

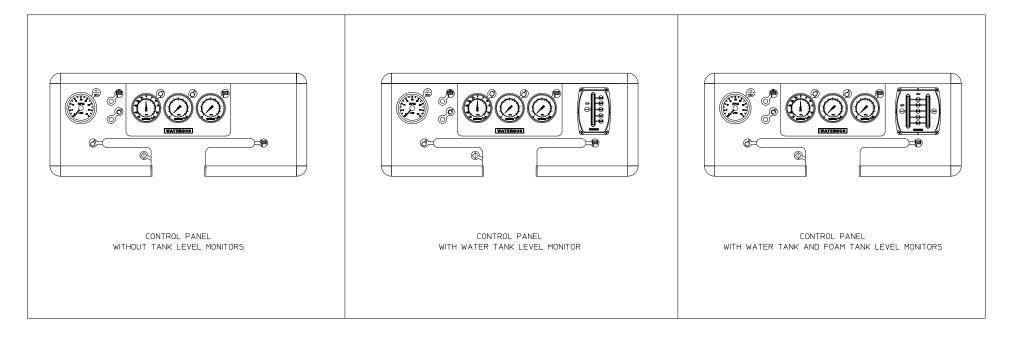
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 SPL 83158
 09/27/11
 06/07/13

HL Series Fire Pump Control Panel Service Parts List

Index:

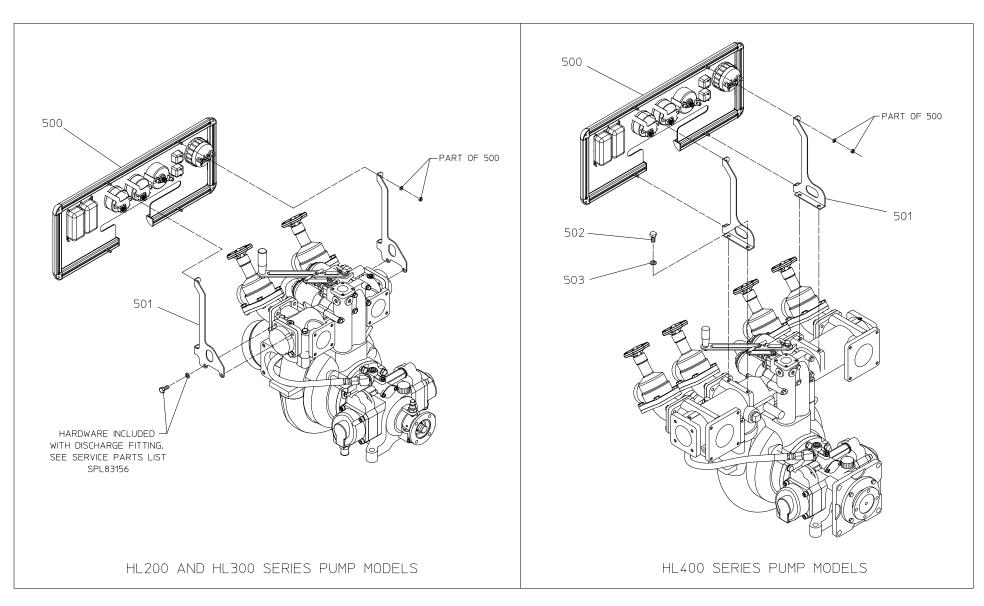
Pump Model (Located on Pump Serial Plate)				See Pages										
			Control Panel	Control Panel										
HL200	HL300 Series		Installed on Pump	Mounting on Pump	Panel Components	Gauge and Wiring Connections					Optional			
Series						Compound Gauge	Pump Overheat Module	Normal Pressure Gauge	High Pres- sure Gauge	Tachometer Hourmeter	Wiring Schematic	Gages and Monitors		
HL200D	HL300D	HL400D	Yes	2, 3	4, 5	6, 7	6, 7	8, 9	8, 9	10, 11	12, 13	-		
HL200K	HL300K	HL300K	HL300K	HL400K	No	-	-	-	-	-	-	-	-	14, 15



