

Heavy-Duty Inspection and Maintenance (HD I/M) Regulation: Periodic HD I/M Testing Requirements



October 31, 2022

This Fact Sheet presents information on the HD I/M regulation applicable to heavy-duty vehicles operating in California and describes requirements for periodic compliance testing. These requirements will not begin before January 2024 and only after the California Air Resources Board (CARB) has provided advance public notification. A separate Fact Sheet presents background information on the HD I/M regulation and describes requirements that start in January 2023.

PERIODIC TESTING REQUIREMENTS

How will I know when periodic HD I/M compliance testing begins?

HD I/M periodic compliance testing for all vehicles that operate in California will start no earlier than January 1, 2024. Before these requirements can take effect and be enforced, CARB will provide at least 90 calendar days advance notice on the California Regulatory Notice Register and on CARB's website. CARB will also notify vehicle owners through outreach activities such as training sessions, targeted email campaigns, and program announcements delivered straight to your email inbox when you subscribe to receive HD I/M program updates. We strongly recommend you subscribe to receive these updates at:

<https://public.govdelivery.com/accounts/CARB/subscriber/new?topid=hdim>.

How often will my vehicles require a periodic HD I/M compliance test?

Upon implementation of HD I/M periodic compliance testing, nearly all vehicles will be required to undergo twice per year testing with results submitted to CARB. **On-road agricultural vehicles and California-registered motorhomes only will be required to undergo testing once per year.**

Three years after the start of HD I/M periodic compliance testing, on board diagnostics (OBD) equipped vehicles will be required to undergo testing four times per year. **On-road agricultural vehicles and California-registered motorhomes will remain on the once per year testing frequency, even if equipped with OBD.**

What are the due dates for my vehicles' periodic compliance testing?

For California-registered vehicles, the due dates, called compliance testing deadlines, are linked to each vehicle's DMV registration expiration/renewal date. Passing HD I/M test results may be submitted up to 90 days before a compliance deadline.

As an example for twice per year testing, if a vehicle's registration renewal date is March 15, the first compliance test results may be submitted up to 90 days before March 15, but no later than that date. The second compliance test results would be due 6 months later by September 15 and could also be submitted up to 90 days ahead of that date.

What are the compliance deadlines for out-of-state vehicles and other vehicles not registered in California?

For vehicles registered outside of California and for vehicles exempt from DMV registration requirements (e.g., public agency vehicles, some federal vehicles), compliance deadlines are based on the last number of a vehicle's VIN as shown in the table below. Passing HD I/M test results may be submitted up to 90 days before a compliance deadline.

As an example for twice per year testing, if a vehicle's VIN ends in 9, the first compliance test results would be due by the last day of July, and the second compliance test results would be due six months later by the last day of January.

Last Number of VIN	0	1	2	3	4	5	6	7	8	9
Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July

How must my vehicles be tested?

The type of HD I/M compliance test your vehicle will undergo does not change. The testing requirements depend on whether your vehicle/engine is equipped with OBD or not.

OBD equipped vehicles are required to undergo a scan of the engines' OBD data using a CARB-validated OBD test device.

Non-OBD vehicles, i.e., those that don't meet the engine model year requirements above, are required to undergo a smoke opacity test and a visual inspection of the vehicle's emissions control equipment, referred to in this program as the Vehicle Emissions Control Equipment Inspection. The smoke opacity test is the same

SAE J1667 snap acceleration smoke inspection used to comply with CARB's Periodic Smoke Inspection Program (PSIP).

Which vehicles have OBD systems?

Diesel vehicles (including hybrids) with 2013 and newer model year engines have OBD. Alternative fuel vehicles (including hybrids) with 2018 and newer model year engines have OBD.

OTHER REQUIREMENTS

Is screening for high-emitting vehicles still in effect?

Yes, high-emitter vehicle screening that began in January 2023 using roadside emissions monitoring devices remains in effect. Even if your vehicle passes its periodic compliance tests, it still may be identified as a potential high emitter in between testing intervals. If you receive a Notice to Submit to Testing (NST), a passing HD I/M compliance test must be submitted to CARB within 30 calendar days of receipt. Be sure to follow the instructions in the letter you receive from CARB and don't wait until the last day to get your vehicle tested and submit test results to CARB. Once CARB determines your vehicle is compliant, there is nothing more you will need to do in response to the NST.

Do I still need to perform annual PSIP inspections once HD I/M periodic testing starts?

No. CARB will sunset PSIP when periodic compliance testing goes into effect within the HD I/M program.

What if I add or remove a vehicle from my fleet?

Vehicle owners are responsible for maintaining accurate account information and must update vehicle information within 30 calendar days of a transaction to add or remove a vehicle.

HOW TO GET MORE INFORMATION ON THE HD I/M REGULATION

How can I receive updates on HD I/M program activities?

To receive automatic email updates on HD I/M program implementation and other activities, sign up on the GovDelivery list at [California Air Resources Board \(govdelivery.com\)](https://www.govdelivery.com).

Where do I get additional HD I/M program information?

For more information, go to:

<https://ww2.arb.ca.gov/sites/default/files/truckstop/hdim/hdim.html> or
<https://ww2.arb.ca.gov/our-work/programs/heavy-duty-inspection-and-maintenance-program>.

You may also view CARB's training modules developed for the HD I/M Tester Training Course at: <https://ww2.arb.ca.gov/sites/default/files/truckstop/azregs/training.html>. Scroll to the Helpful Videos section to view them. These modules provide more in-depth information on the requirements of the HD I/M regulation and testing procedures that may be helpful to vehicle owners.

Where can I find the text of the final HD I/M regulation?

The HD I/M regulation, referred to as the final regulation order, is in title 13, California Code of Regulations, sections 2195 - 2199.1 and is available here:

<https://ww2.arb.ca.gov/sites/default/files/barcu/regact/2021/hdim2021/hdi-mfroatta-1.pdf>.

If I have additional questions, how do I contact CARB?

Please email staff at hdim@arb.ca.gov. We generally respond within three to five business days.