

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-31
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

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 Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
L241/281C	146/168	Exhaust Gas Recirculation Oxidation Catalyst (Electronic Fuel Injection)

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 1979 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
L241/281C	0.34	4.5	1.3

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 except Motorcycles".

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.

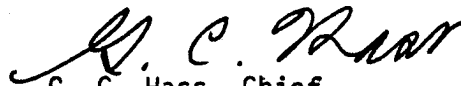
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 20 day of September, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family L241/281C Engine (CID) 146/168

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EI-Electronic Ignition
 ESAC
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AI-Air Injection
 CCAV-Comb. Chamber Air Valve
 EFI-Electronic Fuel Injection
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification

OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TC-Turbo Charged
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 (Feedback Control)
 WOC-Warm-up Oxidation
 Catalyst

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

ESAC-Electronic Spark Advance
 Control
 MFI-Mechanical Fuel Injection

Engine Code

Model

L241CM
 AL241CM

Datsun 810 4-door Sedan
 Datsun 810 2-door Hardtop 5-speed
 Datsun 810 5-door Wagon

L241CA
 AL241CA

Datsun 810 4-door Sedan
 Datsun 810 2-door Hardtop
 Datsun 810 5-door Wagon

L281CM
 AL281CM

Datsun 280ZX
 Datsun 280ZX 5-speed
 Datsun 280ZX Grand Luxury 5-speed
 Datsun 280ZX 2+2 5-speed
 Datsun 280ZX 2+2 Grand Luxury 5-speed

L281CA
 AL281CA

Datsun 280ZX
 Datsun 280ZX Grand Luxury
 Datsun 280ZX 2+2
 Datsun 280ZX 2+2 Grand Luxury

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Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

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Engine Family L241/281C Engine (CID) 146/168

Engine Code _____

Emission Control System EFI, EGR, OC + 10% (A/C)

Yes No _____

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA, VA, EI Distributor Part Number	Fuel System EFI Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
L241 CM AL241 CM	810	M4 M5	3000	Hitachi D6K8-08	Control Unit A11-607	EVK72-42	(1) 10° BTDC @ 650D 700N (2) 0.5% CO or lower (3) 650D, 700N
L241 CA AL241 CM		A3		Hitachi D6K8-09	Air Flow Meter A31-611 Injector A46-000		Manual, Neutral (N) Automatic, Drive (D)
L281 CM AL281 CM	280ZX	M4 M5	3000	Hitachi D6K8-05	Control Unit A11-604		(1) 10° BTDC @ 700D, 800N (2) 0.5% CO or lower (3) 700D, 800N
L281 CA AL281 CA		A3		Hitachi D6K8-06	Air Flow Meter A31-609 Injector A46-000		Manual - Neutral (N) Automatic - Drive (D)

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

Date of Issue -