Mounting on Pump

REF. NO.	DESCRIPTION
500	Panel Assembly (Also See Page 5)
501	Mounting Bracket

REF. NO.	DESCRIPTION
502	Hex Head Screw, M10 x 1.50 x 20 mm
503	Lock Washer, 10 mm

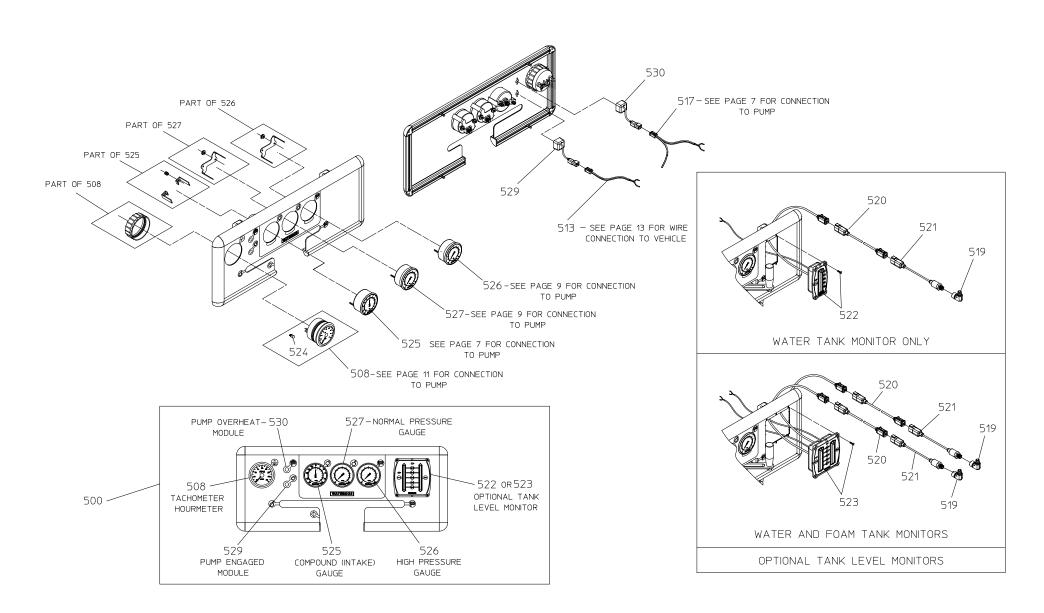


MOUNTING ON PUMP

Panel Components

REF. NO.	DESCRIPTION
500	Panel Assembly (Includes 504 and 509 Through 530)
508	Tachometer/Hourmeter Gauge
513	Pump Engaged Wiring Harness (Green LED)
517	High Temp Switch Wiring Harness (Red LED)
519	Elbow, 90 Degree, 1/4 in. NSPT x 1/4 in. NPT
520	Tank Level Monitor Wiring Harness
521	Tank Level Monitor Sender
522	Single Tank Monitor Display Panel (Includes Mounting Hardware)

REF. NO.	DESCRIPTION		
523	Dual Tank Monitor Dislay Panel (Includes Mounting Hardware)		
524	Type E Wedge Base Light Bulb		
525	Compound Gauge		
526	High Pressure Gauge		
527	Normal Pressure Gauge		
529	Pump Engaged Indicator Module (Green LED)		
530	Pump Overheat Indicator Module (Red LED)		

