

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-79  
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, 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 1985 model-year Nissan Motor Company, 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>
FNS1.7D6JAC7	103 (1.7)	Engine Modifications 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>	<u>Particulates Grams per Mile</u>
0.41	7.0	1.0	0.4

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>	<u>Particulates Grams per Mile</u>
0.14	1.0	0.8	0.2

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 10<sup>th</sup> day of August, 1984.



K. D. Drachand, Chief  
Mobile Source Division

## 17.01.03.00 Test Weight/Horsepower List

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
2 DOOR SEDAN MPG	2375	Coastdown	-	7.4

Issue Date:  
Revision Date:

7.01.02.00 1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-79  
 Engine Family ENS1.7D6JAC7 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

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 v-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-System Direct  
 DIP-Diesel Injection-Prechamber  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

VEHICLE MODELS:

BC17DCM1 SENTRA 2 DOOR SEDAN MPG DELUXE \_\_\_\_\_ 4 Speed Manual  
 AC17DCM1 DIESEL

DRIVE SYSTEM: Front Engine/ Front -Wheel Drive

Issue Date: 5/17/84

Revision Date:

17.01.02.00 - cont.

E.O. #A-15-79

## AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NISSAN MOTOR CO., LTD.    Page \_\_\_\_\_

Engine Family EN1.7D6JAC7    Engine Code BC17DCM1, AC17DCM1

ECS (Special Features) EGR/DI    CID (Liter)- 103 C.I.D. (1.7 Liters)

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 BC17DCM1	SENTRA DIESEL	M4	2375	None	Fuel Injection Pump NP-VE4/ 8F2500 LNP177 Injector 71-1360	EGR Control Valve AEY76-59 EGR Control Unit DECM1-12 Throttle Body RDB50-2	Vehicle Emission Control Information 14805 18A15  Vacuum Hose Routing Diagram 22304 18A00

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.

Issue Date: 05/07/84  
Revision Date: