

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-77  
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 passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
ENS1.7D6JAC6	103 (1.7)	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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	1.0

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>
0.22	1.4	0.6

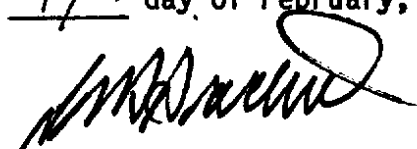
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 17<sup>th</sup> day of February, 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-15-77  
 Engine Family ENS1.7D6JAC6 Evaporative Family N.A.  
 Engine CID (Liters) 103 C.I.D. (1.7 Liters)

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  
 ECC-Electronic Control Carburetor

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

Fuel System

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

VEHICLE MODELS:

	NISSAN SENTRA 2 DOOR SEDAN MPG DELUXE DIESEL	4 Speed Manual
BC17DCM1	NISSAN SENTRA 2 DOOR SEDAN DELUXE DIESEL	5 Speed Manual
AC17DCM1	NISSAN SENTRA 4 DOOR SEDAN DELUXE DIESEL	
	NISSAN SENTRA 4 DOOR WAGON DELUXE DIESEL	

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

Issue Date: 12/14/83

Revision Date:

17.01.02:00 - cont.

E.O. #A -15-77

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD.

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Engine Family EN5L7D6JAC6

Engine

Code BC17DCM1, AC17DCM1

CID (Liter) - 103 C.I.D. (1.7 Liters)

ECS (Special Features) EGR/DI

Type 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.
AC17DCM1	NISSAN SENTRA DIESEL	M4	2375	None	Fuel Injection Pump NP-VE4/ 8F2500 LNP177	EGR Control Valve AEY76-59	Vehicle Emission Control Information 14805 18A15
BC17DCM1		M5	2375 2500			Injector 71-1360	
					Throttle Body RDB50-2	Vacuum Hose Routing Diagram 22304 18A00	
						EGR Control Valve AEY76-59	
						EGR Control Unit DECMI-13	
						Throttle Body RDB50-2	

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: 12/14/83  
Revision Date:

## 17.01.03.00 Test Weight/Horsepower List

Engine Family ENS 1.7 D6JAC6

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
2 DOOR SEDAN MPG 2 DOOR SEDAN	2375	Coastdown	8.1	7.4
4 DOOR SEDAN	2500		8.4	7.6
4 DOOR WAGON			8.8	8.0