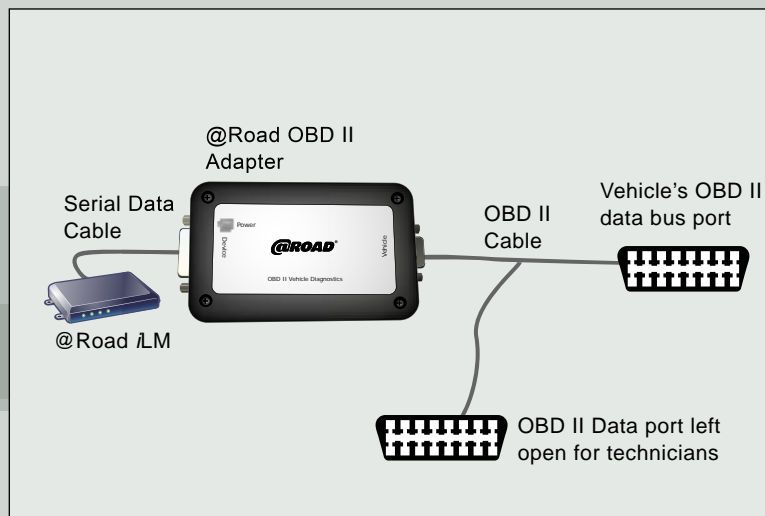# @Road OBD II Vehicle Diagnostics

Maximize the Efficiency of Your Fleet Operations

Fleet managers today need to run their operations with optimum efficiency, especially in the face of mission-critical challenges such as high fleet operations costs, recurring repairs and frequent vehicle downtime.

Designed for Class 1 to Class 5 light-duty vehicles, @Road OBD II Vehicle Diagnostics allows managers to remotely monitor vehicle performance, engine malfunctions and driver behavior to improve vehicle reliability and to reduce costs.

What is OBD II?

OBD II is a standard mandated by the Environmental Protection Agency (EPA) for emissions control of gasoline-powered vehicles. Developed by the Society of Automotive Engineers and adopted by the EPA and the California Air Resources Board, OBD II helps monitor parts of the chassis, body and accessory devices as well as the diagnostic control network of the car.

Experience the @Road Advantage

@Road OBD II Vehicle Diagnostics is an add-on feature to @Road GeoManager. It retrieves critical engine information from the vehicle's electronic control module and transmits this data through the @Road *i*LM. The manager or dispatcher can use this vehicle information to remotely monitor important

Reduce Repair, Maintenance and Operating Costs

Core benefits of @Road OBD II Vehicle Diagnostics:

- Optimized vehicle use
- Proactive preventive maintenance
- Reduced maintenance and repair costs
- Decreased vehicle and driver downtime
- Minimized time spent on SMOG compliance
- Increased and improved customer service
- Scheduled and exceptions (real-time) reports
- Potentially reduced operating and insurance costs
- Maximized vehicle warranty

How @Road OBD II Vehicle Diagnostics can help you keep your finger on the pulse of your fleet:

- Fault codes/fault description
- Driving time
- Idle duration
- Total trip duration
- Average speed
- Total stop count
- Start location
- End location
- Critical engine faults such as:
  - Low oil pressure
  - Very high coolant temperature
  - Sustained excessive engine speed

@ROAD®

engine parameters for proactive intervention and prevention of downtime. Critical data on engine faults such as low oil pressure, very high coolant temperature and sustained excessive engine speed can be derived from Trip Detail Reports or Trip Summary Reports. Reports are provided in a daily summary, or in real time according to customized exceptions.

Trip Detail Report shows vehicle data throughout the day.

Trip Summary Report shows averages at the end of the day.

Maximize Potential, Minimize Costs

@Road OBD II Vehicle Diagnostics is a sophisticated efficiency maximizer for the savvy fleet manager. It enables one to set exacting standards to achieve efficient operations across the entire fleet, leading to cost savings and improved ROI.

For new and existing @Road GeoManager_{SM} customers, @Road OBD II Vehicle Diagnostics is a valuable addition to @Road's array of Asset Management solutions. For managers of heavy vehicles, @Road also provides @Road J1708 Vehicle Diagnostics.

@ROAD®