

ALL PARTS ARE ORDER QUANTITY 1 UNLESS OTHERWISE SPECIFIED IN THE DESCRIPTION.

Part Number	Part Name	Description	QTY On Pump
4000	Pump Assy 4x4x10		
4001	Bulkhead	Phosphate Coated Steel	1
4001.01	Bolt-Bulkhead to Frame	Grade 8	4
4001.02	Washer-Bulkhead to Frame	F436	8
4001.03	Nut-Bulkhead to Frame	2H	4
4002	Fluid End	Cast Iron	2
4002.02	Stud-Fluid End to Bulkhead Double Ended	B7	8
4002.03	Washer-Fluid End to Bulkhead	F436	8
4002.04	Nut-Fluid End to Bulkhead	2H	8
4002.05	Fluid End Plug	1 Inch Threaded Plug	2
4003	Valve Body	Cast Iron	4
4003.02	Valve Seat	Steel. Sold With 1 Set Of Plugs Installed	4
4003.02P	Valve Rod Retaining Plug Set For Valve Seat	Viton. Sold As 1 Set For 1 Valve Seat	4
4003.03	Valve Cap	Steel. Sold With 1 Set Of Plugs Installed	4
4003.03P	Valve Rod Retaining Plug Set For Valve Cap	Viton. Sold As 1 Set For 1 Valve Cap	4
4003.04	O-Ring, Valve Seat	Viton	4
4003.05	O-Ring, Valve Cap	Viton	4
4003.06	Valve Keeper Rod	Steel	8
4003.07	Valve Ball	PTFE	4
4003.08	Victaulic Clamp #77	Clamp With Bolts and Nitrile Gasket Assy	16
4003.09	Victaulic Gasket	Nitrile	16
4003.09V	Victaulic Gasket	Viton (Special Order)	16
4003.10	Complete Valve Assembly	Assembled Pump Ready Valve	4
4004	Redundant Seal Gland	Stainless Steel	2
4004.01	O-Ring, Redundant Seal Gland	Viton	2
4004.02	Wiper Seal	Polymte	2
4004.04	Redundant Seal Gland Bolt and Washer Set	Stainless Steel. 4 Bolts & Washers Per Set	2
4005	Inspection Cover	Phosphate Coated Steel	2
4005.01	O-Ring, Inspection Cover	Viton	2
4005.04	Stud-Inspection Cover Set	B7. Sold As A Set of 4	2
4005.05	Nut-Inspection Cover	2H	8
4005.06	Locking Washer-Inspection Cover	Steel	8
4005.07	Inspection Cover Plug	Threaded Plug With O-Ring	2
4011	Cleanout Cover-Fluid End	Phosphate Coated Steel	2
4011.01	O-Ring, Bottom Clean Out Cover	Viton	2
4012	Cleanout Clamp-Fluid End	Steel Assy With Bolt & Nuts	2
4012.01	Bolt-Cleanout Clamp	B7. Assy With Nuts	2
4013	Product, Piston	Steel. Does Not Come With Seals	2
4013.01	Seal-Vacuum Piston V	Polymte & Viton	2
4013.02	Seal-Pressure Piston V	Polymte & Viton	2
4013.03	Seal-Vacuum Piston S/S	Polymte & Stainless Steel Spring	2
4013.04	Seal-Pressure Piston S/S	Polymte & Stainless Steel Spring	2
4013.05	O-Ring, Product Piston	Viton	2
4013.06	Nut-Product Piston	Grade 8. Castle Nut	2
4013.07	Cotter Pin	Stainless Steel	2
4015	Product Cylinder	Chrome Plated Steel	2
4015.01	O-Ring Product Cylinder	Viton	4
4016	Product Cylinder Assembly	Pump Ready Piston and Cylinder W/Caps	2
4018	Crossover Tube Assembly	Does Not Come With Bulkhead Fittings	1
4018.01	Crossover Tube Bulkhead Fitting	Steel	2

