

Complete RPS 2900 Pump Kit for RoadLazer™ RoadPak™ Line Striping System

3A1304A

ENG




Model 24G766



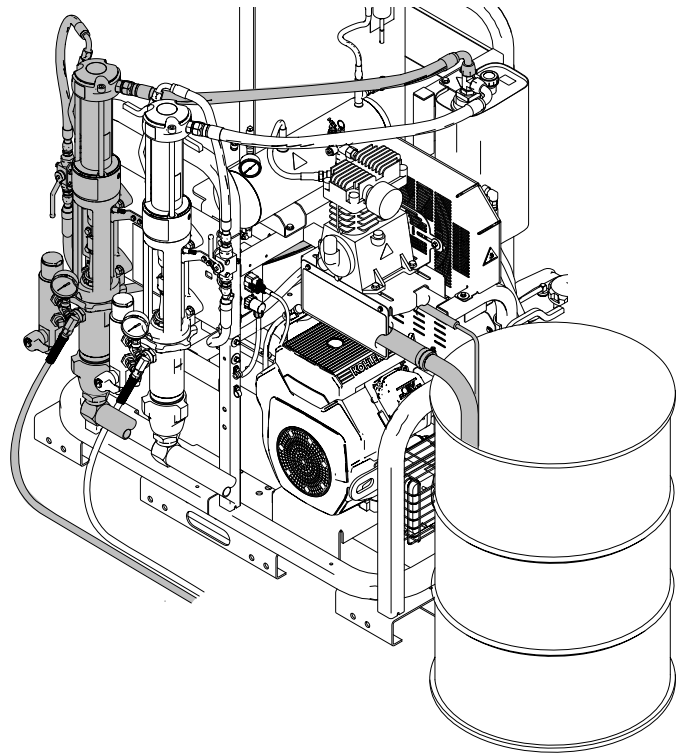
Important Safety Instructions

For complete warnings and safety instructions see RoadLazer™ RoadPak™ Line Striper System manual. Save these instructions.

