

J3 Engine Diagnostics™

Real-Time Delivery of 3 Types of Data: Engine Diagnostics, Driver Performance and Location

J3 ENGINE DIAGNOSTICS provides real-time data transmission of engine diagnostics, driver performance data and spatially encoded location information - all together - so fleet operations has a new way of improving operational efficiencies.

HOW IT WORKS

Typically, gathering engine fault code data is done by using expensive diagnostic equipment which requires the mechanic and vehicle to be together - in the same place at the same time. This means the code interpretation is occurring long after a problem, such as check engine light, first appeared and the damage to the vehicle has been done.

With Zonar's J3 Engine Diagnostics, vehicle electronic subsystems data can be read remotely and transmitted instantly to fleet operations at the same time the vehicle driver is seeing the blinking light. Zonar also delivers related engine condition and performance data like engine temperature along with the fault codes so the best possible real-time picture of the engine conditions exists. Now vehicle operators are able to make the best decision to protect the vehicle, themselves and cargo assets - in real-time.

While there are other remote engine diagnostic solutions, only Zonar is providing a solution that ensures both the latest and previous versions of the SAE data bus protocols are utilized, in a single device. This includes SAE J1708/1587, J1939 and (planned) OBDII. This is significant because the majority of fleets are mixed fleets, which means they have both older and newer vehicles so all 3 of these protocols are in use simultaneously. With Zonar, all fleets are now in a position to benefit from the powerful capabilities remote engine diagnostics provides with one device.

FEATURES AND BENEFITS

Fleet owners no longer have to rely on after-the-fact data about the performance of their vehicles. With Zonar, they have real-time visibility of the engine diagnostic and performance data they need to drive their business to greater operational efficiencies.

FEATURES	BENEFITS
Real-Time Engine Data	Directly from Vehicle into Back-Office Database
3 Kinds of Data - at 1 Time	Unprecedented Visibility: Engine, Driver, Location
3 SAE Data Protocols - in 1 Device	Mixed Fleets Supported Simply & Cost-Effectively
New Class of Data: Per Trip Metrics™	Trip Level Fuel Consumption & Odometer Reading
Geo-Coding Included	Map of Location comes with Engine Parameters
Processor and Data Storage Included	Makes Customization Straightforward
Precise Odometer and Engine Hours	Generates Daily Reports
Works with Existing Operations Software	Use Seamlessly with Zonar's Ground Traffic Control™
Regulatory Compliance	For Monitoring Idle time-limit Compliance

Zonar's J3 Engine Diagnostics™

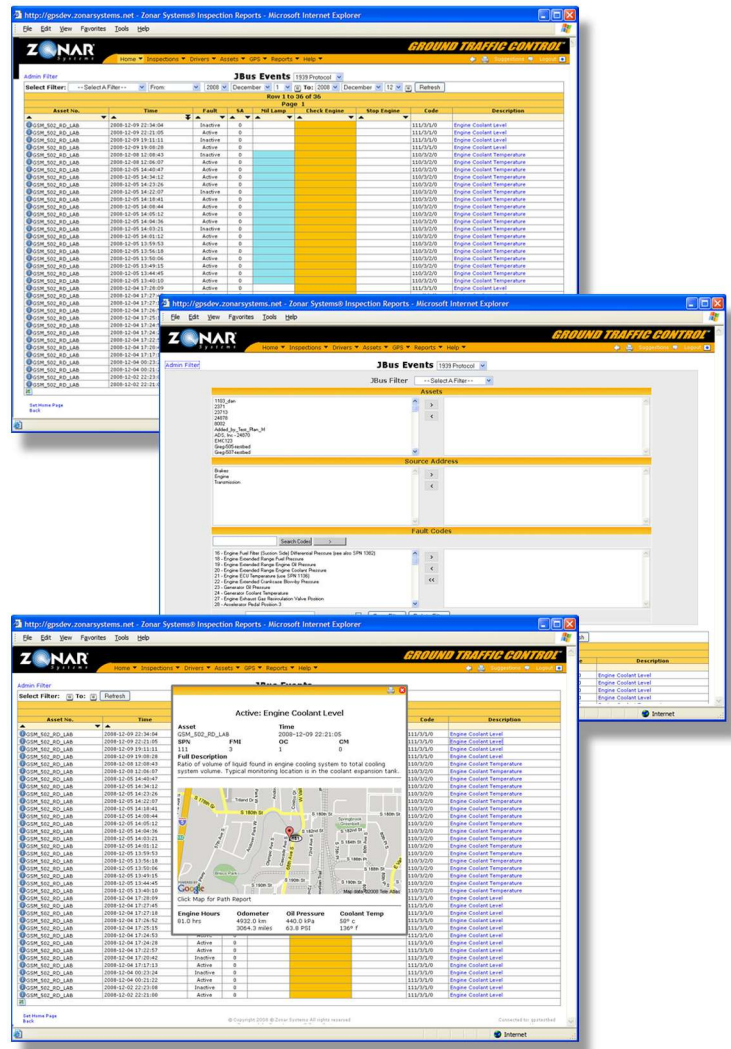
System Components & Specifications

COMPONENTS

- J3 Engine Diagnostics™ Module
- HD-GPS
- Ground Traffic Control™ Software
- Optional Electronic Vehicle Inspection Report (EVIR®)

SPECIFICATIONS*

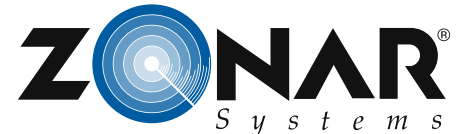
- Operating Temp -40C to +75C
- Remote Firmware Updatable
- Dimensions: 3.75" (95.25mm) L X 2.125" (53.975mm) W X 0.9" (22.86) H
- SAE J1708/1587, J1939 and (planned) OBDII Protocols



Zonar's J3 Engine Diagnostics provides a unique combination of services in one simple to deploy and affordable solution. As fleets work to do more with less, our real-time engine diagnostic capabilities provide what is needed to achieve greater operational efficiencies.

CONTACT US TODAY:

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*All specifications subject to change without notice.