

# Applying for Off-road Vehicle Funding: Additional Information

## Project Types Available

The following project types are available for funding under the Carl Moyer Program: engine retrofit, engine replacement, and vehicle replacement. All projects must be completed three years prior to compliance dates.

### Engine Retrofit

Reduce emissions from off-road vehicles by installing a retrofit emission control device. You can get up to 100% of the project costs covered to retrofit a current vehicle. This project type is most appropriate when:

- The existing engine is certified to a Tier 1 or newer emissions standard.
- There is a [CARB-verified emission control device](#) for the engine.
- The device does not pose any safety risks or violate the safety or health standards prescribed under federal or state requirements.

### Engine or Vehicle Replacement

Replace an existing engine or vehicle with the cleanest available replacement (with possible retrofit option) and get up to 80% of the project costs covered. This project type is most appropriate when:

- The current vehicle is still fully functional with regular use over the past two years.
- There is no comparable replacement engine available from the manufacturer.

- The diminished value of the current vehicle does not justify further investment.

This project type also requires a [CARB-verified retrofit emission control device](#) when:

- The replacement engine has a device verified to work with it.
- It can be installed without posing safety risks or violate the safety or health standards prescribed under federal or state requirements.

Vehicles currently exempt from regulation are not required to comply with this retrofit requirement.

## Regulatory Information

All off-road vehicles applying for funding through the Carl Moyer Program require at least three years of emissions reductions (two years for small fleets) that are surplus to any regulation. Therefore, determining the regulatory status of a vehicle is necessary before being able to determine eligibility for funding.

Regulations for off-road vehicles vary according to the engine type and application of each vehicle.

- All off-road vehicles powered by large spark ignition engines are regulated under the LSI Fleet Rule.
- All off-road vehicles operating at ports and intermodal rail yards are regulated under the Cargo Handling Equipment Regulation.
- Most diesel vehicles operating in construction, mining, rental, and heavy industry are regulated under the Off-Road Regulation.
- Off-road vehicles operating at least 50% of the time in qualifying agricultural activities are exempt from any regulation.
- Compliance dates vary by type of regulation and fleet size.

## More Information

For more information about off-road regulations, call the California Air Resources Board regulatory hotline at 1.866.6.DIESEL or visit the following webpages:

- [Carl Moyer Program Guidelines](#).
- [Diesel Activities – Mobile Vehicles and Equipment](#).
- [In-Use Off-Road Diesel Vehicle Regulation](#). Includes diesel airport equipment.
- [Cargo Handling Equipment Regulatory Activities](#). Includes equipment like yard trucks, hostlers, cranes, top handlers, side handlers, forklifts, and loaders.
- [Off-Road Large Spark-Ignition \(Gasoline and LPG\) Equipment Activities](#). Includes equipment like forklifts, specialty vehicles, airport service equipment, large turf care equipment, portable generators, and a broad array of other agricultural, construction, and general industrial equipment powered by gasoline, liquefied petroleum gas, and other fuels.

## Application Requirements

The application requires that you submit copies of the following information about your current vehicle and engine:

- Model year
- Serial number
- Engine tier
- Usage documentation (recorded by an hour meter or other reliable record)

You must also submit copies of the following information about the replacement vehicle or engine:

- Price quotes from your dealer
- Engine tier
- Engine Executive Order