

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-6-56
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 federally certified exhaust emission control systems are certified for sale in California as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: N2G4.9V8X6A8 Displacement: 4.9 Liters (297 Cu.In.)

Exhaust Emission Control Systems and Special Features:

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

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

The emission standards for this engine family, in grams per mile, are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.41	3.4	1.0

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.17	2.3	0.5

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 "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

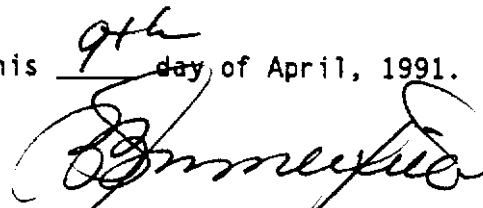
BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally certified 1992 model-year vehicles using the "Guidelines for Certification of 1983 and Subsequent Model-Year Federally Certified Light-Duty Motor Vehicles for Sale in California" (Title 13, California Code of Regulations, Section 1960.5).

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 regulations (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 9th day of April, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

CERTIFICATE INFORMATION

16.03.00.00

ENGINE FAMILY..... N2G4.9V8X6AB

EVAPORATIVE FAMILY..... NBO-2B

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
SEVILLE	10005
DEVILLE	10010
ELDORADO	10020
COMMERCIAL CHASSIS	53010

ISSUED: 03-19-91
(ML-NP232)

16-N2G4.9V8X6AB-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: 03-19-91
(ML-NP232)

REVISED:

17-N2G4.9V8X6A8-1
(1992)

(FOR CARB USE ONLY)

E.O. #P-6-56

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: N2G4.9V8X6A8

PASSENGER CARS X LD TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: PREMIUM GAS

ENGINE CONFIG: V8 LITER (CID): 4.9 (297) EVAP FAMILY: NBO-2B

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-02S-SMPI

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

CERTIFICATION STANDARDS: 1.0 NOx 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.
1X, 1XA	6CB47 6CD47 6CD69 6CB69 6CG69	A4	3875 4000	16158786/AWYJ	17091120	25120599
1XB				16164846/AYFX		
2,2A	6CZ90		4500	16158756/AWYD		
2B				16164816/AYFT		

ISSUED: 03-19-91
(ML-NP232)

REVISED:

17-N2G4.9V8X6A8-2
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N2G4.9V8X6A8
 PASSENGER CARS X LD TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: PREMIUM GAS
 ENGINE CONFIG: V8 LITER (CID): 4.9 (297) EVAP FAMILY: N80-2B
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-02S-SMPI
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: 1.0 NOx DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
3X, 3XA	6EL57 6KS69 6KY69	A4		4000	16158706/AWXY	17091121	25129701
3XB					16164776/AYFN		
5,5A	6CD69				16158776/AWYH	17091120	25120599
5B					16164836/AYFW		

ISSUED: 03-19-91
(ML-NP232)

REVISED:

17-N2G4.9V8X6A8-3
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N2G4.9V8X6A8
 PASSENGER CARS X LD TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: PREMIUM GAS
 ENGINE CONFIG: V8 LITER (CID): 4.9 (297) EVAP FAMILY: NB0-2B
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-02S-SMPI
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: 1.0 NOx 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.
7X, 7XA	6CB47 6CD47 6CD69 6CB69 6CG69	A4	3875 4000	16158786/AWYJ	17091120	25130599
7XB				16164846/AYFX		
7XC				16170516/AZPU		
2,2A	6CZ90		4500	16158756/AWYD		
2B				16164816/AYFT		
2C				16169046/AZCU		

ISSUED: 03-19-91
(ML-NP232)

REVISED: ML-NP319, NP322, NR071

17-N2G4.9V8X6A8-2
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N2G4.9V8X6A8
 PASSENGER CARS X LD TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: PREMIUM GAS
 ENGINE CONFIG: V8 LITER (CID): 4.9 (297) EVAP FAMILY: NBO-2B
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-02S-SMPI
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___
 CERTIFICATION STANDARDS: 1.0 NOx 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.
8X, 8XA	6EL57 6KS69 6KY69	A4	4000	16158706/AWXY	17091121	25129701
8XB				16164776/AYFN		
8XC				16169016/AZCR		
5, 5A	6CD69			16158776/AWYH	17091120	25130599
5B				16164836/AYFW		
5C				16169066/AZCX		
9X	6CB47 6CD47 6CD69 6CB69 6CG69		3875 4000	16164816/AYFT		25129703
9XA				16170516/AZPU		

ISSUED: 03-19-91
(ML-NP232)

REVISED: ML-NR039, NP319, NP322, NR062, NR071

17-N2G4.9V8X6A8-3
(1992)

D Y N A M O M E T E R H O R S E P O W E R S A N D T I M E S

1992 MODEL YEAR PASSENGER CARS

Body Style	50mph		.w/o AC Factor..		with AC Factor.		.....Highest Volume Tire.....	
	Road Load	Test Weight Classes	.....Coast.....	Dyno Down Upper Limit	.....Coast.....	Dyno Down Upper Limit	.....(NOT OFFICIAL).....	.....Tire Disc Ltrr
*****	50mph Road Load	Test Weight Classes	.....Coast.....	Dyno Down Upper Limit	.....Coast.....	Dyno Down Upper Limit	.....(NOT OFFICIAL).....	.....Tire Disc Ltrr
*****	50mph Road Load	Test Weight Classes	.....Coast.....	Dyno Down Upper Limit	.....Coast.....	Dyno Down Upper Limit	.....(NOT OFFICIAL).....	.....Tire Disc Ltrr
*****	50mph Road Load	Test Weight Classes	.....Coast.....	Dyno Down Upper Limit	.....Coast.....	Dyno Down Upper Limit	.....(NOT OFFICIAL).....	.....Tire Disc Ltrr