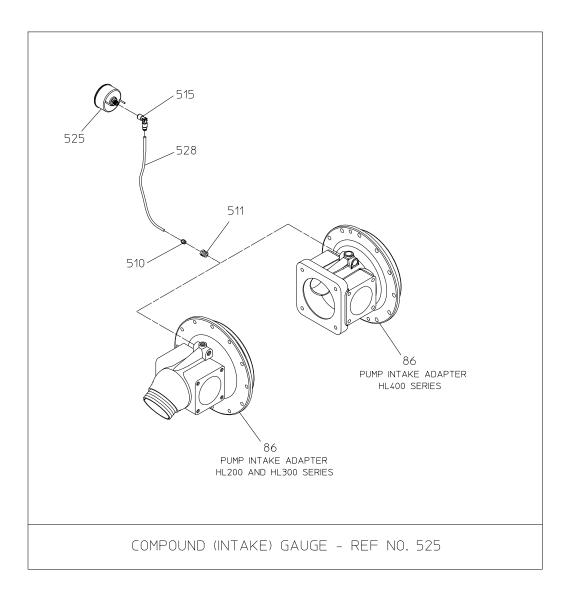


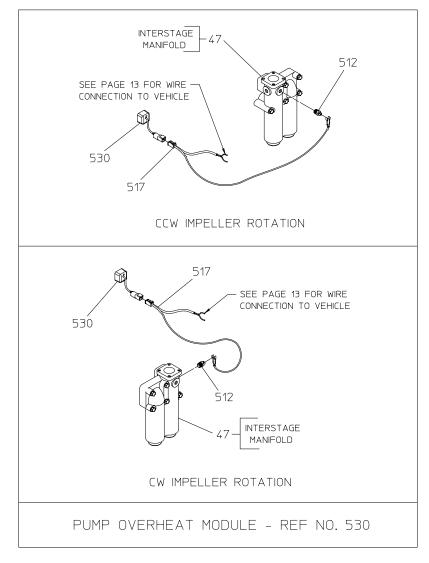
PANEL COMPONENTS

Gauge and Wiring Connections – Compound (Intake) Gauge and Pump Overheat Module

REF. NO.	DESCRIPTION		
47	Interstage Manifold (See Service Parts Lists SPL83155 or SPL83161)		
86	Intake Adapter (See Service Parts Lists SPL83155 or SPL83161)		
510	Straight Push-In Fitting, 6 mm Tube x 1/4 in. BSPT		
511	Reducing Bushing, 1/4 in. BSPT (F) x 1/2 NPT (M)		
512	Temperature Switch, Series 48T		

REF. NO.	DESCRIPTION	
515	Fitting, 6 mm Tube x 1/4 in. NPT (Brass)	
517	High Temp Switch Wiring Harness (Red LED)	
525	Compound Gauge	
530	Pump Overheat Indicator Module (Red LED)	



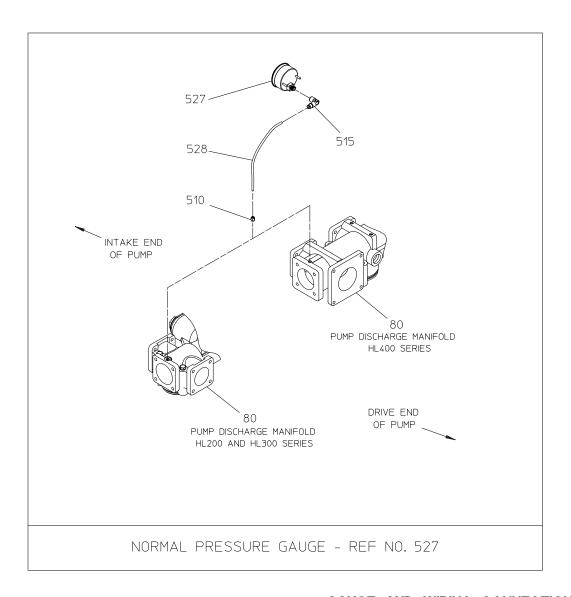


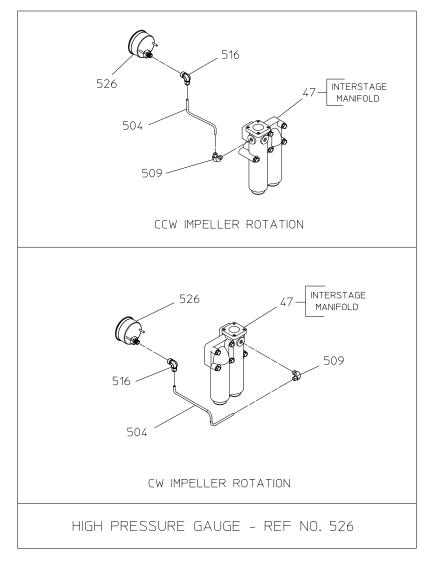
GAUGE AND WIRING CONNECTIONS
COMPOUND (INTAKE) GAUGE AND PUMP OVERHEAT MODULE

Gauge and Wiring Connections – Normal and High Pressure Gauges

REF. NO.	DESCRIPTION
47	Interstage Manifold (See Service Parts Lists SPL83155 or SPL83161)
80	Discharge Manifold (See Service Parts Lists SPL83155 or SPL83161)
504	Stainless Steel Tubing, 6 mm
509	Elbow, 90 Degree, 6 mm Tube x 1/4 in. BSPT
510	Straight Push-In Fitting, 6 mm Tube x 1/4 in. BSPT

