

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-558
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: N3G3.8X8JA29 Displacement: 3.8 Liters (231 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Oxygen Sensor
Sequential Multipoint 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 in grams per mile are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.32	4.4	1.0
	100,000	0.40	5.5	n/a

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

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.19	2.6	0.5
	100,000	0.25	3.6	n/a

BE IT FURTHER RESOLVED: That at the request of the vehicle manufacturer, the listed vehicles are certified to the standards and requirements applicable to 1993 and subsequent models and, therefore, must comply with all standards and requirements associated with these models.

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.

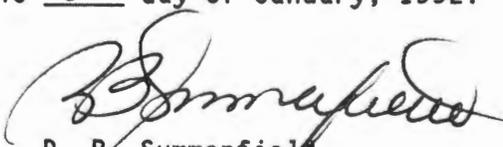
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 8th day of January, 1992.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... N3G3.8X8JA29

EVAPORATIVE FAMILY..... NBO-3G

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
APV 2WD	55095
TRANS SPORT 2WD	89210
SILHOUETTE 2WD	92510

ISSUED:

16-N3G3.8X8JA29-2

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: 09-12-91
(ML-NP335)

REVISED:

17-N3G3.1X5XA48-1
(1992)

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N3G3.8X8JA29
 PASSENGER CARS___ LIGHT DUTY TRUCKS X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS
 ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: NBO-3G
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: TWC, O2S, SMPI
 ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___
 DPA & RLHP: SEE ATTACHMENT I

CERTIFICATION STANDARDS: NMHC CO NOx EVAP
 .32 4.4 1.0 2.0 (50K) (3751-5750 LVW)
 .40 5.5 NA NA (100K) (3751-5750 LVW)

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	1UM06 2UM06 3UM06	A4	4250	16170414/AZNX	NA	25143015

ISSUED: 11-20-91
(ML-NP363)

REVISED:

17-N3G3.8X8JA29-2
(1992)

DYNAMOMETER HORSEPOWERS AND TIMES

1992 MODEL YEAR LIGHT DUTY TRUCKS

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

***** U VAN (FWD)(continued) *****

CHEVROLET LUMINA APV (1UM06)
 PONTIAC TRANS SPORT (2UM06)
 OLDSMOBILE SILHOUETTE (3UM06)

Carlisle Codes: 55095
 89210
 92510

A4 tran & GEN P205/70R15 ALS	0-4000	14.29	8.9	17.19	18.39	9.8	16.19	17.32	P205/70R15	ALS STEEL	GEN 1072MS	021A NEW
LOWER TWC	3875		8.9	16.65	17.81	9.8	15.68	16.78				
LOWER TWC	3750		8.9	16.12	17.24	9.8	15.18	16.24				
A4 tran & GEN P205/70R15 AL2	4250.Only	15.40	8.1	16.94	18.12	8.9	16.09	17.21	P205/70R15	AL2 STEEL	GEN 1098MS	021A NEW
A4 tran & GEN P205/70R15 AL2	0-4000	15.12	8.1	16.25	17.38	8.9	15.43	16.51	P205/70R15	AL2 STEEL	GEN 1098MS	021A NEW
LOWER TWC	3875		8.1	15.74	16.84	8.9	14.95	15.99				
LOWER TWC	3750		8.1	15.23	16.30	8.9	14.47	15.47				

OFFICIAL TIRES LIST MAY BE OBTAINED FROM DTSS PROGRAM *PRG 13200:T.VOL.
 CONTACT R. LEONARD (8-341-6428) FOR HORSEPOWER/COASTDOWN TIME INFORMATION.
 NOTICE: UP-TO-DATE COPY LOCATED IN ROOM 130 BLDG 31-E.