APCD
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

On-Road Carl Moyer Program

Dealership and Installer Training

Introductions

APCD
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

Kathy Keehan
Supervising Air Resources Specialist

Robert Mercado
Air Quality Specialist

Ben Wong, Heidi Gabriel-Pack, Kim Impreso, Hugo Salgado
Air Resources Specialists

Contact information is located on a slide at the end of the presentation

Dealership and Installer Training Agenda

- Carl Moyer Background
- Minimum Qualifications
- Carl Moyer Process/Timeline
- Replacement Vehicle Inspection
- Pre-dismantle Inspection
- Delivery to Qualified Dismantler
- Electric or Hybrid Vehicles (New or Converted)
- Additional Resources
- Contact List

Carl Moyer Background

Background

- Carl Moyer Grant Program (Moyer)
- Similarities to VIP
- Grants contracts to replace
  - On-road vehicles with GVWR of at least 14,001 lbs
- CARB on-road truck regulation surplus of at least one year
- Replacement vehicles must meet or exceed current CARB regulations

Carl Moyer Background

Background

- Carl Moyer Grant Program (Moyer)
- Similarities to VIP
- Grants contracts to replace
  - On-road vehicles with GVWR of at least 14,001 lbs
- CARB on-road truck regulation surplus of at least one year
- Replacement vehicles must meet or exceed current CARB regulations

LIGHTER VEHICLES (14,001-26,000 lbs GVWR)		HEAVIER VEHICLES (26,001 lbs GVWR or greater)		
Engine Model Year (*Vehicle Model Year**)	**Replace or repower by**	**Engine Model Year** (*Vehicle Model Year**)	**Level 3 PM filter required**	**Replace or repower by**
2000 - 2003 (*2001 - 2004*)	January 1, 2020	**2000 - 2004** (*2001 - 2005*)	January 1, 2013	January 1, 2021
2004 - 2006 (*2005 - 2007*)	January 1, 2021	**2005 - 2006** (*2006 - 2007*)	January 1, 2014	January 1, 2022
2007 - 2009 (*2008 - 2010*)	January 1, 2023	**2007 - 2009** (*2008 and 2010*)	January 1, 2014	January 1, 2023

School Bus & Solid Waste Collection Vehicle	Drayage Trucks
Must have DPF installed	Must have 2007 engine model year or newer

- Applies to on-road trucks, transit vehicles, and 2007-2009 engine model year solid waste collection vehicles

Carl Moyer Background

Background

- Carl Moyer Grant Program (Moyer)
- Similarities to VIP
- Grants contracts to replace
  - On-road vehicles with GVWR of at least 14,001 lbs
- CARB on-road truck regulation surplus of at least one year
- Replacement vehicles must meet or exceed current CARB regulations

LIGHTER VEHICLES (14,001-26,000 lbs GVWR)		HEAVIER VEHICLES (26,001 lbs GVWR or greater)		
Engine Model Year (*Vehicle Model Year**)	**Replace or repower by**	**Engine Model Year** (*Vehicle Model Year**)	**Level 3 PM filter required**	**Replace or repower by**
2000 - 2003 (*2001 - 2004*)	January 1, 2020	**2000 - 2004** (*2001 - 2005*)	January 1, 2013	January 1, 2021
2004 - 2006 (*2005 - 2007*)	January 1, 2021	**2005 - 2006** (*2006 - 2007*)	January 1, 2014	January 1, 2022
2007 - 2009 (*2008 - 2010*)	January 1, 2023	**2007 - 2009** (*2008 and 2010*)	January 1, 2014	January 1, 2023

School Bus & Solid Waste Collection Vehicle	Drayage Trucks
Must have DPF installed	Must have 2007 engine model year or newer

- Applies to on-road trucks, transit vehicles, and 2007-2009 engine model year solid waste collection vehicles

Carl Moyer Background

Background

- Carl Moyer Grant Program (Moyer)
- Similarities to VIP
- Grants contracts to replace
  - On-road vehicles with GVWR of at least 14,001 lbs
- CARB on-road truck regulation surplus of at least one year
- Replacement vehicles must meet or exceed current CARB regulations

