

Failed Smog Check due to EGR/VVT OBD Monitoring

AFFECTED VEHICLES

Year	Model	Engine
2019	CR-V	L4 2.4L
2019–25	Odyssey	V6 3.5L
2019–22	Pilot	V6 3.5L
2019–25	Passport	V6 3.5L
2019–25	Ridgeline	V6 3.5L

BACKGROUND

Due to On-Board Diagnostic (OBD) regulation change starting with 2019 vehicles, American Honda's Variable Valve Timing and Lift Electronic Control (VTEC) On-Board Diagnostic monitors are now included in the EGR/VVT OBD Monitor Readiness status group.

GENERAL INFORMATION

Due to some customer's driving patterns, they may not drive in the fashion needed to operate the VTEC (EGR/VVT) that only operates above **5,350 rpm** to run the OBD monitoring. Therefore, the EGR/VVT OBD monitor group readiness status is not set to "Complete" when the customer presents their vehicle to a Smog Check station for inspection.

To better understand how to properly complete the OBD Monitor readiness for the VVT/VTEC monitor group the following drive pattern can be completed by the customer or dealer:

Here's what you can do to make short work of setting the readiness status to "Complete":

- Select a nearby lightly traveled highway where you can maintain a speed of **50 to 60 MPH (80 to 97 km/h)**.
- **Do Not** exceed posted speed limits.
- **Do Not** use cruise control.

Perform the following when traffic allows:

1. Before entering the highway, come to a complete stop.
2. Place the transmission into sequential mode by pressing the D/S shift select button (or use L/S mode for CVT equipped vehicles). Using the paddle shifters (or shift lever for CVT) to control the shift points, begin accelerating up to **50 to 60 MPH**, while maintaining **5,500 to 6,500 engine RPM** continuously for at least **10 seconds**.
3. Then, place the transmission into DRIVE and continue for **90 seconds** while maintaining a steady throttle pedal position. (Vehicle speed may vary slightly; this is okay.)

NOTE: If you are not able to do this for a continuous 90 seconds due to traffic conditions, drive for at least **30 seconds**, then repeat (steady throttle pedal position for **30 seconds**) two more times (for a **total of 90 seconds**).