

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-63  
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 gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DNS1.6V9FAC9	97.5 (1.6)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families 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>
0.39	7.0	0.7

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>
0.19	3.4	0.4

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 "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and 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 23<sup>rd</sup> day of September, 1982.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Nissan Motor Co., Ltd. Executive Order No. A-15-63 Page 1  
 Engine Family DNS1.6V9FAC9 Evaporative Family EVP-ECC-1A  
 Engine CID (Liters) 97.5 (1.6)

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

Special Features

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

Vehicle Models

Datsun Nissan Sentra Sedan  
 Datsun Nissan Sentra Hatchback  
 Datsun Nissan Sentra Wagon  
 Datsun Nissan Pulsar Hatchback  
 Datsun Nissan Pulsar-NX

DRIVE SYSTEM: Front Wheel

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Date \_\_\_\_\_  
Revision \_\_\_\_\_

Issue Date: 7/29/82

17.02-DNS1.6V9FAC9-6

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars  Light-Duty Trucks

Manufacturer NISSAN MOTOR CO., LTD. Engine Family DNS1.6V9FAC9 Engine (CID) 97.5  
Emission Control System EGR, TWC, CL (Cat Code: SCE35WB4-6 +10% (A/C) Yes  No

Eng. Code	Vehicle Models (refer to page 1)	Trans	Inertia Weight Class	Distributor Type: CA, VA, EI	Fuel System Type: 1-2V	EGR System Part No. Service	Tune-up Specification
E16CM AF16CM	DATSUN NISSAN SENTRA	M5	2,250	HITACHI D4R82-12	HITACHI DFC328-1	AEY 76-68	(1) 5° ATDC @750 RPM (2) CO 3% (3) 750 RPM "N" Manual - Neutral (N)
E16CA AE16CA		L-3		HITACHI D4R82-24	HITACHI DFC328-2	AEY 76-69	(1) 5° A DC @650 RPM (2) CO 3% (3) 650 RPM "D" Automatic-Drive (D)

Comments: See page 1 for abbreviations and evaporative emission family identification.  
with R/C No. 15V2D-82-02

## 17.03.00.00 Test Weight / Horsepower List

APPLICABLE MODEL : DATSUN NISSAN SENTRA

Vehicle Model	Test Weight (lbs)	Tire Size	Without A/C factor		With A/C factor	
			Test HP	Coastdown Time(sec)	Test HP	Coastdown Time(sec)
DATSUN NISSAN SENTRA SEDAN	2250	155 SR13 Radial	7.5	13.13		
DATSUN NISSAN SENTRA HATCHBACK	2250	175/70 SR 13 Radial	7.3	13.08		
	2375			13.79		
DATSUN NISSAN SENTRA WAGON	2250	155 SR13 Radial	8.0	12.43		
	2375			13.10		

APPLICABLE MODEL : DATSUN NISSAN PULSAR

Vehicle Model	Test Weight (lbs)	Tire Size	Without A/C factor		With A/C factor	
			Test HP	Coastdown Time(sec)	Test HP	Coastdown Time(sec)
DATSUN NISSAN PULSAR HATCHBACK	2125	155 SR13 Radial	7.6	13.06		
	2250			13.61		
DATSUN NISSAN PULSAR-NX	2125	175/70 SR 13 Radial	7.8	12.89		
	2250			13.93		

Issue Date: 7/29/82	17.03-DNS1.6V9FAC9-1			PAGE IS <input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY
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