File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-675
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year General Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: S1G5.7V8G1EA Displacement: 5.7 Liters (350 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Secondary Air Injection
Exhaust Gas Recirculation
Dual Three Way Catalytic Converters
Dual Heated Oxygen Sensors
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards (alternative in-use compliance standards in parentheses) for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.25 (0.32)	3.4 (5.2)	0.4 (n/a)
100,000	0.31 (n/a)	4.2 (n/a)	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.09	0.8	0.2
100,000	0.09	1.0	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 60 percent of the manufacturer's projected sales of 1995 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves 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.).

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 attachment.

Executed at El Monte, California this 21st day of March, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

E.O. #A-6-675

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G5.7V8G1EA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: S1G1058AYP0G

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI/EGR/2TWC/2HO2S/AIR (OBD2 Exempt, Alternative in-use)

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
11	4BN69	A4	4500	16202461	17092172	25146440. 25146441
	4BT69					
	6DW69		4750			
	1BL35					
	4BR35					
13	1BL19		4500	16202471		
	1BN19					
	1BB90		4750			
	4BB90+B9Q					
	4BB90					
	1BL35					
	4BR35					
	4BN69		4500			
	4BT69					
	6DW69		4750			
	[6DW69+V4U		6000			
	6DW69+B9Q]					

CARLINE	CODE
CAPRICE	12040
CAPRICE WAGON	12045
COACHBUILDER WAGON	55010
ROADMASTER	08060
ROADMASTER WAGON	08060
COACHBUILDER WAGON	08035
LIMOUSINE	10015
FLEETWOOD	10025
FUNDERAL COACH HEARSE	10035

ISSUED: ML-SP107 REVISED:

(FOR CARB USE ONLY)

E.O. #A-6-675

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G5.7V8G1EA

PASSENGER CARS_X_ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: S1G1058AYP0G

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI/EGR/2TWC/2HO2S/AIR

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
11A	4BN69	A4	4500	16206561	17092172	25146440, 25146441
	4BT69					
	6DW69		4750			
	1BL35					
	4BR35					
11B				16209321		
13A	1BL19		4500	16206581		
	1BN19					
	1BB90		4750			
	4BB90+B9Q					
	4BB90					
	1BL35					
	4BR35					
	4BN69		4500			
	4BT69					
	6DW69		4750			
	6DW69+V4U		6000			
	6DW69+B9Q					
13B				16209301		

CARLINE	CODE
CAPRICE	12040
CAPRICE WAGON	12045
COACHBUILDER WAGON	55010
ROADMASTER	08060
ROADMASTER WAGON	08060
COACHBUILDER WAGON	08035
LIMOUSINE	10015
FLEETWOOD	10025
FUNDERAL COACH HEARSE	10035

ISSUED: ML-SR030 REVISED: ML-SR061

17-S1G5.7V8G1EA-2.1

17-57V8G

(FOR CARB USE ONLY)

E.O. #A-6-675

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G5.7V8G1EA

PASSENGER CARS_X_ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: S1G1058AYP0G

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI/EGR/2TWC/2HO2S/AIR

DPA: SECTION 08.13.02.00 (OBD2 Exempt, alternative in-use)

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
14	1BL19 1BN19 4BN69 4BT69 1BL35 4BR35 6DW69	A4	4500 4750	16200301, 16202481	17092172	25146440, 25146441
15	1BL19 1BN19		4500	16200741		

CARLINE	CODE
CAPRICE	12040
CAPRICE WAGON	12045
COACHBUILDER WAGON	55010
ROADMASTER	08060
ROADMASTER WAGON	08060
COACHBUILDER WAGON	08035
LIMOUSINE	10015
FLEETWOOD	10025
FUNDERAL COACH HEARSE	10035

ISSUED: ML-SP107 REVISED:

(FOR CARB USE ONLY)

E.O. #A-6-675

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G5.7V8G1EA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: S1G1058AYP0G

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI/EGR/2TWC/2HO2S/AIR

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
14A	1BL19 1BN19 4BN69 4BT69	A4	4500	16206591, 16206701	17092172	25146440, 25146441
	1BL35 4BR35 6DW69		4750			
14B				16209331, 16209341		
15A	1BL19 1BN19		4500	16206641		
15B				16209351		

CARLINE	CODE
CAPRICE	12040
CAPRICE WAGON	12045
COACHBUILDER WAGON	55010
ROADMASTER	08060
ROADMASTER WAGON	08060
COACHBUILDER WAGON	08035
LIMOUSINE	10015
FLEETWOOD	10025
FUNDERAL COACH HEARSE	10035

ISSUED: ML-SR030 REVISED: ML-SR061

(FOR CARB USE ONLY)

E.O. #A-6-675

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G5.7V8G1EA

PASSENGER CARS_X_ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (INDOLENE) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: S1G1058AYM0H

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: SFI/EGR/2TWC/2HO2S/AIR

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
21	1FP87 2FV87 1FP67 2FV67	A4	3875	16205561, 16205581	17092172	12550803, 10237583, 25153083, 25153080
21A				16210041, 16210051		
22	1FP87 2FV87 1FP67 2FV67			16205631		
22A				16210061		

CARLINE	CODE
CAMARO	12045
FIREBIRD/FORMULA	33020

ISSUED: ML-SP107 REVISED: ML-SR061, ML-SR073, ML-SR138