

Kenny

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-67  
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 light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DNS2.5K6JAC2	152 (2.5)	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>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	1.5

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	0.22	0.8	1.3

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

  
K. D. Drachand, Chief  
Mobile Source Control Division

NISSAN

Eng. Family: DNS2.5K6JAC2

17.02.00.00

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD Executive Order No. A-15-67  
 Engine Family DNS2.5K6JAC2 Evaporative Family N.A.  
 Engine CID (Liters) 2.5

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

DRIVE SYSTEM: 2WD ; Front Engine, Transmission, Rear Axle  
 4WD ; Front Engine, Transmission, 4WD

Engine Code

Model

Transmission

SD25CM ASD25CM	DATSUN NISSAN PICKUP DELUXE REGULAR BED DIESEL  DATSUN NISSAN PICKUP DELUXE LONG BED DIESEL  DATSUN NISSAN PICKUP DELUXE KING CAB DIESEL	5 Speed Manual
SD25CM1 ASD25CM1	DATSUN NISSAN PICKUP DELUXE REGULAR BED 4WD DIESEL	

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NISSAN

Eng. Family: DNS2.5K6JAC2

17.02.00.00 - cont.

## 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

\_\_\_ Passenger Cars  Light-Duty Trucks \_\_\_ Medium-Duty Vehicles \_\_\_ Gas  Diesel

Manufacturer NISSAN MOTOR CO., LTD. E.O. #A-15-67

Engine Family DNS2.5K6JAC2 CID(liter) - Type 2.5 - In-line 4, OHV

ECS (Special Features) EGR, DIP

Engine Code	Vehicle Models*	Trans.	Ign. System	Fuel System	EGR Valve	Label Ident.
			Part No.	Part No.	Part No.	Part No.
SD25CM ASD25CM SD25CM1 ASD25CM1	NISSAN PICKUP	M5	N.A.	Injection Pump NP-PES4A65C4 12RS2000 (Pump Ass'y) NP-EP/SCD900 -2100A6 (Timer Ass'y) Injection Nozzle NP-DNOSD193	VVT Valve ADI76 EGR Valve EVT54-1 Vacuum Amplifier V76820(2WD) V76821(4WD)	Vehicle Emission Control Information 14805 19W00 Vacuum Hose Routing Diagram 22304 19W00

Comments: See page before for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment on 17.03.00.00.

\* See page before.

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NISSAN

Eng. Family: DNS2.5K6JAC2

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 NISSAN PICKUP DELUXE REGULAR BED DIESEL	3,125	Frontal Area	N.A.	13.0
DATSUN NISSAN PICKUP DELUXE LONG BED DIESEL	3,125 3,250	Frontal Area	N.A.	13.0
DATSUN NISSAN PICKUP DELUXE KING CAB DIESEL	3,125 3,250	Frontal Area	N.A.	13.0
DATSUN NISSAN PICKUP DELUXE REGULAR BED 4WD DIESEL	3,500	Frontal Area	N.A.	14.5

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

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