LIGHTER VEHICLES (14,001-26,000 lbs GVWR)		HEAVIER VEHICLES (26,001 lbs GVWR or greater)		
Engine Model Year (*Vehicle Model Year**)	**Replace or repower by**	**Engine Model Year** (*Vehicle Model Year**)	**Level 3 PM filter required**	**Replace or repower by**
2000 - 2003 (*2001 - 2004*)	January 1, 2020	**2000 - 2004** (*2001 - 2005*)	January 1, 2013	January 1, 2021
2004 - 2006 (*2005 - 2007*)	January 1, 2021	**2005 - 2006** (*2006 - 2007*)	January 1, 2014	January 1, 2022
2007 - 2009 (*2008 - 2010*)	January 1, 2023	**2007 - 2009** (*2008 and 2010*)	January 1, 2014	January 1, 2023

School Bus & Solid Waste Collection Vehicle	Drayage Trucks
Must have DPF installed	Must have 2007 engine model year or newer

- Applies to on-road trucks, transit vehicles, and 2007-2009 engine model year solid waste collection vehicles

Minimum Qualifications

Dealership/Installer must

- Have had a valid California business license for a minimum of the last two years
- Have had a valid vehicle dealership license with DMV for a minimum of the last two years
- Maintain a minimum of one Carl Moyer-trained employee at each location
- Allow the District or CARB to inspect Moyer-related vehicles or audit program records during business hours

- Installers must be authorized by the manufacturer

Minimum Qualifications

San Diego Air Pollution Control District

Self-Certification Affidavit
Dealership/Installer Minimum Qualifications

Please fill out the information requested below along with a signature and date at the bottom of the form.

Name of Dealership or Installer:_____

Address: _____

Phone Number: _____ E-mail: _____

Contact Name: _____ Title: _____

I swear under penalty of perjury that our business meets the following minimum qualifications and will continue to meet these qualifications throughout participation in the Carl Moyer Program (Program):

1. Dealership/Installer has had a valid business license issued in California for a minimum of the last two years.
2. Dealership has had a valid vehicle dealership license with DMV for a minimum of the last two years. The installer is authorized by the manufacturer.
3. Dealership/Installer maintains a minimum of one employee that has successfully completed the training by the San Diego County Air Pollution Control District (District) regarding terms, conditions and requirements of the Program. If a participating dealership maintains more than one location for truck sales, then each location must have at least one employee trained.
4. Dealership/Installer agrees to allow the District or CARB to inspect vehicles or audit program records covered under the Program Guidelines during normal business hours.

Upon request from the District or CARB, I agree to produce documentation of any of the above-listed items.

Name (Print): _____

Signature: _____

Date: _____

Applicant applies for grant

SAN DIEGO COUNTY APCD GRANT PROGRAM

Air Pollution Control Board

Greg Cox	District 1
Dianne Jacob	District 2
Kristin Gaspar	District 3
Nathan Fletcher	District 4
Jim Desmond	District 5

10/30/2019

[redacted]

COMPLETE SAN DIEGO COUNTY APCD GRANT PROGRAM APPLICATIONS

Dear [redacted]:

This letter is to confirm that we have received your applications for Year 21 (2019) San Diego County APCD Grant Program funding for the following projects:

Project Description	Equipment Unit No.	APCD Record ID
Equipment Replacement	507	APCD2019-OVEH-0048
Equipment Replacement	539	APCD2019-OVEH-0051
Equipment Replacement	540	APCD2019-OVEH-0052
Equipment Replacement	541	APCD2019-OVEH-0055
Equipment Replacement	542	APCD2019-OVEH-0059
Equipment Replacement	543	APCD2019-OVEH-0065

District Review

District awards grant contract to applicants

August 5, 2020

[redacted]

Dear [redacted],

It is my pleasure to inform you that you have been approved for grant funding in the amount of up to $772,126 from the Air Pollution Control District's "Clean Air for All" grant program to replace two (2) [redacted] (VINs 1HVBBABM4XH676093 and 4UZAAWAKX2CJ65006) with new electric buses.

I appreciate your participation in the District's incentive program, which will help to improve air quality by reducing harmful diesel and other air pollutant emissions. The Air Pollution Control District staff will be in contact with you regarding additional eligibility requirements and the next steps in the funding process. They may be reached at (858) 586-2600 or cleanairgrants@sdcounty.ca.gov.

