

GAP Spray Gun Wand

311342 rev.A

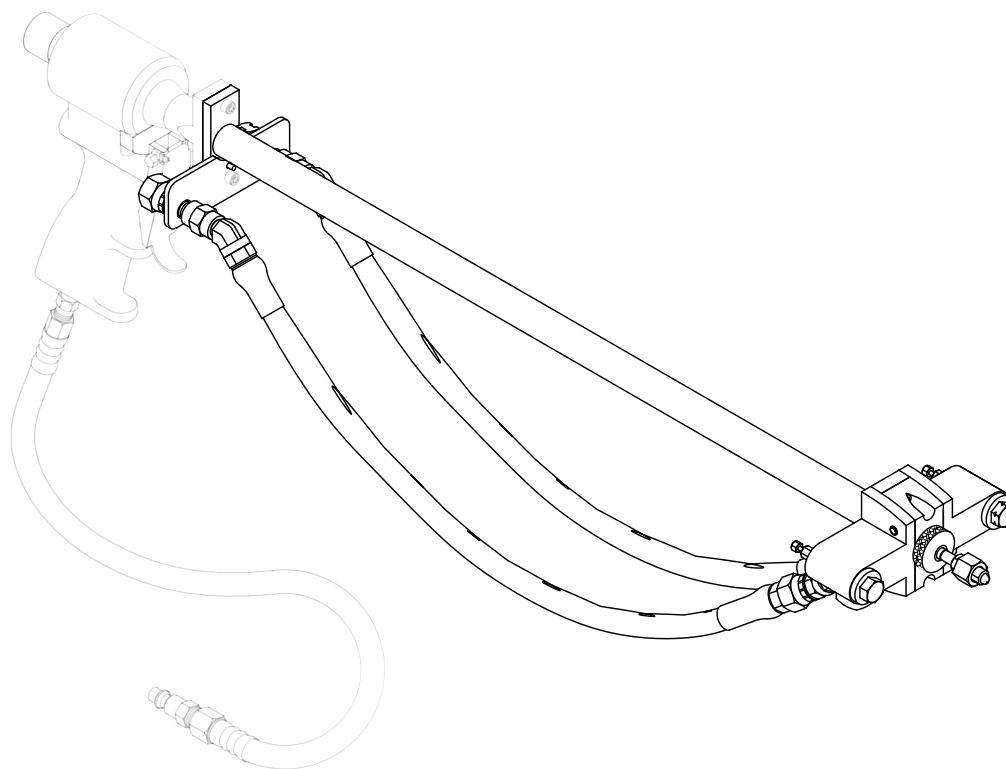
For installing wand assembly to GAP spray gun.

Part No. 296984



Important Safety Instructions

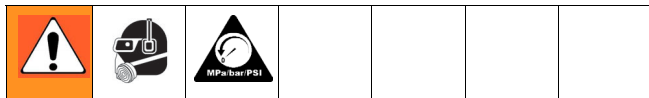
Read all warnings and instructions in the GAP spray gun manual 311322. Save these instructions.




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Installation




1. Perform Shutdown procedure. See Daily Shutdown procedure in GAP Spray Gun Manual 311322.
2. Remove flat tip assembly from end of mixing chamber.

 If gun has round pattern spray tip, skip to Step 3.

3. Remove air cap from front of gun by turning it counterclockwise.

4. Remove side block mounting screws. Carefully separate each side block from the gun block. If side blocks stick, remove dried chemical. Wipe mating surfaces clean with rag soaked in gun cleaner.

 If side blocks require servicing, see the Side Blocks repair procedure in GAP Spray Gun Manual 311322.

5. Remove the two gun block mounting screws. Slide block away from gun. If removal is difficult, remove dried chemical. Wipe mating surfaces clean with rag soaked in gun cleaner. Clean gun block with gun cleaner and brass brushes.
6. Use 3/16 in. open end wrench to hold end of piston rod. Turn mixing chamber by hand counterclockwise until it comes free. Clean mixing chamber with gun cleaner and clean-out drills. Inspect for damage and replace if necessary.

