

Clean Truck Check (HD I/M) Program

Regulation Fact Sheet



The Heavy Duty Inspection and Maintenance Program (HD I/M) became effective on January 1, 2023. The California Air Resources Board (CARB) announced the program moving forward will be referred to as the Clean Truck Check.

The program applies to all diesel and alternative fuel vehicles with a gross vehicle weight rating (GVWR) of over 14,000 pounds, including all out-of-state and out-of-country vehicles.

What is Required in 2023?

CARB has deployed roadside emissions monitoring devices that will identify high emitter vehicles operating in California.

If you receive a Notice to Submit to Testing (NST) from CARB, the vehicle owner must submit a passing compliant test to CARB within 30 days.

Between October 1, 2023 and December 31, 2023, owners are required to report vehicles and pay the compliance fee for each vehicle in the [Clean Truck Check Online Database](#).

Online Database Reporting & Fee

Each vehicle must be reported to the [Clean Truck Check Online Database](#) and pay an annual \$30 fee by December 31, 2023.

A compliant vehicle will receive a valid Clean Truck Check compliance certificate. CARB developed a [training video](#) to assist users navigating the database.

Compliance Testing Frequency

Periodic Testing is expected to begin on an annual basis July 2024 and increase to semi-annual tests in 2025.

Starting 2027, the testing frequency will increase to four times a year.

Agricultural vehicles are subject to only annual compliance deadlines

Determining Compliance Year Start

Vehicles registered in California must submit a passing compliance test by the day and month of a vehicle's DMV registration expiration date.

You can submit a passing compliance date within 90 days prior to a vehicle's compliance deadline.

Jump to the [Compliance Testing Deadlines Section](#) for more detailed information.

On Board Diagnostic (OBD) Compliant Vehicles

An OBD-equipped vehicles means one of the following:

- Model year 2013 and newer diesel engines
- Model year 2013 and newer diesel hybrid engines
- Model year 2018 and newer alternative fuel engines
- Model year 2018 and newer alternative fuel hybrid engines

OBD-equipped vehicles must complete OBD compliance test.

An OBD test is performed using an approved testing device such as a scan tool, which will collect information to validate the vehicle's emission system is operating properly.

A compliance test must be performed and submitted to CARB by a credential tester.

Non-OBD Equipped Vehicles

A non-OBD equipped vehicle (vehicle with a 2012 or older model year engine) must conduct an SAE J1776 smoke opacity test and a vehicle emissions control equipment inspection with an approved credentialed tester.

The vehicle emissions control equipment inspection form can be found on the [Clean Truck Check website](#).

Non-OBD alternative fuel vehicles such as propane, CNG, and LNG are exempt from the testing requirements.

On-Board Diagnostic (OBD) Devices

While older vehicles require a smoke opacity test and a visual inspection, vehicles with model year 2013 and newer diesel engines and model year 2018 and newer alternative fuel engines are required to submit On-Board Diagnostic (OBD) data instead.

Owners of vehicles that have been identified as possible high emitters will receive a Notice to Submit to Testing (NST) that direct owners of affected vehicles to submit them to additional testing.

OBD equipped vehicles must conduct tests using an approved OBD Test Device.

How Do I Remain Compliant with CARB?

To perform tests yourself:

Obtain a Tester ID # by successfully completing the [free online training session from CARB](#).

Next, purchase the testing system from an approved CARB vendor:

- [HEM DAWN OBD Inspector](#) (runs on iPhone and iPad)
- [Silver Snap-Tool software](#) (runs on your Windows laptop with Win 10/11 with Intel or AMD processor).

What Will This Cost Me?

A complete package is available for less than \$1,600 can be used by multiple testers and on multiple trucks.

The [DAWN OBD Inspector](#) pricing is as follows:

- The Mini Streamer hardware purchase is \$395 (one-time fee)
- The software license is \$995 (one-time fee including first year)
- The yearly renewal is \$500

The [Silver Snap-Tool](#) pricing is as follows:

- \$500 for the Silver Snap-Tool license (one-time fee) and
- \$504 for use of the cloud service (annual fee) which includes:
 - Unlimited data submissions to CARB
 - Access to all Silver Snap-Tool updates
 - Technical support

In the next year, CARB expects to approve a telematics based device that will submit data to CARB while operating in the background and will not require a motor carrier to pull a vehicle out of service to submit a test.

CARB cites the most common protocols for Heavy-Duty/Medium-Duty vehicles are SAE J1939 and J1979.

In general, vehicles with Ford/Hino/Isuzu/Volvo engines are using the SAE J1979 (or OBD II) connector, and vehicles with Cummins/Detroit Diesel/Navistar/Paccar engines are using the SAE J1939 connector.

