

Vehicle Registration Failure in the State of California due to ARB Adoption of BAR-OIS Modified Software Regulations

Topic number	LI07.61-P-073379
Version	1
Function group	07.61 - ME fuel injection/ ignition system
Date	7/27/21
Validity	All vehicles MY05 or higher attempting registration in the state of California
Reason for change	

Complaint

Customer states that their vehicle was denied registration in the State of California due to a CVN mismatch when attempting to pass SMOG at a STAR or Referee station.

Cause

Beginning July 19, 2021 BAR-OIS inspected vehicles will begin failing when illegally modified emission control system software is identified.

- All vehicles requiring BAR-OIS inspection are subject to the modified software check.
- Each vehicle's OBD data is analyzed and compared to data from similar vehicles
- If the inspected vehicle's data does not match an approved configuration the vehicle fails for "Modified Software"
- California Air Resources Board (CARB) Executive Order (EO) approved software will be allowed
- The vehicle's software must be restored to an OEM version or a CARB EO approved version
- Once restored, the vehicle may be retested at any licensed Smog Check station
- Vehicles initially directed to a STAR or Referee station must return to tat station to complete the inspection process

Remedy

Create a PTSS case

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note