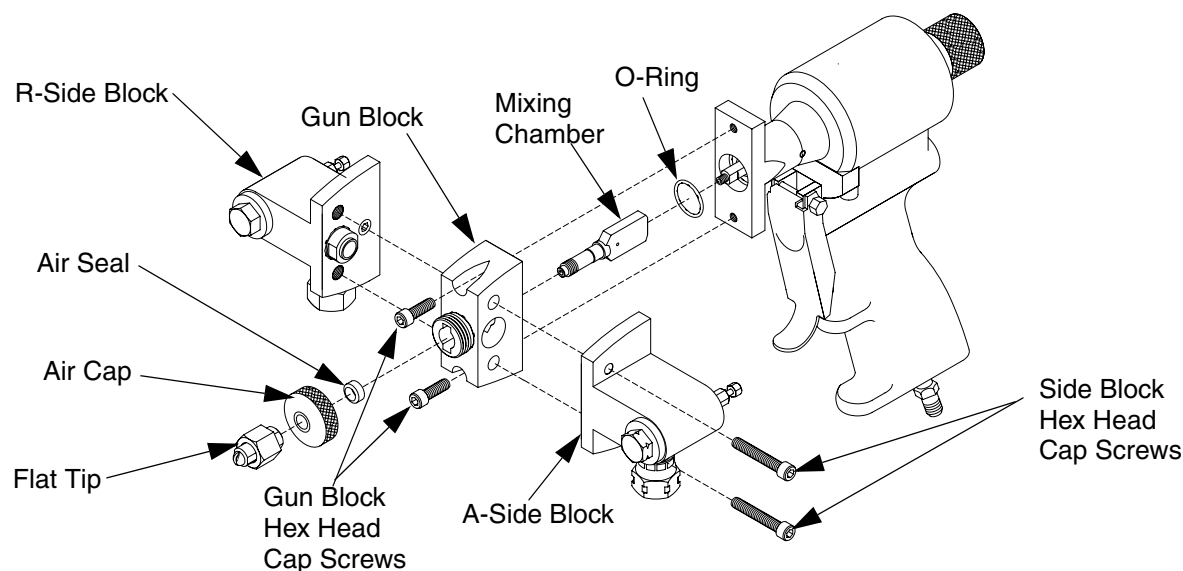


FIG. 1: Mixing Chamber and Gun Block Removal

7. Install fittings on hose bracket as shown in FIG. 2. Do not rigidly mount fittings to hose bracket.

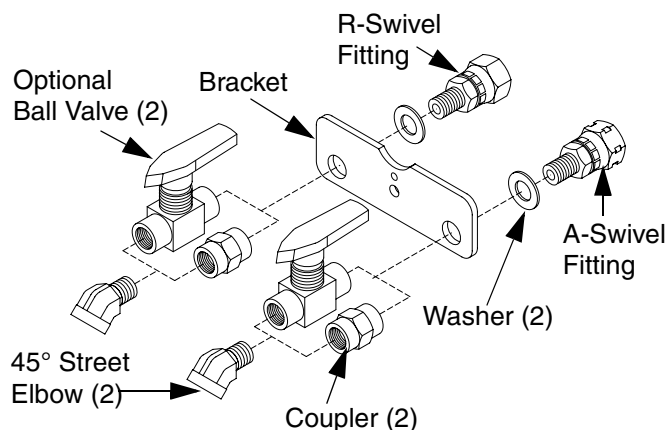


FIG. 2: Hose Bracket Fitting Installation

8. Apply removable Loctite® to threads on end of piston rod. Use 3/16 in. open end wrench to hold flat end of piston rod and thread rod

assembly onto it. Use another 3/16 in. open end wrench on flat end of rod assembly to secure it to piston rod. See FIG. 3.

