

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-1009

Relating to Certification of New Heavy-Duty Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2001 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) greater than 14,000 pounds are certified using Otto-cycle engines listed below:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Displacement Liters(Cubic Inches)</u>	<u>Engine Model Year and Certification Executive Order No</u>
General Motors Corporation	1GMXH08.1503	8.1 (496)	2001 A-6-1002

Engine models and codes are listed on attachments.

The certification exhaust emission standards for this engine family in grams per brake horsepower-hour are:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
1.9	37.1	4.0

The certification exhaust emission values for this engine family in grams per brake horsepower-hour are:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.2	7.4	1.2

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed engine models comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 29<sup>th</sup> day of March 2000.



R. B. Summerfield, Chief  
Mobile Source Operations Division

EO# : A-6-1009

ENGINE FAMILY 1GMXH08.1503

ATTACHMENT

FAMILY MODEL USAGE

<u>Eng. Code</u>	<u>Eng. Model</u>	<u>Disp. L (CID)</u>	<u>SFI</u>	<u>Emission Control System</u>		<u>Model Usage</u>	<u>Governor</u>
				<u>Exhaust</u>	<u>Evaporative</u>		
30*	L18	8.1 (496)	1	EGR/TWC	C-SL-TBP	CK30, P30	None
40*	L18	8.1 (496)	1	EGR/TWC	C-SL-TBP	CK30	None

\* Engine codes 30 and 40 and their letter derivatives are for Nationwide vehicles above 14,000 GVWR.

ISSUED: 03-03-00

REV. NO.: