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9-22-85

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-59
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.

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.24	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.

Executed at El Monte, California this 17th day of August, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

17.02.00.00 Supplemental Data Sheet

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-15-59

Engine Family DNS2.2V5FAA8 Engine (CID) 133.4

Evaporative Emission Family EVP-EFI-2A

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, FI
nV-nventuri Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)

EGR Syst. Service
I-Inspect, repair/replace as needed
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

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks E.O.# A-15-59

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

Emission Control System EFI+EGR+TWC+CL+2 plug +10% (A/C) Yes X No ___

Eng. Code	Vehicle Models (refer to page 1)	Trans	Inertia Weight Class	Distributor Type: Mfgr. Part Number	Fuel System Type: Mfgr. Part Number	EGR System Part No. Service	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Z22EFM AZ22EFM HZ22EFM AHZ22EFM	DATSUN 200SX	M5	3,000	HITACHI D4N80-43	Control Unit A11-647 (JECS) Air Flow Meter A31-629 (JECS) Injector A46-0021 (JECS) 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 (JECS) Air Flow Meter A31-629 (JECS) Injector A46-0021 (JECS) 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

Issue Date: 06/03/82

17.02-DNS2.2V5FAA8-2

Revision

Date

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DATE ___/___/___

EPA REP

E.O.# A-15-59

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.

Issue Date: 06/25/82		17.03-DNS2.2V5FAA8-1			PAGE IS ☐ SATISFACTORY ☐ UNSATISFACTORY
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