9. Install tube weldment and hose bracket assembly. Verify o-ring is seated in cavity and slide tube weldment over rod assembly toward gun. Line up bracket assembly with alignment pin on tube weldment. Install mounting screws as show in FIG. 3. Tighten screws equally to prevent leakage.

10. Install o-ring in end of tube weldment. See FIG. 3.

11. Use 3/16 in. open end wrench to hold flat end of rod assembly. Thread mixing chamber onto end of rod assembly by hand until tight. See FIG. 3.

12. Slide gun block over mixing chamber toward gun. Install gun block mounting screws. Tighten screws equally to prevent leakage. See FIG. 3.

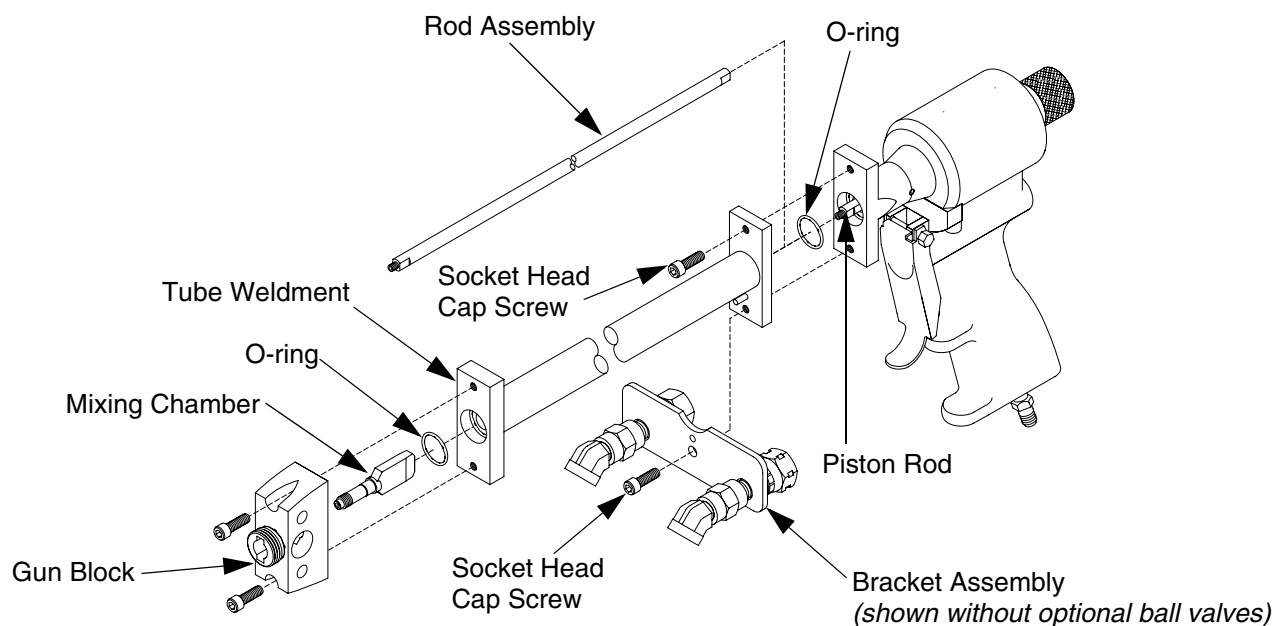


FIG. 3: Hose Bracket Fitting Installation

13. Remove swivel fittings from side blocks. If using optional ball valves, remove manual valve assemblies.

