

Overhead Console

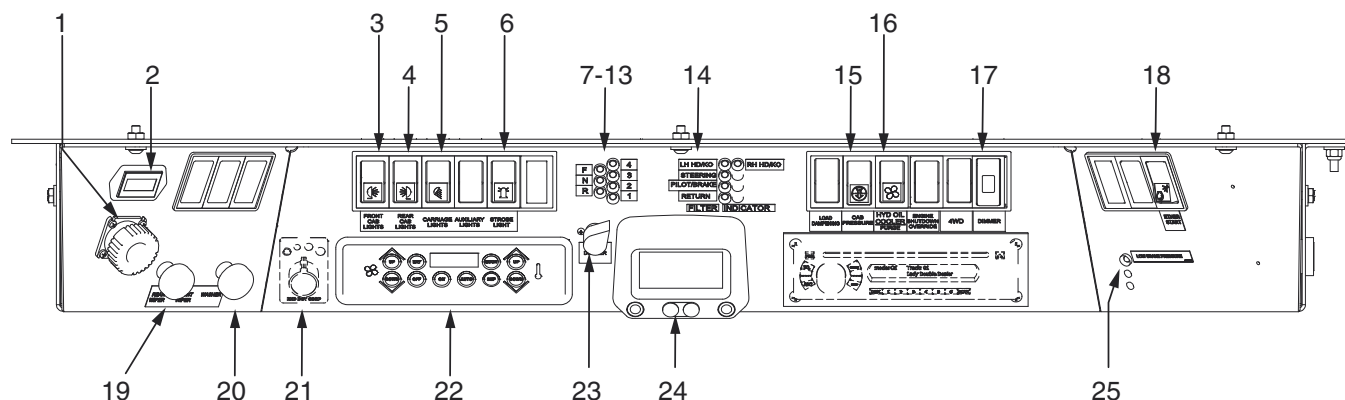


Figure 2-3-1 Overhead Console

- 1. ECM Communications Port**
- 2. Hour Meter**
Displays time the machine has been powered on.
- 3. Front Cab Lights**
ON / OFF
- 4. Rear Cab Lights**
ON / OFF
- 5. Carriage Lights**
ON / OFF
- 6. Strobe Lights**
ON / OFF
- 7. "F" Forward Indicator Light**
Light is on when Transmission Controller is in the forward position.
- 8. "N" Neutral Indicator Light**
Light is on when Transmission Controller is in the neutral position. The Light will flash when Declutch is activated.
- 9. "R" Reverse**
Light is on when Transmission Controller is in the reverse position.
- 10. "4" Fourth Gear Indicator Light**
Light is on when Transmission is in fourth gear.
- 11. "3" Third Gear Indicator Light**
Light is on when Transmission is in third gear.
- 12. "2" Second Gear Indicator Light**
Light is on when Transmission is in second gear.
- 13. "1" First Gear Indicator Light**
Light is on when Transmission is in first gear.
- 14. Filter Indicator Lights**
These lights indicate the condition of the high pressure supply filters. With the machine running and at operation temperature, the lights should be OFF. If the light(s) illuminate and stay on, filter service is required.
- 15. Cab Pressure**
When ON, the cab pressurizer provides pressurized filtered air from outside to the cab, which keeps contaminants out.
- 16. Hydraulic Oil Cooler Purge**
Three position: OFF-ON-PURGE
When ON, the fan draws in air from outside of machine to cool the oil.
When PURGE is pressed, the switch signals the fan controller to reverse the fan direction to blow debris off the front of the oil cooler. This is a momentary switch and should be pressed and held for approximately 10 seconds.
- 17. Dimmer**
Scroll for adjusting instrument light level.
- 18. Ether Start**
This control supplies a measured amount of ether to the intake manifold to aid cold engine starting.
- 19. Front Wiper**
Five position: OFF-Intermittent-Low-High
Push for washer fluid
- 20. Rear Wiper**
Five position: OFF-Intermittent-Low-High
Push for washer fluid

21. Dash Fan Control

Off/On - Low -Medium - High

22. Cab Environmental Controls

Controls Heat / Air Conditioning

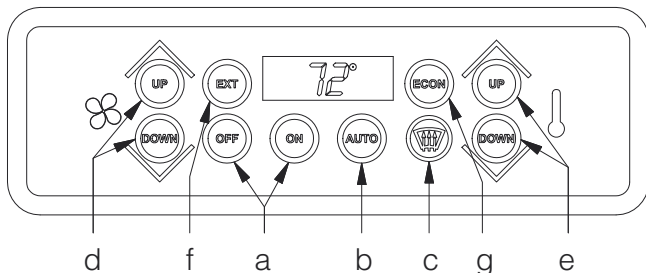


Figure 2-3-2 Cab Environmental Controls

a. ON/OFF

Powers vehicle Heater-AC control system on or off. The LED numeric display is illuminated when the unit is turned on. The display will show the current set point temperature.

b. AUTO

Places the system in a fully automatic temperature control mode including automatic fan speed control. A panel light indicates when this mode is active. The system will adjust the blower fan speed to the lowest setting necessary to maintain the cab temperature at the displayed set point temperature.

c. DEF (Defrost Icon)

Energizes the AC system to allow for rapid dehumidification of the cab. The AC will be enabled even if the set point temperature requires heat. A panel light indicates when this mode is active.

d. FAN UP/DOWN

Overrides the automatic fan speed control feature. Increments fan speed up or down in 11 steps. The digital display indicates the fan speed setting as a percentage or "HI" when maximum fan speed is reached or "LO" when minimum fan speed is reached then returns to normal display 5 seconds after either key is depressed. The set point fan speed is maintained until it is changed or if the AUTO key is depressed.

e. TEMPERATURE UP/DOWN

Increments the set point temperature up or down. The system will control the electronic water valve and/or the AC compressor clutch to hold the cab temperature as closely as possible to the set point temperature.

f. EXT (External Temperature)

When depressed displays the outside temperature as measured by the outside air sensor. The outside temperature will be displayed for a duration of 5 seconds then return to displaying the set point temperature.

g. ECON (Economy Mode)

When depressed, locks out the AC function. The control uses only fresh air, fan speed, and water valve control to maintain the set point temperature. Depressing the ECON key again will return the system back to normal operation. A panel light indicates when this mode is active.

23. Dimmer

Knob for adjusting LED light level

24. PowerView Display Module

The PowerView Display Module is a multi-function tool that enables the operator or service personnel to view many different engine parameters as well as engine service codes. Refer to section 2-8 for operating instructions.

25. Low Brake Pressure Indicator Light

Light is on when brake pressure is too low.