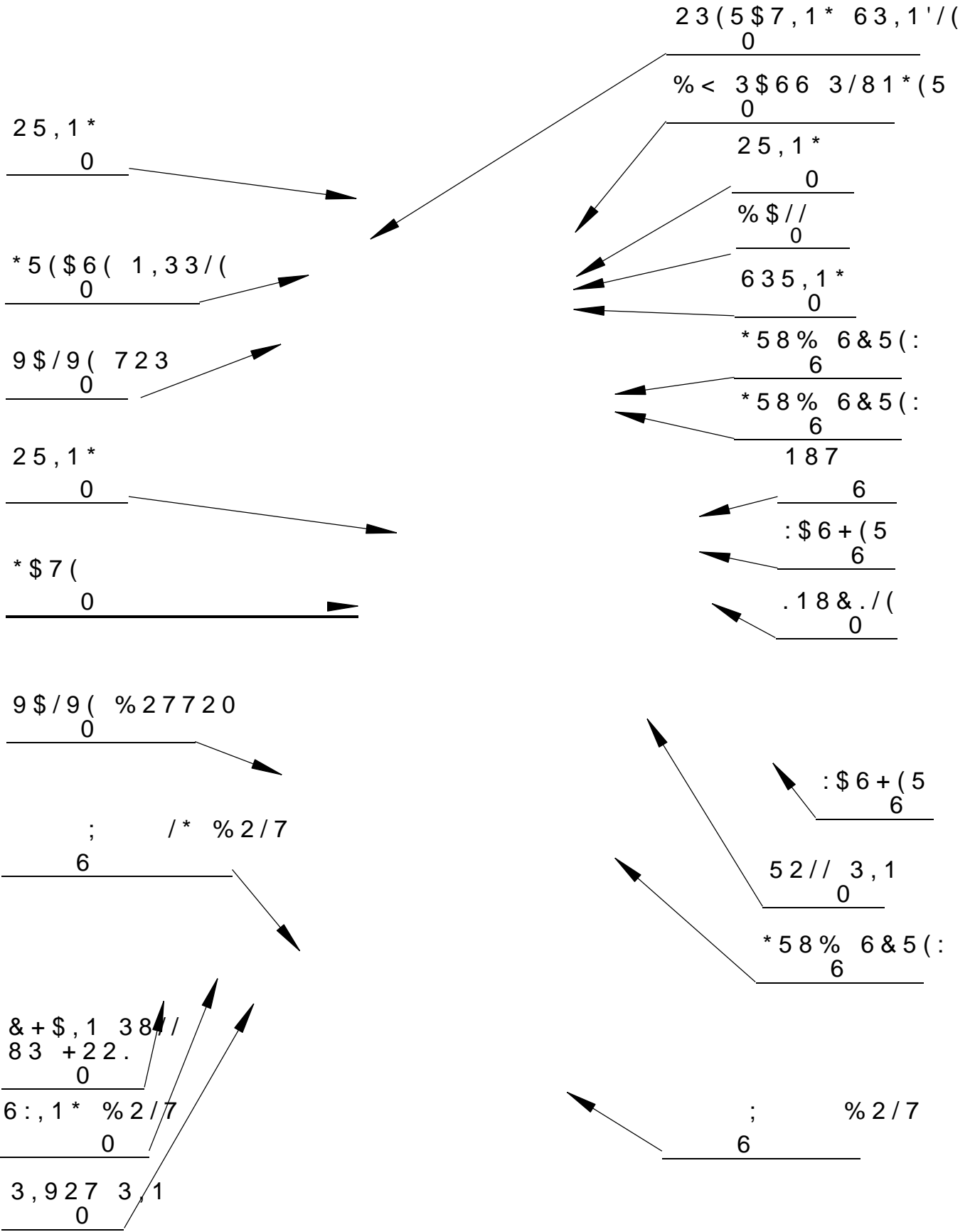


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Parts List: Enhanced System	
Part #	Description
46-A0001	ALH Control Valve
46-A0013	3" - 12" Chain Assembly
46-A0003A	3" Saddle
46-A0003	4" Saddle
46-A0005	6" Saddle
46-A0007	8" Saddle
46-A0010	12" Saddle
46-A0012	Valve Wrench
46-A0014	Chain Steady Wrench
46-A4500	1/2" - 2 1/2" Drilling Head
46-M4162	Ratchet Lever for ALH 2 1/2"
46-M2177	Shaft Collar
46-M2176	N y l o n " O n Shaft Collar
46-A0017	T-Handle Hex Wrench
46-A0018	Plug Fitting Canopy
46-1079000	Magnetic Plug Fitting Spindle
46-1070005	3/4" Plug Carrier
46-1070004	1" Plug Carrier
46-1070002	1 1/4" Plug Carrier
46-1070003	1 1/2" Plug Carrier
46-1070006	2 Plug Carrier
46-1070007	2 1/2" Plug Carrier
46-A0020	Plug Carrier Hex Wrench
46-LMWT	Laminated Magnetic Warning Tag
46-B0260	Machine Steel 3/4" NPT Tap
46-B0261	Machine Steel 1" NPT Tap
46-B0262	Machine Steel 1 1/4" NPT Tap
46-B0263	Machine Steel 1 1/2" NPT Tap
46-B0264	Skip Tooth 2" NPT Tap
46-B0265	Skip Tooth 2 1/2" NPT Tap
46-A0265	3/4" Fine Tolerance Holesaw
46-A0266	1" Fine Tolerance Holesaw
46-A0267	1 1/4" Fine Tolerance Holesaw
46-A0268	1 1/2" Fine Tolerance Holesaw
46-A0269	2" Fine Tolerance Holesaw
46-A0271	2 1/2" Fine Tolerance Holesaw
46-A0259	Holesaw Box Wrench
46-B5010	Coupon Retention Magnet
46-M4163	Motor Drive Socket
46-A0028	Ingersoll Rand Air Drive
46-B5003	Wooden Box - Drilling Head
46-B5001	Wooden Box - Single Valve

**Parts List: Optional ALH System-One Components**

<b>Part #</b>	<b>Description</b>
