State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-347
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:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
G1G2.8T5TRY1	173	(2.8)	Air Injection Pump Exhaust Gas Recirculation Three-Way Cayalyst Closed Loop ~~(Electronic Fuel Injection)~~ (Central 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:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	9.0	1.0
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
0-3999	0.25	5.7	0.59
4000-5999	0.26	8.1	0.32

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class 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 5th day of June, 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-6-347 Page 1

Exhaust Family G1G2.8YT5TRY1 Evaporative Family 6B0-8

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	Injection Pump Mfgr. Part #	Injector Nozzles Mfgr. Part #	EGR System Valve Part #	Trans Type
1	173	WO	16048761	17086086, 17086088	17086720	M-4
2	173	WO	16048761	17086086, 17086088	17086720	M-4
3	173	WO	16050221	17086086, 17086088	17086720	M-5
4	173	W	16050221	17086086, 17086088	17086720	M-5
5	173	WO	16050221	17086086, 17086088	17086720	M-5
6	173	W	16050221	17086086, 17086088	17086720	M-5

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
EFI = Electronic Fuel Injection

ISSUED: 05-22-85 REVISIONS:

0127N

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

Manufacturer: General Motors Corporation Executive Order Number A-6-347 Page 2

Exhaust Family G1G2.8YT5TRY1 Evaporative Family 6B0-8

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.

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1=10 Series/3425 to 7000
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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	Injection Pump Mfgr. Part #	Injector Nozzles Mfgr. Part #	EGR System Valve Part #	Trans Type
7	173	WO	16048761	17086086, 17086088	17086720	A-4
8	173	W	16048761	17086086, 17086088	17086720	A-4
9	173	WO	16050231	17086086, 17086088	17086720	A-4
10	173	W	16050231	17086086, 17086088	17086720	A-4

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E63 = Fleetside/Wideside Pickup
ZW9 = Chassis Cab

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ISSUED: 05-22-85 REVISIONS:

0127N

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS
Manufacturer: General Motors Corporation Executive Order Number A-6-347 Page 2A
Exhaust Family G1G2.8YT5TRY1 Evaporative Family 6B0-8
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

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1=10 Series/3425 to 7000
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Digits 4&5=Cab to Rear Axle Dimension(Inches)
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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	Injection Pump Mfgr. Part #	Injector Nozzles Mfgr. Part #	EGR System Valve Part #	Trans Type
7A, 7B	173	WO	16058031	17086086, 17086088	17086720	A-4
8A, 8B	173	W	16058031	17086086, 17086088	17086720	A-4
9A, 9B	173	WO	16058111	17086086, 17086088	17086720	A-4
10A, 10B	173	W	16058111	17086086, 17086088	17086720	A-4

BODY CODES

E62 = Stepside/Fenderside Pickup
E63 = Fleetside/Wideside Pickup
7W0 = Chassis Cab

ABBREVIATIONS

nv = n Venturi Carburetor
A/C = Air Conditioning
EGR = Exhaust Gas Recirculation
CID = Cubic Inches Displacement
AIP = Air Injection Pump
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CL = Closed Loop
EFI = Electronic Fuel Injection

ISSUED: RC 61-008

REVISED: Added additional page 2A with engine codes 7A through 10A by RC 61-008 on 06-28-85. Added additional engine codes 7B through 10B by RC 61-065 on 08-15-85.

0127N/16N

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

Manufacturer General Motors Corporation Executive Order No. A-6-347 Page 3

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family G1G2.8T5TRY1

Engine (CID) 173 Exhaust Emission Control System AIP/EGR/TWC/CL/EFI

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
S10603	E63	3125	1	M-4	YHA	3	M-5	YHA						
S10803	E63	3125	3	M-5	YHA									
S10803	E63	3250	1	M-4	YHA	2	M-4	YHA	4	M-5	YHA	7	A-4	YHA
S10603	E63		2	M-4	YHA	4	M-5	YHA	7	A-4	YHA	8	A-4	YHA
S10653	E63	3375	1	M-4	YHA	3	M-5	YHA	2	M-4	YHA	4	M-5	YHA
S10803	E63		8	A-4	YHA									
S10516		3500	1	M-4	YHA	3	M-5	YHA	5	M-5	YHA			
S10653	E63		5	M-5	YHA	7	A-4	YHA	8	A-4	YHA			
T10603	E63		1	M-4	YHA	3	M-5	YHA						
T10803	E63	3625	1	M-4	YHA	2	M-4	YHA	3	M-5	YHA	4	M-5	YHA
			5	M-5	YHA	6	M-5	YHA	7	A-4	YHA			

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: 05-22-85

REVISED: Corrected ETW from 3250 to 3125 for S10603+E63 and S10803+E63, engine code 3, corrected ETW from 3500 to 3375 for S10653+E63, engine codes 2 and 4, by letter ML-6P423 on 02-19-86.

