State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-955

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

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 the following General Motors Corporation 2000 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
YGMXH06.5526 (L57)	6.5	(395)	Indirect Fuel Injection Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

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

Total Hydrocarbon	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	4.0	0.10

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

Engine Family	Total Hydrocarbon	Carbon Monoxide	Nitrogen Oxides	Particulates
YGMXH06.5526	0.5	3.3	4.0	0.07

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.).

Engines 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 20th day of January 1999.

R. B. Summerfield, Chief
Mobile Source Operations Division

E.O. #A-6-95~~4~~ 5

2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: YGMXH06.5526

DISPLACEMENT: 6.5L 395 CUBIC INCHES

ALL ENG CODES IN ENG FAMILY: CA__ 49S__ 50S X STROKES/CYCLE: 4 VALVES/CYLINDER: 2

IGNITION: COMPRESSION__ COMPRESSION WITH GLOW PLUG X SPARK_

FUEL TYPE(S): DEDICATED X FLEX-FUEL__ DUAL-FUEL__ BI-FUEL__ DIESEL X CNG__

LNG__ LPG__ M85__ M100__ OTHER _____

DIESEL CERT FUEL: 13 CCR 2282__ 40 CFR 86.1313-90__ 40 CFR 86.1313-94 X

MAXIMUM RATED POWER: 160 HP @ 3400 RPM ENGINE CONFIGURATION: V8

EXHAUST ECS (E.G., OC, EGR, PTOX, IFI, TC, CAC): IFI, OC

ENG MODEL (ENG CODE)	RATED HP @ RPM	FUEL RATE @ RATED HP MM^3/STROKE (LBS/HR)	FUEL PUMP & INJECTOR P/N	ECM/PCM P/N	EGR VALVE P/N	PTOX/ CATALYTIC CONVERTER P/N
L57 (1)	160 @ 3400	50.5 (76.1)	10229115 10233972 12561383	NA	NA	25143901 25153008 15963895
L57 (4)			12550433 12535697 10229115 10233972 12561383			
L57(2)	150 @ 3400	45.5 (68.6)	10229119* 10233972 12561384*			
L57 (3)	127 @ 2600	47.0 (54.2)	10238969 10233972 12561385			

* High altitude

ISSUED: 12-16-98 REV. NO.: