

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-201
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 General Motors Corporation exhaust emission control systems are certified as described below 1981 model-year gasoline-powered light duty truck and medium duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
18L4HHNA	305,350 (5.0,5.7)	Air Injection Pump Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<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>
18L4HHNA	4000- 5999	0.38	4.5	1.4

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 Administrative Code, Section 2290) for the aforementioned model year.

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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 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That General Motors Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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.

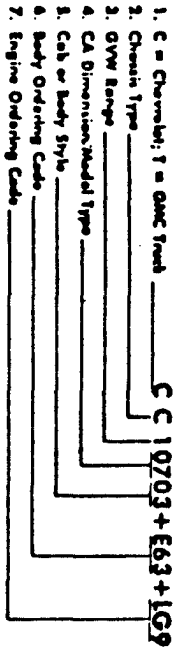
Executed at El Monte, California this 29th day of August, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-201 Pg. 1
 Engine (CID) 305,350 Exhaust Engine Family 18L4HNA Evaporative Engine Families 1D4D-8/1D4S-8

TRUCK MODEL IDENTIFICATION - Note 1.



- Chemical Type**
- 1 - Conventional 4 & 2
 - 2 - Forward Control 4 & 2 (Body Frame Inlay/roll)
 - 3 - Conventional 4 & 4 (Four Wheel Drive)
 - 4 - Forward Control 4 & 2 (Conventional)
- CA Dimension/Model Type**
- 05 - Blazer, Jimmy, Snp.Van, Value Van
 - 07 - 47/Pickup, Chassis-Cab
 - 08 - C or Major Name Chassis, Snp.Van, Value Van
 - 09 - 54/StepVan, Chassis-Cab, Pickup
 - 10 - 40/7/C Chassis, Chery Van, Venduro, Spennan, Billy Wagon, Chassis-Cab, Snp.Van, Value Van
 - 11 - Major Name Chassis
 - 12 - Chery Van, Venduro, Spennan, Billy Wagon, Chery Van, Ni-Cab Van
 - 13 - 44/7/C or Major Name Chassis, Chassis-Cab, Snp.Van, Value Van
 - 14 - 40/7/C Chassis, Chery Van, Ni-Cab Van
 - 15 - Chery Van, Venduro, Spennan, Billy Wagon, Chassis-Cab, Snp.Van, Value Van
 - 16 - Chery Van, Ni-Cab Van
 - 17 - Major Name Chassis
 - 18 - Major Name Chassis
- Body Code**
- 276 - Base Body
 - 278 - Blazer, Jimmy w/Blitz Top
 - 279 - Blazer, Jimmy w/Blitz Top
 - 284 - 47/ Curvey Van
 - 281 - Ni-Cab Van (17' Steel)
 - 282 - Ni-Cab Van (17' Steel)
 - 283 - Snp.Van, Value Van (Steel)
 - 284 - Snp.Van, Value Van (Aluminum)
 - 285 - Ni-Cab Van (17' Steel)
 - 286 - Ni-Cab Van (17' Steel)
 - 287 - Ni-Cab Van (17' Steel)
 - 288 - Ni-Cab Van (17' Steel)
 - 289 - Ni-Cab Van (17' Steel)
 - 290 - Ni-Cab Van (17' Steel)
 - 291 - Ni-Cab Van (17' Steel)
 - 292 - Ni-Cab Van (17' Steel)
 - 293 - Ni-Cab Van (17' Steel)
 - 294 - Ni-Cab Van (17' Steel)
 - 295 - Ni-Cab Van (17' Steel)
 - 296 - Ni-Cab Van (17' Steel)
 - 297 - Ni-Cab Van (17' Steel)
 - 298 - Ni-Cab Van (17' Steel)
 - 299 - Ni-Cab Van (17' Steel)
 - 300 - Ni-Cab Van (17' Steel)
- Engine Code**
- U4 - 350 S1
 - U5 - 350 S1
 - U6 - 350 S1
 - U7 - 350 S1
 - U8 - 350 S1
 - U9 - 350 S1
 - U0 - 350 S1
 - U1 - 350 S1
 - U2 - 350 S1
 - U3 - 350 S1
 - U4 - 350 S1
 - U5 - 350 S1
 - U6 - 350 S1
 - U7 - 350 S1
 - U8 - 350 S1
 - U9 - 350 S1
 - U0 - 350 S1
 - U1 - 350 S1
 - U2 - 350 S1
 - U3 - 350 S1
 - U4 - 350 S1
 - U5 - 350 S1
 - U6 - 350 S1
 - U7 - 350 S1
 - U8 - 350 S1
 - U9 - 350 S1
 - U0 - 350 S1
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 - U2 - 350 S1
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 - U4 - 350 S1
 - U5 - 350 S1
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 - U8 - 350 S1
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 - U2 - 350 S1
 - U3 - 350 S1
 - U4 - 350 S1
 - U5 - 350 S1
 - U6 - 350 S1
 - U7 - 350 S1
 - U8 - 350 S1
 - U9 - 350 S1
 - U0 - 350 S1