REF. NO.	DESCRIPTION	
515	Brass Fitting, 6 mm Tube x 1/4 in. NPT	
516	Stainless Steel Fitting, 6 mm Tube x 1/4 in. NPT	
526	High Pressure Gauge	
527	Normal Pressure Gauge	
528	Blue Nylon Tubing , 6 mm x 24 in. Long	



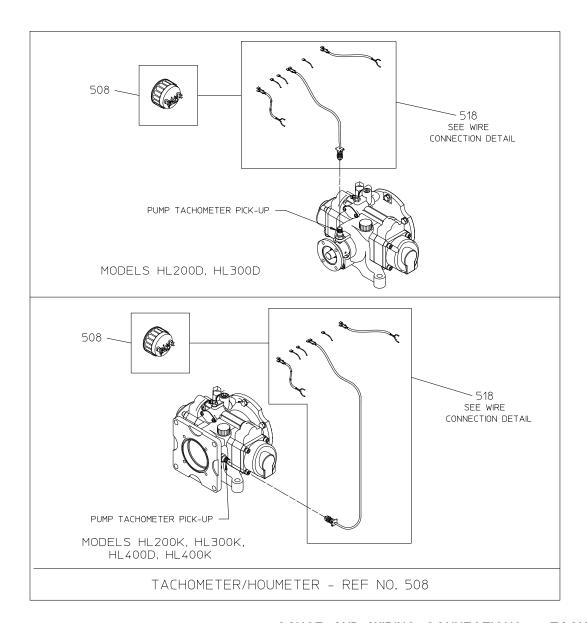


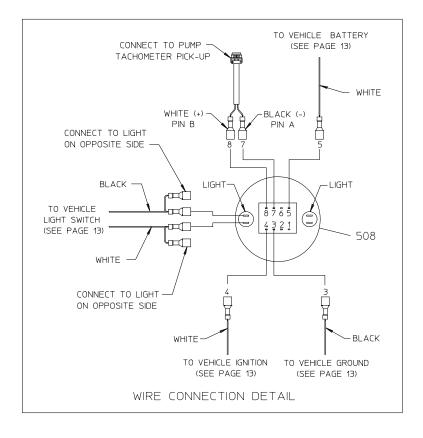
GAUGE AND WIRING CONNECTIONS NORMAL AND HIGH PRESSURE GAUGES

Gauge and Wiring Connections – Tachometer / Hourmeter

REF. NO.	DESCRIPTION
508	Tachometer/Hourmeter Gauge

REF. NO.	DESCRIPTION
518	Tachometer Wiring Harness



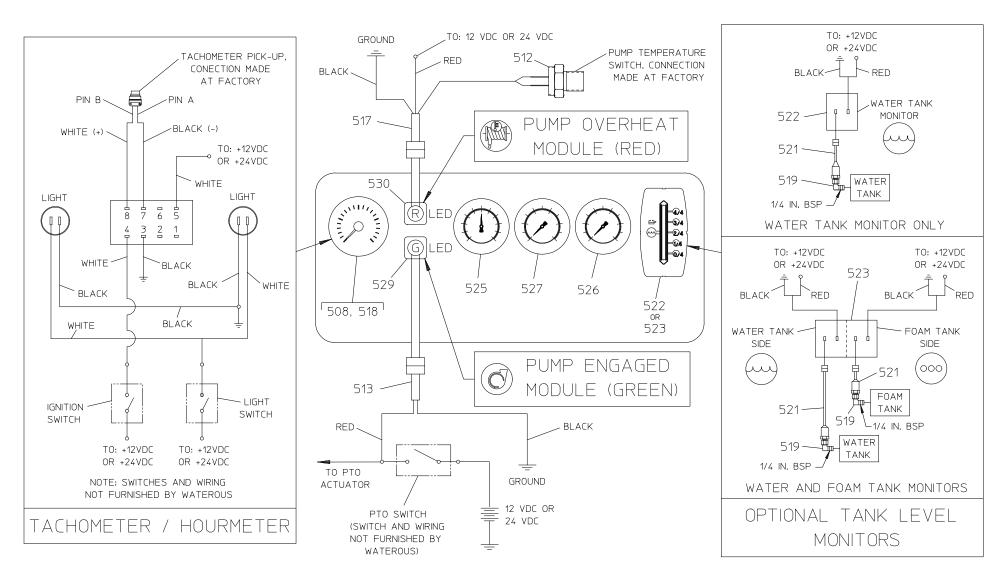


GAUGE AND WIRING CONNECTIONS - TACHOMETER/HOURMETER

Wiring Schematic

REF. NO.	DESCRIPTION
508	Tachometer/Hourmeter Gauge
512	Temperature Switch, Series 48T
513	Pump Engaged Wiring Harness (Green LED)
517	High Temp Switch Wiring Harness (Red LED)
518	Tachometer Wiring Harness
519	Elbow, 90 Degree, 1/4 in. BSPT x 1/4 NPT
521	Tank Level Monitor Sender

REF. NO.	DESCRIPTION
522	Single Tank Monitor Display Panel (Includes Mounting Hardware)