Pressure Relief Procedure

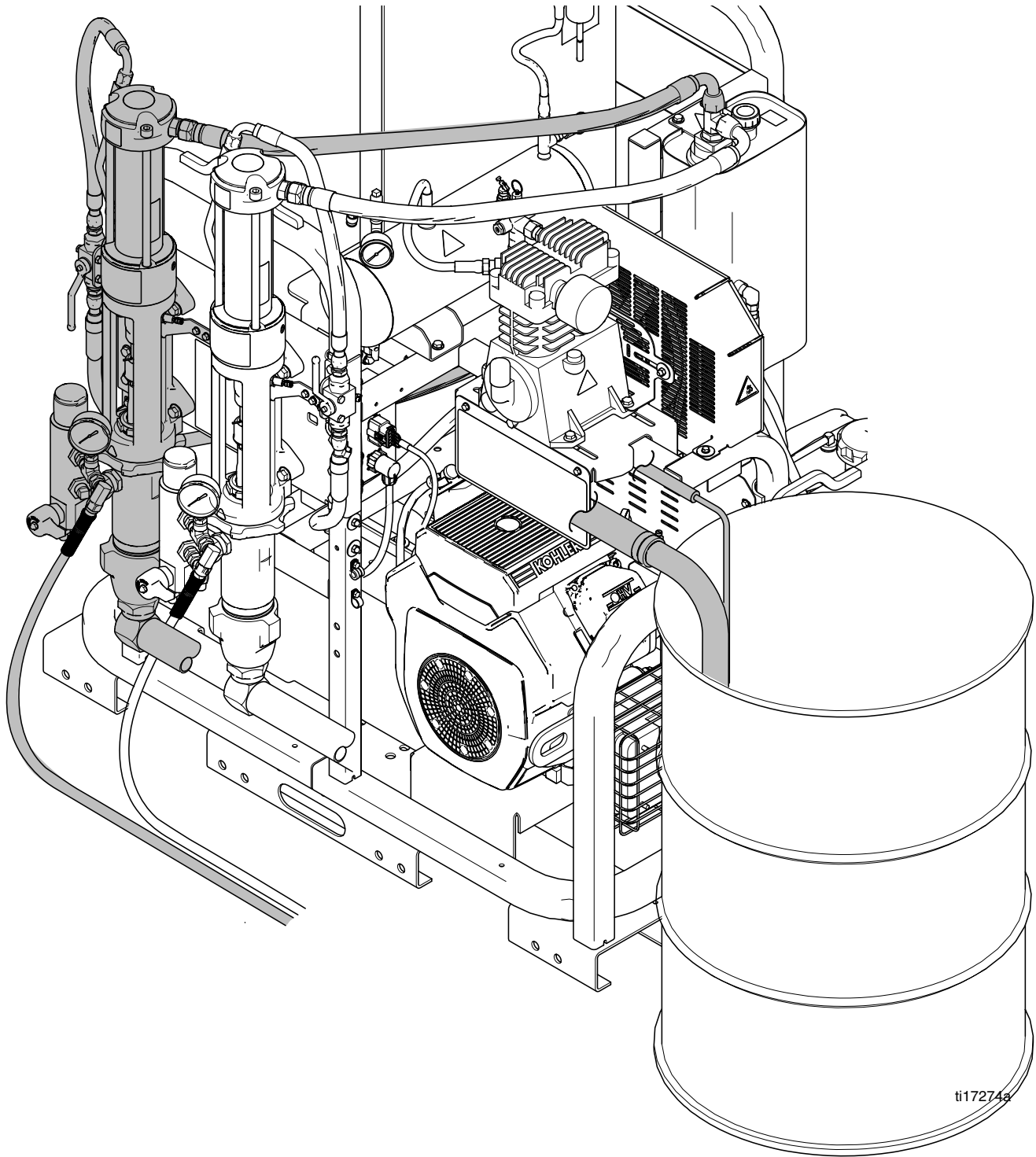
			
<p>The system pressure must be manually relieved to prevent the system from starting or spraying accidentally. Fluid under high pressure can be injected through the skin and cause serious injury. To reduce the risk of an injury from injection, splashing fluid, or moving parts, follow the Pressure Relief Procedure in RoadLazer RoadPak Line Striping System manual whenever you:</p> <ul style="list-style-type: none">• are instructed to relieve the pressure• stop spraying• check or service any of the system equipment• install or clean the spray tip			

1. Flush the system. See **Flush System** in RoadLazer RoadPak Line Striping System manual.
2. Relieve pressure. See **Pressure Relief Procedure** in RoadLazer RoadPak Line Striping System manual.



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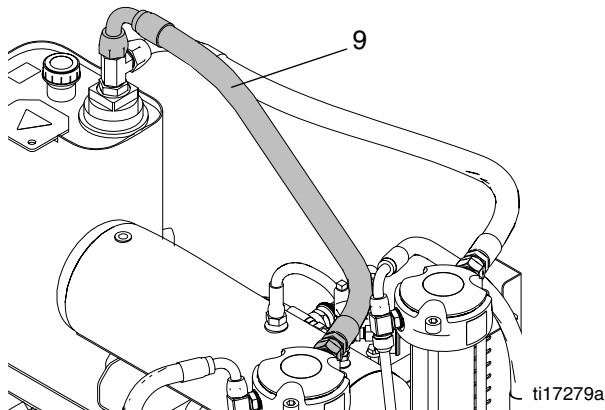
Hose Routing to Pumps and Tanks



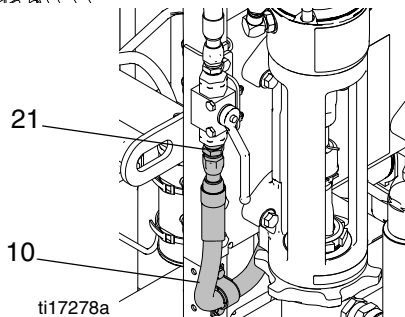
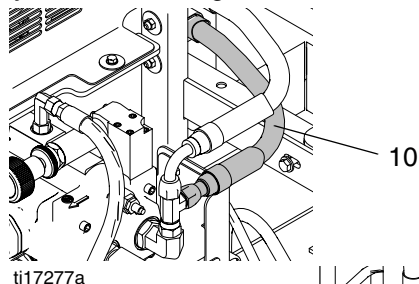
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Second Pump Installation

