

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-723  
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year General Motors Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: TGM4.38PGBEK Displacement: 4.3 Liters (262 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation  
Three Way Catalytic Converter  
Dual Heated Oxygen Sensors  
Heated Oxygen Sensors (Two)  
Sequential Multiport 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>Test Weight</u> <u>(lbs.)</u>	<u>Miles</u>	<u>Non-Methane</u> <u>Hydrocarbons</u>	<u>Carbon</u> <u>Monoxide</u>	<u>Nitrogen</u> <u>Oxides</u>	<u>Carbon</u> <u>Monoxide (20°F)</u>
5751-8500	50,000	0.39	5.0	1.1	12.5
	120,000	0.56	7.3	1.53	n/a

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

<u>Test Weight</u> <u>(lbs.)</u>	<u>Miles</u>	<u>Non-Methane</u> <u>Hydrocarbons</u>	<u>Carbon</u> <u>Monoxide</u>	<u>Nitrogen</u> <u>Oxides</u>	<u>Carbon</u> <u>Monoxide (20°F)</u>
5751-8500	50,000	0.15	1.8	0.7	5.2
	120,000	0.20	2.8	1.01	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

1. The first part of the document is a list of names and addresses.

GENERAL INFORMATION

The following information was obtained from the records of the Department of Health and Human Services, Office of the Assistant Secretary for Health Policy and Statistics, on 10/15/80.

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BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

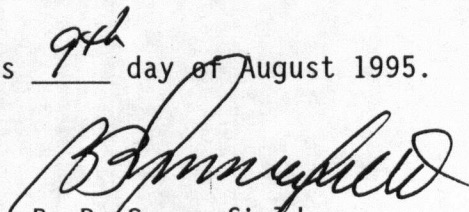
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned 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 9th day of August 1995.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

The following information was obtained from... [mirrored text]

It was determined that... [mirrored text]

It is further noted... [mirrored text]

Reference is made... [mirrored text]

[Handwritten signature]  
Special Agent in Charge  
Security Division

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	Pattern B
C = Chevrolet	1 = Chevrolet
T = GMC	2 = Pontiac
H = Oldsmobile	3 = Oldsmobile
G = Isuzu	

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, S, M	= Conventional 4x2 Rear Wheel Drive
G	= Forward Control 4x2 Rear Wheel Drive
K, T, L	= Conventional 4x4 Four Wheel Drive, All Wheel Drive

Digit 3 = Series/GVWR

Pattern A	Pattern B
1 = 11,15,1500/3500-7300	Letter code designates trim level rather than series/GVWR.
2 = 21,25,2500/6400-8600	
3 = 31,35,3500/7100-14500	

Digits 4 & 5

Pattern A = Dimensional Grouping	Pattern B
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, Suburban,	
10 = M/L Long Body	
14 = G Short Wheelbase	
17 = 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
43 = Crew Cab
53 = Extended Cab

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

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

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

DATE 05-10-2011 BY 60322

1. The first part of the document  
describes the general situation  
of the country at the time  
of the revolution.

2. The second part of the document  
describes the political and  
economic situation of the  
country at the time of the  
revolution.

3. The third part of the document  
describes the social and  
cultural situation of the  
country at the time of the  
revolution.

4. The fourth part of the document  
describes the military and  
security situation of the  
country at the time of the  
revolution.

5. The fifth part of the document  
describes the international  
situation of the country at  
the time of the revolution.

6. The sixth part of the document  
describes the role of the  
revolution in the development  
of the country.

7. The seventh part of the document  
describes the achievements  
of the revolution in the  
field of politics, economy,  
social and cultural life.

