

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-668
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: S1G3.8V8GFEC Displacement: 3.8 Liters (231 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Three Way Catalytic Converter
- Heated Oxygen Sensor
- Sequential Multiport Fuel Injection

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

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

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

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

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.10	2.3	0.1
100,000	0.11	2.5	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 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 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

(1995)

(A-6-668)

PONTIAC MODEL IDENTIFICATION

<u>MODEL</u>	<u>NAME</u>	<u>CAR LINE</u>	<u>CODE</u>
2FP87	FIREBIRD	FIREBIRD/FORMULA	33020
2FS87	FIREBIRD COUPE		33020
2FV87	FIREBIRD FORMULA		33020
2FS67	FIREBIRD CONVERTIBLE		33020
2FV67	FIREBIRD FORMULA CONVERTIBLE		33020
2HX69	BONNEVILLE SE SEDAN	BONNEVILLE	33045
2HZ69	BONNEVILLE SSE SEDAN		33045
2JB37	SUNFIRE SE COUPE	SUNFIRE	33060
2JB69	SUNFIRE SE SEDAN		33060
2JD37	SUNFIRE GT COUPE		33060
2JB67	SUNFIRE SE CONVERTIBLE		33060
2NE37	GRAND AM SE COUPE	GRAND AM	33025
2NE69	GRAND AM SE SEDAN		33025
2NW37	GRAND AM GT COUPE		33025
2NW69	GRAND AM GT SEDAN		33025
2WJ19	GRAND PRIX SE SEDAN	GRAND PRIX	33055
2WJ37	GRAND PRIX SE COUPE		33055

(1995)

(A-6-668)

OLDSMOBILE MODEL IDENTIFICATION

<u>MODEL</u>	<u>NAME</u>	<u>CAR LINE</u>	<u>CODE</u>
3AJ69	CUTLASS CIERA SL SEDAN	CUTLASS CIERA	29015
3AJ35	CUTLASS CRUISER SL STATION WAGON	CUTLASS CRUISER	29020
3CX69	NINETY EIGHT REGENCY SEDAN	NINETY EIGHT	29035]
3GR29	AURORA	AURORA	29045
3HN69	EIGHTY EIGHT ROYALE SEDAN	EIGHTY EIGHT	29025]
3HY69	EIGHTY EIGHT LS SEDAN		29025]
3NF37	ACHIEVA SC COUPE	ACHIEVA	29010
3NF69	ACHIEVA SL SEDAN		29010
3NL37	ACHIEVA S COUPE		29010
3NL69	ACHIEVA S SEDAN		29010
3WH47	CUTLASS SUPREME S COUPE	CUTLASS SUPREME	29055
3WH69	CUTLASS SUPREME S SEDAN		29055
3WT67	CUTLASS SUPREME CONVERTIBLE		29055

(1995)

(A-6-668)

BUICK MODEL IDENTIFICATION

<u>MODEL</u>	<u>NAME</u>	<u>CAR LINE</u>	<u>CODE</u>
4AG69 4AH69	CENTURY SPECIAL SEDAN CENTURY CUSTOM SEDAN	CENTURY	08020 08020
4AG35 4AH35	CENTURY SPECIAL WAGON CENTURY CUSTOM WAGON	CENTURY WAGON	08025 08025
4BN69	ROADMASTER SEDAN	ROADMASTER	08060
4BB90 4BB90+B9Q	COACHBUILDER WAGON COACHBUILDER HEARSE	COACHBUILDER WAGON	78010 78010
4BR35	ROADMASTER ESTATE WAGON	ROADMASTER WAGON	08035
4CU69 4CW69	PARK AVENUE ULTRA SEDAN PARK AVENUE SEDAN	PARK AVENUE	08040 08040
4GD07	RIVIERA	RIVIERA	08045
4HP69 4HR69	LESABRE CUSTOM SEDAN LESABRE LIMITED SEDAN	LESABRE	08030 08030
4NJ37 4NJ69 4NM37 4NM69	SKYLARK LIMITED COUPE SKYLARK LIMITED SEDAN SKYLARK GRAN SPORT COUPE SKYLARK GRAN SPORT SEDAN	SKYLARK	08055 08055 08055 08055
4WB19 4WB57 4WD19 4WD57 4WF19 4WF57	REGAL CUSTOM SEDAN REGAL CUSTOM COUPE REGAL LIMITED SEDAN REGAL LIMITED COUPE REGAL GRAN SPORT SEDAN REGAL GRAN SPORT COUPE	REGAL	08022 08022 08022 08022 08022 08022

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.8V8GFEC
 PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___
 FUEL TYPE: GAS (PH2) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA
 ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: S1G1058AYM0D
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-HO2S-SFI
 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.
1	2HX69 3HN69 3HY69 3CX69 3CW69 4CW69	A4	3750 3875	DK130261	17095163	25145473
1A				16198764		
1B				16209674		
1C				16215714		
2	2HZ69 2HX69 3HN69 3HY69 3CV69 3CX69 3CW69 4CW69		3750 3875	DK130262		
2A				16198774, 16198784		
2B				16209644, 16209664		
2C				16215724, 16215764		

CARLINE NAME	CARLINE CODE
BONNEVILLE	33045
NINETY EIGHT	29035
EIGHTY EIGHT	29025
PARK AVENUE	08040

ISSUED: ML-SP098

REVISED: ML-SR024, ML-SR037, ML-SR088

17-S1G3.8V8GFEC-2

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: S1G3.8V8GFEC

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (PH2) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: S1G1058AYMOD, S1G1065AYPOA

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-HO2S-SFI

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.
3	4HP69 4HR69	A4	3750	DK122591, DK124154	17094050, 17094153	25143483, 24503508, 25146384
3A				16194774, 16194804		
3B				16211694		
4	4HP69 4HR69			DK122592, DK124132		
4A				16194784, 16194814		
4B				16211704		
5	4WB19 4WD19 4WF19 4WF57 4WB57 4WD57		3625	16194874		24503708, 25144762, 25131709
6	4GD07		4000	DK130263	17095163	25145667
6A				16179664		
6B				16209634		
6C				16215754		

CARLINE NAME	CARLINE CODE
RIVIERA	08045
REGAL	08022
LESABRE	08030

ISSUED: ML-SP098

REVISED: ML-SR024, ML-SR037, ML-SR049, ML-SR088, ML-SR106