

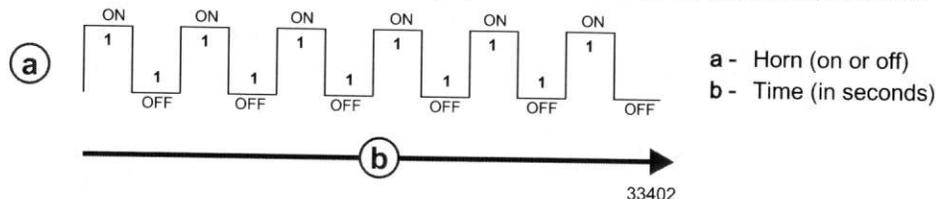
The Mercury MerCruiser power package may be equipped with an audio warning system. Most faults cause the warning horn circuit to activate. How the warning horn activates depends on the severity of the problem.

There are two warning horn states:

- Caution
- Severe

Caution

If a caution state is detected, the audio warning system will sound for six one-second intervals.



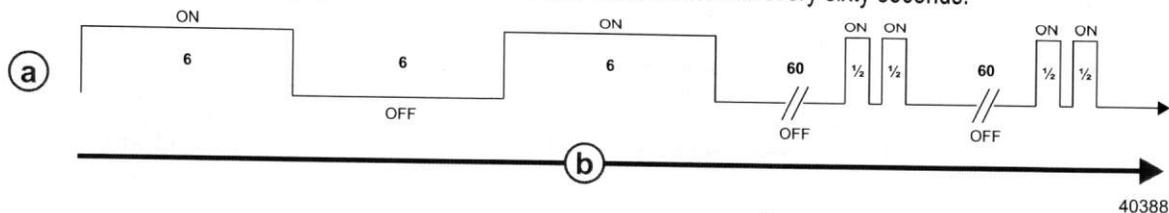
Below are some examples of a caution state:

- Drive oil is low (sterndrive models only)
- Sensor failure

Severe

IMPORTANT: Operators are advised to contact an authorized Mercury MerCruiser dealer if a severe fault is activated.

If a severe state is detected, the audio warning system sounds for six seconds, turns off for six seconds, and sounds for six more seconds. Then the audio warning system sounds for two half-second intervals every sixty seconds.



Below are some examples of a severe state:

- Transmission fluid temperature is too hot (inboard models only)
- Engine oil pressure is too low
- Engine temperature is too hot
- Seawater pressure is too low
- Transmission pressure is low (inboard models only)

Testing the Audio Warning System

1. Turn the ignition switch to the on position without cranking the engine.
2. Listen for the audio alarm. The alarm will sound if the system is functioning correctly.

Guardian Strategy

Engine Guardian reduces the potential for engine damage by restricting engine power when the program control module (PCM) detects a potential problem. Below are some examples of what Engine Guardian monitors on emission control models:

- Oil pressure
- Engine overspeed
- Exhaust manifold temperature
- Seawater pressure
- Engine coolant temperature

IMPORTANT: Guardian can reduce power anywhere from 100% to idle, depending on the severity of the problem. If forced to idle, boat speed might not respond to throttle operation.