State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-524 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 1992 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: N1G2.0W5JFH9 Displacement: 1.6 Liters (98 Cu. In.) 2.0 Liters (122 Cu. In.)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Oxygen Sensor
Exhaust Gas Recirculation
Throttle Body Electronic Fuel Injection

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

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)		
0.39	7.0	0.4		

The following are the certification emission values for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
(Grams per Mile)	(Grams per Mile)	(Grams per Mile)
0.17	2.7	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle model also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards 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" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 (California Health and Safety Code Section 43205).

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 6

day of February, 1991.

R. B. Summerfield Assistant Division Chief Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... N1G2.OW5JFH9

EVAPORATIVE FAMILY.... NAOP-1H

CARLINES TO BE COVERED:

CARLINE NAME

CARLINE CODE

LEMANS

33005

ISSUED: 01-03-91 (ML-NP108)

16-N1G2.OW5JFH9-2

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS:

1 J C 3 7 (EXAMPLE)

Digit 1 - Selling Division

- 1 Chevrolet
- 2 Pontiac
- 3 Oldsmobile
- 4 Buick
- 6 Cadillac
- 8 Saturn

Digit 2 - Body Designation

- A 6000, Cutlass Ciera, Cutlass Cruiser, Century
- B Caprice, Custom Cruiser, Roadmaster Wagon, Coachbuilder Wagon, Roadmaster
- C Ninety-Eight, Touring, Park Avenue, DeVille, Fleetwood, Commercial Chassis
- D Brougham
- E Toronado, Riviera, Eldorado, Reatta, Trofeo F Camaro, Firebird, Trans Am
- H Bonneville, Eighty-Eight, LeSabre
- J Cavalier, Sunbird
- K Seville
- L Corsica, Beretta
- N Grand Am, Achieva, Skylark
- T Lemans
- V Allante
- W Grand Prix, Regal, Cutlass Supreme, Lumina
- Y Corvette
- Z Saturn Coupe/Sedan

Digit 3 - Trim Level

B, C, D, E, F, G, H, J, K, M, N, L, P, R, S, T, U, V, W, X, Y, Z

Digits 4 & 5 - Body Style

07	-	2Dr	Sport Coupe	57	-	2Dr I	Hardtop Coupe
80	•	2Dr	Hatchback Coupe	67	-	2Dr (Convertible Coupe
19		4Dr	Sedan	68	-	4Dr H	Hatchback Sedan
27	-	2Dr	(Notchback Coupe)	69	•	4Dr	(Notchback) Sedan
35	-	4Dr	Station Wagon	87	-	2Dr I	Hatchback Coupe
							1 1 7 01

37 - 2Dr Hardtop Coupe 90 - Commericial Chassis 97 - 2Dr Hardtop Coupe 47 - 2Dr Hardtop Coupe

ISSUED: 01-03-91 REVISED:

(ML-NP108)

17-N1G2.0W5JFH9-1 (1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

ANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N1G2.0W5JFH9 PASSENGER CARS_X LIGHT DUTY TRUCKS MEDIUM DUTY VEHICLES FUEL TYPE: GAS ENGINE TYPE: 14 LITER (CID): 1.6 (98) / 2.0 (122) EVAP FAMILY: NAOP-1H EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, TWC, 02S, TBI ENGINE: FRONT_X MID__ REAR___ DRIVE: FWD_X RWD 4WD-FT 4WD-PT CERTIFICATION STANDARDS: .4 NOX RLHP: SEE ATTACHMENT I TRANS TYPE: EQUIV IGN SYSTEM EGR ENG VEH MODELS TEST (PCME/PROM) SYSTEM A-AUTO CATALYST CODE (SEE PAGE 1) M-MAN WEIGHT PART NO. PART NO. PART NO. 51 2TN08 A3 2625 16159009/AWZZ 17092164 25127798 2TN19 51A 16164489/AYDH 52 2TN08 2500 16159009/AWZZ 2TN19 2625 52A 16164489/AYDH 53 2TX08 M4 2500 16158989/AWZX 17092165 2TN08 M₅ 2TN19 53A 16164469/AYDD 54 2TX08 M4 2500 16158989/AWZX 2TN08 M5 2TN19 54A 16164469/AYDD 55 2TS08 A3 2750 16139569/ASFR 17089050 56 2TS08 2625 57 2TS08 M5 16139599/ASFS 17089051 58 2TS08

ISSUED: 01-03-91

(ML-NP108)

REVISED: ML-NR020

17-N1G2.0W5JFH9-2 (1992)

ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	Somph Road Load Hp	without.AC Coast Dyno Down Mp Time	Coast Dyno Down Hp Time	CD, CA or FA
PONTIAC LEMANS (2T_08,2T_19)					
w/man. trans & P175/70R13 ALS w/man. trans & P175/70R13 ALS w/auto trans & P175/70R13 ALS w/man. trans & P185/60HR14 HWY w/man. trans & P185/60HR14 HWY w/auto trans & P185/60HR14 HWY w/auto trans & P185/60HR14 HWY	2625 Only 0-2500 0-2625 2750 Only 2625 Only 2750 Only 2625 Only	9.37 9.26 9.95 10.89 10.80 11.59	5.8 17.25 5.8 16.71 6.0 16.36 6.1 15.56 6.1 14.98 6.1 14.62 6.1 14.07	6.4 16.27 6.4 15.83 6.6 15.44 6.7 14.74 6.7 14.18 6.7 13.89 6.7 13.36	CA CD CA CA CA