



lubecore™

2016 ALS Delivery System Component Catalogue

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NEXT GENERATION AUTOMATED LUBRICATION

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EPO PARALLEL LINE SYSTEM DELIVERY COMPONENTS

Part#	Description	Typical Usage
11.004	4 Port Manifold	
11.006	6 Port Manifold	Holland Fifth Wheel
11.007	7 Port Manifold	
11.008	8 Port Manifold	Fontaine Fifth Wheel
11.009	9 Port Manifold	
11.014	14 Port Manifold	
11.018	8 Port Manifold	Axle Manifold Flat Mounting
50.031	5"Trailer Axle Manifold Assembly	
50.552	5 3/4"Trailer Axle Manifold Assembly	
50.553	6"Trailer Axle Manifold Assembly	
50.615	8 Port Flat Mounting Manifold Assembly	
11.100	#0 - EPO Injector	Release Bearing Small Heim Joint
11.101	#1 - EPO Injector	Clevis Pin Small Cylinder Transmission Linkage
11.102	#2 - EPO Injector	Tierod End Short Cam Tube Fifth Wheel Pivots Linkages Cylinder Ends Product Pump Bearing
11.103	#3 - EPO Injector	Saddle & Pillow Bearings
11.104	#4 - EPO Injector	Spinners King Pins
11.108	#8 - EPO Injector	
11.109	#9 - EPO Injector	
11.029	EPO Injector Olive	
11.030	EPO Injector Nut	



11.004



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11.009



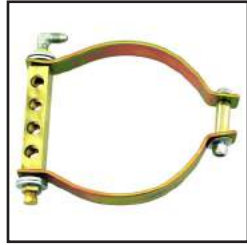
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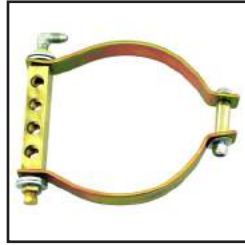
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EPO PARALLEL LINE SYSTEM DELIVERY COMPONENTS

Part#	Description	Fitting Type	Male Thread	Thread Type	Material
21.002	8 MM Mainline Fittings	Tee Compression			Brass
21.004		Elbow Compression	1/4 - 19	BSPT	
21.005		Straight Compression			
21.035		Straight Compression	1/8 - 28		
21.245		Elbow Compression			
21.113		Straight Compression	1/4 - 19		
21.114		Elbow Compression			
11.110		Injector Manifold Plug			
21.006		Manifold End Plug		1/4 - 18	NPT
21.066	Plug		1/8 - 27	NPT	Brass

Part#	Fitting Type	Male Thread	Thread Type	Male Thread	Female Thread	Female Thread	Thread Type	Material
21.072	8 Port Manifold Trailer Axle Assembly	1/4 - 18	NPT			1/8 - 27	NPT	Steel
21.085	8 Port Manifold Flat Bracket Assembly	1/4 - 18	NPT			1/8 - 28	BSPT	Steel

Part#	Fitting Type	Male Thread	Thread Type	Material
21.009	37° #4 - Straight Male	1/8 - 18	NPT	Steel
21.011	37° #4 - 90° Elbow Male	1/8 - 18	NPT	Steel
21.010	37° #4 - Straight Male	1/4 - 27	NPT	Steel
21.012	37° #4 - 90° Elbow Male	1/4 - 27	NPT	Steel
21.111	37° #4 - 45° Elbow Male	1/4 - 18	NPT	Steel

Part#	Fitting Type	Tool Require	Use	Material
20.236	5mm - Straight Stud	S18	30.200 - Korilla - 8.6 x 4.0 Unfilled 30.250 - Korilla - 8.6 x 4.0 Filled	Steel
21.247	8mm - 37° #4 JIC Straight Female	S18		Steel
20.232	9.5mm - SS Clamp	S18	S1 > S8	Stainless
21.240	9.5mm - 37° #6 JIC Straight Female	S18	SAE 100R8-06 Synflex 3/8 Unfilled	Steel
20.233	11.9mm - SS Clamp		S9 > S11	Stainless



