



# lubecore™

## 2016 ALS Control Systems Catalogue

LIPC16.010-03/15/16



**NEXT GENERATION AUTOMATED LUBRICATION**

## Document Information

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# Contents Manual

2	DOCUMENT INFORMATION & DISCLAIMER
4 - 5	CONTROLLERS
6 - 7	SWITCHES, PROXIMITY SENSORS & CONTROL VALVES
8 - 9	VALVES
10 - 11	ELECTRICAL HARNESSSES & MOTORS
12 - 13	GAUGES
12 - 13	PNEUMATIC PUMP VALVES
12 - 13	LINE & CHECK VALVES

Part#	Description	Voltage	Functions & Program	Typical Usage
12.015	Low Cost Timer	10 - 30 VDC	ON / OFF	Van, Cube, Truck, Tractor
12.016	Mk 2 Timer	10 - 30 VDC	LL,PS,CC - Minutes	
12.036	HD Timer	10 - 30 VDC	LL,PS,CC - Minutes	
12.011	Mk 1 Timer	24 VDC	LL,PS,CC - Minutes <b>LIMITED QUANTITIES</b>	Heavy Equipment
12.001	Timer Interface	10 - 30 VDC		Programming Tool
12.057	External Mount Timer	10 - 30 VDC	LL - Minutes <b>SPECIAL ORDER</b>	Heavy Equipment
12.064	Lincoln Replacement Timer	10 - 30 VDC	Minutes <b>SPECIAL ORDER</b>	P203 Series Pump
54.213	Mk 2 Progressive Timer ( Complete )	10 - 30 VDC	LL - Minutes	Truck, Tractor, Trailer
54.214	Mk 2 Progressive Timer	10 - 30 VDC	LL - Minutes	
12.060	OMRON Panel Timer	12 - 48 VDC	0.05 Sec. > 300 Hrs. Both On & Off Times <b>SPECIAL ORDER</b>	Quint Pumps - Process Manufacturing Panel
12.061	OMRON Panel Timer Mount			
40.116	OMRON Mounting Bracket			
50.775	Dual Timer Control Module - Complete		<b>SPECIAL ORDER</b>	Controls Two Timers Connected To One ALS Using The 21.237 Diverter Valve
13.255	Cycle Counter, Nonadjustable,	12 VDC	<b>SPECIAL ORDER</b>	Records Number of Cycles Performed
	System Operations Monitor	24 VDC	<b>SPECIAL ORDER</b>	Records Number of Cycles Performed
50.575	Hammer Kit Controller	24 VDC	<b>SPECIAL ORDER</b>	Demolition Hammer Control
13.235	Power Supply DIN Rail	15 Watts 24 VDC 6 Amp	110 - 220 VAC in <b>SPECIAL ORDER</b>	Process Panel Manufacturing
	Independent Power Supply Module	12 VDC	<b>SPECIAL ORDER</b>	Trailer Timer Power Supply
54.238	5 Wire Diode Bridge	12 - 24 VDC	5 Power sources into 1	Constant Power From Nose Plug Or Trailer Junction Box
13.153	Relay, Bosch, c/w Diode	12 VDC		
13.136	Relay, Bosch, c/w Diode	24 VDC		
13.137	Connector, Bosch w/tab for 5 pole relay			
13.124	Crimp Terminal Non-Insulated Female Spade w/Lock Tab			



**12.015**



**12.016**



**12.036**



**Limited Quantities**

**12.011**

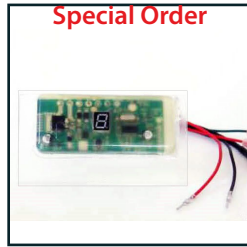


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**Special Order**

**12.057**



**Special Order**

**12.064**



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**54.214**



**Special Order**

**12.060**



**Special Order**

**12.061**



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**Special Order**

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**Special Order**

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**Special Order**

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**Special Order**

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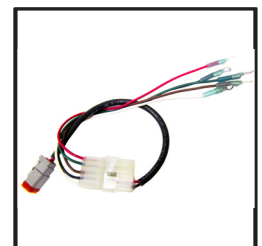
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**Special Order**

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**54.238**



**13.153**



**13.136**

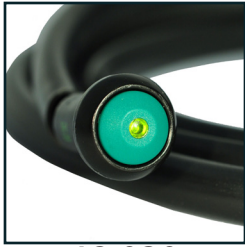
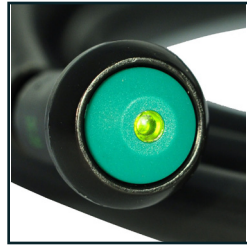