523	Dual Tank Monitor Display Panel (Includes Mounting Hardware)
525	Compound Gauge
526	High Pressure Gauge
527	Normal Pressure Gauge
529	Pump Engaged Indicator Module (Green LED)
530	Pump Overheat Indicator Module (Red LED)

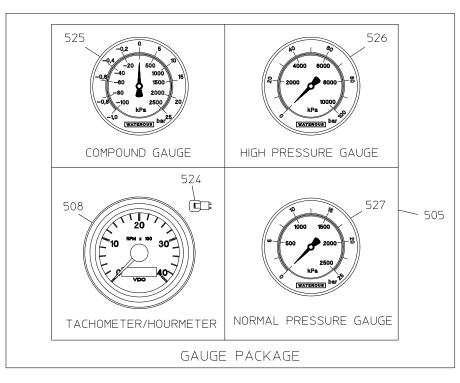


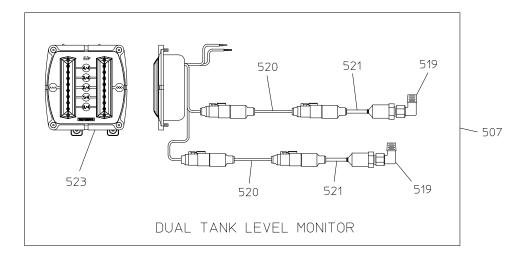
WIRING SCHEMATIC

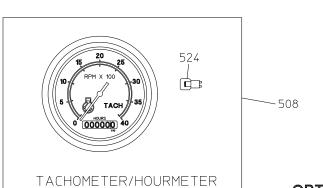
Optional Gauges and Monitors

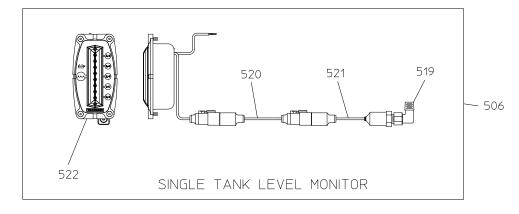
REF. NO.	DESCRIPTION
505	Pump Panel Gauge Package
506	Single Tank Level Monitor (Water)
507	Dual Tank Level Monitor (Water and Foam)
508	Tachometer/Hourmeter Gauge
519	Elbow, 90 Degree, 1/4 in. BSPT x 1/4 NPT
520	Tank Level Monitor Wiring Harness
521	Tank Level Monitor Sender

REF. NO.	DESCRIPTION
522	Single Tank Monitor Display Panel (Includes Mounting Hardware)
523	Dual Tank Monitor Display Panel (Includes Mounting Hardware)
524	Type E Wedge Base Light Bulb
525	Compound Gauge
526	High Pressure Gauge
527	Normal Pressure Gauge









OPTIONAL GAUGES AND MONITORS