

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-255
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 1983 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks.

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|-----------------------------------------------|------------------------------------------------------------------------------------------|
| D1G1.9T2BA7 | 119 (1.9) | Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop |

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

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

| <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> |
|------------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|
| 0-3999 | 0.41 | 9.0 | 1.0 |

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> |
|------------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------|
| 0-3999 | 0.25 | 8.0 | 0.9 |

BE IT FURTHER RESOLVED: That the listed vehicle models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of 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 Executive Officer has been provided 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 6th day of August, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

TRUCK MODEL IDENTIFICATION CODE - See Note

Example: CC10703

DATA

| Eng. Code | CID | A/C | Electronic Control Module | Fuel System | EGR System | Trans. Type |
|-----------|-----|-----|---------------------------|-------------|------------|-------------|
| 1 | 119 | No | 8942506000 | 8942505970 | 8942123000 | M-4,5 (3) |
| 2 | 119 | Yes | 8942506000 | 8942505970 | 8942123000 | M-4,5 (3) |
| 3(1) | 119 | No | 8942506000 | 8942545850 | 8942123000 | M-4,5 (3) |
| 4(1) | 119 | Yes | 8942506000 | 8942545850 | 8942123000 | M-4,5 (3) |
| 5 | 119 | No | 8942506000 | 8942545850 | 8942123000 | M-4,5 (3) |
| 6 | 119 | Yes | 8942506000 | 8942545850 | 8942123000 | M-4,5 (3) |
| 7,7A | 119 | No | 8942506000 | 8942505980 | 8942123000 | A-3 (3) |
| 8,8A | 119 | Yes | 8942506000 | 8942505980 | 8942123000 | A-3 (3) |

Digit 1=Division
 C=Chevrolet
 T=GMC Truck
 (3) K,T=Conventional 4 x 4
 (Four Wheel Drive)
 G=Forward Control 4 x 2
 (Body-Frame Integral)

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

Digit 3=Series/GWV 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 (3)

BODY CODES

E62=Stepside/Fenderside Pickup
 E63=Flatside/Wideside Pickup
 ZW9=Chassis Cab (3)

ABBREVIATIONS

nv = n Venturi Carburetor
 A/C = Air Conditioning
 CID = Cubic Inches Displacement
 EGR = Exhaust Gas Recirculation
 AIP = Air Injection Pump
 TWC = Three-Way Converter
 CL = Closed Loop

ISSUED:

REVISIONS: (1) Added by RC 31-127 (21SE82).

(2) 7A and 8A added by RC 31-128 (22SE82).
 (3) Model identification information and trans. type updated 11-23-82.

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(X) Light Duty Trucks () Medium Duty Vehicles Engine Family D1G1.9T2TBA7

Engine (CID) 119 Exhaust Emission Control System AIP, EGR, TWC, CL

See Page 1 for:

| Model Code | Body Code | Test Weight | Equiv. Eng. Code | Trans. | (1) Tune-Up Label | Eng. Code | Trans. | (1) Tune-Up Label | Eng. Code | Trans. | (1) Tune-Up Label | Eng. Code | Trans. | (1) Tune-Up Label |
|------------|-----------|-------------|------------------|--------|----------------------|-----------|--------|----------------------|-----------|--------|----------------------|-----------|--------|----------------------|
| CS10603 | E63 | 2875 | 1 | M | DRT | 2 | M | DRT | 7,7A | A | DRW | 8,8A | A | DRW |
| CS10653 | E63 | 3000 | 1 | M | DRT | 2 | M | DRT | 7,7A | A | DRW | 8,8A | A | DRW |
| CS10803 | E63 | 3000 | 1 | M | DRT | 2 | M | DRT | 7,7A | A | DRW | 8,8A | A | DRW |
| CS10516 | | 3375 | 5 | M | DRT | 6 | M | DRT | 7,7A | A | DRW | 8A | A | DRW |
| CS10516 | | 3500 | 6 | M | DRT | | | | | | | | | |
| CT10516 | | 3625 | 3 | M | DRT | | | | | | | | | |
| CT10516 | | 3750 | 4 | M | DRT | | | | | | | | | |
| CT10603 | E63 | 3250 | 5 | M | DRT | 6 | M | DRT | | | | | | |
| CT10803 | E63 | 3375 | 5 | M | DRT | 6 | M | DRT | | | | | | |
| CT10653 | E63 | 3375 | 5 | M | DRT | 6 | M | DRT | | | | | | |

(1) 1500 cc canister only. See table below for labels used with 2500 cc canister.

INDEX TO TUNE-UP LABELS

| Evap Family | Can. Volume | Label Codes |
|-------------|-------------|-------------|
| 3B7-8 | 1500 cc | DRT DRW |
| 3D7-8 | 2500 cc | DRU DRX |

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.

ISSUED: REVISED: CT10516 model engine codes 3 and 4 added by RC 31-127 (21SE82).

Engine codes 7A and 8A added by RC 31-128 (22SE82).
 CS10516 and CT10516 model engine codes 4 and 6 updated (rev. 007) (01-10-83).
 CT10803 model engine codes 5 and 6 updated (rev. 008) (01-11-83).