Eng. Code	CID	Air. Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3, & M-4, A=A-3
2	305	Yes	1103432	17081526	17060987	A
3	305	No	1103432	17081524	17063337	A
4	305	Yes	1103432	17081526	17063337	A
5	350	No	1103433	17081506	17063366	A
6	350	Yes	1103433	17081508	17063366	A
7	350	No	1103433	17081506	17063366	A

Note 1, Chevrolet models are listed. GMC Truck Div. has a complete line of matching models, not listed. For GMC models, read T instead of C as the first letter of the model code.

ABBREVIATIONS:

- CA - Centrifugal Advance
- EI - Electronic Ignition
- VA - Vacuum Advance
- nV - n Venturi Carburetor
- AIP - Air Injection - Pump
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- AIV - Air Injection - Valve

Fuel System
 Exh. Emiss.
 Contr. Syst.

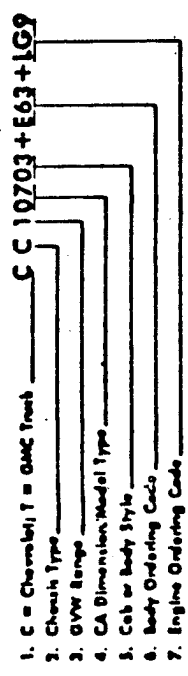
F44 - HVY Dty GVH
 AS3 - Rear Seat

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-201 Pg. 2

Engine (CID) 305,350 Exhaust Engine Family 18L4HHNA Evaporative Engine Families 1D4D-8/1D4S-8

TRUCK MODEL IDENTIFICATION - Note 1.



1. C = Chevrolet, T = GMC Truck
2. C 10703+E63+1G9
3. CA Dimension/Model Type
4. Body Ordering Code
5. Body Style
6. Body Ordering Code
7. Engine Ordering Code

- ① Chassis Type**
- C—Conventional 4 x 2
 - B—Forward Control 4 x 2
 - E—Conventional 4 x 4
 - P—Forward Control 4 x 2 (Conventional)

- ② CA Dimension/Model Type**
- 05—Blazer, Jimmy, Step Van, Value Van
 - 07—27/Pass. Chassis-Cab Wagon, Crew Cab Van, Mi-Cab Van
 - 08—34/2-Suburban, Chassis-Cab, Step Van, Value Van
 - 09—40/7C Chassis, Chery Van, Vendura, Spartan, Chassis-Cab, Step Van, Value Van
 - 10—40/7C Chassis, Chery Van, Vendura, Spartan, Chassis-Cab, Step Van, Value Van
 - 11—Motor Home Chassis
 - 12—Chery Van, Vendura, Spartan, Rally Wagon, Crew Cab Van, Mi-Cab Van
 - 14—44/7C or Motor Home Chassis, Chassis-Cab, Step Van, Value Van
 - 16—Crew Cab Van, Mi-Cab Van
 - 18—Motor Home Chassis

- ③ Series/GW Range**
- 1—4100 to 7300
 - 2—4400 to 8400
 - 3—4400 to 14,500

- ④ Cab or Body Style**
- 01—Conventional Cab (C.E. models)
 - 02—Crew Cab, Mi-Cab Van (C. models)
 - 03—Chery Van, Vendura
 - 04—Suburban/Spartan, Rally Wagon with Panel Rear Door
 - 10—Blazer, Jimmy
 - 11—Motor Home Chassis
 - 41—Forward Control Chassis, Step Van, Value Van
 - 43—Blazer Cab, Crew Cab

- ⑤ Body Code**
- ZW—Blazer Body
 - ZS—Blazer, Jimmy w/White Top
 - ZR—Blazer, Jimmy w/Black Top
 - Z6—27/ Crew Cab Van
 - E31—Mi-Cab Van (17' Steel 94" Wide)
 - E32—Step Van, Value Van (Steel)
 - E33—Step Van, Value Van (Aluminum)
 - E34—Mi-Cab Van (17' Steel 94" Wide)
 - E35—Mi-Cab Van (94" Wide 17' Aluminum)
 - E36—Mi-Cab Van (17' Steel 94" Wide)
 - E37—Mi-Cab Van (94" Wide 17' Aluminum)
 - E38—Suburban (End Gate) Pick-Up
 - E43—Blazer (Wide Side) Pick-Up
 - E44—Blazer, Spartan, Rally ST

