

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-6-60
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: N3G2.8T5XAS9 Displacement: 2.8 Liters (171 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 certification exhaust emission standards for this engine family are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0-3750	0.80	10	1.2

The certification exhaust emission values for this engine family are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0-3750	0.31	4	0.4

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 Emission Control 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 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 5th day of August, 1991.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

CERTIFICATE INFORMATION

16.03.00.00

ENGINE FAMILY..... N3G2.8T5XAS9

EVAPORATIVE FAMILY..... NBO-3C

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
S10 P/U 2WD	55082
SONOMA P/U 2WD	80072

ISSUED: 07-26-91
(ML-NP324)

16-N3G2.8T5XAS9-2

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

<u>Pattern A</u>	<u>Pattern B</u>
C = Chevrolet	1 = Chevrolet
T = GMC	2 = Pontiac
H = Oldsmobile	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

<u>Pattern A</u>	<u>Pattern B</u>
1 = 10,15,1500/3500-7300	Letter code designates trim level rather than series/GVWR.
2 = 20,25,2500/6400-8600	
3 = 30,35,3500/7100-14500	

Digits 4 & 5

<u>Pattern A = Dimensional Grouping</u>	<u>Pattern B</u>
05 = Blazer, Jimmy, Bravada	05 = Cargo (APV)
06 = S/T Short Box	06 = Passenger (Lumina APV, Trans Sport, Silhouette)
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	

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: 07-26-91
(ML-NP324)

REVISED:

(FOR CARB USE ONLY)

E.O. #P-6-60

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N3G2.8T5XAS9
PASSENGER CARS___ LIGHT DUTY TRUCKS X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS
ENGINE CONFIG: V6 LITER (CID): 2.8 (171) EVAP FAMILY: NBO-3C
EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR/TWC/O2S/AIR/ TBI
ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___
CERTIFICATION STANDARDS: .80 HC, 1.2 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.	TLC
2	S10603+E63 S10803+E63 S10653+E63	M5	3250 3375	16140981/ASSB	17086720	25104271 MS 9498	PMF
4	S10603+E63 S10803+E63 S10653+E63		3250 3375	16140991/ASSC			

ISSUED: 07-26-91
(ML-NP324)

REVISED:

17-N3G2.8T5XAS9-2
(1992)

ATTACHMENT I

LAST UPDATED : 01/15/91

DYNAMOMETER HORSEPOWERS AND TIMES

1992 MODEL YEAR LIGHT DUTY TRUCKS

Body Style	Test Weight Classes	50mph Road Load	w/o AC Factor... Dyno Hp	with AC Factor... Dyno Hp	Coast Time	AC Factor	Upper Limit	Down Time	Upper Limit	Drive Axle	Highest Volume Tire	TPC Disc	Tire
man. tran & GEN P205/75R14 ALS	0-3375	14.27	11.0	14.58	15.60	12.1	13.53	14.47	13.94	P205/75R14	ALS STEEL	GEN	1025MS
LOWER TWC	3250	11.0	14.04	15.02	12.1	13.03	13.94						024
LOWER TWC	3125	11.0	13.50	14.44	12.1	12.53	13.40						024
auto tran & BFG P215/65R15 AL3	3625 Only	15.58	10.2	14.32	15.32	11.2	13.44	14.38	13.96	P215/65R15	AL3 STEEL	BFG 1093MS	024
auto tran & BFG P215/65R15 AL3	3500 Only	15.49	10.2	13.91	14.88	11.2	13.05	13.96	13.96	P215/65R15	AL3 STEEL	BFG 1093MS	024
auto tran & BFG P215/65R15 AL3	0-3375	15.36	10.2	13.53	14.47	11.2	12.69	13.57	13.07	P215/65R15	AL3 STEEL	BFG 1093MS	024
LOWER TWC	3250	10.2	13.03	13.94	11.2	12.22	13.07						024
LOWER TWC	3125	10.2	12.53	13.40	11.2	11.75	12.57						024
man. tran & BFG P215/65R15 AL3	3625 Only	15.07	10.2	14.81	15.84	11.2	13.67	14.84	14.38	P215/65R15	AL3 STEEL	BFG 1093MS	024
man. tran & BFG P215/65R15 AL3	3500 Only	15.02	10.2	14.35	15.35	11.2	13.44	14.38	14.00	P215/65R15	AL3 STEEL	BFG 1093MS	024
man. tran & BFG P215/65R15 AL3	0-3375	14.87	10.2	13.89	14.96	11.2	13.09	14.00	13.48	P215/65R15	AL3 STEEL	BFG 1093MS	024
LOWER TWC	3250	10.2	13.47	14.41	11.2	12.61	13.48						024
LOWER TWC	3125	10.2	12.95	13.86	11.2	12.12	12.96						024

***** S TRUCK (2WD)(continued) *****

CHEVROLET S10 PICKUP (CS10603+E63, CS10653+E63, CS10803+E63)
 GMC SONOMA PICKUP (TS10603+E63, TS10653+E63, TS10803+E63)

Carline Codes: S5082
 80072

CHEVROLET S10 CAB CHASSIS (CS10803+ZM9)
 GMC SONOMA CAB CHASSIS (TS10803+ZM9)

Carline Codes: S5082
 80072

w/2.5L I4 engine
 w/4.3L V6 engine

A11 16.0 17.0
 A11 22.5 23.5

Any Tire
 Any Tire

003J
 003J

***** S TRUCK (AWD & 4WD) *****

OLDSMOBILE BRAVADA - 4 DOOR (HT10506)

Carline Codes: 92520

auto tran & UNI P235/75R15 ALS
 LOWER TWC
 auto tran & UNI P235/75R15 OOR
 LOWER TWC

0-4250 17.43 11.7 15.09 16.14 12.8 14.15 15.14
 4000 11.7 14.20 15.19 12.8 13.32 14.24
 0-4250 18.55 11.5 14.11 15.09 12.6 13.29 14.22
 4000 11.5 13.28 14.20 12.6 12.51 13.38

ALS STEEL UNI 1037MS 025
 OOR STEEL UNI 2306 025