State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-348
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 1986 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks and medium-duty vehicles:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
GIG4.3T4TAA4	262	(4.3)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4000-5999	0.27	5.4	0.6

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 Administrative Code, 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 1981 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 Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) 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 regulations (Title 13, California Administrative Code, 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 16th day of May, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS
Manufacturer: General Motors Corporation Executive Order Number A-6-348 Page 1
Exhaust Family G1G4.3T4TAA4 Evaporative Families 6D4S-8
Note: Chevrolet models listed; GMC Truck Div. has complete line of matching models, not listed. For GMC models, read T instead of C as digit one of model code.

TRUCK MODEL IDENTIFICATION CODE - See Note

Example: CC10703

Digit 1=Division
C=Chevrolet
T=GMC Truck

Digit 2=Chassis Type
C,S=Conventional 4 x 2
K,T=Conventional 4 x 4 (Four Wheel Drive)
M,G=Forward Control 4 x 2 (Body-Frame Integral)

Digit 3=Series/GVWR Range
1=10 Series/3425 to 7000
2=20 Series/6400 to 8600
3=30 Series/7100 to 14500

Digits 4&5=Cab to Rear Axle Dimension(Inches)
05=30 to 35
06=36 to 41
07=42 to 47
08=48 to 53
09=54 to 59
10=60 to 65
11=66 to 71
13=78 to 83

Digits 6&7=Cab or Body Style
03=Conventional Cab
05=Chevy Van/Vandura
06=Suburban or Sportvan/ Rally
16=Blazer/Jimmy
53=Extended Cab

DATA

Eng Code	CID	A/C	Electronic Fuel Sys Control Module Part #	4V Rochester Part #	EGR Valve Part #	Trans Type
1	262	B	16047971	17085502	17085854	A-4
1A	262	B	16057971	17086057	17085854	A-4
5	262	B	16047971	17085502	17085870	A-4
5A	262	B	16047971	17086057	17085870	A-4
11	262	B	16047961	17085503	17085870	M-3,4(OD)
11A	262	B	16047961	17086058	17085870	M-3,4(OD)
15	262	B	16047961	17085503	17085872	M-3,4, 4(OD)
15A	262	B	16047961	17086058	17085872	M-3,4, 4(OD)

BODY CODES

E62 = Stepside/Fenderside Pickup
E63 = Fleetside/Wideside Pickup
ZW9 = Chassis Cab

ABBREVIATIONS

nv = n Venturi Carburetor
A/C = Air Conditioning
EGR = Exhaust Gas Recirculation
CID = Cubic Inches Displacement
AIP = Air Injection Pump
TWC = Three-way Catalyst
CL = Closed Loop
OD = Over Drive

ISSUED: 05-10-85 REVISIONS: Engine codes 1A, 5A, 11A and 15A added by RC 61-027 on 06-11-85.

0120N

16-G1G4.3T4TAA4-2A
(FOR CARB USE ONLY)

16.03.00.00

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ENGINE FAMILY..... G1G4.3T4TAA4

EVAPORATIVE FAMILY..... 6D4S-B

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
C10 P/U 2WD	55015
K10 P/U 4WD	55030
G10/G20 SPORTVAN 2WD	55040
G10/G20 VAN 2WD	55050
C15 P/U 2WD	80010
K15 P/U 4WD	80020
G15/G25 RALLY 2WD	80030
G15/G25 VANDURA 2WD	80040

ISSUED: 05-09-85

AIR RESOURCES BOARD 1986 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-348 Page 2

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family G1G4.3T4TAA4

Engine (CID) 262 Exhaust Emission Control System AIP, EGR, TWC, CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
CC10703	E62	4000	1,1A	A-4	YJA	11,11A	M-3	YJA	11,11A	M-4(2)	YJA			
CC10703	E63	4000	1,1A	A-4	YJA	11,11A	M-3	YJA	11,11A	M-4(2)	YJA			
CC10903	E63	4250	1,1A	A-4	YJA	11,11A	M-3	YJA	11,11A	M-4(2)	YJA			
CK10703	E62	4250	5,5A	A-4	YJA									
CK10703	E62	4500	15,15A	M-4(1)	YJA									
CK10703	E63	4500	5,5A	A-4	YJA	15,15A	M-4(1)	YJA						
CK10903	E63	4500	5,5A	A-4	YJA	15,15A	M-4(1)	YJA						
CG11005		4250	5,5A	A-4	YJB	15,15A	M-3	YJB	15,15A	M-4(2)	YJB			
CG11305		4500	5,5A	A-4	YJB	15,15A	M-4(2)	YJB						
CG11305		4250	15,15A	M-3	YJB									

(1) Low gear is intended only for heavy loads and is not recommended for normal driving.
(2) 4th gear is an overdrive gear.

Comments: See page one for engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

ISSUED: 05-10-85

REVISED: Engine codes 1B and 5B and models CG21005, CG21305 and CG21306 deleted by RC 61-027 on 06-11-85. Corrected ETW from 4750 to 4500 for CK10903+E63, engine codes 15 and 15A, by letter ML-6P423 on 02-19-86. Updated ETW from 4500 to 4250 for CG11305 (engine codes 15 and 15A), M-3, by RC 61-146 on 02-24-86.

0120N/16N

AIR RESOURCES BOARD 1986 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-348 Page 3

( ) Light Duty Trucks (X) Medium Duty Vehicles Engine Family G1G4.3T4TAA4

Engine (CID) 262 Exhaust Emission Control System AIP, EGR, TWC, CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
CC10703	E62	4000	1,1A	A-4	YJA	11,11A	M-3	YJA	11,11A	M-4(2)	YJA			
CC10703	E63	4000	1,1A	A-4	YJA	11,11A	M-3	YJA	11,11A	M-4(2)	YJA			
CC10903	E63	4250	1,1A	A-4	YJA	11,11A	M-3	YJA	11,11A	M-4(2)	YJA			
CK10703	E62	4250	5,5A	A-4	YJA									
CK10703	E62	4500	15,15A	M-4(1)	YJA									
CK10703	E63	4500	5,5A	A-4	YJA	15,15A	M-4(1)	YJA						
CK10903	E63	4500	5,5A	A-4	YJA	15,15A	M-4(1)	YJA						
CG21005		4250	5,5A	A-4	YJB	15,15A	M-3	YJB	15,15A	M-4(2)	YJB			
CG21305		4500	5,5A	A-4	YJB	15,15A	M-3	YJB	15,15A	M-4(2)	YJB			
CG21306		4750	5,5A	A-4	YJB	15,15A	M-3	YJB						

(1) Low gear is intended only for heavy loads and is not recommended for normal driving.
(2) 4th gear is an overdrive gear.

Comments: See page one for engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

ISSUED: 05-10-85

REVISED: Engine codes 1B and 5B and models CG11005 and CG11305 deleted by RC 61-027 on 06-11-85. Corrected ETW from 4750 to 4500 for CK10903+E63, engine codes 15 and 15A, by letter ML-6P423 on 02-19-86.