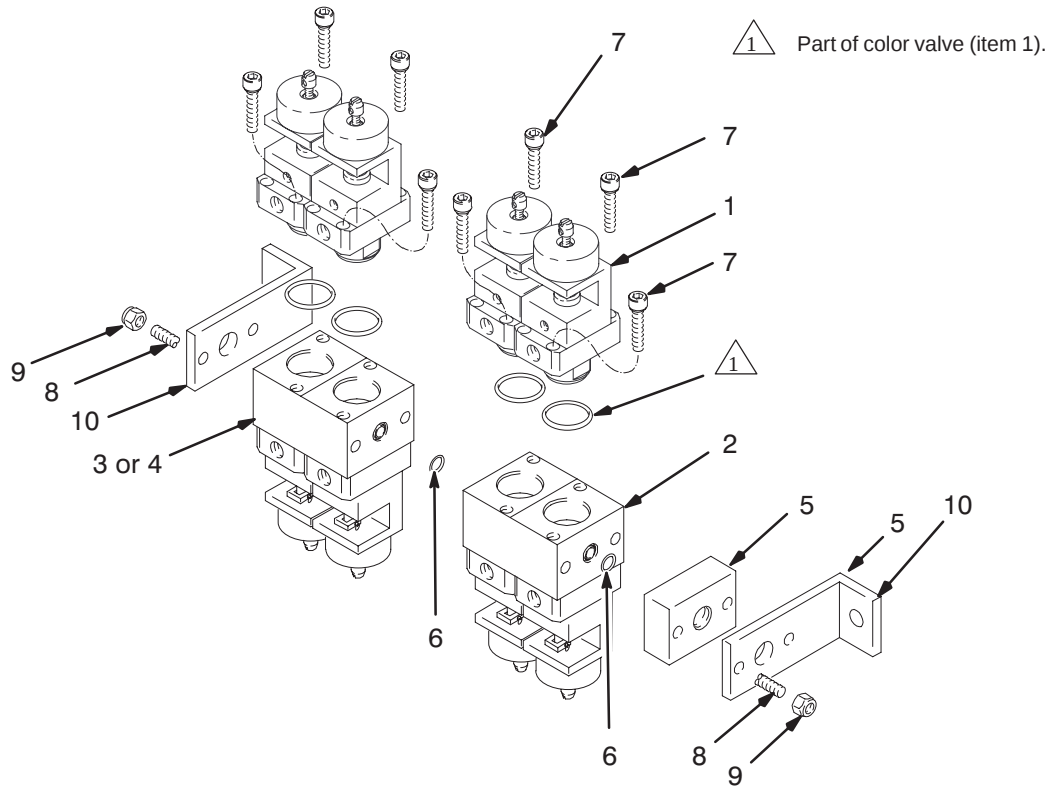


Fig. 2

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Service

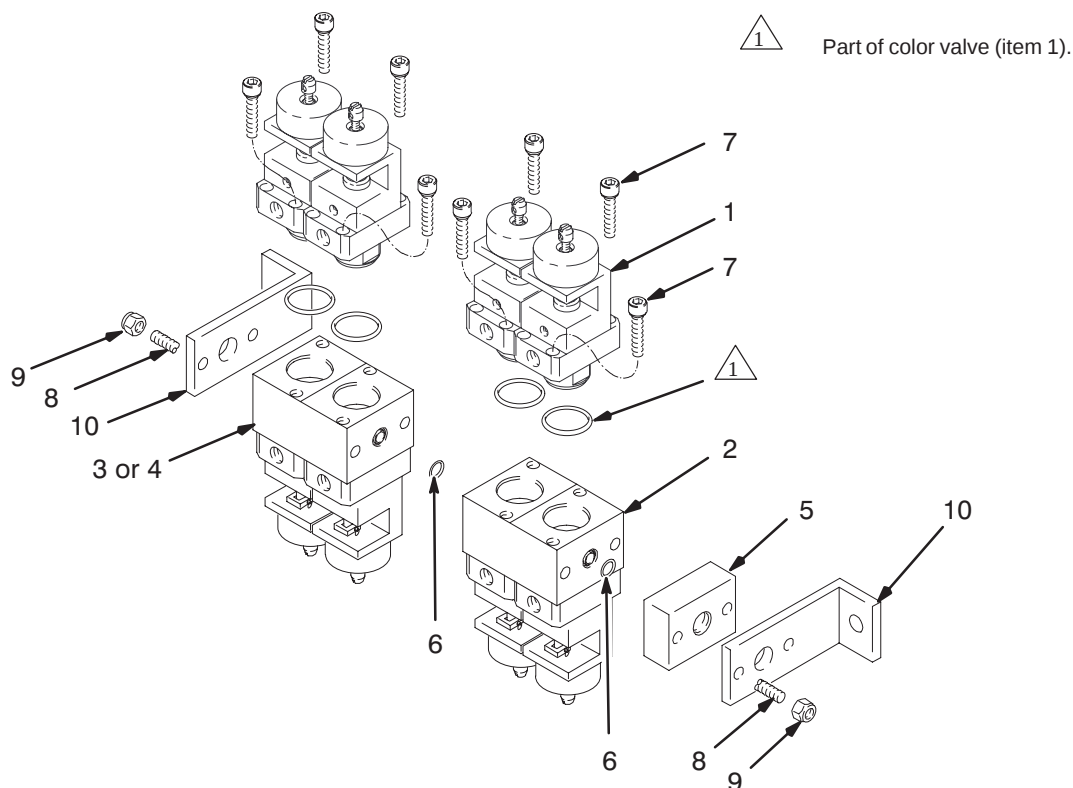
⚠ WARNING

To reduce the risk of serious bodily injury, including splashing in the eyes or on the skin, injury from moving parts or electric shock, always follow the **Pressure Relief Procedure** and read and follow the warnings given in your pump and spraying device instruction manuals.

See Instruction Manual 308291 for the color valve repair procedure.

Parts

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1**	832503	BARE VALVE	*	10	832536	BRACKET, mounting	*
2	832904	MANIFOLD, center, 4 valve	*	11	103195	SCREW, cap (not shown)	*
3	833108	MANIFOLD, end, 4 valve	*	* See the Valve Component Quantity Chart information, below and on page 5, to determine the quantity to order for your Color Valve Model.			
4	832905	MANIFOLD, end, 2 valve	*				
5	833107	BLOCK, outlet	*				
6	552000	O-RING	*				
7	100643	SCREW	*				
8	510947	ROD	*	** See Manual 308291 to order Bare Valve parts.			
9	102040	NUT, lock; 1/4–20	*				



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Valve Component Quantity Chart

How to Use the Component Quantity Chart

In the chart on page 5, the quantities are listed under each component part no., across from the corresponding Color Changer Valve Assembly part no.

For example, if you have Color Changer Valve Assembly 907346, your color valve consists of the components listed at right:

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Ref. No.	Part No.	Description	Qty.
1	832503	BARE VALVE	6
2	832904	MANIFOLD, 4 valve	1
4	832905	MANIFOLD, 2 valve	1
5	833107	BLOCK, outlet	1
6	552000	O-RING	7
7	100643	SCREW	12
8	510947	ROD	1
9	102040	NUT, lock; 1/4–20	4
10	832536	BRACKET, mounting	2

Valve Component Quantity Chart