- ⑥ Engine Code**
- LD4—250 In
 - L33—277 In
 - L39—303.3 In
 - L34—350.4 In
 - L34—400.4 In
 - L38—434.4 In
 - L38—330.0 In

Eng. Code	CID	Air. Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System Rochester Carb. Part No.	EGR System Valve Part No.	Trans. M=M-3, & M-4, A=A-3
8	350	Yes	1103433	17081508	17063366	A
9	350	No	1103339	17081506	17063328	A
10	350	Yes	1103339	17081508	17063328	A
11	350	No	1103433	17081506	17064035	A
12	350	Yes	1103433	17081508	17064035	A
13	305	No	1103432	17081524	17063994	A
14	305	Yes	1103432	17081526	17063994	A

EC 14 added by RC 11-127, on 101380. CID column added 041081.

F44 - Hwy Dty GVW
AS3 - Rear Seat

AIR RESOURCES BOARD 1981 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-201 Pg. 3

Light Duty Trucks Medium Duty Vehicles Engine Family 18L4HHNA

Engine (CID) 305,350 Exhaust Emission Control System AIP/ EGR/OC

See Page 1 for:		Test Weight Class	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	
Model Code	Body Code														
CC10703	+E62 +E63	4250 4250	2 2	A A	ACC 13	13 13	A A	ACC 13	14 14	A A	ACC				
CC10903	+E62 +E63	4250 4500 4500	2 2 2	A A A	→ 13	13 13	A A	→ 14	14 14	A A	→				
CC10516		4750	2	A	→	13	A	→	14	A	→				
CG11005		4250 4500	3 4	A A	ACD →										
CG11305		4500 4750	3 4	A A	→ →										
CG11006		4500 4750	11 12	A A	ACA →										
CG11306		5000	11	A	→	12	A	ACA							

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

Date of Issue: 082980. Revisions: EC 14 added (5 places) by RC 11-127 on 101380. CC10903 + E62 + EC13 was 4500 before RC 11-226; CC10516 + EC13 was 4500, CG11306 + EC12 was 5250 before Letter ML-1P1338, added 041081.

AIR RESOURCES BOARD 1981 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-201 Pg. 4

Light Duty Trucks Medium Duty Vehicles Engine Family 18L4HHNA

Engine (CID) 305,350 Exhaust Emission Control System AIP/ EGR/OC

See Page 1 for:

Model Code	Body Code	Test Weight Class	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.
CC10703	+E62 +E63	4250 4250	2 2	A A	AWF ↓	13 13	A A	AWF ↓	14 14	A A	ACC ↓			
CC10903	+E62 +E63	4500 4500	2 2	A A	↓	13 13	A A	↓	14 14	A A				
CC10906		5250	5	A	AAZ	6	A	AAZ						
CC20903	+E62 +E63	4750 4750	7 7	A A	AAD	8 8	A A	AAD						
CK10516		5000 5250	7	A		8	A							
CK10703	+E62 +E63	4750 4750	7 7	A A	↓	8 8	A A	↓						

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP 1st for correct dyno test HP settings based on model, equipment and frontal area.

Date of Issue: 082980. Revisions: EC 14 added (4 places) by RC 11-127 on 101380. CC10906 was 5000, CK10516 + EC8 was 5000, CK10703 + E62 + EC7 was 4500 before letter ML-1P1338, added 041081.

AIR RESOURCES BOARD 1981 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-201

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Light Duty Trucks Medium Duty Vehicles

Engine Family 18L4HHNA

Engine (CID) 305,350

Exhaust Emission Control System AIP/ EGR/OC

Model Code	Body Code	Test Weight Class	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.
CK10903	+E62 +E63	4750 4750 5000 5000	7 7 8 5	A A A A	AAD AAD AAD AAZ	8	A	AAD								
CK10906		5000 5000 5250 4500	9 9 10 3	A A A A	↓ ↓ ↓ ACF	10	A	AAZ								
CK20903	+E62 +E63	5000 5000 5250 4500	9 9 10 3	A A A A	↓ ↓ ↓ ACF	10	A	AAZ								
CG21005		4500 4750 4750	3 4 3	A A A	ACF ACF ACF	4	A	ACF								
CG21305		4500 4750	3 4	A A	ACF ACF											
CG21606		4750 5000 5250	11 11 12	A A A	ACB ↓ ↓	12	A	ACB								
CG21306																

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP 1st for correct dyno test HP settings based on model, equipment and frontal area.

Date of Issue: 082980. Rev1stions: CK10903 + E63 + EC7 was 5000, CG21006 + EC12 was 5000 before RC 11-226; CK20903 + E63 + EC9 was 5250, CG21305 + EC3 was 4750, CG21306 + EC11 was 5250 before letter ML-1P1338, added 041081.