

FACTS ABOUT

Truck and Bus Regulation Compliance Requirements Summary

On December 12, 2008, the California Air Resources Board approved the Truck and Bus regulation to significantly reduce particulate matter, or PM, and oxides of nitrogen emissions from existing diesel vehicles operating in California. This fact sheet describes the regulatory requirements consistent with the amendments considered by the Board in December 2010

What vehicles are affected by the truck and bus regulation?

The regulation applies to nearly all diesel fueled trucks and buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds that are privately or federally owned and for privately and publicly owned school buses. Other public fleets, solid waste collection trucks and transit buses are already subject to other regulations and are not part of the truck and bus regulation. Trucks that transport marine containers must comply with the drayage truck regulation.

What are the requirements for lighter trucks and buses?

Lighter trucks and buses with a GVWR of 14,001 to 26,000 pounds do not have compliance requirements until 2015. The Compliance Schedule for Lighter Trucks table lists the compliance dates by engine model year for lighter trucks. Starting January 1, 2015, lighter trucks with engines that are 20 years or older will need to be replaced with newer trucks. Starting January 1, 2020, all remaining trucks and buses will need to be replaced so that they all have 2010 model year engines or equivalent emissions by 2023. No reporting is required.

Fleets also have the option to install a PM filter retrofit on a lighter truck by 2014 to make the truck exempt from replacement until January 1, 2020, and any lighter truck equipped with a PM filter retrofit prior to July 2011 can receive credit toward the compliance requirements for heavier trucks and buses in the same fleet.

Compliance Schedule for Lighter Trucks

Engine Year	Replacement Date
1995 and older	January 1, 2015
1996	January 1, 2016
1997	January 1, 2017
1998	January 1, 2018
1999	January 1, 2019
2003 and older	January 1, 2020
2004-2006	January 1, 2021
2007-2009	January 1, 2023

What are the compliance requirements for heavier trucks and buses?

Heavier trucks and buses with a GVWR greater than 26,000 pounds have two primary ways to comply. Fleets can meet with the compliance schedule by engine model year or can use a phase-in option that is more flexible.

The compliance schedule for heavier trucks is shown in the schedule below. Fleets that comply with the schedule must install the best available PM filter on 1996 model year and newer engines and replace the vehicle 8 years later. Trucks with 1995 model year and older engines must be replaced starting 2015. Replacements with a 2010 model year or newer engines meet the final requirements, but fleet can also replace with used trucks that have a future compliance date on the schedule. For example, a replacement with a 2007 model year engine complies until 2023. By 2023 all trucks and buses must have 2010 model year engines with few exceptions. No reporting is required if complying with this schedule.

Compliance Schedule for Heavier Trucks

Engine Year	Requirement from January 1
Pre-1994	No requirements until 2015, then 2010 engine
1994-1995	No requirements until 2016, then 2010 engine
1996-1999	PM filter from 2012 to 2020, then 2010 engine
2000-2004	PM filter from 2013 to 2021, then 2010 engine
2005-2006	PM filter from 2014 to 2022, then 2010 engine
2007-2009	No requirements until 2023, then 2010 engine
2010	Meets final requirements

In addition, there is a phase-in option that allows fleets to decide which vehicles to retrofit or replace, regardless of engine model year. Fleets must report information about all of their heavier trucks starting January 31, 2012, to use this option.

Fleets can comply by demonstrating they have met the percentage requirement each year as shown in the table. For example, by 2012 the fleet must have PM filters on 30 percent of the heavier trucks and buses in the fleet. This option counts 2007 model year and newer engines originally equipped with PM filters toward compliance and reduces the overall number of retrofit PM filters needed. Any engine with a PM filter regardless of model year would be compliant until at least 2020. Beginning January 1, 2020, all heavier trucks and buses must meet the requirements based on engine model year based on the "Compliance Schedule for Heavier Trucks".

Phase-In Option for Heavier Trucks	
Compliance Date	Vehicles with PM Filters
January 1, 2012	30%
January 1, 2013	60%
January 1, 2014	90%
January 1, 2015	90%
January 1, 2016	100%

Are there any credits or exemptions fleets can use?

Starting January 1, 2012, fleets that report and use the phase-in option for heavier trucks, can take advantage of credits to delay requirements for other heavier trucks in the fleet until 2017. There are credits for:

- PM filters installed before July 2011
- Early purchase of cleaner engines before 2012 (originally equipped with PM filters)
- Reducing the number of trucks since 2006
- Adding fuel-efficient hybrids or alternative fueled engines to the fleet

All fleets can make any vehicle equipped with a PM filter prior to 2014 compliant until 2020, or to make all heavier vehicles in the fleet exempt from meeting the replacement requirements until 2023 if all heavier trucks in the fleet are equipped with PM filters prior to 2014. Fleets must report by January 31, 2014 to take advantage. Vehicles operated less than 1000 miles per year can also be exempt from the general requirements but must be reported in the compliance year.

What are the requirements for school buses?

School buses with a GVWR more than 14,000 pounds must meet PM filter requirements from 2012 to 2014. School bus fleets must demonstrate that 33 percent of their buses have PM filters by 2012, 66 percent by 2013 and 100 percent by 2014. If an engine cannot be equipped with a PM filter it will need to be replaced by January 1, 2018. Pre-1977 model year school buses must be replaced by 2012. No reporting is required, but fleets must keep records.

Are there any other provisions for exemptions or delays?

The regulation has special provisions that delay some or all of the compliance requirements, but fleets must report to take advantage of them. By March 31, 2011, fleets must report to qualify for lower use and specialty agricultural truck exemptions until 2017 or 2023 and must report hour meter readings for sweepers with auxiliary Tier 0 engines.

Fleets must report by January 31, 2012 to take advantage of delays until 2014 for small fleets with one to three vehicles, log trucks, lower use construction trucks, and vehicles operating in parts of the state with less polluted air.

If I decide to sell my vehicle, do I have to notify the buyer of the requirements of this regulation?

Yes. Any person selling a vehicle subject to the Truck and Bus Regulation must provide a specific disclosure statement in writing to the buyer on the bill of sale, sales contract addendum, or invoice. See Regulatory Advisory 416 at <http://www.arb.ca.gov/enf/advs/advs416.pdf>.

Where can I find more information about the regulation?

Other fact sheets and additional information are available at: www.arb.ca.gov/dieseltruck or by calling ARB's diesel hotline at (866) 6DIESEL (866-634-3735). To obtain this document in an alternative format or language please contact (866) 634-3735.