8. The eighth part of the document  
describes the challenges  
facing the country at the  
time of the revolution.

9. The ninth part of the document  
describes the future  
prospects of the country.

## 1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

FR: GENERAL MOTORS CORP. ENGINE FAMILY: TGM4.38PGBEK EVAP. FAMILY: TGM1098AYMBB  
 ALL ENGINE CODES IN ENGINE FAMILY: CA X 49S X 50S     AB965      
 EXH STD: CA Tier-1 X TLEV     LEV     ULEV     ZEV    ; U.S. EPA Tier-0 X  
 EVAP STD: 50K X USEFUL LIFE WITH R/L    ; IN-USE EXH STD: FULL     ALTERNATIVE      
 VEH CLASS(ES): PC     LDT1     LDT2     MDV1     MDV2     MDV3 X MDV4     MDV5      
 SINGLE CERT STD FOR MULTI-CLASS ENGINE FAMILY: NA  
 FUEL TYPE(S): DEDICATED X GASOLINE X; EMISS TEST FUEL(S): INDO     PHASE 2 X  
 SERVICE ACCUM: STD AMA     MFR ADP    ; NMOG TEST PROC: NA EQUIV      
 R/L TEST PROC: NA PT SOURCE    ; HYBRID TYPE: NA APU CYCLE: NA  
 ENGINE CONFIGURATION: I4     V6 X V8     DISPLACEMENT: 4.3 LITERS/ 262 CU. IN.  
 VALVES/CYLINDER: 2 X 4     RATED HP: 195 @ 4400 RPM  
 ENGINE LOCATION: FRONT X DRIVE: FWD     RWD X 4WD-FT     4WD-PT      
 EXHAUST EMISSION CONTROL SYSTEM: LEGR, TWC, 2HO2S-HO2S(2), SFI, OBD II  
 RLHP/DPA VALUES: SECTION 08.13.02.00

ENG CODE (LOC)	VEH MODELS (SEE PAGE 1)	TRANS. (M5, A4 ETC.)	EQUIV. TEST WEIGHT	IGNITION (ECM/PCM) PART NO./CALIB	EGR SYSTEM PART NO.	CATALYTIC CONVERTER PART NO.
51, 51M, 52, 52M	G11405 G11406 G11405 G21705	A4	6000	16200785/ 16187715-ENG 16187776, 16187844-TRANS 16187577PB-OPER	17096188, 17096309	25152823: MS 9571
51A, 51N, 52A, 52N				16200785/ 16227510-ENG 16227596, 16227597-TRANS 16232915PG-OPER		
51B, 51P, 52B, 52P				16232316-ENG 16227596, 16227597-TRANS 16235505PH-OPER		
51C, 51Q, 52C, 52Q				16237015PJ-OPER		

CARLINE NAME	CARLINE CODE
G1500/G2500 CHEVY EXPRESS 2WD	55040
G1500/G2500 CHEVY VAN 2WD	55050
G1500/G2500 SAVANA 2WD PASSENGER	80030
G1500/G2500 SAVANA 2WD CARGO	80040

ISSUED: ML-TP079

REVISED: ML-TR053, ML-TR070

ENGINE TEST RESULTS REPORT

ENGINE NO. 1000  
 MAKE GM  
 MODEL 3500  
 YEAR 1980  
 TEST DATE 10/15/80  
 TEST TIME 10:00 AM  
 TEST LOCATION LAB  
 TESTER J. SMITH  
 APPROVED J. SMITH  
 SIGNATURE

ENGINE NO. 1000  
 MAKE GM  
 MODEL 3500  
 YEAR 1980  
 TEST DATE 10/15/80  
 TEST TIME 10:00 AM  
 TEST LOCATION LAB  
 TESTER J. SMITH  
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 SIGNATURE

TEST NO.	TEST NAME	UNIT	RESULT	REMARKS
1	STARTING	MIN	15.0	
2	WARM UP	MIN	15.0	
3	CRUISE	MIN	15.0	
4	LOAD	MIN	15.0	
5	SHUT DOWN	MIN	15.0	

TEST NO.	TEST NAME	UNIT	RESULT	REMARKS
1	STARTING	MIN	15.0	
2	WARM UP	MIN	15.0	
3	CRUISE	MIN	15.0	
4	LOAD	MIN	15.0	
5	SHUT DOWN	MIN	15.0	

COMMENTS: Engine runs smoothly, no leaks observed.  
 TESTER: J. SMITH  
 DATE: 10/15/80

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 TESTER: J. SMITH  
 DATE: 10/15/80