

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-76  
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 1984 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>
ENS2.5K6JAC3	152 (2.5)	Engine Modification Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle models, transmissions and engine codes are 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 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty 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	0.17	0.8	0.8

BE IT FURTHER RESOLVED: That the listed 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 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 30<sup>th</sup> day of January, 1984.



K. D. Drachand, Chief  
Mobile Source Division

17.01.02.00

## 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-76  
 Engine Family ENS2.5K6JAC3 Evaporative Family N.A.  
 Engine CID (Liters) 152 (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

Fuel System

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

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  
 ECC-Electronic Control Carburetor  
 ECCS-Electronic Concentrated Control System

Special Features

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

VEHICLE MODELS:

BS25DCM1 [ NISSAN PICKUP REGULAR BED DIESEL ] M5  
 AS25DCM1 [ NISSAN PICKUP LONG BED DIESEL ]  
 [ NISSAN PICKUP KING CAB DIESEL ]

DRIVE SYSTEM: Front Engine/ 2 -Wheel Drive

Issue Date: 12/16/83  
 Revision Date:

17.01.02.00 - cont.

E.O. #A. -15-76

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD. Page 2

Engine Family: ENS2.5K6JAC3 Engine Code BS25DCM1, AS25DCM1

ECS (Special Features) EGR(DIP)EM CID (Liter)-Type 2.5 / L-4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.			
BS25DCM1	NISSAN PICKUP	M5	3,125	N.A.	Injection Pump NP-PES4A65C 412RS2000 (Pump Ass'y)	V.V.T. Valve AVI76	Vehicle Emission Control Information 14805 64W00			
	REGULAR BED LONG BED KING CAB		3,250							
AS25DCM1	NISSAN PICKUP		3,125					NP-EP/SCD900 +2100A6 (Timer Ass'y)	Vacuum Amplifier V76820	Vacuum Hose Routing Diagram 22304 64W01
	REGULAR BED		3,250							
	LONG BED KING CAB		3,375							

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 and equipment on 17.01.03.00. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Issue Date: 12/16/83  
Revision Date:

## 17.01.03.00 Test Weight/Horsepower List

E.O. # A-15-76

E.F. ENS2.5K6JAC3

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
REGULAR BED	3,125	Coastdown	N.A.	11.4
LONG BED	3,250			11.4
KING CAB	3,250			10.6
	3,375			