
CALIFORNIA VEHICLE INSPECTION SYSTEM (CAL-VIS) ENHANCEMENTS



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BAR ADVISORY GROUP MEETING
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TRANSITION TO NEW VENDOR

- Oncore Consulting took over maintenance and operations (M&O) on 11/1/19
 - Cost per test fee reduced from \$1.08 to \$.7036
 - Estimated savings of \$2.8 million to date
 - Over 10 years, an estimated savings of \$46 million
 - Established enrollment, billing, and help desk portal
 - Secure electronic delivery of invoicing and reporting
 - Secure self-service of banking information for payment of transaction fees and purchase of inspection certificates
 - Enrolled over 90% of target stations prior to 11/1/19
 - Exceptional geographic coverage
 - No disruption of service to consumers and stations
 - Enrolled 6,687 (94%) stations on ACH (as of 3/20/20)

RECENT ACCOMPLISHMENTS

- Created comprehensive Database Roadmap capturing all currently planned database enhancements
- Created comprehensive Hardware/Software Roadmap to improve maintenance and enhancement of Cal-VIS
- Established a Security Assessment Program and Roadmap
- BAR-OIS enhancement and defect releases
 - Release 19.4
 - Release 20.1

BAR-97 ACCOMPLISHMENTS

- Offline testing disabled on 4/1/20
- 2017 Specification Software update
 - Analyzers without update locked out on 4/1/20
 - Integrates LPFET data with inspection data (no phone line required for upload)
 - Removed diesel fuel type
 - Allow entry for no dyne in Basic Areas
 - Ability to recall and view pretest results

BAR-OIS RELEASE 19.4

- Updated software to improve security
- Fixed BAR web page Tutorial and FAQ links on BAR-OIS download and registration page
- Updated sandbox environments for improved BAR certification testing

BAR OIS RELEASE 20.1


- Safety Recall Data Update
 - Open recalls are retrieved during BAR-OIS inspection
 - Open recalls are displayed to the Inspector
 - Open recalls are provided to the consumer on the Vehicle Inspection Report (VIR)
 - Vehicle Recall Search Service (VRSS)
 - Developed by Carfax and the Alliance of Automobile Innovation, representing 99% of light-duty vehicles sold in U.S.
 - Supports consumer protection and positively influences safety recall compliance rates in California
 - Existing DMV emissions recalls continue to appear

20.1 OPEN SAFETY RECALLS SCREEN SAMPLE

California BAR-OIS

File Help SGS

BAR OIS TEST STATION 999920
RM999920
10949 NORTH MATHER BOULEVARD
RANCHO CORDOVA, CA 95670
CV001162

 *california*
BAR-OIS
CDTRC-UAT-20.1

Not the Correct Station? [Click here.](#)


[Logout](#)


Vehicle Recalls

The open recalls for your vehicle are listed below. Recall information is provided as a customer courtesy and is not considered part of the Smog Check inspection.

NHTSA Number	Manufacturer Campaign #	Recall Date	Status	Description
16V381	2049151	7-5-2016	RemedyNotYetAvailable	Passenger Airbag Inflators

[Continue](#)

 Perform Inspection

 Gather Info

[Abort](#)

20.1 EMISSIONS RECALL SAMPLE VIR

Smog Check Vehicle Inspection Report (VIR)

Vehicle Information

Test Date/Time: 03/10/2020 @ 10:11 AM

Model Year:	2015	Vehicle Make:	RAM	Vehicle Model:	5500
VIN (scanned from vehicle):	3C7WRMBL4FG670849				
VIN (manually entered or from DMV document):	3C7WRMBL4FG670849				
License Plate:	60042X1	License State:	CA	Fuel Type:	Diesel
Certification Type:	California	Odometer:	999	GVWR:	16,001 - 19,500

Supplemental Recall Information

The open recalls for your vehicle are listed below. Recall information is provided as a customer courtesy and is not considered part of the Smog Check inspection.

There was 1 recall identified for this vehicle.

