

# IRONMAN™

*Reducing Air Pollution. One Diesel Engine at a Time.™*



Green Tech Connect Forum  
August, 2009  
Speaker: Charlie Cox

# Introduction

Ironman has completed over **8,000** CARB-compliant diesel retrofits in a variety of heavy-duty, **on and off-road** applications with an outstanding success rate.

California chooses...



## Sectors we partner with:



Construction



School Buses



Trucking



Municipalities



Waste



Utilities



Ports

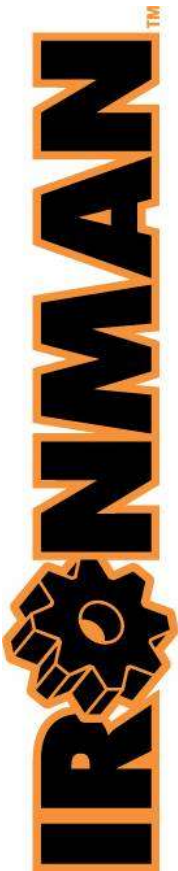
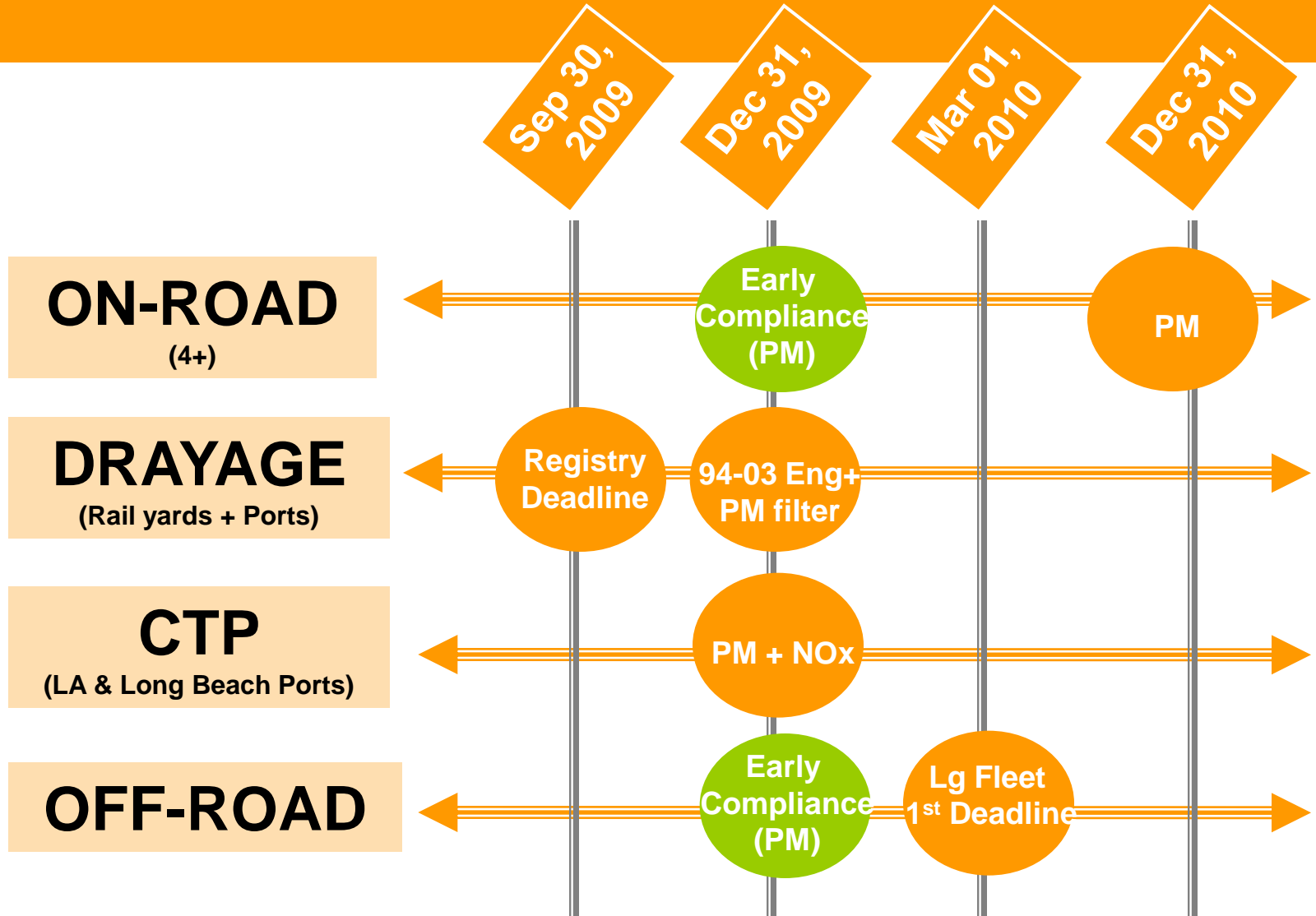


Stationary



Drayage

# Upcoming Deadlines



## Retrofit as a Solution

Retrofitting replaces the diesel exhaust system's existing muffler with a sophisticated emission control device that removes particulate matter and other pollutants, trapping them inside.