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EPO PARALLEL LINE SYSTEM DELIVERY COMPONENTS

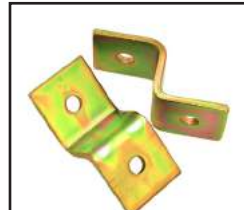
Part#	Description	Typical Usage
40.016	8 Port Flat Bracket	WALTCO Tailgate, HEIL Rapid Rail
40.026	5th Wheel Angle Mounting	Fontaine Fifth Wheel Mounted EPO Manifolds
40.058	Off-set bracket	HEIL Rapid Rail, Etc
40.018	"Z" Bracket - Short	Special Application Offset Manifold Mounting
40.023	"Z" Bracket - Long	
40.006	5" Trailer Axle Clamps (2 Required)	Axle Clamping Brackets
	5.75" Trailer Axle Clamps (2 Required)	
40.017	6" Trailer Axle Clamps (2 Required)	
40.029	Spacer Tube	5 - 3/4" Trailer Axle Manifold Mounting
40.007		5 & 6" Trailer Axle Manifold Mounting
40.008	Mainline Tee	From Trailer Body To Axle Mounted Manifolds
40.057	Mainline Tee Angled	HEIL Rapid Rail
40.239	Mainline Extended Access	Fassi 410FX Forming Crane



40.016



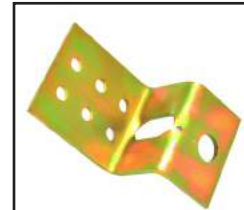
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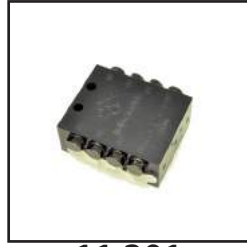
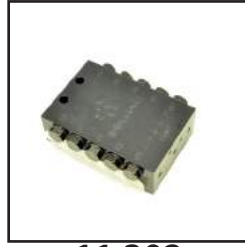
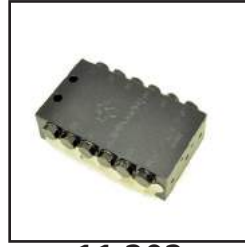
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EP2 PROGRESSIVE SYSTEM DELIVERY COMPONENTS

Part#	Description	Typical Usage
11.300	6 Port Distributor Block	Progressive System Layout Dependant
11.301	8 Port Distributor Block	
11.302	10 Port Distributor Block	
11.303	12 Port Distributor Block	
11.297	14 Port Distributor Block	
11.299	18 Port Distributor Block	
40.203	6 Port Mounting Plate	Bolt On, Weld On Glue On Progressive Distributor Mounting Plate
40.204	8 Port Mounting Plate	
40.206	10 Port Mounting Plate	
40.208	12 Port Mounting Plate	
40.210	14 - 18 Port Mounting Plate	
41.120	82 Degree Flat Counter Sink Bolt 3/8" x 1.5"	Mounting Plate Bolt
40.032	Distributor Block Torque Plate	Distributor Mounting Bolt Sets
54.803	Distributor Mounting Plate Hardware Kit	
54.804	Distributor "Z" Bracket Mounting Kit	
40.018	"Z" Bracket - Short	Progressive Distributor Mounting & Doubling Bracket
40.023	"Z" Bracket - Long	
40.238	Progressive Distributor Mounting Post	Trailer Axle Mounting / Upright Mounting Plate
40.006	5" Trailer Axle Clamps (2 Required)	Axle Clamping Brackets
	5.75" Trailer Axle Clamps (2 Required)	
40.017	6" Trailer Axle Clamps (2 Required)	
54.094	5" Trailer Axle Progressive Mounting Assembly	
40.029	Spacer Tubes	5 - 3/4" Trailer Axle Manifold Mounting
40.007		5 & 6" Trailer Axle Manifold Mounting


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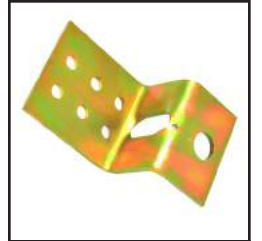
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40.238

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40.007

EP2 PROGRESSIVE SYSTEM DELIVERY COMPONENTS

Part#	Description	Fitting Type	Male Thread	Thread Type	Material
20.208	6mm Fittings	Straight Compression	1/8 - 28	BSPT	Steel
20.207		Elbow Compression			
20.201		Straight Push To Connect			
20.200		Elbow Push To Connect			
20.218		Elbow Swivel Push To Connect			

Part#	Fitting Type	Male Thread	Thread Type	Material
21.009	37° #4 - Straight Male	1/8 - 18	NPT	Steel
21.011	37° #4 - 90° Elbow Male	1/8 - 18	NPT	Steel

