

5: OPERATOR SYSTEM & CONTROLS FAMILIARIZATION

Table 5-2: Items on the Master Control Cabinet

	Button	Type	Description
8	Hydraulic Pump	2-position switch	This switch turns the pump ON or OFF . The engine cannot start if this switch is in the ON position. This is to reduce the load on the engine when the engine is started.
9	Ignition	Key switch	The electrical system is energized when this key switch is turned to the right. Turn the key switch all the way to the right and hold to start the engine. Release the key switch when the engine is started.
10	Engine Gauge	Display	Displays and sets engine parameters.

GAUGER BUGGY CONTROLS (Optional)

11	UP / DOWN	2-position switch	This switch sets the gauger buggy UP or DOWN .
12	EXTEND / RETRACT	2-position switch	This switch sets the gauger buggy to EXTEND or RETRACT .

LIGHTS

13	RIGHT Work Lights	2-position switch	Press to switch the work lights on the right side of the machine ON or OFF . IMPORTANT Lights must be ON during all working operations.
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14	FORWARD / REVERSE Travel	3-Position switch	This machine is equipped with a 3-Position travel light switch. FORWARD travel means the machine is moving with the engine end of the machine leading the cab. REVERSE travel means the cab end of the machine is leading the engine side. With the switch in the FORWARD travel direction the FRONT travel lights will be illuminated. The change of direction alarm will sound for 3 seconds whenever travel is initiated in the REVERSE direction. Only the rear change of direction alarms will sound during reverse travel. <i>NOTE: For CSX machines, both front and rear change of direction alarms will sound for 5 seconds.</i> With the switch in the REVERSE travel direction the REAR travel lights will be illuminated. The change of direction alarm will sound for 3 seconds whenever travel is initiated in the FORWARD direction. Only the front change of direction alarms will sound during forward travel. <i>NOTE: For CSX machines, both front and rear change of direction alarms will sound for 5 seconds.</i> With the switch in the CENTER position NO travel lights will be illuminated, however both front and rear change of direction alarms will sound for 3-5 seconds, depending on railroad, when travel is initiated. This mode is for special use cases only, such as when travel lights could inhibit safe operation of the machine or other machines around it. An example would be parking the machine on sidings.
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15	Perimeter Lights	2-position switch	Press to switch the optional perimeter lights ON or OFF .
16	LEFT Work Lights	2-position switch	Press to switch the work lights on the left side of the machine ON or OFF . IMPORTANT Lights must be ON during all working operations.