

Q & A ABOUT CLEAN IDLE?

Engine Shutdown System

The California Air Resources Board (CARB) has implemented a requirement that new 2008 and subsequent model year (MY2008+) heavy-duty diesel engines must be equipped with an engine shutdown system that automatically shuts down the engine after 5 minutes of continuous idling operation with the parking brake engaged. Heavy duty diesel engines certified by CARB and used in buses from model year 2008 through 2023 are exempt from the engine shutdown system requirement. Model year 2024 and subsequent heavy duty diesel engines used in buses certified by CARB must comply with the engine shutdown system requirements in the California Code of Regulations (13 CCR § 1956.8). In lieu of the engine shutdown system requirements an engine may be certified to an optional NOx idling emissions standard.



H-Series

CARB Certified Clean Idle

Heavy duty diesel engines certified to the optional NOx idling emissions standard utilize a combination of engine and emissions management to limit NOx emissions during extended idling. The engine will control various actuators such as the turbocharger, EGR valve, and injection timing as well as emissions aftertreatment to achieve a reduction in emission at idle. Low NOx Idle will only become active if the engine has reached sufficient coolant temperature.

The Low NOx Idle operation is active up to 1200rpm so all potential idle speeds will operate with reduced emissions. The vehicle and engine can operate indefinitely at the set low engine idle speed. As a means to protect the engine, the vehicle may limit the amount of time that is spent at higher idle speeds. When this occurs, the engine idle speed will automatically ramp down to the set low idle speed. This engine ramp down may occur after approximately 30 minutes of uninterrupted engine idling.



X-Series



Certified Clean Idle Label

Diesel vehicles powered by an engine that has been certified to the optional low NOx idling emissions standard will display a label signifying its compliance. The Clean Idle Label when present will be located on the driver's side of the vehicle. The CARB Certified Clean Idle Label contains a picture of the state of California in the back ground to identify that the engine is certified by the California Air Resourced Board. The label design has additional features that prevent it from being tampered with or copied.

Can I idle anywhere if my vehicle is CARB Certified Clean Idle?

Numerous state and local laws exist that may limit a driver's ability to idle. Generally a diesel truck or bus that is CARB Certified Clean Idle will be allowed to idle in most areas and situations. Certain high risk locations may additionally restrict CARB Certified Clean Idle vehicles from idling. California prohibits diesel truck and buses from idling when at or near some restricted areas.

It is good idea to know the state and local laws governing idle in the areas you operate even if your vehicle is CARB Certified Clean Idle.

- Schools
- Homes
- Hospitals
- Senior facilities
- Childcare facilities

Within 100 feet of property line



What if a DOT inspector stops you for idling?

DOT inspectors are trained to identify vehicles that are CARB Certified Clean Idle by identifying a valid CARB Clean Idle Labels. Ensure your CARB Certified Clean Idle Label is visible and not damaged.

Can I get a replacement CARB Clean Idle Label?

The Clean Idle Label will come pre-installed on model year 2024 vehicles certified to CARB Clean Idle standards. If your Clean Idle Label becomes damaged or it becomes necessary to replace the window where the Label is installed, then you should contact Prevost parts and service for a replacement Clean Idle Label. All Clean Idle Labels are tamper proof and must come from the engine manufacturer. Clean Idle Labels are serialized and tracked with each vehicle.

Is there any other type of Certified Clean Idle vehicles?

Beginning with MY2024 vehicles, the U.S. EPA will certify vehicles to a Federal Clean Idle standard. If your vehicle already has a CARB Certified Clean Idle, you will not have a Federal Clean Idle Label. Many state and local laws will only accept a CARB Clean Idle Label to permit extended idling.