

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-527
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: N1G2.5W5TPG2 Displacement: 2.5 Liters (151 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:

<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>
0.41	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>
0.13	2.8	0.1

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 27th day of February, 1991.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00^d

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... N1G2.5W5TPG2

EVAPORATIVE FAMILY..... NAOP-1A

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
CENTURY	08020
CENTURY WAGON	08025
CELEBRITY WAGON	12035
CUTLASS CIERA	29015
CUTLASS CRUISER	29020
6000	33010
6000 WAGON	33050

ISSUED: 02-06-91
(ML-NP155)

16-N1G2.5W5TPG2-2

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
LIGHT DUTY TRUCKS AND MEDIUM DUTY VEHICLES

Example, Pattern A: CC10703+E62

Example, Pattern B: 1UM05

Digit 1 = Marketing Division

Pattern A

C = Chevrolet
T = GMC
H = Oldsmobile

Pattern B

1 = Chevrolet
2 = Pontiac
3 = Oldsmobile

Note: Digit 1 is not used for Pattern A models on engine family pages or California Supplemental Data Sheets.

Digit 2 = Chassis Type (all)

U = Conventional 4x2 Front Wheel Drive
C, R, S, M = Conventional 4x2 Rear Wheel Drive
G = Forward Control 4x2 Rear Wheel Drive
K, V, T, L = Conventional 4x4 Four Wheel Drive, All Wheel Drive

Digit 3 = Series/GVWR

Pattern A

1 = 10,15,1500/3500-7300
2 = 20,25,2500/6400-8600
3 = 30,35,3500/7100-14500

Pattern B

Letter code designates trim level rather than series/GVWR.

Digits 4 & 5

Pattern A = Dimensional Grouping

05 = Blazer, Jimmy, Bravada
06 = S/T Short Box
07 = C/K Short Box
08 = S/T Long Box & Cab-Chassis
09 = C/K Long Box, R/V Suburban, M/L Short Body
10 = G Short Wheelbase, M/L Long Body
13 = G Long Wheelbase

Pattern B

05 = Cargo (APV)
06 = Passenger (Lumina APV, Trans Sport, Silhouette)

Digits 6 & 7 = Body/Cab Codes (Pattern A Only)

03 = Conventional Cab, Cab-Chassis
05 = Cargo Van
06 = Passenger Van, 4 Door Special Purpose Vehicle
16 = 2 Door Special Purpose Vehicle
53 = Extended Cab

Pickup Body Codes (Optional, Used with Pattern A Only)

+E62 = Stepside, Fenderside
+E63 = Fleetside, Wideside
+ZW9 = Cab-Chassis

ISSUED: 02-06-91
(ML-NP155)

REVISED:

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: N1G2.5W5TPG2

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

ENGINE TYPE: L4 LITER (CID): 2.5 (151) EVAP FAMILY: NAOP-1A

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR/TWC/O2S/TBI

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

CERTIFICATION STANDARDS: 0.41 HC, 7.0 CO, 0.4 NOx, 2.0 EVAP 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				
51	2AF69	A4		3125	16138791/ASAU	17090078	25102754
	3AL37						
	3AM37						
	3AL69						
	3AM69						
	4AG69						
	4AL37						
	3AJ37						
	3AJ69						
	4AL69						
	4AH37						
	4AH69						
	1AW35						
	2AF35						
	3AJ35						
3AM35							
4AH35							
4AL35							

ISSUED: 02-06-91
(ML-NP155)

REVISED:

17-N1G2.5W5TPG2-2
(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	CC. CA or FA
***** A BODY (FWD & AWD) *****							
PONTIAC 6000 STE (2AJ69 w/RPO F73) - ALL WHEEL DRIVE							
OLDSMOBILE CIERA SL (3AM69 w/RPO F73) - ALL WHEEL DRIVE							
w/P195/70R15 AL3	0-3625	14.62	7.2	15.24	7.9	14.52	CA
PONTIAC 6000 (2AF69,2AJ69 w/o RPO F73) - FWD							
OLDSMOBILE CUTLASS CIERA (3A_37,3A_69) - FWD							
BUICK CENTURY (4A_37,4A_69) - FWD							
w/auto trans & (P185&P195)/75R14	3375-3500	11.23	6.2	19.24	6.8	18.24	CA
w/auto trans & (P185&P195)/75R14	0-3250	11.04	6.2	18.19	6.8	17.22	CA
w/man. trans & (P185&P195)/75R14	3375-3500	10.73	6.2	20.13	6.8	19.04	CA
w/man. trans & (P185&P195)/75R14	0-3250	10.54	6.2	19.05	6.8	18.00	CA
w/auto trans & P195/70R14 ALS	3375-3500	11.73	6.1	18.42	6.7	17.51	CA
w/auto trans & P195/70R14 ALS	0-3250	11.52	6.1	17.44	6.7	16.56	CA
w/man. trans & P195/70R14 ALS	3375-3500	11.23	6.1	19.24	6.7	18.24	CA
w/man. trans & P195/70R14 ALS	0-3250	11.02	6.1	18.23	6.7	17.27	CA
w/auto trans & P195/70R14 AL2	3375-3500	11.80	5.4	18.23	6.0	17.43	CA
w/auto trans & P195/70R14 AL2	0-3250	11.39	5.4	17.55	6.0	16.75	CA
w/man. trans & P195/70R14 AL2	3375-3500	11.30	5.4	19.04	6.0	18.16	CA
w/man. trans & P195/70R14 AL2	0-3250	10.89	5.4	18.36	6.0	17.48	CA
w/auto trans & P195/70R14 AL3	3375-3500	12.66	4.9	17.06	5.4	16.42	CA
w/auto trans & P195/70R14 AL3	0-3250	12.41	4.9	16.19	5.4	15.56	CA
w/man. trans & P195/70R14 AL3	3375-3500	12.16	4.9	17.77	5.4	17.07	CA
w/man. trans & P195/70R14 AL3	0-3250	11.91	4.9	16.87	5.4	16.19	CA
w/auto trans & P215/60R14 AL3	3375-3500	12.66	4.9	17.06	5.4	16.42	CA
w/auto trans & P215/60R14 AL3	0-3250	12.41	4.9	16.19	5.4	15.56	CA
w/man. trans & P215/60R14 AL3	3375-3500	12.16	4.9	17.77	5.4	17.07	CA
w/man. trans & P215/60R14 AL3	0-3250	11.91	4.9	16.87	5.4	16.19	CA
w/auto trans & P195/70R15 AL3	3375-3500	12.37	5.2	17.46	5.7	16.76	CA
w/auto trans & P195/70R15 AL3	0-3250	12.13	5.2	16.56	5.7	15.87	CA
w/man. trans & P195/70R15 AL3	3375-3500	11.87	5.2	18.20	5.7	17.44	CA
w/man. trans & P195/70R15 AL3	0-3250	11.63	5.2	17.27	5.7	16.52	CA

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REV. NO.: 001
002

08.13.02.00- 2
(1991)

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	CC. CA or FA
***** A BODY (FWD & AWD) (continued) *****							
CHEVROLET CELEBRITY WAGON (1AW35) with RPO C51 (rear air deflector)							
PONTIAC 6000 WAGON (2A_35) with RPO C51 (rear air deflector)							
OLDSMOBILE CUTLASS CRUISER (3A_35) with RPO C51 (rear air deflector)							
BUICK CENTURY WAGON (4A_35) with RPO C51 (rear air deflector)							
w/auto trans & (P185&P195)/75R14	3375-3500	12.53	7.5	17.24	8.3	16.26	CA
w/auto trans & (P185&P195)/75R14	0-3250	12.30	7.5	16.33	8.3	15.40	CA
w/man. trans & (P185&P195)/75R14	3375-3500	12.03	7.5	17.96	8.3	16.90	CA
w/man. trans & (P185&P195)/75R14	0-3250	11.80	7.5	17.02	8.3	16.01	CA
w/auto trans & P195/70R14 ALS	3375-3500	13.04	7.4	16.57	8.2	15.67	CA
w/auto trans & P195/70R14 ALS	0-3250	12.78	7.4	15.72	8.2	14.86	CA
w/man. trans & P195/70R14 ALS	3375-3500	12.54	7.4	17.24	8.2	16.26	CA
w/man. trans & P195/70R14 ALS	0-3250	12.28	7.4	16.36	8.2	15.43	CA
w/auto trans & P195/70R14 AL2	3375-3500	13.11	6.8	16.40	7.5	15.59	CA
w/auto trans & P195/70R14 AL2	0-3250	12.85	6.8	15.63	7.5	14.85	CA
w/man. trans & P195/70R14 AL2	3375-3500	12.61	6.8	17.13	7.5	16.25	CA
w/man. trans & P195/70R14 AL2	0-3250	12.35	6.8	16.27	7.5	15.42	CA
w/auto trans & P195/70R14 AL3	3375-3500	13.98	6.4	15.46	7.0	14.78	CA
w/auto trans & P195/70R14 AL3	0-3250	13.67	6.4	14.70	7.0	14.05	CA
w/man. trans & P195/70R14 AL3	3375-3500	13.48	6.4	16.03	7.0	15.31	CA
w/man. trans & P195/70R14 AL3	0-3250	13.17	6.4	15.26	7.0	14.56	CA
w/auto trans & P215/60R14 AL3	3375-3500	13.98	6.4	15.46	7.0	14.78	CA
w/auto trans & P215/60R14 AL3	0-3250	13.67	6.4	14.70	7.0	14.05	CA
w/man. trans & P215/60R14 AL3	3375-3500	13.48	6.4	16.03	7.0	15.31	CA
w/man. trans & P215/60R14 AL3	0-3250	13.17	6.4	15.26	7.0	14.56	CA
w/auto trans & P195/70R15 AL3	3375-3500	13.99	6.9	15.45	7.5	14.72	CA
w/auto trans & P195/70R15 AL3	0-3250	13.68	6.9	14.69	7.5	14.00	CA
w/man. trans & P195/70R15 AL3	3375-3500	13.49	6.9	16.02	7.5	15.24	CA
w/man. trans & P195/70R15 AL3	0-3250	13.18	6.9	15.25	7.5	14.50	CA

ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Coast Dyno Hp	.with..AC. Coast Dyno Hp	CD. CA or FA
***** A BODY (FWD & AWD) (continued) *****					
CHEVROLET CELEBRITY WAGON (1AW35) without RPO C51 (rear air deflector)					
PONTIAC 6000 WAGON (2A_35) without RPO C51 (rear air deflector)					
OLDSMOBILE CUTLASS CRUISER (3A_35) without RPO C51 (rear air deflector)					
BUICK CENTURY WAGON (4A_35) without RPO C51 (rear air deflector)					
w/auto trans & (P185&P195)/75R14	3375-3500	11.82	6.8 18.29	7.5 17.29	CA
w/auto trans & (P185&P195)/75R14	0-3250	11.59	6.8 17.34	7.5 16.39	CA
w/man. trans & (P185&P195)/75R14	3375-3500	11.32	6.8 19.10	7.5 18.01	CA
w/man. trans & (P185&P195)/75R14	0-3250	11.09	6.8 18.12	7.5 17.08	CA
w/auto trans & P195/70R14 ALS	3375-3500	12.32	6.7 17.54	7.4 16.62	CA
w/auto trans & P195/70R14 ALS	0-3250	12.06	6.7 16.66	7.4 15.78	CA
w/man. trans & P195/70R14 ALS	3375-3500	11.82	6.7 18.28	7.4 17.29	CA
w/man. trans & P195/70R14 ALS	0-3250	11.56	6.7 17.38	7.4 16.42	CA
w/auto trans & P195/70R14 AL2	3375-3500	12.40	6.1 17.43	6.7 16.61	CA
w/auto trans & P195/70R14 AL2	0-3250	12.13	6.1 16.56	6.7 15.77	CA
w/man. trans & P195/70R14 AL2	3375-3500	11.90	6.1 18.17	6.7 17.28	CA
w/man. trans & P195/70R14 AL2	0-3250	11.63	6.1 17.27	6.7 16.41	CA
w/auto trans & P195/70R14 AL3	3375-3500	13.26	5.6 16.29	6.1 15.63	CA
w/auto trans & P195/70R14 AL3	0-3250	12.95	5.6 15.51	6.1 14.87	CA
w/man. trans & P195/70R14 AL3	3375-3500	12.76	5.6 16.93	6.1 16.21	CA
w/man. trans & P195/70R14 AL3	0-3250	12.45	5.6 16.14	6.1 15.45	CA
w/auto trans & P215/60R14 AL3	3375-3500	13.26	5.6 16.29	6.1 15.63	CA
w/auto trans & P215/60R14 AL3	0-3250	12.95	5.6 15.51	6.1 14.87	CA
w/man. trans & P215/60R14 AL3	3375-3500	12.76	5.6 16.93	6.1 16.21	CA
w/man. trans & P215/60R14 AL3	0-3250	12.45	5.6 16.14	6.1 15.45	CA
w/auto trans & P195/70R15 AL3	3375-3500	13.27	6.1 16.28	6.8 15.56	CA
w/auto trans & P195/70R15 AL3	0-3250	12.96	6.1 15.51	6.8 14.81	CA
w/man. trans & P195/70R15 AL3	3375-3500	12.77	6.1 16.92	6.8 16.14	CA
w/man. trans & P195/70R15 AL3	0-3250	12.46	6.1 16.13	6.8 15.38	CA