

Left Hand Control Console

1. Low Brake Pressure Warning Alarm

An alarm will sound when the hydraulic pressure in the brake accumulators drops below 1200 psi.

2. ECM Communications Port

Allows service personnel to get readings from the engine control module (ECM).

3. Key Switch Start

The key switch is used to start and stop the engine and to turn the accessories on and off. This is a four position switch: ACC, OFF, RUN and START. When turning the key clockwise from the center, or OFF position, the first position to the right is RUN. The second is START. The START position is spring loaded, and will return the key to the RUN position when released. ACC is to the left of OFF: this position is used for accessories operation only.

4. Parking Brake Control

To apply the parking brakes, pull the button out. Applying the parking brake will also put the transmission in neutral. To release the brakes, push the button in.

NOTICE

DO NOT apply parking brakes when the machine is moving. Damage to components can occur.

5. Parking Brake Indicator Light (Red)

This light indicates that the parking brake is ON, and the key switch is ON.

6. Transmission Direction and Range Control

- Push forward to the "F" position to engage in forward.
- Center in the "N" position for neutral.
- Pull back to the "R" position to engage in reverse.
- Twist the control forward to shift up.
- Twist the control backwards to shift down.

IMPORTANT! Always let up on the throttle slightly when shifting speed ranges. This will significantly reduce shock loads to drivetrain components during shift. Also, you should always reduce engine rpm when downshifting, as you can over-speed the engine.

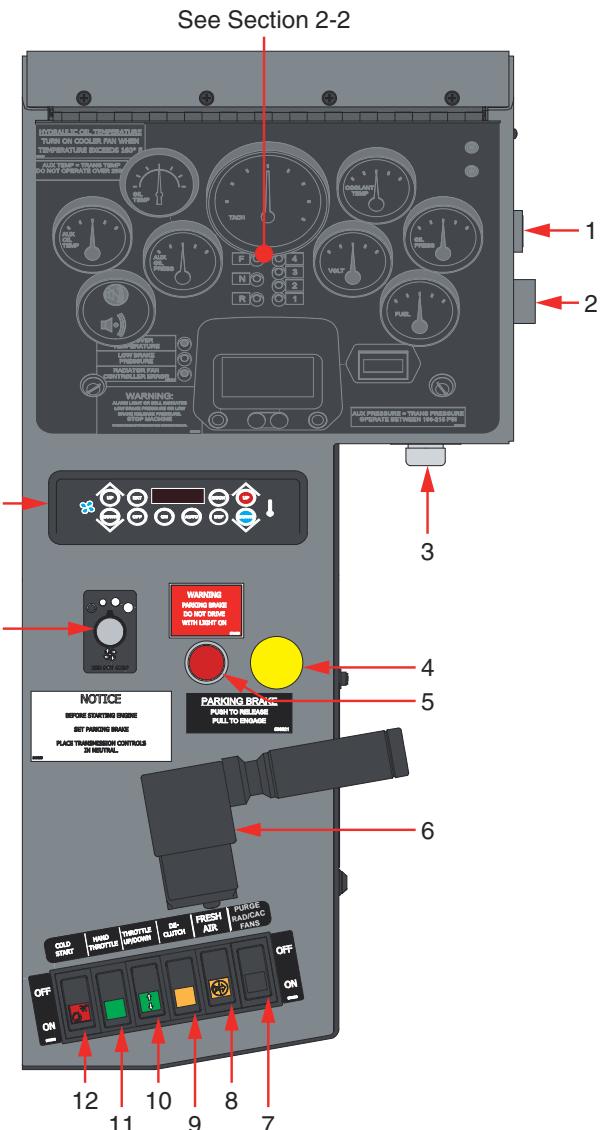


Figure 2-3-1 Left Hand Console

7. Purge Radiator/CAC & Oil Cooler Fan Switch

Depressing this momentary switch reverses the fan direction to blow debris off the front of the radiator/CAC and oil cooler. The fan controller will sense this signal and evaluate if the fan can be slowed, stopped and then rotated in the opposite direction for several seconds. This is a pre set cycle after which the fan will return to its normal direction and operation.

Note: Once the fans are in purge direction, it is advisable to bring the engine rpm to high idle to achieve maximum air flow.

8. Fresh Air Cab Pressurizer Switch

Brings filtered, fresh air from outside into the cab.

9. Declutch Control Switch

If the control is ON, the declutch system automatically shifts the transmission into neutral when you apply the service brakes. This allows you to perform all hydraulic functions at any rpm smoothly, without causing converter stall or other unnecessary strains on the brake or drivetrain components. If downgrades are encountered, the control may be turned to the OFF position, and the transmission will remain in gear when the brakes are applied. This control should be left in the ON position for normal operations.

10. Hand Throttle Up/Down Switch

Adjusts RPM's up or down when adjacent switch (item 11 is engaged).

11. Hand Throttle Switch On/Off

Overrides foot throttle. To engage flip switch into the on position. Used with item 10.

NOTE: For engine warm up only.

12. Cold Start Control Switch

This control supplies a measured amount of ether to the intake manifold to aid cold engine starting.

13. Remote Ceiling Evaporator Fan Switch

Twist clockwise / counterclockwise to adjust airflow of the ceiling mounted A/C unit.

Four adjustments: Off-Low-Medium-High.

14. Cab Environmental Controls

Controls Heat / Air Conditioning

NOTICE

Avoid operation of the AC/Heat with the doors or windows open. Doing so will overwork the system which causes it to function incorrectly and may contribute to early component failure.

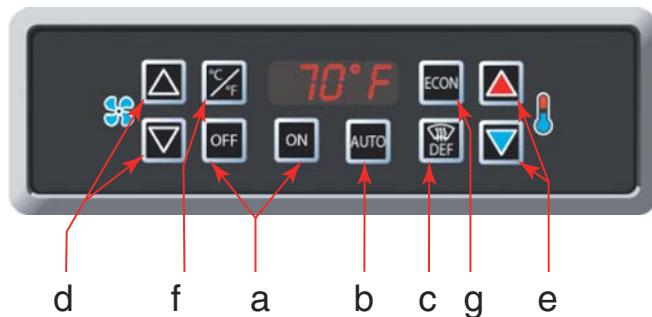


Figure 2-3-2 Cab Environmental Controls

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. C/F (Celsius/Fahrenheit)

Toggles the display units between degrees Celsius and degrees Fahrenheit. The display will show the units selected.

g. ECON (Economy Mode)

When depressed, locks out the A/C function. The control uses only fresh air, fan speed, and water valve control to maintain the set point temperature. Depressing the ECON key will return the system back to normal operation. A panel indicator light indicates when this mode is active. Note that defrost (DEF) overrides the ECON function.