

Reference	SSM72805
Models	S-TYPE / X200 X-TYPE / X400 XJ / X350 XK / X100
Title	A Vehicle Which Does Not Pass State Inspection in California.
Category	Driveability
Last modified	08-Jun-2016 00:00:00
Symptom	623000 Emissions Compliance

ContentIssue:

A customer may raise a concern of their vehicle not passing state inspection in California and there is no warning light or other suggestion of a fault.

Cause:

The inspection method in the state of California has been subject to recent changes. The vehicle may have failed a Smog Check inspection because the OBD system has not set the readiness monitors. In summary:

- The California Bureau of Automotive Repair implemented the following changes during 2015:
 - Requirements to use specific test equipment statewide.
 - Revised OBD Readiness Monitor Standards mean vehicles will not be allowed to pass if any monitor other than the evaporative system is incomplete.

Action:

- Confirm the vehicle does not have any warning lights displayed in the instrument cluster and no faults are logged in the vehicle's ECU's which could prevent a monitor from completing, or mean a monitor has failed.
- If any faults are observed, please refer to TOPIx and work to resolve those before attempting to complete the monitors.
- Monitor completion is dependent on properly functioning components, check to make sure emissions related components are operating as designed by following diagnosis and testing information listed within TOPIx workshop manual.
- Once the vehicle is confirmed to be fault free, follow the drive cycle information listed in the following location of TOPIx:
 - Documents > Diagnostics > General > OBD II System Information
 - J-OBD-013-22 V6 AND V8 EMS - Denso 32 bit V6 and V8 ECM S-TYPE 2002 MY ON, X-TYPE 01 -08 MY, XKR & NEW XJ 03 - 05 MY
- Check to ensure which monitors are complete.
 - If all monitors other than evaporative emissions is incomplete, return the vehicle to the customer so it can presented for inspection (this monitor will complete under specific conditions when driven by the customer).
 - If any monitor other than evaporative emissions is incomplete, raise a TA with the helpline to seek further assistance.