**13.137**



**13.124**

Part#	Description	Action	Specifications	Typical Usage
12.030	Green In Cab Test Light	12 - 24 VDC	1.8 M / 6'	12.016 12.036 12.060 Timers
50.441	Green In Cab Test Light Kit Butt			
50.587	Green In Cab Test Light Kit Deutsch			
12.037	Red In Cab Test Light			
50.454	Red In Cab Test Light Kit			
13.060	On/Off Toggle Switch	12 VDC		
13.088	Solenoid	12 VDC		12.016 12.036 12.060 Timers
50.005	Solenoid Replacement Kit			
50.188	Solenoid Kit			
13.090	Solenoid	24 VDC		12.016 12.036 12.060 Timers
50.184	Solenoid Kit			
10.104	Pressure Switch	N.O.	40 Bar / 580 Psi	EP0 Pneumatic & Gear Pump
10.105	Pressure Switch ( Manifold )		25 Bar / 363 Psi	
10.204	Pressure Switch		100 Bar / 1450 Psi	SLD
10.136	Pressure Switch			
50.072	6 Kg Low Level Switch	Mechanical	Normally Closed ( NC )	6 Kg Pneumatic Pump with Bottom Spring 12.016 & 12.036 Timers
50.071	4 Kg Low Level Switch		Normally Closed ( NC )	4 Kg Pneumatic Pump with Bottom Spring 12.016 & 12.036 Timers
10.111	Low Level Switch		Normally Closed ( NC )	Pneumatic Pump Low Level Switch
10.112	4 Kg Low Level Switch Adapter			
10.205	6 Kg Low Level Switch Adapter			
12.045	Sensor, LOWL		4 Kg Bottom 4 & 6 Kg Top Spring	Modular Progressive Modular MLP Spyder Modular Gear Pump 20 Kg Maxi Modular
12.048	Sensor, LOWL		6kg Bottom Spring	Modular Progressive Modular MLP Spyder Modular Gear Pump
12.062	Sensor, LOWL	ON/OFF	4 Kg Bottom 4 & 6 Kg Top Spring	4 Kg Pneumatic
12.063	Sensor, LOWL		6kg Bottom Spring	6Kg Pneumatic
13.151	Proximity Sensor M8 x 1 x 60mm		PNP NO	
13.310	Proximity Sensor M8 x 1 x 40mm		NPN NO	
13.261	M11x1 Piston Detector - LCI			Progressive Distributor Block Mounted used with 12.016 & 12.036 Timers

**50.587**

**12.030**

**50.441**

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**13.060**

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**13.090**

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**Limited Quantities**

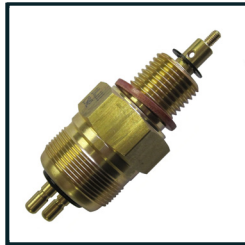
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**10.205**

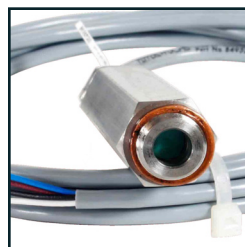
**12.045**

**12.048**

**12.062**

**12.063**

**13.151**

**13.310**

**13.261**

Part#	Description	Action	Functions & Program	Typical Usage
13.051	Air Pressure Switch		Normally Open ( NO / 60 - 130 Psi )	Brake Release Pneumatic Pump Activation
50.080	Air Pressure Switch Kit			
10.646	2 Way Poppet Valve	24 VDC	Normally Open ( NO - 175 Bar / 2538 Psi )	Special Usage for Lubrication Return
10.653	2 Way Poppet Valve Solenoid			
10.648	2 Way Poppet Valve	12 VDC		
10.647	2 Way Poppet Valve Solenoid			
10.804	HCV-HS-H Control Valve	Hydraulic Divider	Pressure Activated Flow Control Valve <b>SPECIAL ORDER</b>	Permits The Use of a Lubecore Pump in a GV Twin System
21.237	Diverter Valve, 3/2	Pneumatic	Pneumatic Activated Flow Control Valve	Permits One Pump to Supply Grease to a Split System
21.235	Reducer Bushing		1" NPT (M) x 1/4" NPT (F)	1 Required
21.236			3/4" NPT (M) x 1/4" NPT (F)	2 Required
54.229	Adjustable Regulated High Pressure SLD Vent Valve	12 VDC	Adjustable Pressure Relief Valve + Normally Open ( NO ) Poppet Valve <b>SPECIAL ORDER</b>	Hydraulic & Modular Progressive Pumps
54.230		24 VDC		
10.655	Adjustable Relief Valve Cartridge		18 - 241 Bar 250 - 3500 Psi	
10.656	2 Way Poppet Valve Cartridge		Normally Open ( NO )	
13.302	'E' Type Coil Deutsch	12 VDC		
13.303	'E' Type Coil Deutsch	24 VDC		
21.221	SAE ORB #8 x 1/4 NPT (F)		Adapter	
10.649	Direct Acting Hydraulic Relief Valve			
10.650	Adjustable Ball Relief Valve		<b>Limited Quantities</b>	
54.354	Fixed Relief Valve		250 Bar	
22.050	Pneumatic Brake Protection Valve		60 Psi ( COP )	





13.051



50.080



10.646



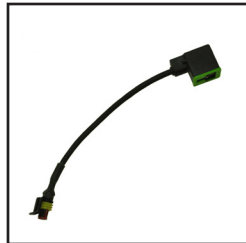
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10.804



