

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-552
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 General Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: N2G3.8W6XEB1 Displacement: 3.8 Liters (231 Cu. In.)

Exhaust Emission Control Systems and Special Features:

- Three-Way Catalyst
- Oxygen Sensor
- Exhaust Gas Recirculation
- Supercharger
- Sequential Multipoint Electronic Fuel Injection

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

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.41	7.0	0.4

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.23	2.8	0.3

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.

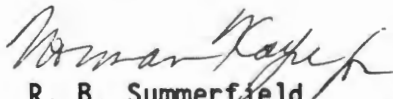
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 (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 16th day of July, 1991.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... N2G3.8W6XEB1

EVAPORATIVE FAMILY..... NBO-2J

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
PARK AVENUE	08040
NINETY-EIGHT	29035
BONNEVILLE	33045

ISSUED: 06-14-91
(ML-NP304)

16-N2G3.8W6XEB1-2

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 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: 06-14-91
(ML-NP304)

REVISED:

17-N2G3.8W6XEB1-1
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: N2G3.8W6XE1

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: NB0-2J

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: TWC, EGR, O2S, SC, SMPI

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

CERTIFICATION STANDARDS: .4 DPA & 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.
11	4CU69 3CV69 3CX69	A4	4000	16154034/AUY	17092170, 17092178	25130623
11A				16167644/AYUU		
11B				16171304/AZTL		
11C				16173644/BADB		
12	2HY69 2HZ69			16154174/AUZR		
12A				16167674/AYUY		
12B				16171334/AZTP		

ISSUED: 06-14-91
(ML-NP304)

REVISED: ML-NR044, NR068, NR089

17-N2G3.8W6XE1-2
(1992)

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.....						
			Dyno	Down	Upper	Dyno	Down	Upper(NOT OFFICIAL).....Tire		Drive Axle	Belt	TPC	Disc	Ltr
			Hp	Time	Limit	Hp	Time	Limit	Tire Size	Fabric	Mfg	No.	Code	No	Flag
BUICK PARK AVENUE ULTRA SEDAN (4CU69)										Carline Codes: 08040					
auto trans & GDY P215/60R16 AL2	0-4000	14.23	5.3	17.29	18.50	5.9	16.67	17.83	P215/60R16 AL2	STEEL	GDY	1088MS	S	005C	NEW
LOWER TWC	3875		5.3	16.75	17.92	5.9	16.15	17.27							
auto trans & GDY P215/70R15 ALS	0-4000	12.52	5.8	19.64	21.01	6.4	18.77	20.08	P215/70R15 ALS	STEEL	GDY	1096MS	U	005A	
LOWER TWC	3875		5.8	19.03	20.35	6.4	18.18	19.45							
OLDSMOBILE TOURING SEDAN (3CV69)										Carline Codes: 29035					
auto trans & GDY P225/60R16 AL2	0-4000	13.22	5.1	18.60	19.90	5.6	17.91	19.16	P225/60R16 AL2	STEEL	GDY	1089MS	S	005	
LOWER TWC	3875		5.1	18.02	19.28	5.6	17.35	18.56							
LOWER TWC	3750		5.1	17.44	18.65	5.6	16.79	17.96							
PONTIAC BONNEVILLE SSE SEDAN (2HZ69)										Carline Codes: 33045					
auto trans & GDY P225/60R16 AL2	0-3875	13.20	5.7	18.08	19.34	6.3	17.35	18.56	P225/60R16 AL2	STEEL	GDY	1089MS	S	004	
LOWER TWC	3750		5.7	17.50	18.72	6.3	16.79	17.96							
LOWER TWC	3625		5.7	16.91	18.09	6.3	16.23	17.36							
PONTIAC BONNEVILLE SSE1 SEDAN (2HY69)										Carline Codes: 33045					
auto trans & GDY P225/60ZR16 AL3	0-4000	14.18	4.8	17.37	18.58	5.3	16.77	17.94	P225/60ZR16 AL3	ST/NYL	GDY	1105MS	T	004A	
LOWER TWC	3875		4.8	16.83	18.00	5.3	16.25	17.38							
auto trans & GDY P225/60R16 AL2	0-4000	13.31	5.7	18.50	19.79	6.3	17.74	18.98	P225/60R16 AL2	STEEL	GDY	1089MS	T	004A	
LOWER TWC	3875		5.7	17.92	19.17	6.3	17.19	18.38							

ATTACHMENT I