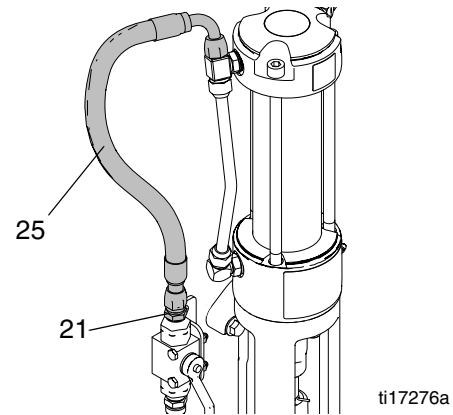
1. Install four mounting bolts (6) to mounting plate.
2. Lift pump over mounting bolts (6) and slide down into position. Torque bolts to 33 ft-lb (45 N•m).
3. Remove two bolts (aa) from mounting plate. Hold hydraulic valve bracket (7) in place, then replace two bolts (aa) and tighten firmly.
4. Turn hydraulic ball valve to closed position. Install hydraulic valve and bracket. Make sure the handle is positioned away from the RPS2900 pump.
5. Remove cap from top of hydraulic tank tee fitting. Attach hydraulic line and route line (9) through the top of the pump. Attach hydraulic line fitting.



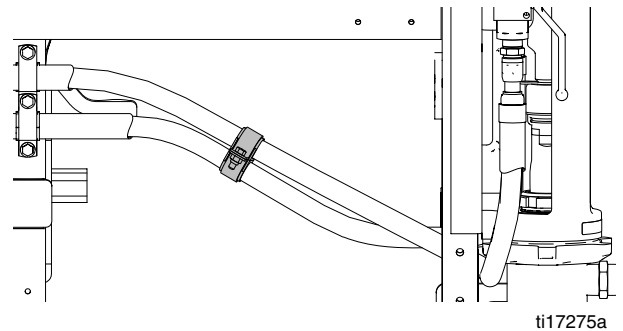
6. Remove cap from top of hydraulic pump tee fitting. Attach hydraulic line (10) and route line to inlet of ball valve. Install hose fitting adaptor (21) and attach hydraulic line fitting.



7. Install hose fitting adaptor (21) and attach hydraulic line (25) to outlet of ball valve. Route and secure hose to pump inlet.