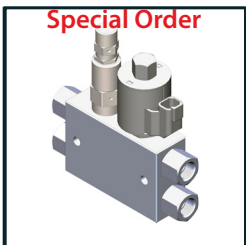
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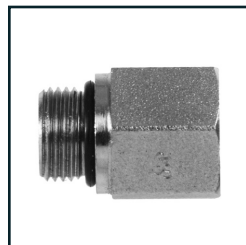
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10.649



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54.354



22.050

Part#	Description	Specifications	Typical Usage
50.097	Gear Pump Fuse Kit	7.5 Amp - 15 Amp	
50.098	Pneumatic Pump Fuse Kit	10 Amp x 2	
50.179	Modular Pump Fuse Kit	20 Amp (Shown)	
54.188	Mk2 Truck Timer Fuse Kit	10 Amp x 2	
50.286	Jumper MK1 Dongle to MK2 Timer	17.78 CM / 7"	Can Also Be Used To Replace A GV Timer with A LCI Mk2 12.016 / 12.036
50.287	Jumper MK2 Harness to MK1 Dongle		
50.529	Standard Mk2 Complete Harness Kit	Solenoid Pressure Switch ( PS ) Low Level Switch ( LL )	12.016 / 12.036 Timers EP 0 & EP 2 Tractor, Truck & Equipment
13.047	Standard Mk2 In Cab Harness	66.04 CM / 26" 121.92 CM / 48"	12.016 / 12.036 Timers EP 0 & EP 2 Tractor, Truck & Equipment
13.044	Standard Mk2 Main Harness	7.62 M / 25'	12.016 / 12.036 Timers EP0 Tractor, Truck & Equipment
54.185	Mk2 Pump Harness	DIN - 44.45 CM / 17.5" PS - 35.56 CM / 14"	12.016 / 12.036 Timers EP0 Tractor, Truck & Equipment
54.186		DIN - 44.45 CM / 17.5" LL - 35.56 CM / 14"	12.016 / 12.036 Timers EP0 & EP2 Tractor, Truck & Equipment
54.187		DIN - 44.45 CM / 17.5" PS & LL - 35.56 CM / 14"	12.016 / 12.036 Timers EP0 Tractor, Truck & Equipment
13.238	Trailer ABS "Y" Splitter	30.48 CM / 12"	Tapping into the ABS Curcuit On A Trailer For Constant Power
13.064	Trailer ABS Main Power Harness AMP	3.05 M / 10'	Extender Harness Trailer Timers & Modular Series Pumps
13.329	Trailer ABS main Power Harness Deutsch	3.05 M / 10'	
50.581	Modular Power Harness	9.14 M / 30'	
13.045	Solenoid DIN Connector	43.18 CM / 17"	
13.046	Low Level / Pressure Switch Schlemmer & Deutsch Plug Pigtail		
50.073	Low Level Switch Schlemmer Harness		35.56 CM / 14"
50.636	Gear Pump Motors	12 VDC - 100 Watts	
50.638		12 VDC - 70 Watts	
50.637		24 VDC - 100 Watts	
50.639		24 VDC - 70 Watts	
10.261	Modular Pump Motor	12 VDC	
10.262		24 VDC	



50.179



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50.287



13.047



13.044



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13.064



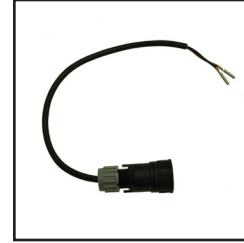
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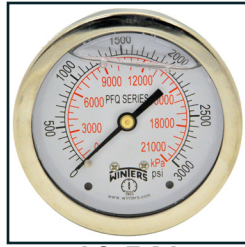
Part#	Description	Action	Functions & Program	Typical Usage
10.539	Pressure Gauge	Analog	345 Bar / 5000 Psi	Back Mount
10.540				Stem Mount
10.541			Back Mount	207 Bar / 3000 Psi
10.542				138 Bar / 2000 Psi
10.543				414 Bar / 6000 Psi
21.232	3/2 Ball Valve		1/4 NPT (F)	
21.016	1/2 Ball Valve		3/8 NPT (M) x 3/8 NPT (F) <b>SPECIAL ORDER</b>	
10.076	Non- Return Valve Assembly			Pneumatic Pumps
10.077	Return Valve Assembly			EP0 Pneumatic Pumps GV Compatible
10.098	EP2 Return Port Plug		Prevents Grease Return After Cycle	EP2 Pneumatic Pump
50.044	Vent Check Valve Assembly			Pneumatic Pumps
54.770	Lee Valve Assembly			
21.026	Inline Check Valve		1/4 NPT (F)	
35.020	#2 Proportion Valve		Oil Only	
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	



**10.539**



**10.540**



**10.541**



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**21.232**



**Special Order**

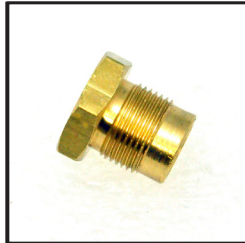
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**10.098**



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**21.026**



**35.020**



**20.204**



**20.210**



**20.235**



**20.234**



**20.212**



**20.210**



**20.211**



**20.234**