<u>NHTSA Number</u>	<u>Manufacturer Campaign #</u>	<u>Recall Date</u>	<u>Status</u>	<u>Description</u>
	U84	12/10/2018	RemedyAvailable	2013-2015 D TRUCK 6.7L CUMMINS SCR WASHCOAT - U.S.

What is a recall?

A recall is issued when it is determined that there is either an unreasonable risk to safety or an issue related to vehicle emissions. The vehicle manufacturer is required to fix the vehicle at no cost to the consumer.

What should I do about the listed recalls?

If your vehicle is included in this recall, it is very important that you get it fixed as soon as possible given the potential risks to you and your passengers if it is not addressed. Contact your vehicle manufacturer/dealer to arrange for repairs or check www.nhtsa.gov/recalls for more information.

BAR-OIS RELEASE 20.2

- Update rollout schedule
 - Beta Stations on 7/22/20
 - All Stations on 8/3/20
- Vehicle Specific Messaging
 - To communicate OBD testability issues like those in the OBD Test Reference document
 - Messaging to Inspector on BAR-OIS
 - Messaging to consumer on VIR

BAR-OIS RELEASE 20.2 (Continued)

- Adds message for vehicles that have PZEV warranty and fail BAR-OIS Inspection
 - Inspector required to accurately enter the Emissions Test Group number from VECI label
 - Displays emissions warranty on screen for the Inspector and provides messaging on the VIR
 - “Your vehicle is a Partial Zero Emissions Vehicle (PZEV) and may have an emissions warranty of 15 years or 150,000 miles. Your vehicle may also have a PZEV hybrid battery system warranty of 10 years or 150,000 miles. Smog Check failures related to lack of scheduled maintenance and other specified conditions may void these warranties. Refer to your owner’s manual or the vehicle manufacturer for more information.”

PZEV WARRANTY MESSAGE SAMPLE VIR

Smog Check Vehicle Inspection Report (VIR)

Vehicle Information

Test Date/Time: 12/17/2018 @ 3:28 PM

Model Year: 2014	Vehicle Make: TOYOTA	Vehicle Model: PRIUS
VIN (scanned from vehicle): JTDKN3DU4E0000000		
VIN (manually entered or from DMV document): JTDKN3DU4E0000000		
License Plate: RECALL	License State: CA	Fuel Type: Hybrid engine (gas/electric)
Certification Type: Referee	Odometer: 45354	

Overall Test Result

FAIL

Your vehicle failed the Smog Check inspection. You may be eligible for repair assistance or vehicle retirement from the Bureau of Automotive Repair's (BAR) Consumer Assistance Program. To apply, visit www.bar.ca.gov or call (866) 272-9642.

Your vehicle is a Partial Zero Emissions Vehicle (PZEV) and may have an emissions warranty of up to 15 years or 150,000 miles. Your vehicle may also have a PZEV hybrid battery system warranty of 10 years or 150,000 miles. Smog Check failures related to lack of scheduled maintenance and other specified conditions may void these warranties. Refer to your owner's manual or the vehicle manufacturer for more information.

Visual Inspection: PASS Functional Inspection: FAIL

Visual Inspection Result Information

<u>Result</u>	<u>Inspection Category</u>	<u>Result</u>	<u>Inspection Category</u>
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BAR-OIS RELEASE 20.3

- Quarter #3 2020 release to Production
- Adds capability to ID vehicle computer and software tampering causing vehicle to fail inspection (CALID/CVN)
- Allows for dynamic testing (like two-speed idle) by station to collect new data for enhanced fraud detection

ON THE STRATEGIC HORIZON

- Biometric authentication of BAR-OIS users and integration of web cameras
 - Regulation being drafted
 - Public workshop pending
 - Tentative rollout in late 2021 pending regulations
 - Voluntary enrollment and usage could start earlier
- Digital brake and lamp inspection
- Data Acquisition Device (DAD) 2.0
 - Design Phase for major DAD enhancement that includes technical requirements
 - Additional data collection in support of future vehicle model years and enhanced fraud detection

QUESTIONS AND COMMENTS

Submit questions and/or comments to:

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