

Chapter 6

High-Pressure Hose Assemblies

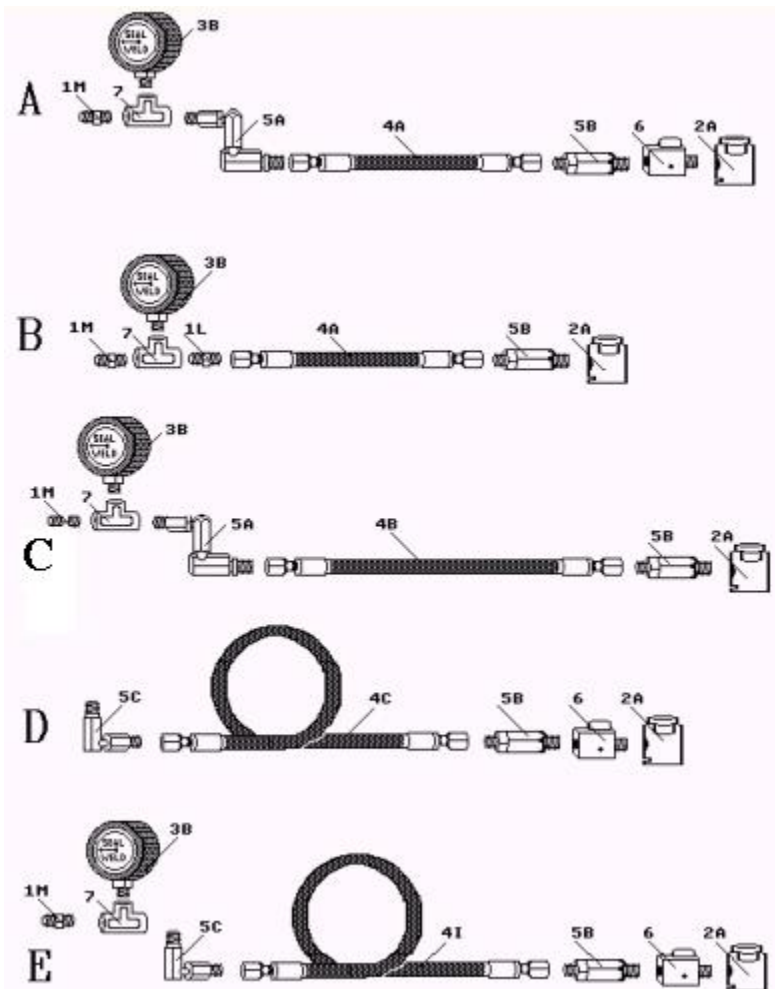
High-pressure hose assemblies should ALWAYS be kept free from grease build-up and kept in good condition. Replace all broken, leaking or damaged connections.

Make sure all components are rated for at least 5,600 PSI working pressure in order to assure a reasonable safety margin. Be EXTRA CAREFUL whenever generating pressure in excess of 10,000 PSI, at these higher pressures old hose components are at their most vulnerable.

Extra long hose assemblies may provide too much friction when pumping viscous valve sealants. This results in excessive pressure drop by the time the sealant reaches the end of the hose. This is especially true when pumping in cold climates. ALWAYS use the shortest hose possible in order to achieve maximum performance from your pump.

ALWAYS bleed off all trapped air pockets caused by reloading guns and pumps before they get into long hose assemblies. It is very easy to trap air pockets in a long hose assembly even with light grease. Be suspicious of trapped air in the hose when the pump is running properly but no grease is coming out the end of the hose.

Many high-pressure hoses are connected with special high-pressure fine hydraulic thread. Be careful not to screw the wrong thread types together as they will fail under high-pressure pumping.



Be very careful of grease escaping through the vent hose on release valve # 6. DO NOT have your thumb or fingers over the hole when closing the valve and beware of spraying grease.