0127N/16N

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

Manufacturer General Motors Corporation Executive Order No. A-6-347 Page 3A

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family G1G2.8T5TRY1

Engine (CID) 173 Exhaust Emission Control System AIP/EGR/TWC/CL/EFI

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
S10603	E63	3125	1A	M-4	YHA	3A	M-4	YHA						
S10803	E63	3125	3A	M-5	YHA									
S10803	E63	3250	1A	M-4	YHA	2A	M-4	YHA	4A	M-5	YHA	7A	A-4	YHA
			7B	A-4	YHA									
S10603	E63		2A	M-4	YHA	4A	M-5	YHA	7A	A-4	YHA	8A	A-4	YHA
			7B	A-4	YHA	8B	A-4	YHA						
S10653	E63	3375	1A	M-4	YHA	3A	M-5	YHA	2A	M-4	YHA	4A	M-5	YHA
S10803	E63		8A	A-4	YHA	8B	A-4	YHA						
S10516		3500	1A	M-4	YHA	3A	M-5	YHA	5A	M-5	YHA			
S10653	E63		5A	M-5	YHA	7A	A-4	YHA	8A	A-4	YHA	7B	A-4	YHA
			8B	A-4	YHA									
T10603	E63		1A	M-4	YHA	3A	M-5	YHA						
T10803	E63	3625	1A	M-4	YHA	2A	M-4	YHA	3A	M-5	YHA	4A	M-5	YHA
			5A	M-5	YHA	6A	M-5	YHA	7A	A-4	YHA	7B	A-4	YHA

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: RC 61-008

REVISED: Added additional page 3A with "A" suffix by RC 61-008 on 06-28-85. Added additional engine codes 7B and 8B by RC 61-065 on 08-15-85. Corrected ETW from 3250 to 3125 for S10603+E63 and S10803+E63, engine code 3A; corrected ETW from 3500 to 3375 for S10653+E63, engine codes 2A and 4A, by letter ML-6P423 on 02-19-86.

0127N/16N

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

Manufacturer General Motors Corporation Executive Order No. A-6-347 Page 4

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family G1G2.8T5TRY1

Engine (CID) 173 Exhaust Emission Control System AIP/EGR/TWC/CL/EFI

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
T10603	E63		2	M-4	YHA	4	M-5	YHA	6	M-5	YHA	7	A-4	YHA
			8	A-4	YHA									
S10516			2	M-4	YHA	4	M-5	YHA	6	M-5	YHA	7	A-4	YHA
			8	A-4	YHA									
T10653	E63	3750	1	M-4	YHA									
T10803	E63		8	A-4	YHA									
T10516		3875	1	M-4	YHA	3	M-5	YHA	5	M-5	YHA	2	M-4	YHA
			4	M-5	YHA	6	M-5	YHA						
T10653	E63		2	M-4	YHA	3	M-5	YHA	4	M-5	YHA	6	M-5	YHA
			7	A-4	YHA	8	A-4	YHA						
S10803	ZW9		9	A-4	YHB	10	A-4	YHB						
T10516		4000	7	A-4	YHA	8	A-4	YHA						

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: 05-22-85

REVISED: Corrected ETW from 4000 to 3875 for T10516, engine codes 2, 4 and 6, by letter ML-6P423 on 02-19-86.

0127N/16N

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

Manufacturer General Motors Corporation Executive Order No. A-6-347 Page 4A

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family G1G2.8T5TRY1

Engine (CID) 173 Exhaust Emission Control System AIP/EGR/TWC/CL/EFI

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
T10603	E63		2A	M-4	YHA	4A	M-5	YHA	6A	M-5	YHA	7A	A-4	YHA
			8A	A-4	YHA	7B	A-4	YHA	8B	A-4	YHA			
S10516			2A	M-4	YHA	4A	M-5	YHA	6A	M-5	YHA	7A	A-4	YHA
			8A	A-4	YHA	7B	A-4	YHA	8B	A-4	YHA			
T10653	E63	3750	1A	M-4	YHA									
T10803	E63		8A	A-4	YHA	8B	A-4	YHA						
T10516		3875	1A	M-4	YHA	3A	M-5	YHA	5A	M-5	YHA	2A	M-4	YHA
T10653	E63		2A	M-4	YHA	3A	M-5	YHA	4A	M-5	YHA	6A	M-5	YHA
			7A	A-4	YHA	8A	A-4	YHA	7B	A-4	YHA	8B	A-4	YHA
S10803	ZW9		9A	A-4	YHB	10A	A-4	YHB	9B	A-4	YHB	10B	A-4	YHB
T10516		4000	7A	A-4	YHA	8A	A-4	YHA	7B	A-4	YHA	8B	A-4	YHA

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: RC 61-008

REVISED: Added additional page 4A with "A" suffix by RC 61-008 on 06-28-85. Added additional engine codes 7B, 8B, 9B and 10B by RC 61-065 on 08-15-85. Corrected ETW from 4000 to 3875 for T10516, engine codes 2A, 4A and 6A, by letter ML-6P423 on 02-19-86.

0127N/16N