Carl Moyer Process/Timeline

Applicant shops for replacement vehicle(s)

Dealer is trained and approved by District

Applicant orders replacement vehicle(s)

Replacement vehicle(s) inspected

Applicant transfers old vehicle(s) to dealer

Applicant takes possession of replacement vehicle(s)

Pre-dismantle inspection of old vehicle(s)

Dealer transfers old vehicle(s) to District-approved dismantler

Applicant submits reimbursement documents to the District

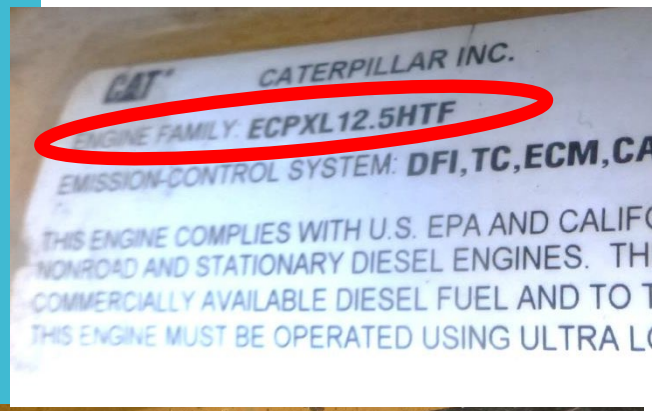
Replacement Vehicle Inspection

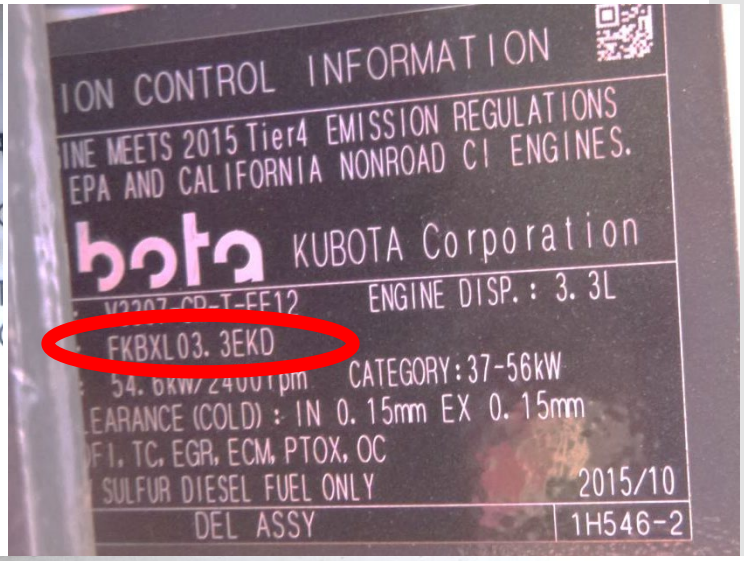
Required Replacement Vehicle Photos

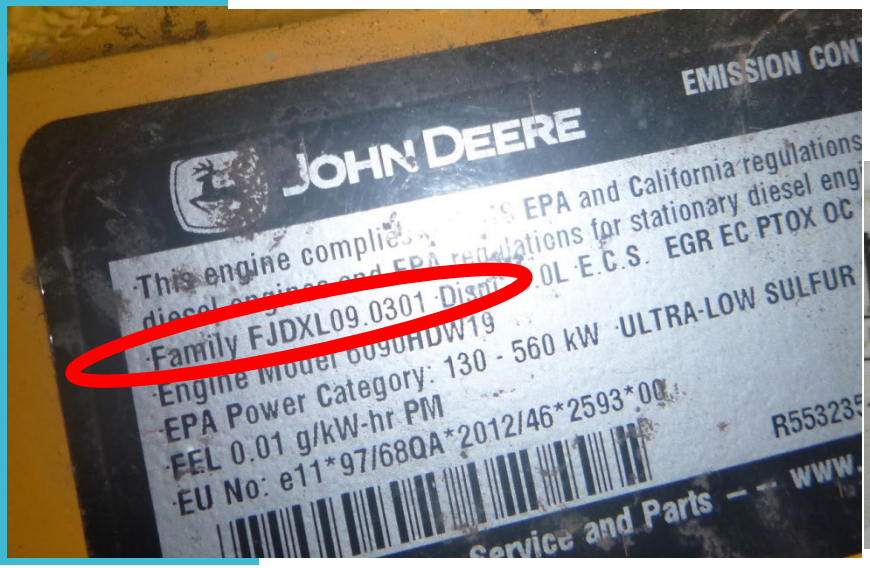
- One side of the vehicle (hood down)
- VIN Tag - inside vehicle or on frame rail
- Engine serial number and engine tag (or primary motive power components)
- License plate
- Odometer reading
- Left and right side of engine
- Modifications (if any)

