

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-66  
Relating to Certification of New Motor Vehicles

NISSAN MOTOR CO., LTD.

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 Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for diesel-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DNS2.8D6JAC8	170 (2.8)	Engine Modification Exhaust Gas Recirculation (Diesel Injection-Prechamber)

Vehicle Models, Transmissions, Engine Codes 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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	1.5

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.33	1.6	1.2

NISSAN MOTOR CO., LTD.

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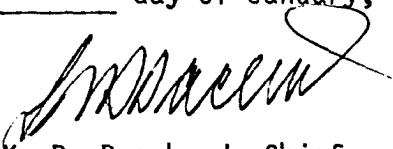
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

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 5<sup>th</sup> day of January, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

NISSAN

Eng. Family: DNS2.8D6JAC8

17.02.00.00 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-66  
 Engine Family DNS2.8D6JAC8 Engine (CID) 170  
 Evaporative Emission Family N.A.

**A R B**

ABBREVIATIONS

Distributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

HEI-High Energy Ignition

EI-Electronic Ignition

Fuel System

EFI, FI

nV-nVenturi Carburetor

VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection

CAI-Catalyst Air Injection

CAB-Chamber Air Bleed

DD-Dual Displacement

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance

Control

FI-Fuel Injection

DI-Diesel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

RC-Reduction Catalyst

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst

(Feedback Control)

EGR Syst. Service

I-Inspect, repair/replace as needed

R-Replace

Engine Code

Model

Transmission

ALD28A

DATSUN 810 MAXIMA SEDAN DIESEL

DATSUN 810 MAXIMA WAGON DIESEL

Automatic

ALD28M

DATSUN 810 MAXIMA SEDAN DIESEL

DATSUN 810 MAXIMA WAGON DIESEL

5 Speed Manual

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17.02.00.00 - cont.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars      Light-Duty Trucks  
 Manufacturer NISSAN MOTOR CO., LTD.     Engine Family DNS2.8D6JAC8     Engine (CID) 170  
 Emission Control System DI, EGR     +10% (A/C)     Yes  No

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Eng. Code	Vehicle Models (refer to page 1)	Trans	Inertia Weight Class	Distributor Type: Mfgr. Part Number	Fuel System Type: Mfgr. Part Number	EGR System Part No. Service	Tune-up Specification
ALD28A	DATSUN 810 DIESEL	L-4	3,500	None	Fuel Injection Pump NP-VE6 / 10F2500RNP15	EGR Control Valve AEY76-62	(1) 8° BTDC (2) 650 RPM "D" Automatic-Drive (D)
ALD28M		M-5			Fuel Injection Pump NP-VE6 / 10F2500RNP14	EGR Control Unit DECML-02 Throttle Body RDB50-1	(1) 8° BTDC (2) 650 RPM "N" Manual-Neutral (N)

Comments: See page 1 for abbreviations and evaporative emission family identification.

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NISSAN

Eng. Family: DNS2.8D6JAC8

17.03.00.00 Test Weight/Horsepower List

Vehicle Model	Test Weight	Determination Method	Test Horsepower	
			With A/C factor	Without A/C factor
DATSUN 810 MAXIMA 4-DOOR SEDAN DIESEL	3,375	Coastdown	9.1	N.A.
DATSUN 810 MAXIMA WAGON DIESEL	3,500	Coastdown	9.1	N.A.

Note: The air-conditioning installation percentage is over 33 %.

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