Part#	Fitting Type	Tool Require	Use	Material
20.236	5mm - Straight Stud	S18	30.200 - Korilla - 8.6 x 4.0 Unfilled 30.250 - Korilla - 8.6 x 4.0 Filled	Steel
21.247	8mm - 37° #4 JIC Straight Female	S18		Steel
20.232	9.5mm - SS Clamp	S18	S1 > S8	Stainless
20.233	11.9mm - SS Clamp		S9 > S11	Stainless

Part#	Description	Thread	Length		Thread	Material
			Inches	MM		
41.192	 Socket Head Machine Cap Screw	1/4 - 20	1.5"	38	NC	Steel
41.030			1.75"	44.45		
41.031			2"	50.8		
41.032			3.25"	82.55		
41.151		1/4 - 28	1.5"	38	NF	
41.152	2"		50.8			
41.007	 Plated Hex Bolt	1/4 - 20	1.75	44.45	NC	
41.025			1.75"	44.45		
41.015			2"	50.8		
41.012			2.5"	63.5		
41.090			2.75"	69.85		
41.086			3.5"	88.9		
41.004	Flat Washer	1/4"				Steel
41.099	Flat Washer Plated					
41.013	Nyloc Plated Nut					
41.096	Lock Washer					
41.115				S.S.		
41.029	Lock Washer	6mm	Used with 40.238 & 54.094			
41.124	Nyloc Nut					



20.208



20.207



20.201



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21.009



21.011



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20.232



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21.233

Part#	Description	Functions & Program	Typical Usage
20.204	Check Valve Complete	6 MM x M10 - 1.0	Installed In Progressive Distributor Blocks When Using 6mm Nylon Line or 6mm Korilla Inserts
20.210	Check Valve Body	6 MM x M10 - 1.0	
20.235	Olive	6 MM Steel	
20.234	Compression Nut		
20.212	Check Valve Complete	5 MM x M10 - 1.0	Installed In Progressive Distributor Blocks When Using 5mm Nylon Line or 5mm Korilla Inserts
20.211	Olive	5 MM Brass	



20.204



20.210



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20.210




20.211



20.234

EP2 SINGLE LINE DISTRIBUTOR (SLD) SYSTEM COMPONENTS

Part#	Description	Typical Usage	
11.500	SLD - Starting Block	Used in Combinations upto 10 Blocks for EP2 High Pressure Heavy Equipment	
11.501	SLD - Centre Block		
11.502	SLD - End Block		
11.205	2 Port Collector Block	Used to Combine Delivery Ports on a SLD Assembly to Achieve Greater Lubrication Delivery	
11.206	3 Port Collector Block		
11.207	4 Port Collector Block		
11.208	Collector Banjo Bolt	Used to connect Collector Blocks to SLD Assemblies	
11.209	Collector Block Copper Crush Seals		
11.210	Steel Collector Block Plugs	1/8"	NPT
11.211		1/16"	NPT
11.504	SLD Mounting Brackets	304 SS	
11.515		Plated Steel	

Part#	Description	Used to Combine	Thread	Length	Thread Type	Material
11.505		1 Block	1/4 - 20	1"	NC	Steel
11.506		2 Blocks		1 - 9/16"		
11.507		3 Blocks		2 - 9/16"		
11.508		4 Blocks		3 - 9/16"		
11.509		5 Blocks		4 - 11/16"		
11.510		6 Blocks		5 - 1/2"		
11.511		7 Blocks		6 - 11/16"		
11.512		8 Blocks		7 - 1/2"		
11.513		9 Blocks		8 - 11/16"		
11.514		10 Blocks		9 - 11/16"		

Part#	Fitting Type	Male Thread	Thread Type	Material
21.010	37° #4 - Straight Male	1/4 - 18	NPT	Steel
21.214	37° #6 - Straight Male	1/4 - 18	NPT	Steel
21.111	37° #4 - 45° Elbow Male	1/4 - 18	NPT	Steel
21.112	37° #6 - 45° Elbow Male	1/4 - 18	NPT	Steel
21.011	37° #4 - 90° Elbow Male	1/4 - 18	NPT	Steel
21.012	37° #4 - 90° Elbow Male	1/4 - 18	NPT	Steel
21.215	37° #6 - 90° Elbow Male	1/4 - 18	NPT	Steel



