

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER P-6-57  
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 federally certified exhaust emission control systems are certified for sale in California as described below for gasoline-powered light-duty trucks:

Engine Family: N3G7.4T5GCT8 Displacement: 7.4 Liters (454 Cu. In.)

Exhaust Emission Control Systems and Special Features:

- Dual Three-Way Catalysts
- 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 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	0.80	10	1.7

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	0.32	5	1.1

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 (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 27<sup>th</sup> day of February, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

CERTIFICATE INFORMATION

16.03.00.00

ENGINE FAMILY..... N3G7.4T5GCT8

EVAPORATIVE FAMILY..... NFO-3D

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
C1500 P/U 2WD	55015

ISSUED: 12-12-90  
(ML-NP098)

16-N3G7.4T5GCT8-2

REVISED: ML-NP160

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: 12-12-90  
(ML-NP098)

REVISED:

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: N3G7.4T5GCT8  
 PASSENGER CARS\_\_\_ LIGHT DUTY TRUCKS\_X MEDIUM DUTY VEHICLES\_\_\_ FUEL TYPE: GAS  
 ENGINE TYPE: V8 LITER (CID): 7.4 (454) EVAP FAMILY: NFO-3D  
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: AIR/EGR/<sub>2TWC</sub>/O2S/TBI  
 ENGINE: FRONT\_X MID\_\_\_ REAR\_\_\_ DRIVE: FWD\_\_\_ RWD\_X 4WD-FT\_\_\_ 4WD-PT\_\_\_  
 CERTIFICATION STANDARDS: .80 HC, 10 CO, 1.7 NOx 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	C10703+E63	A4	5000	16158271/AWWH	17088109	25129880
2	C10703+E63					

ISSUED: 12-12-90 (ML-NP098)

REVISED:

17-N3G7.4T5GCT8-2 (1992)