Visit CARB's [Clean Truck Check Certified OBD Test Device's Webpage](#) for more information.

Compliance Testing Deadlines

Compliance testing is expected to begin July 1, 2024 and will require a vehicle to submit and pass a compliance test once in 2024.

Vehicle operators must submit a compliance test by the deadline which is the vehicle's DMV registration expiration day.

Vehicle operators can submit a compliance test to CARB 90 days in advance to your compliance deadline.

Example: If your registration expiration date is November 30, your window to submit a passing test is between September 2—November 30.

If your vehicle registration in 2024 is between January to June, your compliance deadline will fall under the following month:

DMV Registration Expiration Month	January July	February August	March September	April October	May November	June December
Compliance Deadline Month	July	August	September	October	November	December

Starting 2025, vehicle operators must conduct a compliance test twice a year or once every six months.

Out-of-State Motor Carrier Compliance Deadlines

Motor carriers operating vehicles with apportioned plates or registration based outside of California will conduct compliance tests based on the last number of the vehicle's VIN.

Compliance testing is expected to begin July 1, 2024 and will require a vehicle to be tested once in 2024. You can submit a compliance 90 days in advance to your compliance deadline.

Your deadline to submit a compliance tests is based on the last digit of your vehicles VIN.

If your vehicle registration in 2024 is between January to June, your compliance deadline will fall under the following month:

0	1	2	3	4	5	6	7	8	9
October	November	December	July	August	September	October	November	December	July

Here's a timeline of the semi-annual tests that must be conducted in 2025:

0	1	2	3	4	5	6	7	8	9
First Compliance Deadline									
January 31 - April 30	March 2 - May 31	April 2 - June 30	May 2 - July 31	June 2 - August 31	July 2 - September 30	January 31 - April 30	March 2 - May 31	April 2 - June 30	May 2 - July 31
Second Compliance Deadline									
August 2 - October 31	September 2 - November 30	October 2 - December 31	November 2 - January 31	December 1 - February 28	December 31 - March 30	August 2 - October 31	September 2 - November 30	October 2 - December 31	November 2 - January 31

Motor carriers operating vehicles with apportioned plates or registration based outside of California will conduct compliance tests based on the last number of the vehicle's VIN.

The compliance year is based on the last number on a vehicle's VIN:

0	1	2	3	4	5	6	7	8	9
October	November	December	January	February	March	April	May	June	July

Submitting Non-OBD Test Results to CARB

The Credentialed Tester who performed the vehicle compliance test must email the following information to CARB:

- Send email to HDVehicleenforcement@arb.ca.gov
- Subject line must contain: "Non-OBD Vehicle Compliance Test; VIN, HD I/M Tester ID"
- Attach the completed and signed [Vehicle Emissions Control Equipment Inspection Form](#)
- Scan, upload, and attach the smoke test opacity strip or electronic test results

Credentialed Tester Training

Clean Truck Check credentialed tester certification is valid for two years from the date of the successfully completing all requirements. Only credentialed testers can submit data to CARB. Tester training is available on the [Clean Truck Check website](#).

Enforcement

The Department of Motor Vehicles (DMV) will block registration on California-based vehicles that have not demonstrated compliance. Non-compliant vehicle owner's will be subject to fines comparable to the Truck & Bus Rule.

CARB has deployed roadside emissions monitoring devices that will identify high emitter vehicles operating in California. If you receive a Notice to Submit to Testing (NST) from CARB, the vehicle owner must submit a passing compliant test to CARB within 30 days.

CARB will send a confirmation email within 72 hours to the credentialed tester verifying the result of the Non-OBD Vehicle compliance test.

Parts Unavailability Time Extension

A vehicle owner must submit the following information from at least one repair facility to a referee to be recommended for a compliance time extension due to an unavailability of parts:

1. The repair(s) that is needed to correct the vehicle's non-compliance issue.
2. The part(s) needed to repair the compliance issue.
3. What part(s) needed to repair the compliance issue are unavailable.
4. The reason(s) as to why the part(s) are unavailable.
5. An estimate as to when the parts are expected to become available.
6. Repair facility contacted in an effort to complete the needed vehicle repairs:
 - Business name.
 - Business address.
 - Business contact information.
8. Evidence of an effort to contact repair facilities after the noncompliance issue was first identified.

Five-Day Pass

A once-a-year temporary pass that allows operation of a vehicle in California for five consecutive calendars without the vehicle being compliant with the Clean Truck Check program. A vehicle owner must submit an application to the Executive Officer.

Freight Contractor and Facility Requirements

Any freight contractor shall only contract with compliant vehicles or fleets. Any freight facility must ensure that only compliant vehicles enter and operate on their property. Facilities must maintain records of all vehicles that enter the facility property that are not compliant with the smog check program.