11.500



11.501



11.502



EXAMPLE



11.205



11.206



11.207



11.208



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11.210



11.211



11.504



11.515



21.010



21.214



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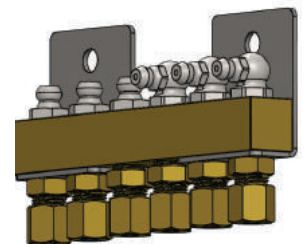
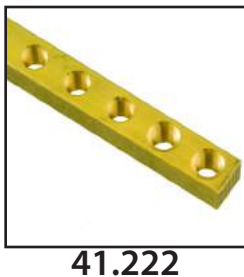
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EP2 SINGLE LINE DISTRIBUTOR (SLD) SYSTEM COMPONENTS

Part#	Fitting Type	Tool Require	Use	Material
21.247	8mm - 37° #4 JIC Straight Female	S18		Steel
20.232	9.5mm - SS Clamp	S18	S1 > S8	Stainless
21.240	9.5mm - 37° #6 JIC Straight Female	S18	SAE 100R8-06 Synflex 3/8 Unfilled	Steel
20.233	11.9mm - SS Clamp		S9 > S11	Stainless


MANUAL REMOTE SYSTEM COMPONENTS

Part#	Description	Typical Usage
41.222	24" Cut to Length Manual Manifold Bar 32 Ports	Manual Remote Greasing
40.089	Manual Manifold Bank Bracket SS	
21.252	1/8 BSP Straight Grease Zerk	
21.253	1/8 BSP 90 Elbow Grease Zerk	



OILING SYSTEM COMPONENTS

Part#	Description	Typical Usage
35.040	4 Port Oil Manifold	Gear Pump Modular Series Pump Pneumatic Pump
35.041	5 Port Oil Manifold	
35.042	6 Port Oil Manifold	
35.043	7 Port Oil Manifold	
35.044	8 Port Oil Manifold	
35.045	9 Port Oil Manifold	
35.046	10 Port Oil Manifold	
35.047	12 Port Oil Manifold	


35.040

35.041

35.042

35.043

35.044

35.045

35.046

35.047

35.020

10.092

Part#	Description	Fitting Type	Male Thread	Thread Type	Material
10.092	4 mm Tube & Line Fittings	Tube Insert	1/8 - 28	BSPT	Brass
20.034		Straight Compression	1/8 - 28	BSPT	Steel
20.036		Union			Steel
20.050		Straight Compression	1/8 - 27	NPT	Brass
20.051		Elbow Compression	1/8 - 28	BSPT	Steel
35.020		Straight Compression Check Valve	1/8 - 28 x M8 - 1.0	BSPP Metric	Brass
35.066		Push "Y" Connector			Plastic


20.034

20.036

20.050

20.051

35.066

SYSTEM TUBING, LINING & PIPE

Part#	Style	Tube & Lining Size				Material	General Usage	
		OD		ID				Length
30.018	Single	4 mm	5/32th	0.85 mm		100'	Nylon	Vogel
30.003	Single	5 mm	3/16th	2.6 mm		100'	Nylon	EP0
30.004	Double							
30.013	Triple							
30.017	Single	6 mm	1/4"	3 mm		100'	Nylon	EP2
30.255	Double							
30.208	Triple							
30.005	Single	8 mm		5 mm		500' / Per Foot	HP Nylon	EP0
30.250	Single	8.6 mm		4 mm		164'	Korilla	Universal
30.204	Single	11.3 mm		6.3 mm		Per Foot	Korilla	Universal
30.254	Single					Per Foot Filled**	Korilla	Universal
32.213	Single				3/8	Per Foot	Synflex	EP2 Above 30C / 86F
30.210	Single				1/4	Per Foot*	Single Braid	Progressive - SLD
30.261	Single				3/8	Per Foot*	Double Braid	Progressive - SLD
30.020	Single		3/16			25'	Cupro Nickel	Universal
30.022	Single		1/4			25'	Cupro Nickel	Universal
30.025	Single		5/16			25'	Cupro Nickel	Universal
30.027	Single		3/8			25'	Cupro Nickel	Universal
30.028	Single	6mm				25'	Cupro Nickel	Universal
30.029	Single	6mm				25'	MIL Spec. Steel	Progressive
30.203	Single	10mm		3mm		5' / Inch	Steel	Progressive
20.206	Single		1/2				Steel	Universal
30.012	Single		3/8				Vinyl	Gear Pump Over Flow & Testing



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30.012

