



# CAT® MESSENGER

- ✓ Fuel Monitoring
- ✓ Theft Deterrent
- ✓ Trip Data
- ✓ Diagnostics
- ✓ Maintenance Information



Monitor Critical Performance and Operating Information





### ■ Fuel Monitoring

Messenger graphically displays and records fuel usage and average miles per gallon to monitor their individual performance in achieving fuel economy goals. A maintenance monitor on Messenger can be enabled to alert drivers to preventative maintenance inspections and oil changes. Messenger also provides lifetime total, trip totals, and driver totals.

### ■ Theft Deterrent

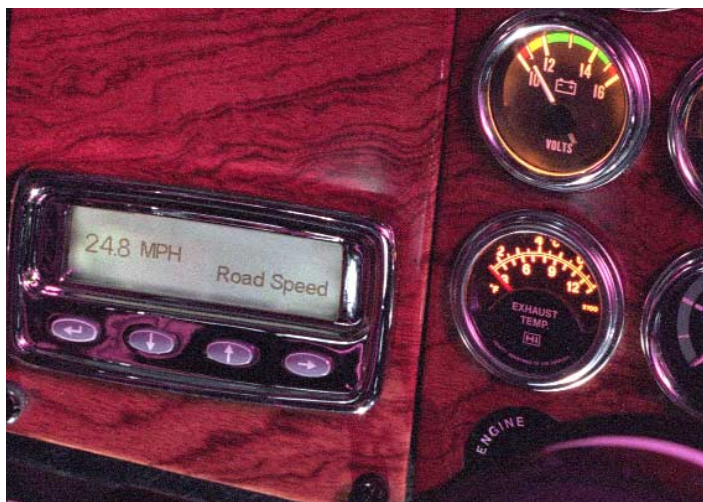
Messenger provides the capability to allow or prevent engine starting, or shut the engine down by entering a 4-character password into the display when the engine is at idle.

### ■ Trip Data

All of the parameters can be tied to trip segments or the engine history. A Driver or Fleet Trip Segment is available. For the Driver Trip Segment, the driver determines the start and stop points, and for the Fleet Trip Segment the vehicle owner determines the start and stop points. The Fleet Trip Segment can be tied to each state the vehicle operates in, as well as split between two Driver ID's.

### ■ Diagnostic Data

Provides diagnostic codes, with both a number, and a brief text explanation. Messenger displays the codes, indicating a potentially serious engine problem automatically.



### Features include:

- ◆ Flash software upgrades engines. Configurable for use in multiple applications
- ◆ Fully configurable graphics and menu structure for customization
- ◆ Dimmable backlight via either external dimmer input or display keypad
- ◆ 4 Integral Operator Input Buttons

### Engine Operating View

- ◆ Cruise control set speed
- ◆ PTO engine rpm set speed
- ◆ Fuel temperature to the engine
- ◆ Boost and oil pressure
- ◆ Coolant temperature
- ◆ Intake manifold temperature

### Vehicle Trip Information

- ◆ Fuel economy, fuel used
- ◆ Average vehicle speed
- ◆ Idle and PTO time
- ◆ Percent idle time
- ◆ Idle fuel
- ◆ PTO fuel

### Specifications

- ◆ Rugged, low-cost design. 32-bit processor, 24MHz 1Mb "Flash" Memory flash-able over data link 32K EEPROM/512K RAM
- ◆ Removable front bezels. 64(h)x240(w) fully graphic, transfective LCD allows viewing in all lighting conditions
- ◆ OEM Rear Panel or Front Mount. Mountable without bezels behind OEM panel dash. LED backlighting for long life and sharp contrast
- ◆ Environmentally hardened for adverse heavy duty off-road environments. Compact, durable and protected against adverse environmental conditions
- ◆ 8-Pin Integral Deutsch-DT Environmentally sealed connector

**For More Information:** Contact your local Cat dealer.