1825 and 1825B

1825 and 1825B UNI-LOADER®

P.I.N. JAF0140365 and After

Operators Manual

Bur 9-25772

CASE CONSTRUCTION

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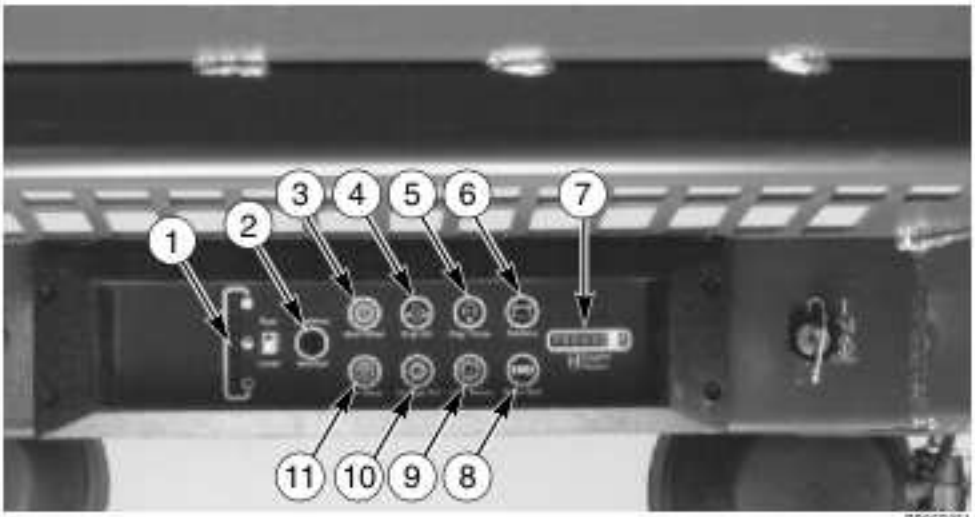
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INSTRUMENT PANEL



BP96C351

NOTE: When the key switch is turned ON, the warning lamps will illuminate for 2 seconds. If the warning lamps do not illuminate, see the service manual for this machine or see your Case dealer.

If all systems are normal, the green Systems Normal lamp is illuminated. If any yellow warning lamp illuminates, stop at the end of the day or shift and correct the problem. If any red warning lamp illuminates, stop the machine and correct the problem immediately.

1. ***FUEL LEVEL GAUGE:*** This gauge indicates the amount of fuel in the fuel tank when the key switch is in the ON position. The symbols indicate full fuel tank, half full fuel tank, or empty fuel tank. The bottom lamp will start to flash when there are 4.3 UK gallons (19.6 litres) of fuel remaining in the fuel tank. From this point on the machine can be operated for approximately 2 hours before the fuel tank is empty.

2. ***SYSTEMS NORMAL INDICATOR LAMP (Green):*** This lamp illuminates and stays illuminated during machine operation, or until one or more of the following condition occur; low engine oil pressure, high hydraulic fluid temperature, low alternator output, system voltage below 11 volts, high engine coolant temperature.

3. ***HYDRAULIC FILTER WARNING LAMP (Yellow):*** This lamp illuminates when the engine is started and the hydraulic fluid is cold, or when the engine is running and the hydraulic filter is in need of service. If the lamp is illuminated after 15 minutes of machine operation, or if the lamp illuminates during machine operation, stop the engine and service the hydraulic filter. If the lamp illuminates, it will not affect the Systems Normal indicator lamp and warning alarm.

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7. Following the recommended glow plug warm up time (see page 44), turn the key switch to START. Release the key as soon as the engine starts.
8. If the engine starts and stops, do not actuate the starter motor again until the starter stops turning.

IMPORTANT: Do not operate the starter motor more than 30 seconds at one time. Let the starter motor cool for three minutes before you actuate the starter motor again. While the starter motor is engaged, white or black smoke must be seen at the exhaust pipe. If no smoke is seen, check the fuel supply.

9. After the engine starts, check the instruments to make sure the indications are correct. Run the engine at about 1/4 throttle until the engine coolant is warm.

Recommended Times for Glow Plug Operation 1825

AIR TEMPERATURE	ACTUATE (TIME)
70°F (20°C)	15 Seconds
32°F (0°C)	20 Seconds
0°F (-18°C) & Below	30 Seconds

Recommended Times for Glow Plug Operation 1825B

AIR TEMPERATURE	ACTUATE (TIME)
ABOVE 50°F (10°C)	NOT REQUIRED
50°F (10°C) TO 23°F (-5°C)	5 Seconds
BELOW 23°F (-5°C)	10 Seconds
MAX. ENERGZE TIME	20 Seconds

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LUBRICATION/MAINTENANCE CHART

PG NO.	Location/Description	Quantity	Specification	INTERVAL (hr)					
				10	50	100	250	500	1000
73	Engine Area			Clean As Required					
79	Air Cleaner	1 Point		Check As Required					
95	Wheel Nut Torque	24 Points	60 to 70 pound-feet (85 to 95 Nm)	Check As Required					
89	Hydraulic Filter	1 Point		Check As Required					
0	Fan Belt Condition	1 Point		Check As Required					
70	Loader/Bucket Pivot Points	12 Points	Case Molydisulfide	○					
	Hydraulic Oil Cooler	1 Point	See Service Manual	□					
73	Engine Oil Level	1 Point	SAE 10w-30	X					
89	Hydraulic Res Oil Level	1 Point	SAE 10w-30 with HTO additive	X					
82	Radiator Coolant Level	1 Point	50% Water 50% Ethylene Glycol	X					
79	Air Cleaner Dust Valve	1 Point		X					
71	Control Linkage/Seat Bar	1 Point			X				
94	Tire Pressure and Condition	4 Points	5.70x15 [32 psi./221kPa] 27-8.50x15 [24psi./165kPa]		X				
85	Fuel Filter	1 Point	Drain Water		X				
104	Spark Arrester Muffler	1 Point				□			
71	Steering Cross Shaft	1 Point	Case Molydisulfide			○			
70	Loader Cross Shaft Pivot	1 Point	Case Molydisulfide			○			
72	Engine Oil	1 Point	SAE 10w-30			△			
74	Engine Oil Filter	1 Point				△			
111	Battery Fluid Level	2 Points	Distilled Water				X		
99	Drive Chain (Each Side)	2 Points	Tension				X		
85	Fuel Filter	1 Point						△	
107	ROPS (Mounting Bolts)	4 Points	45 to 52 Pound-feet (60 to 70 Nm)					X	
90	Hydraulic Oil Filter	1 Point						△	
92	Chain Compartment Oil	2 Points	SAE 10w-30					△	
85	Fuel Tank	1 Point	Drain Water						X
88	Hydraulic Reservoir Oil	1 Point	SAE 10w-30 with HTO additive						△
117	Engine Valve Clearance		See Service Manual						X
83	Radiator Coolant		50% Water 50% Ethylene Glycol	Every 2000 Hours or Once Each Year (Whichever Comes First)					
80	Air Cleaner Elements	2 Points							△

○ : Grease
△ : Change
X : Check
□ : Clean

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