14. Install fittings on side block as shown in FIG. 4. If using optional ball valves, install optional plugs.

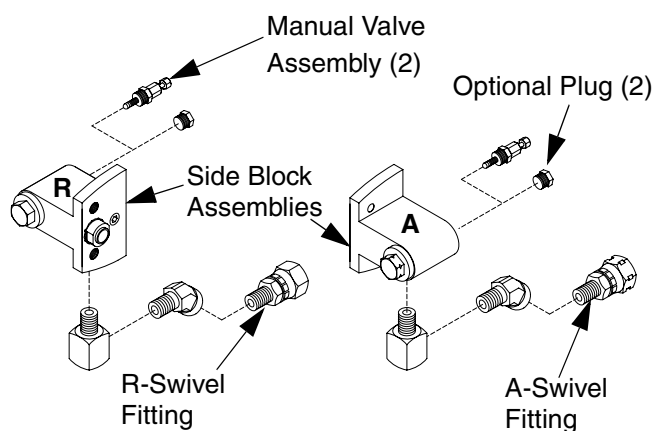


FIG. 4: Side Block Fitting Installation

15. Reinstall side blocks on gun block. Secure A and R side block to gun block. Tighten screws equally to prevent leakage.

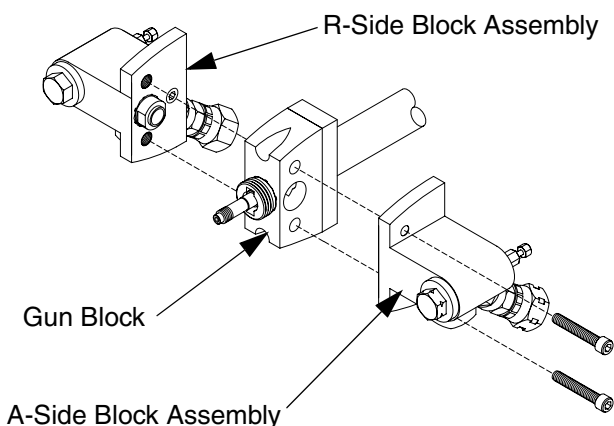


FIG. 5: Side Block Installation

16. Install Iso hose assembly and Resin hose assembly between A and R fittings on side blocks and hose bracket assembly as shown in FIG. 6.

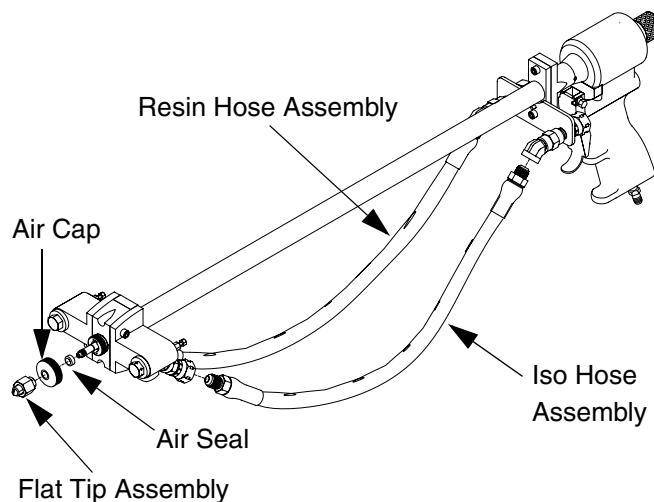



FIG. 6: Hose and Spray Tip Installation

17. Reinstall flat spray tip assembly (if necessary).

 If gun has round spray pattern tip, skip step 17 and proceed to step 18.