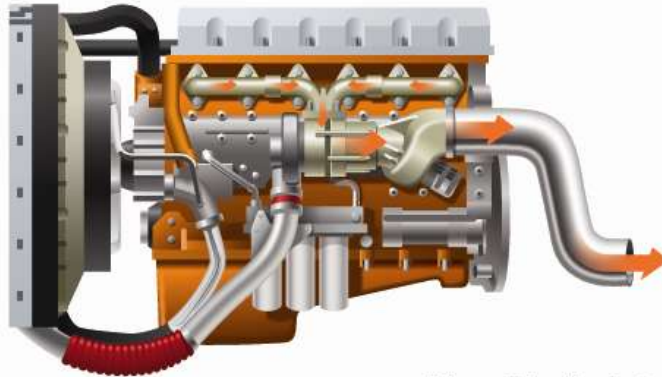


*Video not available in PDF version*



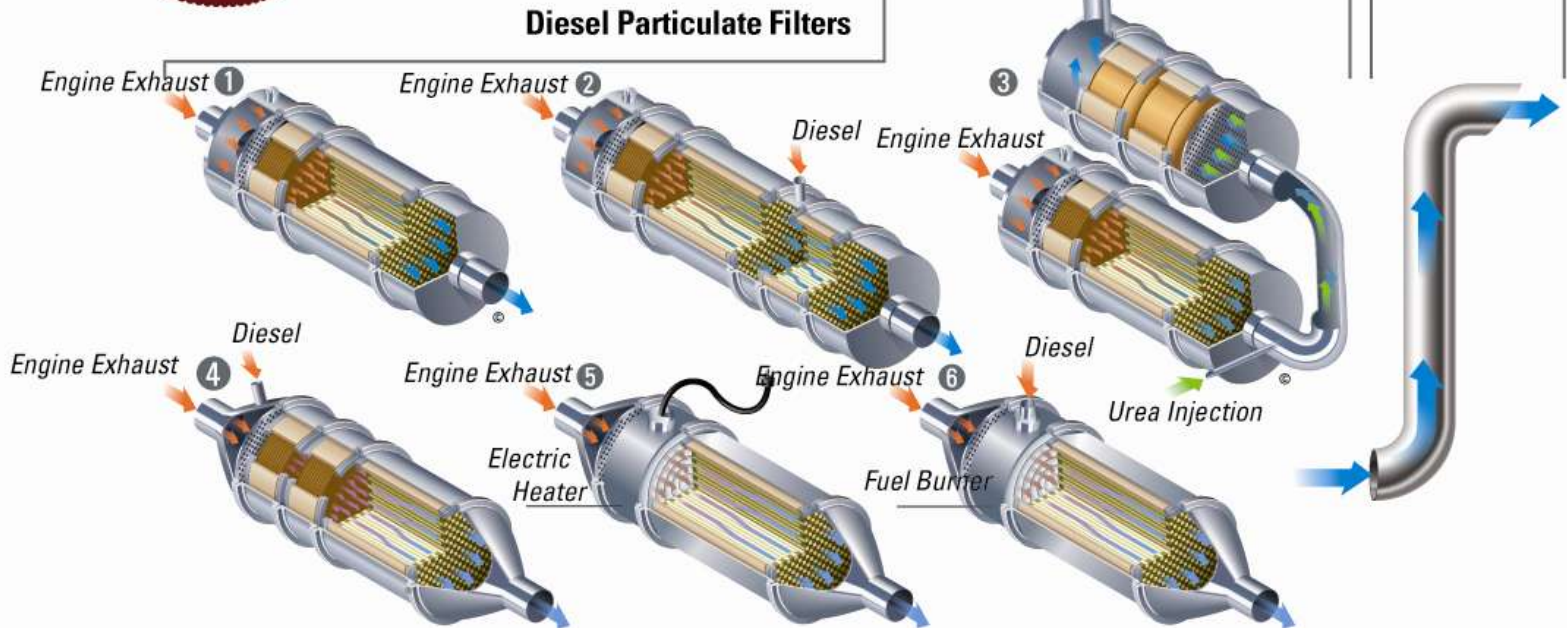
Reducing Air Pollution. One Diesel Engine at a Time™.

# CARB Verified Technology For All Diesel Engines



## Diesel Particulate Filters

- ① PM Reduction
- ② PM Reduction
- ③ PM + NOx Reduction
- ④ PM + NOx Reduction
- ⑤ PM Reduction Electric Heater
- ⑥ PM Reduction Diesel Fuel Burner



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# Installation Examples



Longview



CRT



Vista



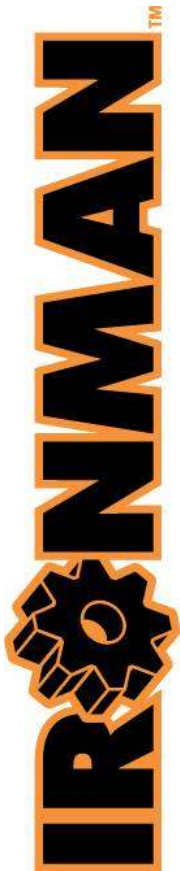
DCL



All-metal



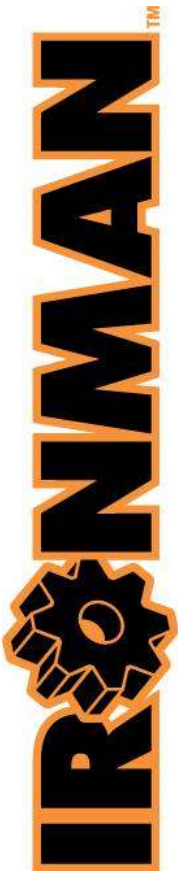
Longview



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## Continued Support

- Consultative Services
- Educational Workshops
- 13 Fixed Locations
- Mobile Service
- Product & Workmanship Warranty
- DPF Cleaning / De-ashing and Maintenance
- CARB Reporting Assistance



Thank you

We hope to partner with you to identify the specific needs of your fleet and equipment and to help you develop the most *cost-effective compliance strategy*.

**Charlie Cox, Emissions Technology Consultant**

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