

California Truck and Bus Regulation
www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm



Driving Trucking's Success

Engine Requirements

The following schedules apply to on-road diesel vehicles greater than 14,000 pounds GVWR, including yard tractors, which operate in California, regardless of whether or where they are registered.

A) Vehicle-Specific Compliance Schedule
 >26,000 lbs GVWR (No Reporting)

Compliance Date January 1,	Affected Engine Model Years	Action
2012	1996 - 1999	Install PM filter
2013	2000 - 2004	
2014	2005 - 2006	
2015	Pre-1994*	Replace with 2010 engine
2016	1994 – 1995*	
2017	--	
2018	--	
2019	--	
2020	1999 & older*	
2021	2000 – 2004*	
2022	2005 – 2006*	
2023	All engines	

*Any vehicle which has been retrofit with a PM filter by January 1, 2014 is exempt from replacement until January 1, 2020 OR until 2023 if all vehicles in a fleet have been retrofit (reporting required)

B) Vehicle-Specific Compliance Schedule
 14,000 - 26,000 lbs GVWR (No Reporting)

Compliance Date January 1,	Affected Engine Model Years	Action
2012	--	Replace with 2010 engine
2013	--	
2014	--	
2015	Pre-1996*	
2016	1996*	
2017	1997*	
2018	1998*	
2019	1999*	
2020	2003 & older*	
2021	2004 – 2006*	
2022	--	
2023	All engines	

*Any vehicle which has been retrofit with a PM filter by January 1, 2014 is exempt from replacement until January 1, 2020 OR until 2023 if all vehicles in a fleet have been retrofit (reporting required)

C) Alternative PM Filter Options for Fleets
 >26,000 lbs GVWR (Reporting Required)

Compliance Date January 1,	Affected Engine Model Years / Percentage of Affected Engines	Action
2012	Pre-94, 2003-04	Install PM filter
2013	1994-99, 2005-06	
2014	All engines	

OR

Compliance Date January 1,	Percentage of Affected Engines	Action
2012	30% ^c	Install PM filter
2013	60% ^c	
2014	90% ^c	
2015	90% ^c	
2016	100%	

- Must comply with reporting requirement by January 31, 2012.

^c May subtract credits from percentages (see Credit Provisions)

D) Alternative PM Filter Option for Fleets with
 3 or Fewer Trucks >26,000 lbs GVWR
 (Reporting Required)

Compliance Date January 1,	Affected Engine Model Years	Action
2014	1 truck	Install PM filter
2015	2 trucks	
2016	3 trucks	

Must comply with reporting requirements:

- By January 31, 2012 for 1996–99 engines
- By January 31, 2013 for 2000–04 engines
- By January 31, 2014 for all other engines

California Truck and Bus Regulation

www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm

Credit Provisions (*Reporting Required*)

- “Downsized Fleet Credit” represents the percentage decrease in fleet size during the compliance year compared to the 2006 baseline fleet. This credit can be used to reduce the annual percentages shown in Schedule C.
- “Early Retrofit and Clean Vehicle Credit” allows another truck >26,000 lbs GVWR to be treated as meeting the PM filter requirements until January 1, 2017 for each (a) PM filter installed prior to July 1, 2011; or (b) hybrid or alternative fueled vehicle added prior to January 1, 2017.
- “Early Addition Credit” is available to fleets with newer vehicles. The credit represents the difference in a fleet’s average engine age as of January 1, 2012 compared to the 2006 baseline fleet. This difference is multiplied by five and presented as a percentage. This credit can be used to reduce the annual percentages shown in Schedule C.

Drayage Truck Provisions (*Reporting Required*)

- Drayage trucks may be used to determine compliance with the annual percentages shown in Schedule C as long as all of a fleet’s drayage trucks are included.

Agricultural Fleet Provisions (*“AG” labels and reporting required*)

- Vehicles meeting an agricultural vehicle definition that operate less than (a) 15,000 miles per calendar year for pre-1996 engines; (b) 20,000 miles for 1996-2005 engines; or (c) 25,000 miles for 2006 or newer engines are exempt until January 1, 2017.
- Vehicles meeting the agricultural vehicle definition that operate less than 10,000 miles per calendar year are exempt until January 1, 2023.
- Vehicles meeting the specialty agricultural vehicle definition are exempt until January 1, 2023.

Log Truck Provisions (*“AG” labels and reporting required*)

- Beginning January 1, 2012, fleets may opt into an optional phase-in schedule that requires 10% of a fleet’s logging trucks to have 2010 model year engines by January 1, 2014 with an additional 10% added each year thereafter.

NOx Exempt Area Provisions (*“NE” labels and reporting required or tracking*)

- Fleets with trucks ≤26,000 lbs GVWR that operate exclusively in “NOx exempt areas” may install PM filters by the model year compliance date in lieu of the 2010 engine requirements.
- Fleets with trucks >26,000 lbs GVWR that operate exclusively in “NOx exempt areas” may meet the PM filter requirements by installing PM filters on one-third of affected trucks by 2014, two-thirds of affected trucks by 2015, and all of the affected trucks by 2016.

Construction Truck Provisions (*“CT” labels and reporting required*)

- Up to ten trucks >26,000 lbs GVWR per fleet that meet the low mileage construction truck definition (<15 - 20,000 miles per calendar year) may meet the PM filter requirements by installing PM filters on one-third of affected trucks by 2014, two-thirds of affected trucks by 2015, and all of the affected trucks (or for one truck operations) by 2016.

Exemptions (*Reporting required*)

- “Unique Vehicles” may apply for a one year extension from the 2010 engine requirements if a suitable cab and chassis are not available.
- “Low-Use Vehicles” which operate less than 1,000 miles and less than 100 annual hours of power take-off in California per compliance year are exempt.
- “Three Day Pass Vehicle” provides a three day exemption for a single vehicle upon CARB approval. One pass per fleet per calendar year is available.