4018.02	Crossover Tube HYD 90° Fitting	Steel	2
4018.03	Crossover Tube Brass Fitting	Brass	2
4018.04	Crossover Tube	Polyethylene	1
4100	Frame Assembly	Steel	1
4200	Confluence "T"	Steel. Suction Or Discharge	2
4201	Victaulic 90	Steel	4
4300	Complete Hydraulic Cylinder Assy Right Or Left	Please Specify L Or R	2
4300.02	Seal Kit, Hydraulic Cylinder With Piston Rings	Includes Seals Listed Below. 1 Per HYD CYL	2
	O-Ring, Top & Bottom Cap	Buna.X2	
	Back-Up Ring-Top & Bottom Cap	Buna.X2	
	O-Ring, Bronze Bushing	Viton.X1	
	Back-Up Ring-Bronze Bushing	Buna.X1	
	Pressure Seal-Bronze Bushing	Resilon.X1	
	Wiper Seal-Bronze Bushing	Polymte.X1	
	O-Ring, Redundant Seal Gland	Viton.X1	
	Wiper Seal-Redundant Seal Gland	Polymte.X1	
	HYD Piston Rings	Cast Iron.X4	
4300.03	Nut-HYD CYL Hold Down	Steel	8
4300.04	Washer-HYD CYL Hold Down	F436	8
4300.05	Stud-HYD CYL Hold Down	B7	8
4301	Hydraulic Cylinder Flange	Phosphate Coated Steel	2
4302	Chrome Rod-Hyd Cylinder	Assembled With HYD Piston	2
4303	Stud-HYD Cylinder	B7	8
4303.01	Nut-Top Of HYD CYL	2H	8
4303.02	Washer- Top Of HYD CYL	F436	8
4304	Top Cap HYD CYL	Phosphate Coated Steel	2
4305.01	O-Ring, Top & Bottom Cap	Buna	2
4304.02	Back up Ring-Top & Bottom Cap	Buna	2
4305	Bottom Cap HYD CYL	Phosphate Coated Steel	2
4305.01	O-Ring, Top & Bottom Cap	Buna	2
4304.02	Back up Ring-Top & Bottom Cap	Buna	2
4306	Bronze Bushing	Bronze	2
4306.01	O-Ring, Bronze Bushing	Viton	2
4306.02	Backup Ring-Bronze Bushing	Buna	2
4306.03	Pressure Seal-Bronze Bushing	Resilon	2
4306.04	Wiper Seal-Bronze Bushing	Polymte	2
4307	HYD CYL Piston Ring	Cast Iron. Sold As A Set Of 4	4
4309	Hydraulic Cylinder	Steel	2
4309.02	HYD To GCB Block 90° Fitting	Steel	2
4309.04	GCB Block	Aluminum	2
4309.05	Check Valve		2
4500	Black Box, Manifold	Aluminum	1
4500.02	Check Valve Location In Black Box 6 & 7		2
4500.03	Check Valve Location In Black Box 8 & 9		2
4500.04	Check Valve Location In Black Box 4 & 5		2
4500.05	Bolt-Control Valve To Black Box	Steel	6
4500.06	Lock Washer-Control Valve To Black Box	Steel	6
4500.07	Control Valve	Steel. Large Valve On Black Box	1
4500.08	Pilot Valve	Steel. Small Valve On Control Valve	1
4500.09	"T" Fitting on Pilot Valve	Steel,Buna	2
4500.10	Black Box To Bulkhead Bracket	Steel	2
4500.11	Bolt-Black Box To Bracket	Steel	4
4500.12	Lock Washer-Black Box To Bracket	Steel	4

4500.13	Bolt-Pilot To Control	Steel	4
4500.14	Bolt-Black Box Bracket To Bulkhead	Steel	4
4500.15	Washer-Black Box Bracket To Bulkhead	Steel	4
4501	Pilot & Control Valve Assembly	Comes With "T" Installed	1
4600	COMPLETE HOSE SET	No Fittings	1
4601	Black Box Location B To Right HYD CYL Top Block Hose		1
4601.01	Straight Adapter In Black Box Location B		1
4601.02	Top Cap Fitting		2
4601.03	45° Adapter		1
4602	Bottom HYD Block Crossover Hose		1
4602.01	HYD CYL Bottom Block Straight Fitting		2
4603	Black Box P To Frame Connection Hose		1
4603.01	Pressure And Tank Frame Adapter		1
4603.02	Pressure Side Frame Fitting		1
4603.03	Pressure Side Frame "T"		1
4603.04	Block Box P Fitting		1
4604	Black Box T To Tank Side Frame Hose		1
4604.01	Black Box T Fitting		1
4604.02	Frame Side Tank Fitting		1
4605	Black Box Location A To Left HYD CYL Hose		1
4601.01	Straight Adapter In Black Box Location A		1
4606	Black Box Location PA&PB To Both HYD Top Bung		2
4606.01	Top HYD CYL Bung Fitting		1
4606.02	Black Box Location PA&PB Fitting		1
4607	Left Pilot "T" To Black Box location X Hose		1
4607.01	Black Box Location X Fitting		1
4608	Right HYD CYL GCB Block To HYD Bottom Fitting Hose		1
4608.01	Right HYD CYL Bottom Block Small Fitting		1
4608.02	Right HYD CYL GCB Block Fitting		1
4609	Left HYD CYL GCB Block To HYD Bottom Fitting Hose		1
4609.01	Left HYD CYL Bottom Block & GCB Block Small Fitting		1
4610	Right Pilot "T" To Black Box Location Y Hose		1
4610.01	Black Box Location Y Fitting		1