

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-350
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 emission control systems are certified for sale as described below for gasoline-powered light-duty trucks and medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
G1G5.7T4TYA6	305/350 (5.0/5.7)	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:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
4000-5999	0.50	9.0	1.0
6000-8500	0.60	9.0	1.5

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000-5999	0.42	3.7	0.3
6000-8500	0.26	4.0	0.8

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".

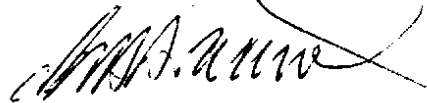
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

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 6th day of June, 1985.



K. D. Drachand, Chief
Mobile Source Division

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/GVMR 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 Control Module Part #	Fuel Sys		EGR System Valve Part #	Trans Type
				Type:	Carb Mfgr:		
1	305	W0	16036711	17085524	17085765	A-4	
2	305	W	16036711	17085526	17085765	A-4	
3	305	W0	16048771	17085524	17085764	A-4	
4	305	W	16048771	17085526	17085764	A-4	
5	350	W0	16036741	17085506	17085766	A-4	
6	350	W	16036741	17085508	17085766	A-4	
7	350	W0	16036751	17085506	17085768	A-4	
8	350	W	16036751	17085508	17085768	A-4	
9	350	W0	16036751	17085506	17085769	A-4	
10	350	W	16036751	17085508	17085769	A-4	

BODY CODES

E62 = Stepside/Fenderside Pickup

E63 = Fleetside/Wideside Pickup

ZM9 = 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

ISSUED: 05-15-85

REVISIONS:

ATR RESOURCES BOARD 1986 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS
 Manufacturer General Motors Corporation Executive Order No. A-6-350 Page 2
 (X) Light Duty Trucks () Medium Duty Vehicles Engine Family GIG5.714TYA6
 Engine (CID) 305 Exhaust Emission Control System AIP, EGR, TWC, CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up		Eng. Code	Trans.	Tune-Up		Eng. Code	Trans.	Tune-Up Label
					Label	Code			Label	Code			
C10703	E62	4250	1	A-4	YFL								
C10703	E63	4500	1	A-4	YFL	2	A-4	YFL					
C10703	E62	4500	2	A-4	YFL								
C10903	E63	4500	1	A-4	YFL	2	A-4	YFL					
G11005		4250	3	A-4	YFM								
G11005		4500	4	A-4	YFM								
G11305		4500	3	A-4	YFM								
G11305		4750	4	A-4	YFM								
G21005		4500	3	A-4	YFM	4	A-4	YFM					
G21305		4750	3	A-4	YFM	4	A-4	YFM					

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: 05-15-85 REVISED:

0122N

See Page 1 for:

Model Code	Body Code	Equip. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
C10703	E62	4250	1	A-4	YFL						
C10703	E63	4500	1	A-4	YFL	2	A-4	YFL			
C10703	E62	4500	2	A-4	YFL						
C10903	E63	4500	1	A-4	YFL	2	A-4	YFL			
G11005		4250	3	A-4	YFM						
G11005		4500	4	A-4	YFM						
G11305		4500	3	A-4	YFM						
G11305		4500	4	A-4	YFM						
C10906		5250	5	A-4	YFN	6	A-4	YFN			
C20903	E62	4750	5	A-4	YFN						
C20903	E63	5000	5	A-4	YFN	6	A-4	YFN			
K10906		5500	5	A-4	YFN						
K10906		5500	6	A-4	YFN						
K10703	E62	4750	5	A-4	YFN	6	A-4	YFN			
K10703	E63	4750	5	A-4	YFN						
K10703	E63	4750	6	A-4	YFN						
K10903	E63	5000	5	A-4	YFN	6	A-4	YFN			
K10516		5250	5	A-4	YFN	6	A-4	YFN			
G21005		4500	3	A-4	YFM	4	A-4	YFM			
G21305		4750	3	A-4	YFM	4	A-4	YFM			
G21306		5000	7	A-4	YFP						
G21306		5250	8	A-4	YFP						
G31306		5500	9	A-4	YFP	10	A-4	YFP			
C20903	E62	5000	6	A-4	YFN						

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: 05-15-85

REVISED: Corrected ETW from 4750 to 4500 for G11305, engine code 4, by letter ML-6P423 on 02-19-86. Updated ETW from 5000 to 4750 for C20903+E62 (engine code 5) and K10703+E63 (engine code 6) and from 6000 to 5500 for K10906 (engine code 6) by RC 61-146 on 02-24-86.

0122N/16N