46-006-0101	3 " System-One Silicone Gasket/Steel Mains
46-006-0102	4 " System-One Silicone Gasket/Steel Mains
46-006-0103	6 " System-One Silicone Gasket/Steel Mains
46-006-0100	8 " System-One Silicone Gasket/Steel Mains
46-A0304	1 " System-One Shell Cutter for Steel Mains
46-A0305	1 1/4" System-One Shell Cutter for Steel Mains
46-A0306	1 1/2" System-One Shell Cutter for Steel Mains
46-A0307	2 " System-One Shell Cutter for Steel Mains
46-A0308	2 1/2" System-One Shell Cutter for Steel Mains
46-045-0001	System-One Valve Top Half Casting
46-045-0002	System-One Bottom Half Casting
46-0045-0020	Shell Cutter Special Nut (for 1 1/4" ONLY)
46-0045-0021	Shell Cutter Tightening Tool (for 1 1/4" ONLY)
46-A0050	Blanking Cap
46-113-65K61	Kool-Mist Formula 77
46-115-9026	Bypass Canopy c/w Pressure & Purge Points
46-A0015	Inspection Canopy
46-M1057	System-One Saddle O-ring
46-A0009	10" System-One Saddle
46-A0072	16" System-One Saddle
46-A0073	20" System-One Saddle
46-A0074	24" System-One Saddle
46-A0034	30"- 42" System-One Saddle
46-A0035	42"- 48" System-One Saddle
46-A2900	12" - 24" Chains (192 Links)
46-A2941	24" - 36" Chains
46-A2942	42"- 48" Chains
46-A0161	1 1/4" - 1 1/2" Low Profile Plug Adaptor
46-A0112	2" - 2 1/2" Low Profile Plug Adaptor
46-S0388	Plug Carrier Cap Screw
46-S0166	Tap Retaining Grub Screw
46-M2173	Drill Head Cap Handle
46-A0040	Shaft Retaining Pin
46-S1SPK	System-One Spares Pack, Includes: 1 x Shaft Retaining Pin, 4 x Tap Snap on Shaft Collar, 3 x Chain Nut Retention Magnet, 2 x Plug Carrier Cap Screw, 1 x Valve Wrench & 1 x Aluminum Safety Shaft Collar