Color Chg. Valve Assy.	REF NO. 1 Bare Valve	REF NO. 2 4 valve Center Manifold	REF NO. 3 4 valve End Manifold	REF NO. 4 2 valve End Manifold	REF NO. 5 End Block	REF NO. 6 O-ring	REF NO. 7 Screw	REF NO. 8 Rod	REF NO. 9 Nut	REF NO. 10 Mtg. Bracket	REF NO. 11 Cap Screw
Part No.	832503	832904	833108	832905	833107	552000	100643	510947	102040	832536	103195
907345	4	0	1	0	1	5	8	0	4	2	2
907346	6	1	0	1	1	7	12	1	4	2	0
907347	8	1	1	0	1	9	16	1	4	2	0
907348	10	2	0	1	1	11	20	1	4	2	0
907349	12	2	1	0	1	13	24	1	4	2	0
907350	16	3	1	0	1	17	32	1	4	2	0
907351	20	4	1	0	1	21	40	1	4	2	0
907352	24	5	1	0	1	25	48	2	4	2	0
907353	28	6	1	0	1	29	56	2	4	2	0
907354	32	7	1	0	1	33	64	2	4	2	0
907355	36	8	1	0	1	37	72	2	4	2	0

Accessories

Use Only Genuine Graco Parts and Accessories

Air Tube 054177

4 mm (5/32 in.) OD; nylon
Specify length needed when ordering.

Straight Air Inlet Fitting 108294

For use where the standard 90° elbow air inlet fitting cannot be used. 10–32 male thread.

Technical Data

Maximum Fluid Working Pressure
..... 210 bar, 21 MPa (3000 psi)
Maximum Air Operating Pressure
..... 7 bar, 0.7 MPa (100 psi)
Air Inlet Tube Requirements 4 mm (5/32 in.) OD
Fluid Inlet 1/8 npt(f)

Fluid Outlet (circulation port) 1/8 npt(f)
Wetted Parts 303 and 304 Stainless Steel,
Tungsten Carbide, Polyurethane, Delrin®,
Ultra High Molecular Weight Polyethylene

Delrin® is a registered trademark of the DuPont Company.

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Graco warrants all equipment manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Graco distributor to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

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This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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Graco Phone Number

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1-800-367-4023 Toll Free

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PRINTED IN USA 308977 April 1999