

# Freeman 380/385 Controls

The following pages detail how to use the controls on 380 balers serial number ASC-380-011 and below and 385 balers serial numbers ASC-385-076 and below, excluding ASC-385-066. Please consult Operator's manual PB00000102 for more information, including SAFETY.

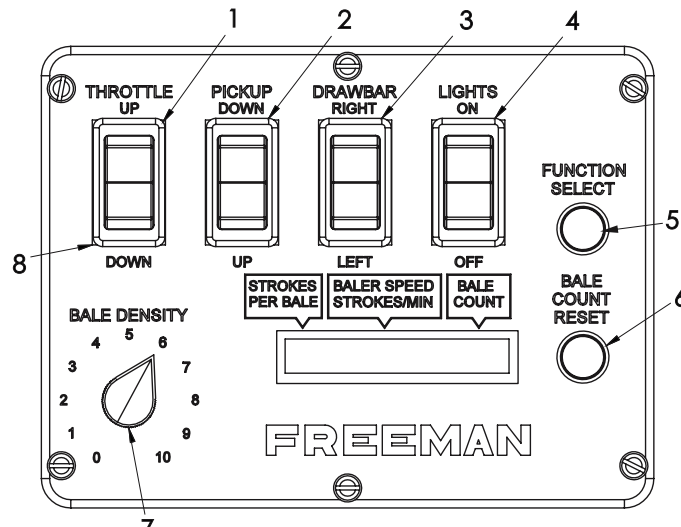


Figure 1 - Remote Controller

## Main Controls

1. **THROTTLE** switch controls the engine speed. Pushing and quickly releasing the THROTTLE UP button will raise the speed of the engine in increments. Pushing and holding the THROTTLE UP button will raise the speed until it reaches the maximum setting. Pushing the THROTTLE DOWN button will lower engine speed to idle. To lower the speed in increments push THROTTLE DOWN button and then quickly put it back to center.

2. **PICKUP** switch controls the raising and lowering of the pickup. Push UP for the pickup to raise and DOWN for the pickup to lower. Refer to Pickup Adjustment on page 17 of your Operator's Manual PB00000102.

3. **DRAWBAR** switch controls the movement of the drawbar from left to right. Having the drawbar in the far right position is best for towing down the road. Having the drawbar in the far left position is best for baling. Push up (RIGHT) to move the drawbar right and down (LEFT) to move it left. Refer to Drawbar Adjustment on page 17 of your Operator's Manual PB00000102.

4. **LIGHTS** button is used to turn on and off the baler work lights.

5. **FUNCTION SELECT** button displays the non resettable total bale count.

6. **RESET** button resets the bale count on the baling screen (see Figure 6 page 4).

7. **DENSITY** knob controls the amount of pressure used to form the bale. Twisting the knob from 1 to 10 increases the amount of hydraulic pressure applied to the tension rails, which then adds pressure to the bale. The Hydraulic pressure is displayed on a gauge located under the oil reservoir on the front of the baler (see Figure 3 page 3). The density pressure can be increased or decreased from 0 to 10. 0= minimum PSI., 10 = maximum PSI. The density knob adjusted to 5 would be = 1/2 or approximately 1100 PSI. As the number increases, a heavier bale will start forming and will exit the baler approximately three bales after the adjustment is made.

