

Kenny

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-65  
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 passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DNS1.7D6JAC5	103 (1.7)	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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	1.5

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	1.0	0.9

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



K. D. Drachand, Chief  
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-65  
 Engine Family DNS1.7D6JAC5 Engine (CID) 103  
 Evaporative Emission Family N.A.

ABBREVIATIONS

<u>Distributor</u>	<u>Exhaust Emissions Control System</u>	
C-Centrifugal Advance	AI-Air Injection	OC-Oxidation Catalyst
V-Vacuum Advance	CAI-Catalyst Air Injection	PAI-Pulse Air Injection
VR-Vacuum Retard	CAB-Chamber Air Bleed	RC-Reduction Catalyst
HEI-High Energy Ignition	DD-Dual Displacement	TC-Turbo Charged
EI-Electronic Ignition	EFI-Electronic Fuel Injection	TR-Thermal Reactor
<u>Fuel System</u>	EGR-Exhaust Gas Recirculation	TWC-Three Way Catalyst
EFI, FI	EM-Engine Modification	(Feedback Control)
nV-nventuri Carburetor	EFE-Early Fuel Evaporation	<u>EGR Syst. Service</u>
VV-Variable Venturi	ESAC-Electronic Spark Advance Control	I-Inspect, repair/replace as needed
	FI-Fuel Injection	R-Replace

<u>Engine Code</u>	<u>Model</u>	<u>Transmission</u>
	DATSUN NISSAN SENTRA 2-DOOR SEDAN MPG DELUXE DIESEL	4 Speed Manual
CD17M ACD17M	DATSUN NISSAN SENTRA 2-DOOR SEDAN DELUXE DIESEL	
	DATSUN NISSAN SENTRA 4-DOOR SEDAN DELUXE DIESEL	5 Speed Manual
	DATSUN NISSAN SENTRA 4-DOOR WAGON DELUXE DIESEL	
	DATSUN NISSAN SENTRA 2-DOOR SEDAN DELUXE DIESEL	
CD17A ACD17A	DATSUN NISSAN SENTRA 4-DOOR SEDAN DELUXE DIESEL	Automatic
	DATSUN NISSAN SENTRA 4-DOOR WAGON DELUXE DIESEL	

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars  Light-Duty Trucks

Manufacturer NISSAN MOTOR CO., LTD. Engine Family DNS1.7D6JAC5 Engine (CID) 103

Emission Control System DI, EGR +10% (A/C) Yes  No

Eng. Code	Vehicle Models (refer to page 1)	Trans	Inertia Weight Class	Distributor Type: Mfr. Part Number	Fuel System Type: Mfr. Part Number	EGR System Part No. Service	Tune-up Specification
CD17A ACD17A	DATSUN NISSAN SENTRA	A-3	2,250	None	Fuel Injection Pump NP-VE4/ 8F2500 LNP142	EGR Control Valve AEY76-59 EGR Control Unit DECM1-04	(1) 6° BTDC (2) 750 RPM "D" Automatic-Drive (D)
		M-4	2,250		Fuel Injection Pump NP-VE4/ 8F2500 LNP177	EGR Control Valve AEY76-59 EGR Control Unit DECM1-03	(1) 7° BTDC (2) 750 RPM "N" Manual-Neutral (N)
CD17M ACD17M		M-5	2,500		Injector 71-1360	Throttle Body RDB50-2	

Comments: See page 1 for abbreviations and evaporative emission family identification.

NISSAN

Eng. Family: DNS1.7D6JAC5

17.03.00.00 Test Weight/Horsepower List

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
DATSUN NISSAN SENTRA 2-DOOR SEDAN MPG DELUXE DIESEL	2,250 2,375	Coastdown	N.A.	7.4
DATSUN NISSAN SENTRA 2-DOOR SEDAN DELUXE DIESEL	2,375	Coastdown	N.A.	7.4
DATSUN NISSAN SENTRA 4-DOOR SEDAN DELUXE DIESEL	2,375	Coastdown	N.A.	7.4
DATSUN NISSAN SENTRA 4-DOOR WAGON DELUXE DIESEL	2,500	Coastdown	N.A.	8.0

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

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