

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-320-8

Relating to Certification of New Medium-Duty Motor Vehicles and Engines

AM GENERAL 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 the following 2000 model-year AM General Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds are certified using the diesel-cycle engine listed below:

<u>Fuel Type:</u> Diesel				<u>Engine Model Year and Certification Executive Order No.</u>	
<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>			
General Motors Corporation	YGMXH06.5521	6.5	(395)	2000	A-6-950

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>Non-Methane Hydrocarbons + Oxides of Nitrogen</u>	<u>Carbon Monoxide</u>	<u>Particulates</u>
3.9	14.4	0.10

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

<u>Non-Methane Hydrocarbons + Oxides of Nitrogen</u>	<u>Carbon Monoxide</u>	<u>Particulates</u>
3.6	1.2	0.07

BE IT FURTHER RESOLVED: That, the listed engine models are certified to the optional standards and test procedures applicable to incomplete and diesel medium-duty vehicles of 8,501 to 14,000 pounds GVWR pursuant to Title 13, California Code of Regulations, Section 1956.8(g).

BE IT FURTHER RESOLVED: That the listed engine models and vehicle models shall be subject to the in-use compliance provision applicable to 1995 and subsequent model-year medium-duty vehicles, set forth in Title 13, California Code of Regulations, Section 2139(c).

BE IT FURTHER RESOLVED: That the listed engine models and vehicle models also 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).

BE IT FURTHER RESOLVED: That the listed vehicle models comply with the on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1 ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

BE IT FURTHER RESOLVED: That, for the listed engine models and vehicle 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.).

Vehicle 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 11<sup>th</sup> day of August 1999.



R. B. Summerfield, Chief  
Mobile Source Operations Division

EO # A-320-8

**SUPPLEMENTAL DATA SHEET**

Air Resources Board--Medium-Duty Vehicle Application for Certification

2000 MY HUMMER®

Engine Family: YGMXH06.5521

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Vehicle Model and Engine

Family Identification

\* Vehicle Model     2000 Model Year HUMMER

2000 Commercial HUMMER Models:

XLC2 - Expanded Two-Door Hardtop  
HMCO - Four-Door Open Top  
HMC4 - Four-Door Hardtop  
HMCS - Four-Door Station Wagon  
HMSB - Four-Door Slant Back  
KSC2 - Two-Door Hardtop  
KSCO - Four-Door Open Top  
KSC4 - Four-Door Hardtop  
KSCS - Four-Door Station Wagon  
KSSB - Four-Door Slant Back

\* Engine Family     YGMXH06.5521

This engine is purchased as a complete unit by AM General from General Motors. No modifications or changes are made by AM General to the engine or the associated engine controller and exhaust emissions control equipment. Emission Certification of this engine was obtained by General Motors--reference **Executive Order A-6-950**. A copy of this Executive Order is included in **Section A** of this Application for Certification.