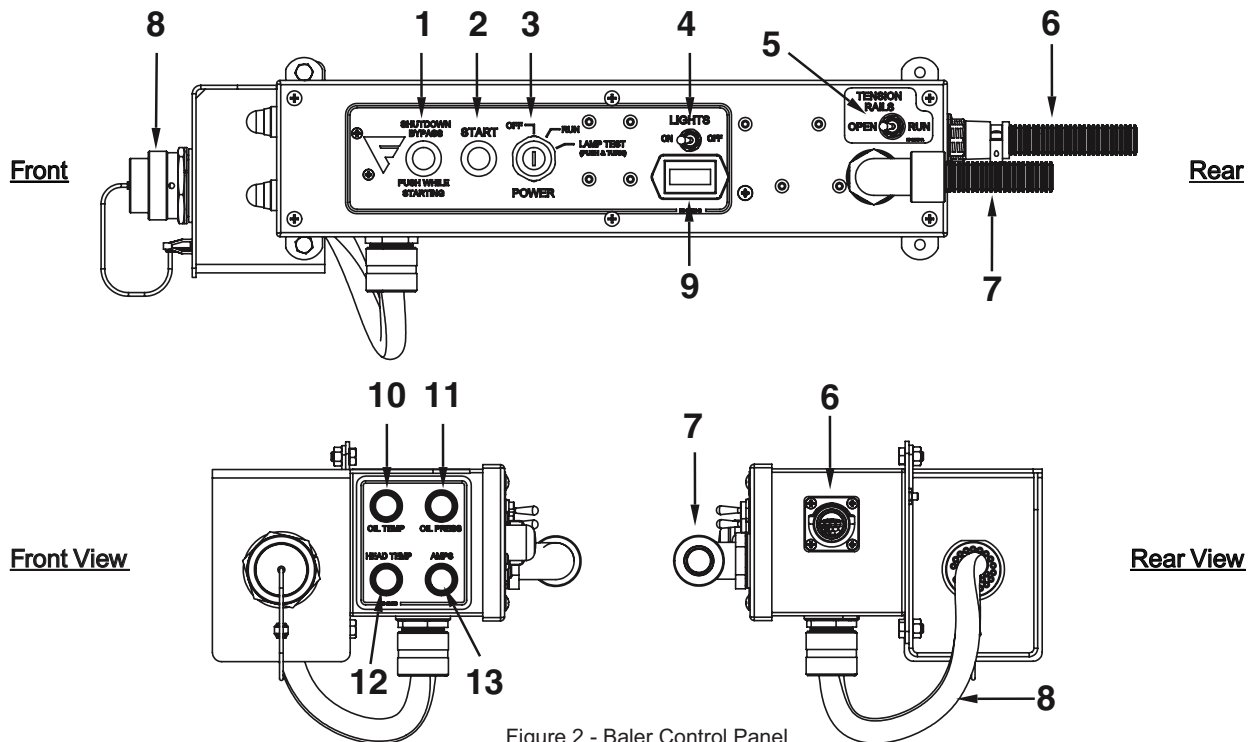


Figure 2 - Baler Control Panel

## Baler Control Panel

1. SHUTDOWN BYPASS / PUSH WHILE STARTING button allows the engine to start without oil pressure. Push (until 2 seconds after motor has started) while pressing the start button and the start key is turned to the RUN position.

2. START button starts the motor while pressing the SHUTDOWN BYPASS button and the engine key is in the RUN position.

3. POWER ignition has three modes.

- OFF Motor is off when the key is turned to this mode.
- RUN Motor can be started when key is turned to the RUN mode.
- LAMP TEST While the motor is off, push and turn the key to the right to test the OIL TEMP, OIL PRESS and HEAD TEMP lamps. Turning the key to RUN will test the AMPS light.

4. LIGHTS switch turns lights ON and OFF.

5. TENSION RAILS switch has two modes.

- OPEN releases pressure on the tension rails.
- RUN tension rails are pressurized.

6. VALVE AND SENSOR HARNESS CONNECTION

7. WIRE HARNESS, ENGINE

8. WIRE HARNESS, REMOTE

9. HOUR METER keeps track of engine operating time and is not resettable.

10. OIL TEMP light illuminates when engine oil reaches 130° C or 266° F and the engine will shut down.

11. OIL PRESS light illuminates at .5 bar or when oil pressure drops below 7.25 lbs..., and the engine will shut off.

12. HEAD TEMP light illuminates when the air cooled head of the engine reaches 170° C or 338° F, and the engine will shut down.

13. AMPS illuminates when the alternator power drops below 12 volts.

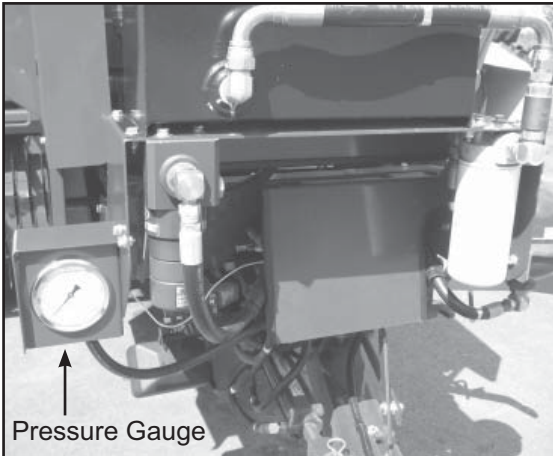
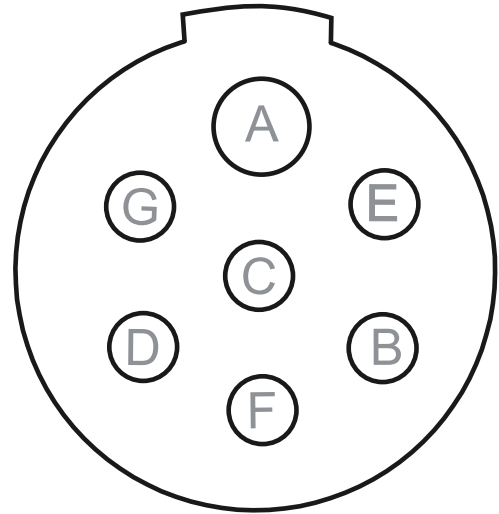


Figure 3 - System Pressure Gauge



PIN	WIRE/GA.	FUNCTION
A	WHT 12	GROUND
B	GRN 16	RIGHT TURN
C	BLU	NOT USED
D	YEL 16	LEFT TURN
E	BRN 16	TAIL LIGHTS
F	RED 16	BRAKE LIGHTS
G	BLK	NOT USED

Figure 5 - 7 Pole Connector on Drawbar

## Connecting Lights

Connect the 7 Pole cable to the connector on the drawbar shown in Figure 4 to the tractor.

Please refer to the 370 Operators' manual for more information including SAFETY.

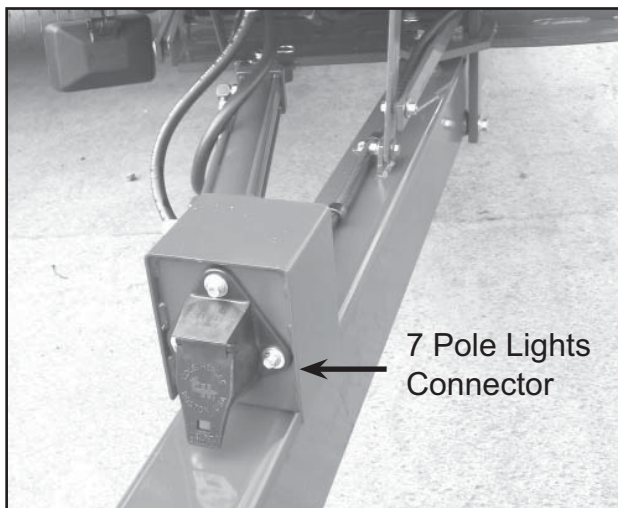


Figure 4 - Lights Connector

## MONITOR MESSAGES

The following are what your control box monitor will display and what they mean.

### Start-Up Screen

The startup screen will display for approximately 2 seconds when there is power to the baler.

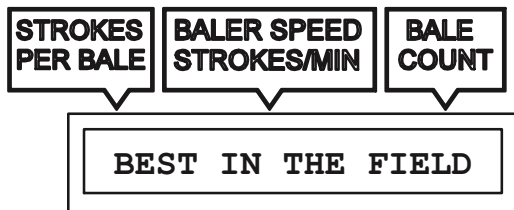


Figure 6 - Startup Screen

### Total Bale Count

The total bale count screen can be activated by pushing the Function Select button. The total bale count will display for a few seconds then switch back the baling screen

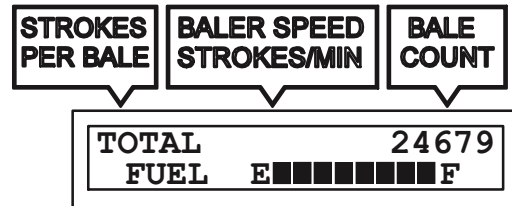


Figure 8 - Total Bale Count Screen

### Baling Screen

The baling screen displays right after the dealer screen and stays on until you turn the power off.

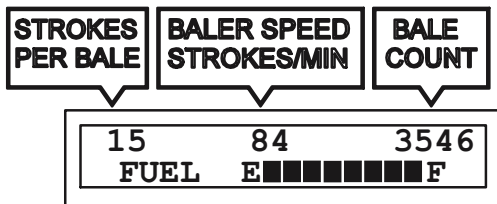


Figure 7 - Baling Screen

- STROKES PER BALE resets every time a bale is formed.
- BALER SPEED STROKES/MIN is the baler speed in plunger strokes per minute or RPM. It receives it's signal from the proximity sensor on the pinion gear and reads real time RPM.
- BALE COUNT counts the bales and may be reset pushing the reset button.
- FUEL will display 8 squares between "E" and "F" when the tank is full. There will be less squares as the fuel gets lower and no squares is almost empty.



To find a dealer in your area,  
Call: 503-625-2560,  
Fax: 503-625-7269, or

Visit our website: <http://www.alliedsystems.com>