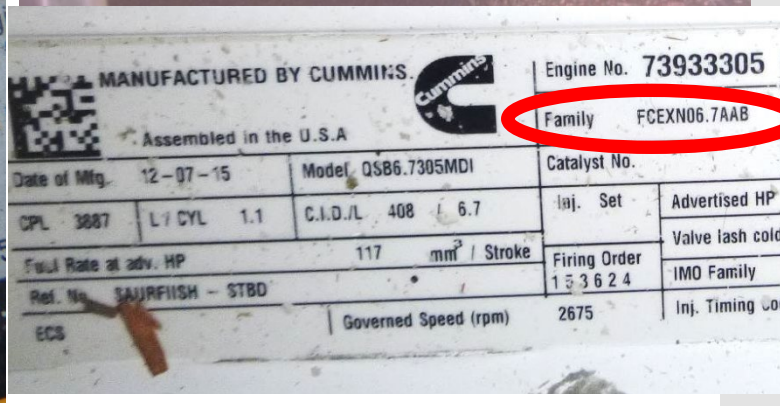
Replacement Vehicle Inspection

Engine Family Name







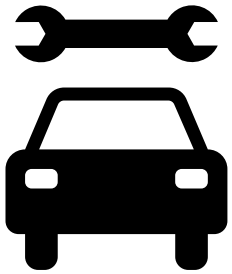


Example: <u>7CEXH0661MAZ</u>

Pre-Dismantle Vehicle Inspection

Existing Vehicle Condition Must Be

- In similar condition as it was during the application evaluation (pre-inspection)
- Roadworthy
- Not have been stripped of parts except
  - Vocational external body components like dump body or box
  - Non-stock vocational internal equipment like food preparation equipment in a food truck



Pre-Dismantle Vehicle Inspection

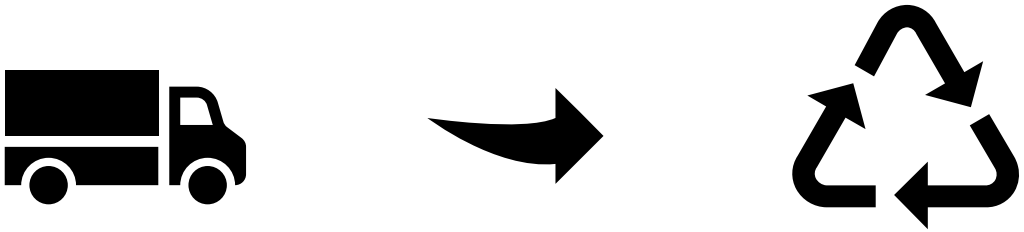
Required Pre-Dismantle Vehicle Photos

- Right and left side of vehicle - hood down
- Front - hood down
- Rear
- VIN Tag - inside vehicle or on frame rail
- Engine serial number and engine information, if available (make, model year, engine family) - either tag or stamp on block
- License plate
- Left and right side of engine
- Gross Vehicle Weight Rating (GVWR)
- Odometer reading

Delivery to Qualified Dismantler

Deliver within 60 Calendar Days

- Dealer/Installer must deliver existing engine/vehicle to qualified dismantler within 60 calendar days of receipt of the old engine and/or vehicle from the grant recipient
- The participating dismantler may also pick up the existing engine/vehicle



Delivery to Qualified Dismantler

SAN DIEGO AIR POLLUTION CONTROL DISTRICT
Heavy-Duty Truck Replacement Program

Certification to Deliver Engine(s)/Vehicle(s) to Qualified Dismantler

Vehicle Information			Engine Information		Date of Dealer/Installer Receipt	Expected Delivery Date to Dismantler
Vehicle ID#	Make, Model & Year	VIN	Make & Model	Serial Number		

I certify that that the old engine(s) and/or vehicle(s) listed above will be delivered to a qualified dismantler within 60 calendar days of receipt of the old engine(s) and/or vehicle(s) from the grant recipient listed below.

