

On Board Diagnostics (OBD) Monitors

OBD II

The California OBD II applies to all California and Clean Air Act States for gasoline engine vehicles up to 14,000 lbs. gross vehicle weight rating (GVWR) starting in the 1996 model year and all diesel engine vehicles up to 14,000 lbs. GVWR starting in the 1997 model year.

The Clean Air Act States have adopted and placed into effect the California Air Resources Board (CARB) regulations for a vehicle class or classes in accordance with the Clean Air Act. Currently the Clean Air Act States are California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. These States receive California certified vehicles for passenger cars and light trucks, and medium-duty vehicles, up to 14,000 lbs. GVWR.

The Federal OBD applies to all gasoline engine vehicles up to 8,500 lbs. GVWR starting in the 1996 model year and all diesel engine vehicles up to 8,500 lbs. GVWR starting in the 1997 model year. The US Federal only OBD certified vehicles may use the US Federal allowance to certify to California OBD II.

Starting in the 2004 model year, Federal vehicles over 8,500 lbs. are required to phase in OBD II, and gasoline fueled medium duty passenger vehicles are required to have OBD II. By the 2006 model year, all Federal vehicles from 8,500 to 14,000 lbs. GVWR will have been phased into OBD II.

Heavy Duty OBD

Starting in the 2010 model year, all California and Federal gasoline or diesel fueled on road heavy duty engines used in vehicles over 14,000 lbs. GVWR are required to phase into heavy duty OBD. The phase in starts with certifying one engine family to heavy duty OBD in the 2010 model year. By model year 2013, all engine families must certify to the heavy duty OBD requirements. Vehicles or engines that do not comply with heavy duty OBD during the phase in period must comply with EMD+.
