



SECURE HD - OBD

ARE YOU CARB HD I/M READY?



CYBERGUARD



California Air Resources Board (CARB)



Heavy-Duty Inspection & Maintenance Program (HD I/M)

Further Reduce Smog/Toxic Pollutants

- "Particulate Matter (PM)"
- Capture with Diesel Particulate Filters (DPF)
- Reduce NOx with Selective Catalytic Reduction (SCR)

Applies to 2013+ Diesel & 2018+ Alternative Fuel Vehicles 14,000 lbs+ GVWR

Roll out begins in California (2023), EPA/other states likely to follow!

Why CARB HD/IM is an Improvement...

On-board diagnostic data access

Mandatory Periodic Testing/Data Reports (2 per year)

- Sent to cloud

Emissions checks → Truck emissions component malfunctions

Automated Methods → Ensure Compliance over Vehicle's Operating Life

Dirty Truck Detectors – (PEAQs) Portable Emissions AcQuisition Systems

- Mobile/Stationary Real-time screening for high-emitting vehicles
- ALPR – Automated License Plate Reader flags for added inspections



DG TECHNOLOGIES
Vehicle Network Solutions
www.dgtech.com/cyber-security

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DG Technologies supports industry, state/government and college/vocational vehicle cybersecurity testing efforts



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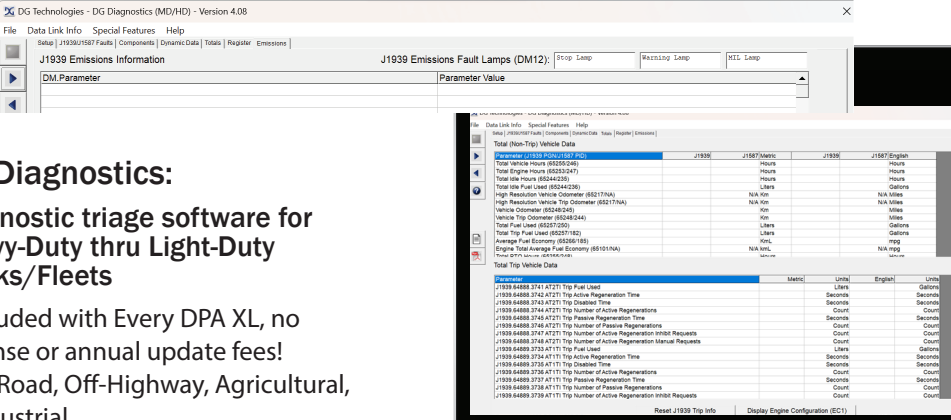


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Supports Validated CARB HD OBD Compliance Testing Software

- Proven Vehicle Communications Interface for CARB HD I/M
- Promotes Cybersecure data transfer of report data and history
- Simplifies Fleet Manager's compliance process
- Fully Functional OEM Diagnostics Support
 - Goes Far Beyond All "Single-Use" CARB HD I/M Devices
- Use with **FREE** DG Diagnostics to Self-Test Your Fleet!



DG Diagnostics:

Diagnostic triage software for Heavy-Duty thru Light-Duty Trucks/Fleets

- Included with Every DPA XL, no license or annual update fees!
- On-Road, Off-Highway, Agricultural, Industrial
- Supports Service Bay Fleet Repairs
- **Pre-Test / Remedy CARB HD-OBD Compliance Parameters**

- **Test, Clear & Retest: ECM Info & Emissions DTCs**

- Dynamic Monitoring of OBD Test Results & Vehicle Parameters
- Captures Active, Pending, Permanent Freeze Frame DTCs
- Record/Playback of Diagnostic Sessions
- HTML Vehicle Health & Status Report
- Supports popular protocols: CAN/J1939 & J1708/J1587 & More!



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