

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-542
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: N3G3.8T8JAW4 Displacement: 3.8 Liters (231 Cu. In.)

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 following are the emission standards for this engine family:

<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>
3751-5750	0.50	9.0	1.0

The following are the certification emission values for this engine family:

<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>
3751-5750	0.14	1.2	0.4

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 11th day of June, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... N3G3.8T8JAW4

EVAPORATIVE FAMILY..... NBO-3B

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
APV 2WD	55095

ISSUED: 05-13-91
(ML-NP289)

16-N3G3.8T8JAW4-2

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: 05-13-91
(ML-NP289)

REVISED:

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: N3G3.8T8JAW4

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: NBO-3B

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: TWC, O2S, 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.
1	1UM06 2UM06 3UM06	A4	4250	DK110919/----	NA	25143015
1A				16154194/AUZT		
1B				16170414/AZNX		

ISSUED: 05-13-91
(ML-NP289)

REVISED: ML-NR037, NR050

17-N3G3.8T8JAW4-2
(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.....				
		Road Load Hp	Coast Dyno Time	Coast Upper Limit	Coast Dyno Hp	Coast Down Time	Coast Upper Limit	(NOT OFFICIAL).....Tire				
							Drive Axle Tire Size	Belt Fabric	TPC Mfg No.	Disc Code	Lttr No	Flag

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

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

Carline 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.

ATTACHMENT I