Grant Recipient Name:_____

Dismantler:

Name of Dismantler:_____
Address:_____
Contact Name:_____ Title:_____
Phone Number:_____ E-mail:_____

Dealership or Installer:

Name of Dealership or Installer:_____
Address:_____
Phone Number:_____ E-mail:_____
Contact Name:_____ Title:_____

Signature:_____ Date:_____

Delivery to Qualified Dismantler

Certification to Deliver Vehicle(s)/Engine(s) to Qualified Dismantler

Vehicle Information			Engine Information			
Vehicle ID#	Make, Model & Year	VIN	Make & Model	Serial Number	Date of Dealer/Installer Receipt	Expected Delivery Date to Dismantler

- Complete and submit this form to the District ASAP

Delivery to Qualified Dismantler

Use of Engine or Vehicle Pending Destruction

The dealer/installer may not use or permit the use of the engines or vehicles, except:

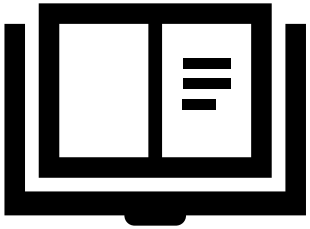
- to move the engine/vehicle for destruction
- to store the engine/vehicle

Electric or Hybrid Vehicles (New or Converted)

Provide Copy of Owner's Manual to District

The owner's manual must at least include the following:

- A brief description of the vehicle/conversion system, including major components and their theory of operation and proper operating procedures
- Battery maintenance best practices and charging procedures and protocols, if applicable
- A listing of necessary service intervals and service requirements that differ from the base vehicle's or engine's original manufacturer's, if applicable
- A statement that the hybrid converted vehicle is subject to all in-use vehicle inspection and maintenance programs applicable to its size, type, and class



Electric or Hybrid Vehicles (New or Converted)

Provide Copy of Owner's Manual to District

- The name, physical address, e-mail address, phone number, and website, if available, of the manufacturer and authorized installer, as well as a list of the names, addresses, and phone numbers of the major dealers who supply parts for, or service the vehicle
- All information necessary for the proper and safe operation of the vehicle, including information on safe handling of the battery or energy storage system, and emergency procedures to follow in the event of battery leakage or other malfunctions that may affect the safety of the vehicle operator, emergency personnel, or laboratory personnel
- The product warranty statement

For More Information

Visit the Carl Moyer Program Website:

http://www.arb.ca.gov/msprog/moyer/moyer.htm

Visit the District's Website:

https://www.sdapcd.org/

List of District-Approved Dismantlers

https://www.sdapcd.org/content/sdc/apcd/en/grants-and-incentives/carl-moyer-program.html

APCD
AIR POLLUTION CONTROL DISTRICT
COUNTY OF SAN DIEGO

More Programs to Open Soon

Visit the Grants & Incentives Website

to Sign up for "Air Quality - Grants and Incentives" Notifications:

https://service.govdelivery.com/accounts/CASAND/subscriber/new

Contact List

Kathy Keehan,
Supervising Air Resources Specialist

(858) 586-2726
Monday - Friday
Kathleen.Keehan@sdcounty.ca.gov

Robert Mercado,
Air Quality Specialist
Habla Espanol

(858) 586-2694
Monday – Friday, Wednesday off
Robert.Mercado@sdcounty.ca.gov

Ben Wong,
Air Resources Specialist

(858) 586-2642
Tuesday - Friday
Benjamin.Wong@sdcounty.ca.gov

Contact List

Heidi Gabriel-Pack,
Air Resources Specialist

(858) 586-2718
Monday - Friday
Heidi.Pack@sdcounty.ca.gov

Kim Impreso,
Air Resources Specialist

(858) 586-2738
Monday - Friday
Kim.Impreso@sdcounty.ca.gov

Hugo Salgado,
Air Resources Specialist
Habla Espanol

(858) 586-2710
Monday – Friday,
Hugo.Salgado@sdcounty.ca.gov