High-Pressure Hoses and Accessories

Category	Item #	Description	Part #
Hose Assemblies	A	Sealweld® SuperGun®	H-S-HOSE
	B	Hydraulic Hand Gun	H-H-HOSE
	C	Uni-Seal Pump	H-U-HOSE
	D	Air Ram Bucket Gun	H-R-HOSE
	E	Sealweld® ACTIV-8® Gun	H-A-HOSE
Adapters	1A	1/8F X 1/8F Coupling	H-AD-2F2F
	1B	1/8F X 1/4F Coupling	H-AD-2F4F
	1C	1/8F X 1/2-27F Coupling	H-AD-2F7F
	1D	1/8M X 1/8M Nipple	H-AD-2M2M
	1E	1/8M X 1/4F Adapter	H-AD-2M4F
	1F	1/8M X 1/4M Adapter	H-AD-2M4M
	1G	1/8M X 1/2-27F Adapter	H-AD-2M7F
	1H	1/8M X 1/2-27M Adapter	H-AD-2M7M
	1I	1/4F X 1/4F Coupling	H-AD-4F4F
	1J	1/4F X 1/4M Elbow - 90°	H-AD-4F4M-L90
	1K	1/4F X 1/2F Coupling	H-AD-4F7F
	1L	1/4M X 1/2- 27M Adapter	H-AD-4M7M
	1M	1/4M X 1/4M Nipple	H-AD-4M4M
	1O	1/4M X 1/8F Adapter	H-AD-4M2F
	1P	3/8F X 1/4M Adapter	H-AD-4M6F
	1Q	3/8F X 1/4M Elbow - 90°	H-AD-4M6F-L90
	1R	1/2-27M X 1/8F Adapter	H-AD-7M2F
	1S	7/16-27M X 1/8F Adapter	H-AD-9M2F
	1T	7/16-27M X 1/4F Adapter	H-AD-9M4F
	Couplers	2A	Sealweld® Giant Buttonhead Coupler
2B		Repair Kit for Sealweld® Coupler	H-CPSGR
2C		Sealweld® Screw-On Coupler	H-CPSO
2E		Nordstrom Coupler with Check	H-CPRG
2F		Repair Kit for Nordstrom Coupler	H-CPRGR
Low-Pressure Couplers		2G	Alemite Giant Buttonhead Coupler
	2H	Repair Kit for Alemite Giant	H-CPAGR
	2I	Alemite Small Buttonhead Coupler	H-CPAS
	2J	Repair Kit for Alemite Small	H- CPASR
	2K	Alemite Small Coupler without Adapter	H-CPAS-B
	2L	Lincoln Small Buttonhead Coupler	H-CPLS
	2M	Lincoln Small Coupler without adapter	H-CPLS-B
	High-Pressure Gauges	3A	Sealweld® 15,000 PSI Gauge
3B		15,000 PSI Gauge with Guard	H-GD-01C
3C		Gauge Guard 2.5"	H-GG-2.5

Category	Item #	Description	Part #
Hoses Call Sealweld@ for pricing and availability of these items	4A	18" High-Pressure Hose	H-HS-18"XHP
	4B	28" High-Pressure Hose	H-HS-28"XHP
	4C	10 foot High-Pressure Hose	H-HS-120XHP
	4D	5 foot High-Pressure Hose	H-HS-60XHP
	4E	15 foot High-Pressure Hose	H-HS-180XHP
	4F	20 foot High-Pressure Hose	H-HS-240XHP
	4G	30 foot High-Pressure Hose	H-HS-360XHP
	4H	18" Low-Pressure Hose - 1/8"	H-HS-18"LP
	4I	10 foot x 3/8" High-Pressure Hose	H-HS-120HP
	Swivels	5A	"Z" Swivel 1/4 X 1/2-27
5B		Straight Swivel 1/4 X 1/2-27	H-SV-ST1
5C		"L" Swivel 1/4 X 1/2-27	H-SV-L1
5D		Straight Swivel 1/4 X 1/4	H-SV-ST2
5E		Straight Swivel 1/8 X 1/2-27	H-SV-ST3
Release Valve	6	1/4M X 1/4F	H-RVAB
Tee	7	1/4 X 1/4 X 1/4	H-T-444

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