

Electric OHV/eMotos EPA Emissions Label Standards

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New Information

This memo clarifies federal emission labeling requirements for registering electric on-highway and off-highway motorcycles (eMotos) with a motor displacement of less than 50 cubic centimeters (cc).

This memo supersedes all previous issued memos.

Off-highway electric recreational vehicles (OHRVs) and off-highway eMotos do **not** require a federal emission label or a California Air Resources Board (CARB) label.

An eMoto is classified as an off-highway motorcycle with the following requirements:

- Designed to operate primarily off highway
- Powered by electric motor
- Handlebars for steering
- Straddle seat (provided by the manufacturer)
- Two wheels
- No pedals

Procedures

An eMoto is subject to off-highway vehicle registration requirements. Follow the procedures in the *Vehicle Industry Registration Procedures (VIRP) Manual*, Chapter 15.

NOTE: Use the electric motor number or vehicle identification number (VIN) in place of an engine number in the *Inquiry Screen*.

Follow the chart below to determine when an emission label is required and procedures:

OHRV Emission Label Requirements			
Type	Description	CARB Emission Label	FEDERAL EPA Label
Electric OHRV	• Off-Highway Motorcycle (eMoto) • All-terrain vehicles • Off-road utility vehicles • Off-road sport vehicles • Sand vehicles	Not required unless OHRV is a part of a “fleet”.	Not required

Procedures, *continued*

For OHVR Processing

<i>If a/an</i>	<i>Then</i>
Original application	- The Vehicle Verifier must ask owner if the vehicle is a part of a fleet. - If not part of a fleet, the label is not required. Complete REG 31 and go to step 2. - If the answer is yes, look for CARB's vehicle emission control information (VECI) label. NOTE: If a fleet vehicle does not have a CARB VECI label, inform the customer they must obtain the label from CARB. - Add "fleet" to the remarks section of the REG 31. - Process following the procedures in <i>VIRP Manual</i>, Chapter 15.
Renewal, with an incorrect sticker previously issued and vehicle license and title (VLT) stop on record	- Suspend the application to headquarters with: - Complete Application for Replacement Plates, Stickers, Documents (REG 156). - Complete Statement of Facts (REG 256). - A new Vehicle of Verification (REG 31) form must be completed. - The Vehicle Verifier must ask owner if the vehicle is a part of fleet. - If not a part of a fleet, the label is not required, complete REG 31 and go to step 2. - If the answer is yes, look for CARB's VECI label. NOTE: If a Fleet vehicle does not have a CARB VECI label, inform the customer they must obtain the label from CARB. - Add "fleet" to the remarks section of the REG 31. - Process following the procedures in <i>VIRP Manual</i>, Chapter 15. - Use the Electric Motor Number or the VIN in place of the engine number on <i>the Inquiry Screen</i>. - Ensure a green OHV sticker is issued. - Collect the renewal fees, if due.

Procedures, *continued*

<i>If a/an</i>	<i>Then</i>
Renewal, with incorrect sticker previously issued and no stop on record	1. Complete REG 156. 2. Complete REG 256. 3. A new REG 31 must be completed: • The Vehicle Verifier must ask owner if the vehicle is a part of fleet. • If not a part of a Fleet, the label is not required, complete REG 31 and go to step 4. • If the answer is yes, look for CARB’s VECI label. NOTE: If a fleet vehicle does not have a CARB VECI label, inform the customer they must obtain the label from CARB. • Add “fleet” to the remarks section of the REG 31. 4. Process following the procedures in <i>VIRP Manual</i>, Chapter 15. • Use the Electric Motor Number or the VIN in place of an engine number on the <i>Inquiry Screen</i>. • Ensure a green OHV sticker is issued. 5. Collect renewal fees, if due.

On-Highway/Street Legal Electric Motorcycles (eMotos) Emission Label-Required			
<i>Type</i>	<i>Description</i>	<i>CARB Emission Label</i>	<i>Federal EPA Label</i>
Zero emission/electric street use motorcycles	*Motorcycles, less than 50 cubic centimeters (cc) displacement, with motor	Not required	Required - U.S. EPA Vehicle Emission Control Information (VECI)
Street use gas powered motorcycles	*Street-use Motorcycles, less than 50cc displacement, with engine *	Not required	Required - U.S. EPA VECI *
* NOTE: Authorized vehicle verifiers must check both boxes for “Vehicle meets US EPA standard only” and “Engine displacement less than 50cc (cubic centimeters) when completing a REG 31.			

Background

This memo provides clarification and instructions for eMotos and OHRVs regarding previously denied registration that qualified for registration based on emissions requirements.

References

California Code of Regulations Title 13 Division 3 (CARB), Chapter 9, Article 3, §§1958 and 2419.4

Senate Bill 586 Off-Highway Electric Motorcycles (eMotos)

Vehicle Code (VC) §§436, 38010, and 38012

Vehicle Industry Registration Procedures Manual, Chapter 15

VIN 2026–01 Off-Highway Electric Motorcycle Identification – Superseded

VIN 2020–18 Electric Motorcycles and Recreational OHVS – Superseded

Distribution

Notification of this memo (available at **dmv.ca.gov** by searching Vehicle Industry Services) was sent through the California DMV Automated Email Alert System in July 2026 to:

- Dealers
- Registration Services

Contact

Direct questions related to this memo to DMV Customer Care at (916) 657-6560.