**Parts List: ALH System-One Repair Parts**

<b>Part #</b>	<b>Description</b>
46-M3000	Top Half casting
46-M3001	Bottom Half Casting
46-M3029	Valve Gate
46-M1058	Valve Gate (O-ring)
46-M3004	Operating Spindle
46-M1050	Operating Spindle O-ring
46-M3005	Bypass Plunger
46-M1049	Bypass Plunger O-ring
46-M3010	Bypass Viton Ball
46-M3011	Bypass Spring
46-S0127	3/16" Plunger Grub Screw (Long)
46-S0129	3/16" Plunger Grub Screw (Short)
46-M2145	Grease Nipple (1/8" BSP)
46-S0158	Cap Head Screw (Short)
46-S0159	Cap Head Screw (Long)
46-M3031	Chain Knuckle
46-M3032	Pivot Pin
46-M3007	Swing Bolt
46-M3008	Chain Pull Up Hook
46-M3009	Chain Bolt (SU)
46-S0217	5/8" Chain Nut
46-S0266	5/8" Chain Washer
46-S0271	3/4" Pivot Bar Washer
46-A0012	Valve Wrench
46-A0046	Base c/w Bronze Bushing
46-M1056	Drill Head/Canopy Base O-ring
46-M1022	Top Bush O-ring
46-M2177	Shaft Collar
46-045-0008	Shaft Collar/Pin Protector
46-M2176	Shaft Collar Snap On Nylon "C"
46-M4155	Shaft Locking Thumbscrew
46-M2173	Cap Handle
46-A0041	Drill Head Cap c/w Handles
46-A0045	Drill Shaft
46-M4112	Shaft Bearing Unit
46-A0040	Shaft Retaining Pin
US-10631	% " x % " B a l l V a l v e M / F
46-S0126	Top Bush Grub Screw
46-S0166	Tap Retaining Grub Screw
46-M1052	Canopy Shaft O-ring
46-M1057	Saddle O-ring (All Sizes)

<b>Parts List: ALH Mueller Tee Insertion Tooling</b>	
<b>Part #</b>	<b>Description</b>
<b>3/4" Mueller Tee Carrier System</b>	
46-52/0001	3/4" Tee Carrier
46-52/0002	3/4" Torque Hood
46-52/0003	1" NPT Ball Valve for 3/4" Set
46-52/0004	3/4" Withdrawal Canopy
46-52/0005	3/4" Withdrawal Shaft
46-52/0006	3/4" Retaining Spindle
46-52/0007	O-Ring 200-012 for 3/4" Spindle
46-52/0008	O-Ring 200-119 for 3/4" Canopy
46-52/0009	3/4" Completion Plug Removal Adapter
46-A0021	Complete 3/4" Mueller Tee Carrier System
<b>1 1/4" Mueller Tee Carrier System</b>	
46-52/0010	1 1/4" Tee Carrier
46-52/0011	1 1/4" Torque Hood
46-52/0012	1 1/4" Withdrawal Shaft
46-52/0013	1 1/4" Withdrawal Canopy
46-52/0014	1 1/4" Retaining Spindle
46-52/0015	1 1/2" NPT Ball Valve for 1 1/4" Set
46-52/0016	O-Ring 200-014 for 1 1/4" Canopy
46-52/0017	O-Ring 200-124 for 1 1/4" Spindle
46-A0022	Complete 1 1/4" Mueller Tee Carrier System
<b>2" Mueller Tee Carrier System</b>	
46-52/0025	2" Tee Carrier
46-52/0018	2" Torque Hood
46-52/0019	2" Withdrawal Shaft
46-52/0020	2" Withdrawal Canopy
46-52/0021	2" Retaining Spindle
46-52/0022	2" NPT Ball Valve
46-52/0023	O-Ring 200-116 for 2" Spindle
46-52/0024	O-Ring 200-124 for 2" Canopy
46-52/0026	O-Ring 200-325 for 2" Tee Carrier
46-A0023	Complete 2" Mueller Tee Carrier System