

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-59-1  
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>
DNS2.2V5FAA8	133.4 (2.2)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

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>
0.22	2.0	0.5

BE IT FURTHER RESOLVED: That the listed vehicle 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.

This Executive Order supersedes Executive Order A-15-59, dated August 17, 1982.

Executed at El Monte, California this BH day of August, 1985.



K. D. Drachand, Chief  
Mobile Source Division

NISSAN

Eng. Family: DNS2.2V5FAA8

17.02.00.00 Supplemental Data Sheet

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-59-1  
 Engine Family DNS2.2V5FAA8 Engine (CID) 133.4  
 Evaporative Emission Family EVP-EFI-2A

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	I-Inspect, repair/replace
	Control	as needed
	FI-Fuel Injection	R-Replace

Engine Code

Model

Transmission

Z22EFM  
 AZ22EFM  
 HZ22EFM  
 AHZ22EFM

DATSUN 200SX HARDTOP  
 DATSUN 200SX HATCHBACK

5 Speed Manual

Z22EFA  
 AZ22EFA  
 HZ22EFA  
 AHZ22EFA

DATSUN 200SX HARDTOP  
 DATSUN 200SX HATCHBACK

Automatic

DRIVE SYSTEM: Rear Wheel

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Revision

Issue Date: 06/03/82

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars

Light-Duty Trucks

E.O.# A-15-59 -1

Manufacturer NISSAN MOTOR CO., LTD. Engine Family DNS2.2V5FAA8 Engine (CID) 133.4

Emission Control System EFI+EGR+TWC+CI+2 plug +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
Z22EPM AZ22EPM HZ22EPM AHZ22EPM	DATSUN 200SX	M5	3,000	HITACHI D4N80-43	Control Unit A11-647 (JEGS) A1r Flow Meter A31-629 (JEGS) Injector A46-0021 (JEGS) A46-0022 (DKC)	EGR Valve AEY76-35 no service	(1) 8° BTDC @750RPM (2) None (3) 750±100RPM "N" Manual-Neutral (N)
Z22EFA AZ22EFA HZ22EFA AHZ22EFA	A-3			Control Unit A11-648 (JEGS) A1r Flow Meter A31-629 (JEGS) Injector A46-0021 (JEGS) A46-0022 (DKC)	EGR Valve AEY76-27 no service	(1) 8° BTDC @700RPM (2) None (3) 700±100RPM "D" Automatic-Drive (D)	

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

NISSAN

Eng. Family: DNS2.2V5FAA8

E.O.# A-15-59-1

NISSAN

Eng. Family: DNS2.2V5FAA8

17.03.00.00 Test Weight / Horsepower List

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 200SX HARDTOP	3000	185/70 SR 14 Radial	8.7	16.31	9.6	15.10
DATSUN 200SX HATCHBACK			8.3	16.60	9.1	15.56

Note: Since A/C installation ratio is over 33% of this family, only "with A/C factor" is used at certification tests.

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