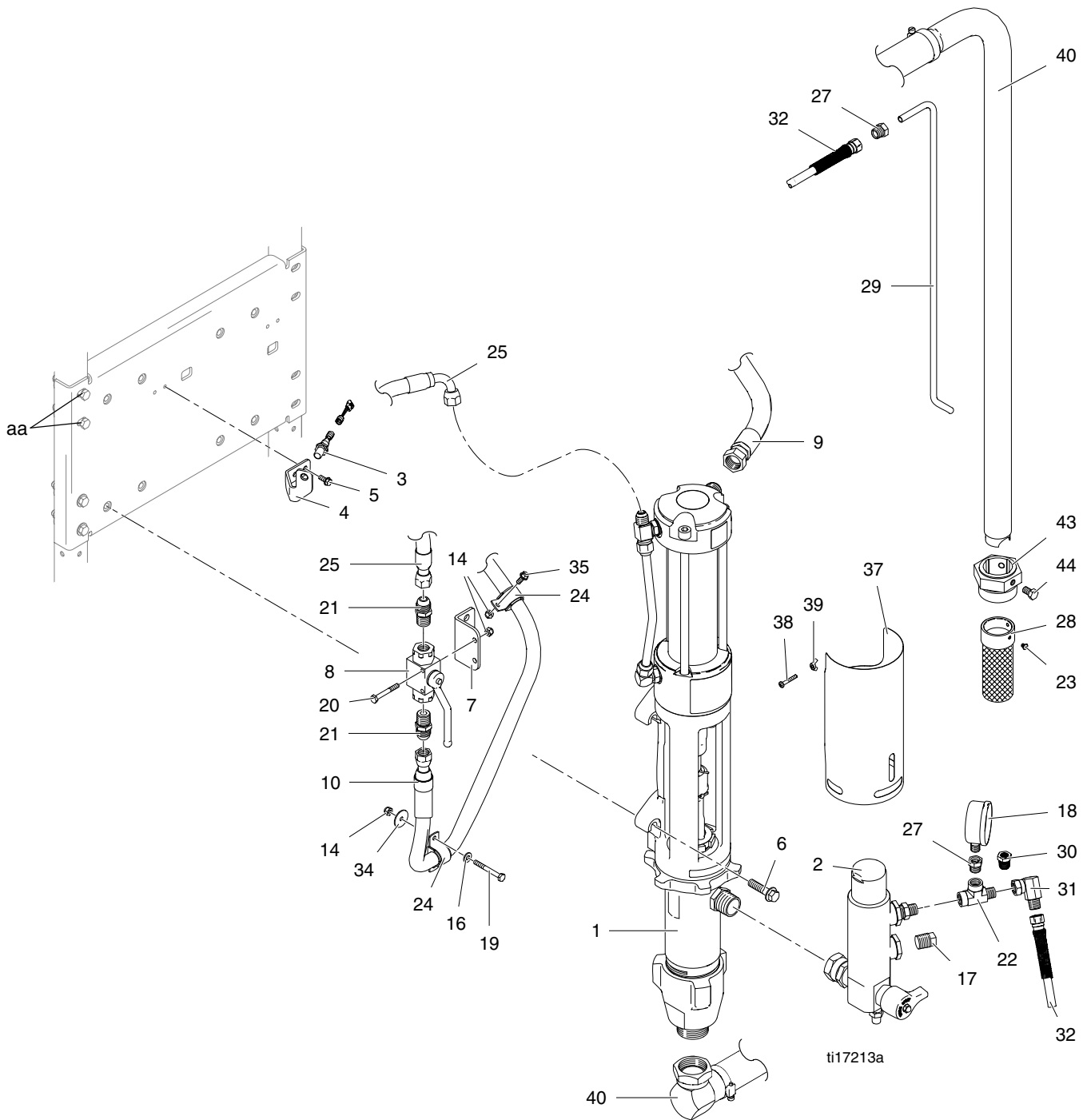


8. Secure hydraulic line with provided clamps and fasteners in locations shown below.



9. Start hydraulic pump, slowly turn the hydraulic ball in line with the hoses and stroke the pump 3-4 times. Check the hydraulic reservoir level and fill as necessary. Run the pump slowly for several cycles to purge any air from the hydraulic lines. Check the hydraulic reservoir level and fill as necessary.
10. Install pump filter (2) onto pump. **NOTE:** Filter (2) should be positioned similar to the factory-installed pump and filter.
11. Install gallon counter bracket (4) and tighten two bolts (5).
12. Thread gallon counter (3) into installed bracket (4) until flush against piston shaft and then unscrew one half turn. Use jam nuts to secure into position.
13. Attach drain line (29) to bottom of pump filter (2).
14. Attach suction tube (40) to bottom of pump (1).

Parts



Parts List

Ref.	Part	Description	Qty.
1	24G767	PUMP, RPS 2900	1
2	24G986	FILTER, Assembly, RPS 2900	1
3	16J511	SENSOR, proximity, 12 mm	1
4	16G421	BRACKET, sensor	1
5	112774	SCREW, mach, sltd hex wash HD	2
6	120226	SCREW, hex HD, flange	4
7	16G414	BRACKET, ball valve	1
8	120140	VALVE, ball, assembly	1
9	16G037	HOSE, coupled	1
10	16G035	HOSE, coupled	1
11	222385	TAG, warning	1
14	102040	NUT, lock, hex	7
16	110755	WASHER, plain	3
17	124489	PLUG, pipe	1
18	102814	GAUGE, press, fluid	1
19	105171	SCREW, cap, hex, 1/4 x 2 1/4	3
20	110982	SCREW, cap, hex HD	2
21	120304	FITTING, nipple, straight	2
22	124490	FITTING, tee, street	1
23	125320	SCREW, mach., phillips rnd HD	2
24	125005	CLAMP, hose, cushion, 7/8 ID	4
25	15G783	HOSE, coupled	1
27	168160	BUSHING, pipe	1
28	16G692	STRAINER, inlet	1
29	16G707	TUBE, drain	1
30	196180	BUSHING	1
31	207123	UNION, swivel, 90 deg	1
32	245798	HOSE, cpld, 1/4 in. x 7 ft	1
34	159346	WASHER	3
35	108296	SCREW, mach, hex wash HD	2
37	16H585	SHIELD, pump	1
38	111235	SCREW, mach, pnh	1
39	120317	NUT, wing	1
40	24G726	HOSE, suction	1
41	110110	SEALANT, pipe, sst	2
43	260384	ADAPTER, bung, machining	1
44	15D008	BOLT, 3/8-16, 316 sst	2
45	16J716	PLUG, 3/4 drum, with hole	1

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Original instructions. This manual contains English. MM 3A1304

Graco Headquarters: Minneapolis
International Offices: Belgium, China, Japan, Korea
GRACO INC. P.O. BOX 1441 MINNEAPOLIS, MN 55440-1441

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Revision A - 04/2011