***** C BODY (FWD)(continued) *****

OLDSMOBILE TOURING SEDAN (3CV69)

auto trans & LOWER TWC	4000 Only	5.1	18.60	19.90	5.6	17.91	19.18	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					

BUICK PARK AVENUE SEDAN (4CW69)

auto trans & LOWER TWC	4000 Only	6.3	19.31	20.68	6.9	18.34	19.62	P205/70R15 ALS	STEEL	MIC 1072MS	R	003
LOWER TWC	3750	6.3	18.99	20.31	6.9	17.96	19.21	P205/70R15 ALS	STEEL	MIC 1072MS	R	003
auto trans & LOWER TWC	4000 Only	6.0	17.33	18.54	6.6	16.63	17.79	P215/60R16 AL2	STEEL	GDY 1088MS	S	003
LOWER TWC	3750	6.0	16.45	17.60	6.6	15.78	16.88	P215/60R16 AL2	STEEL	GDY 1088MS	S	003

CADILLAC COUPE DEVILLE (6CD47) & SEDAN DEVILLE (6CD69)
CADILLAC FLEETWOOD COUPE (6CB47) & FLEETWOOD SEDAN (6CB69)
CADILLAC FLEETWOOD SIXTY SPECIAL (6CG69)

auto trans & LOWER TWC	4250 Only	6.4	19.10	20.43	7.0	18.25	19.52	P205/70R15 ALS	STEEL	MIC 1072MS	R	003H
LOWER TWC	3750	6.3	18.34	19.62	6.9	17.52	18.74	P205/70R15 ALS	STEEL	MIC 1072MS	R	003H
auto trans & LOWER TWC	4000 Only	6.3	17.91	19.16	6.9	17.10	18.29	P205/70R15 ALS	STEEL	MIC 1072MS	R	003H
LOWER TWC	3750	6.3	17.33	18.54	6.9	16.55	17.70	P205/70R15 ALS	STEEL	MIC 1072MS	R	003H

Carline Codes: 29035

Carline Codes: 08040

Carline Codes: 10010
10010

D Y N A M O M E T E R H O R S E P O W E R S A N D T I M E S

1992 MODEL YEAR PASSENGER CARS

Test	50mph .w/o AC Factor..		with AC Factor.		.....Highest Volume Tire.....	
	Road Load	Dyno Dyno	Coast.....	Coast.....	(NOT OFFICIAL).....	Tire
Weight Classes	Upper	Lower	Upper	Lower	Drive Axle	TPC Disc
Body Style	Hp	Hp	Time	Time	Tire Size	Fabric Mfg No. Code
*****	Limit	Limit	Limit	Limit	*****	No. Code
*****	*****	*****	*****	*****	*****	*****

***** C BODY (FWD)(continued) *****

CADILLAC SEDAN DEVILLE (6CD69) with RPO RIP (heavy duty chassis)						Carline Codes: 10010							
auto trans & UNI P215/75R15 ALS	0-4000	13.31	6.5	18.48	19.77	7.1	17.62	18.85	P215/75R15 ALS	STEEL	UNI 1034MS	S	003H
CADILLAC COMMERCIAL CHASSIS (6CZ80)						Carline Codes: 53010							
auto trans & MIC P205/70R15 ALS	0-4500	14.14	6.9	19.54	20.90	7.5	18.63	19.93	P205/70R15 ALS	STEEL	MIC 1072MS	R	003H

***** D BODY (RWD) *****

CADILLAC BROUGHAM SEDAN (6DW69)						Carline Codes: 10025								
auto trans & UNI P225/75R15 ALS	4500	Only	15.14	10.0	18.36	19.64	11.0	17.22	18.42	P225/75R15 ALS	STEEL	UNI 1035MS	R	003D
auto trans & UNI P225/75R15 ALS	0-4250		14.97	10.0	17.56	18.78	11.0	16.46	17.61	P225/75R15 ALS	STEEL	UNI 1035MS	R	003D
LOWER TWC	4000			10.0	16.53	17.68	11.0	15.49	16.57					
LOWER TWC	3875			10.0	16.01	17.13	11.0	15.01	16.05					

***** E BODY (FWD) *****

OLDSMOBILE TORONADO COUPE (3EZ57)						Carline Codes: 29040							
A4 tran & GDY P215/65R15 95S AL2	0-3875	12.42	5.2	19.21	20.55	5.7	18.44	19.73	P215/65R15 AL2	STEEL	GDY 1083MS	R	003E
LOWER TWC	3750			5.2	18.59	19.89	5.7	17.85	19.09				
LOWER TWC	3625			5.2	17.97	19.22	5.7	17.25	18.45				
A4 tran & GDY P215/65R15 95U AL3	0-3875	13.50	5.0	17.67	18.90	5.5	17.04	18.23	P215/65R15 AL3	ST/NYL	GDY 1042MS	S	003E
LOWER TWC	3750			5.0	17.10	18.29	5.5	16.49	17.64				
LOWER TWC	3625			5.0	16.53	17.68	5.5	15.94	17.05				