VOYO.io

Remote Vehicle Monitoring for Complete Fleet Health

The Voyomotive platform provides embedded vehicle data on par with OEM telematics systems that is ideal for scheduled maintenance, remote diagnostics and predictive analytics. Service and parts providers can automate processes for price quotation, scheduling and inventory management to increase throughput while reducing operating costs.

Diagnostic Trouble Codes (DTCs)

VOYO with Scan Pro reads manufacturer and generic DTCs from all controllers on a vehicle. Reports include list of controllers and codes found, descriptions, symptom byte data, status and time/date/location code was set.

Engine Health

VOYO reports data on vacuum/exhaust leaks, low fuel pressure and loss of compression that can cause poor fuel economy or high emissions and before the problem is severe enough to set a DTC.

Emissions Compliance

Readiness Monitors show when a vehicle has self-tested the emissions control system. Readiness Monitors combined with DTCs and MIL status (Malfunction Indicator Lamp) determine if a vehicle is ready for testing or will fail.

Health Data Parameters

- Short Term Fuel Trims
- Long Term Fuel Trims
- Oxygen Sensor
- Air/Fuel Ratios
- Oxygen Sensor Voltages
- Oxygen Sensor Currents
- Engine Oil Temperature
- Coolant Temp.
- Fuel Economy
- Mass Air Flow
- MAP Sensor
- Engine Load
- Oil Pressure
- Oil Life

Readiness Monitors

Spark Ignition

- EGR System
- Oxygen Sensor Heater
- Oxygen Sensor
- A/C Refrigerant
- Secondary Air System
- Evaporative System
- Catalyst / Heated

Compression Ignition

- EGR System
- PM Filter
- Exhaust Gas Sensor
- Boost Pressure
- NOx/SCR Monitor
- NMHC Catalyst

ADDITIONAL SUPPORTED PIDS >

Freeze Frame Data

In addition to advanced PIDs and DTCs, VOYO provides data critical to a remote diagnosis. Exact operating conditions at the time of a fault helps determine why the fault happened and if it is likely to set again in the near future. Freeze frame data can also be used to identify intermittent problems that occur under specific conditions.

Advanced Analytics

Health Data and Readiness Monitors can be used to predict component failure including catalytic converters, oxygen sensors, and fuel injectors. In addition, Voyomotive's Lookout Alerts provide a range of analytics on vehicle health and driver. The platform also supports Intelematic's FailSAFE for predictive battery failure.

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