Attachments (3)

Electric Motor Number Locations (eMotos) and electric OHVs

Electric Motorcycles (eMotos) - Typical Locations

- **On the motor housing or mounting plate** — manufacturers often place it on a flat metal surface of the motor or its mounting bracket, stamped or engraved on the side or top of the motor.
- **Between the battery and the motor** — on some models, it's stamped or engraved on the motor housing or a nearby metal plate.
- **On the side of the bulkhead** — in some cases, it's visible from the outside between the battery and motor, or on the frame side where the motor mounts, but may be partially obscured by paint or components.

NOTE: Shine a flashlight at an angle across the surface to make the stamping more visible.
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Electric Off-Highway Vehicle (OHV) Typical Locations

On an electric OHV, the **engine number** is not a traditional internal combustion engine number; instead, it refers to the **motor number** or **electric motor serial number**. This is a unique identifier for the vehicle's electric drive system, used for registration and service tracking.

- **Stamped on the motor itself** — most manufacturers place the motor number directly on the motor housing or mounting plate. For example, Kia's electric vehicles have the motor number stamped on the motor.
- **On a label attached to the vehicle** — some electric OHVs have a certification or service label on the chassis, frame, or near the battery/electrical assembly that includes the motor number.
- **On the chassis or frame** — in some cases, the motor number is engraved or stamped on the front or driver's side frame near the motor mounting area.

Attachment B

Samples of Vehicle Emission Control Labels:

U.S. EPA Vehicle Emission Control Information label (VECI) and Standard Category should have LEV or ZEV Under “Standard Category.”

Emission labels vary in appearance, but they all contain the engine family or test group.

If there is no certification printed on the label the vehicle is not a low emission vehicle.

Vehicle Emission Control Information			
X Motors Inc.	ENGINE FAMILY 1.9 LITER	YGMXV01.9002	OBD II CERTIFIED
- SPARK PLUG GAP 0.040 INCHES - MODULE COMPUTER CONTROLLED, NO ADJUSTMENT NEEDED - SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR MORE INFORMATION			
EXHAUST EMISSION STANDARDS		STANDARD CATEGORY	
Certification		LEV	
THIS VEHICLE CONFORMS TO U.S. EPA REGULATION APPLICABLE TO 2000 MODEL-YEAR NEW PASSENGER CARS			CATALYST

Engine Family or Group

Engine Displacement

Model Year

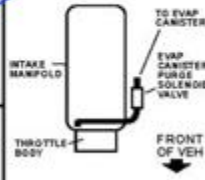
OBD

Emissions Certification & Vehicle Class

Catalyst

VEHICLE EMISSION CONTROL INFORMATION			
	ENGINE FAMILY EFN 2.8VBT2EA	OBD II CERTIFIED	
	DISPLACEMENT 2.8 L		
THIS VEHICLE CONFORMS TO U.S. EPA AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 2008 MODEL YEAR NEW LEV PASSENGER CARS			
REFER TO SERVICE MANUAL FOR ADDITIONAL INFORMATION TUNE UP CONDITIONS: NORMAL OPERATING ENGINE TEMPERATURE, ACCESSORIES OFF, COOLING FAN OFF, TRANSMISSION IN NEUTRAL			
EXHAUST EMISSIONS STANDARDS CERTIFICATION IN USE		STANDARD CATEGORY TLEV TLEV INTERMEDIATE	
SPARK PLUG Type NGK BRFS-1P GAP 1.1 mm	CATALYST	EFN 2.8VBT2EA	

Attachment B

 VIN (LAST 8)	2007 MODEL YEAR VEHICLE EMISSION CONTROL INFORMATION COMPANY'S NAME	CATALYST SFI/TWC/HO2S/IEGR 3.5 Liter 7XXX03.5ABC 7XXX0350AA	Engine Family Name
	NO ADJUSTMENTS NEEDED. SEE SERVICE MANUAL OR OWNERS MANUAL FOR MORE INFORMATION.		
	THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO NEW PASSENGER CARS AND CALIFORNIA REGULATIONS APPLICABLE TO NEW LEV2 PASSENGER CARS. THIS VEHICLE IS CERTIFIED TO OPERATE ON GASOLINE OR ON ETHANOL BLENDS FROM E0 TO E85. OBD II CERTIFIED.		

<i>Company's Trustmark</i>	Company's Name VEHICLE EMISSION CONTROL INFORMATION		
Conforms to regulations:		2008 MY	
U.S. EPA:	IT2B10LDT4	OBD: II	Fuel: Gasoline
California:	LEV II MDV6	OBD: II	Fuel: Gasoline
No adjustments needed.		TWC/HO2S/EGR/SFI	
EVAP:	8 VEHR0240ABC	Standard Fuel Tank: 26/27 gal	
	8 VEHR0240ABD	Option Fuel Tank: 35.7 gal	
Group	8 VEHT05.8ABC	Part # Bar Code Here	Label Part Number
Test Group Name			