18. Perform start-up procedure. See Daily Start-Up procedure section of GAP Spray Gun Manual 311322.

Parts

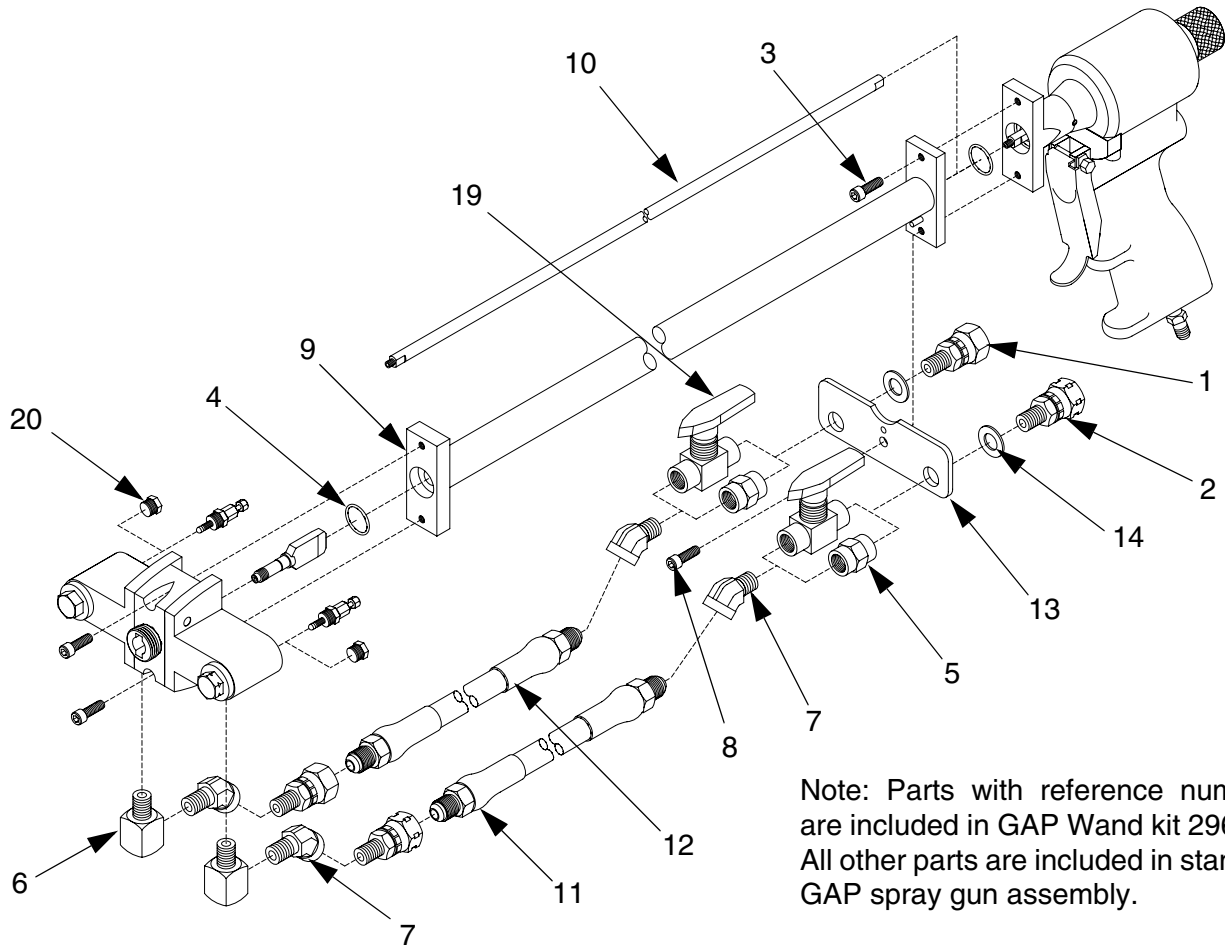


FIG. 7: GAP Wand Assembly 296984

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	117634	SWIVEL, union, #6 JIC x 1/8 npt	1	11	297094	HOSE, iso	1
2	117635	SWIVEL, union, #5 JIC x 1/8	1	12	297095	HOSE, resin	1
3	295684	SCREW, cap, socket head	1	13	297091	BRACKET, hose	1
4	115719	PACKING, o-ring, Viton®	1	14	297092	WASHER	2
5	297097	FITTING, coupler, 1/8 npt	2	19	297069	VALVE, ball, 1/8 npt (optional)	2
6	297085	FITTING, elbow, 1/8 npt	2	20	297101	PLUG, manual valve (optional)	2
7	295389	FITTING, elbow, street, 1/8 in., 45-deg.	4				
8	C20004	SCREW, cap	1				
9	297086	TUBE, weldment	1				
10	297100	ROD, assy	1				

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Extension wetted components: steel, brass, SST.
Hose components: nylon, steel.

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