

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-532-1
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: N1G5.7V5XEA2 Displacement: 5.0 Liters (305 Cu. In.)

Exhaust Emission Control Systems and Special Features:

- Three-Way Catalyst
- Oxygen Sensor
- Secondary Air Injection
- 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:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.4

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

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.21	3.0	0.4

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 models 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.

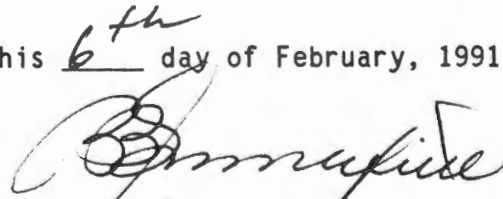
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 6th day of February, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

A-6-532-1

CERTIFICATE INFORMATION

16.03.00.00

ENGINE FAMILY..... N1G5.7V5XEA2

EVAPORATIVE FAMILY..... NBO-1P

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
ROADMASTER WAGON	08035
CAPRICE	12040
CAPRICE WAGON	12045
CUSTOM CRUISER WAGON	29030
COACHBUILDER WAGON	78010

ISSUED: 10-12-90
(ML-NP049)

16-N1G5.7V5XEA2-2

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, Cutlass Calais, 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 Hardtop Coupe |
| 08 - 2Dr Hatchback Coupe | 67 - 2Dr Convertible Coupe |
| 19 - 4Dr Sedan | 68 - 4Dr Hatchback Sedan |
| 27 - 2Dr (Notchback Coupe) | 69 - 4Dr (Notchback) Sedan |
| 35 - 4Dr Station Wagon | 87 - 2Dr Hatchback Coupe |
| 37 - 2Dr Hardtop Coupe | 90 - Commercial Chassis |
| 47 - 2Dr Hardtop Coupe | 97 - 2Dr Hardtop Coupe |

ISSUED: 10-12-90
(ML-NP049)

REVISED:

17-N1G5.7V5XEA2-1
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N1G5.7V5XEA2
 PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS
 ENGINE CONFIG: V8 LITER (CID): 5.0 (305) EVAP FAMILY: NBO-1P
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: AIR-EGR-TWC-02S-TBI
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: 0.4 NOx DPA AND RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
51	1BL19 1BN19	A4	4250	16155001/AWFF	17090156	25128067
51A				16165951/AYMK		
56	1BL35 3BP35 4BB90 4BR35 1BB90		4750	16159921/AXCU		
56A				16165941/AYMJ		

ISSUED: 10-12-90
(ML-NP049)

REVISED: ML-NR010, NR021, NR028

17-N1G5.7V5XEA2-2
(1992)

Attachment I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Coast Dyno Hp Time	.with..AC. Coast Dyno Hp Time	CD, CA or FA
***** B BODY (RWD) *****					
CHEVROLET CAPRICE (1B_19) without SEO 9C1 (police package)					
w/GEN P205/75R15 ALS	0-4250	12.73	8.0 20.57	8.8 19.40	CD
w/GEN P215/75R15 ALS	0-4250	12.05	7.8 21.74	8.6 20.41	CA
w/P225/70R15 AL2	0-4250	13.98	7.2 18.73	7.9 17.82	CA
w/P225/75R15 ALS	0-4250	12.29	7.6 21.31	8.3 20.08	CA
w/UNI P235/70R15 ALS	0-4250	12.27	7.5 21.29	8.2 20.07	CA
CHEVROLET CAPRICE (1B_19) with SEO 9C1 (police package)					
w/GEN (SEO R4Z) & P225/70HR15 AL3	4500 Only	15.71	8.0 17.64	8.8 16.79	CA
w/GEN (SEO R4Z) & P225/70HR15 AL3	0-4250	15.36	7.9 17.05	8.7 16.22	CA
w/GDY (SEO R4Y) & P225/70HR15 AL3	4500 Only	14.26	7.2 19.43	7.9 18.50	CA
w/GDY (SEO R4Y) & P225/70HR15 AL3	0-4250	13.98	7.1 18.73	7.8 17.83	CA
w/GDY P235/70R15 AL3	4500 Only	15.28	7.2 18.13	7.9 17.32	CA
w/GDY P235/70R15 AL3	0-4250	14.94	7.2 17.52	7.9 16.72	CA
BUICK ROADMASTER SEDAN (4BT69)					
w/UNI P235/70R15 ALS	0-4500	13.29	8.4 20.79	9.2 19.56	CA
CHEVROLET CAPRICE WAGON (1BL35) without SEO 9C1 (police package)					
w/P225/75R15 ALS	0-4750	13.27	7.7 22.03	8.5 20.81	CA
CHEVROLET CAPRICE WAGON (1BL35) with SEO 9C1 (police package)					
w/GEN (SEO R4Z) & P225/70HR15 AL3	0-4750	16.50	7.8 17.71	8.6 16.91	CA
w/GDY (SEO R4Y) & P225/70HR15 AL3	0-4750	15.05	7.1 19.41	7.8 18.54	CA
OLDSMOBILE CUSTOM CRUISER WAGON (3BP35)					
BUICK ESTATE WAGON (4BR35)					
BUICK COACHBUILDER WAGON (4BB90)					
w/P225/75R15 ALS	0-4750	13.54	8.0 21.59	8.8 20.38	CA

REVISED: 14AUG90

REV. NO.: 001 003
002 004

08.13.02.00 - 5

~~(1991)~~
1992

DATE : 12/12/90

DYNAMOMETER HORSEPOWERS AND TIMES

1992 MODEL YEAR PASSENGER CARS

Body Style	Test Weight Classes	50mph Road Load Hp	w/o AC Factor..			with AC Factor.			Highest Volume Tire.....(NOT OFFICIAL).....Tire									
			Dyno	Down	Upper	Dyno	Down	Upper	Drive Axle Tire Size	Belt Fabric	Mfg No.	TPC Code	Disc Ltrr No	Flag				
BUICK ROADMASTER SEDAN (4BN69)																		Carline Codes: 08060
BUICK ROADMASTER LIMITED SEDAN (4BT69)																		08060
A4 tran & UNI	P235/70R15 102S ALS	0-4500	13.29	8.4	20.79	22.24	9.2	19.56	20.92	P235/70R15	ALS	STEEL	UNI	1092MS			003B	
LOWER TWC		4250		8.4	19.63	21.00	9.2	18.47	19.76									
LOWER TWC		4000		8.4	18.48	19.77	9.2	17.39	18.60									
A4 tran & GDY	P225/70R15 100S AL2	0-4500	15.90	8.1	17.37	18.58	8.9	16.53	17.68	P225/70R15	AL2	STEEL	GDY	1033MS			007	
LOWER TWC		4250		8.1	16.40	17.55	8.9	15.61	16.70									
LOWER TWC		4000		8.1	15.44	16.52	8.9	14.69	15.72									

Attachment I