

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-88  
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 gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FNS2.0V5FCC4	120 (2.0)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.18	2.2	0.1

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 16<sup>th</sup> day of November, 1984.

  
K. D. Drachand, Chief  
Mobile Source Division

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. A-16-88  
 Engine Family FNS2.0V5FCC4 Evaporative Family 5FI4-2  
 Engine CID (Liters) 120.4 C.I.D. (2.0 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  
 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  
 ECC-Electronic Control Carburetor  
 ECCS-Electronic Concentrated Control System

Special Features

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

VEHICLE MODELS:

AC20ECA1  
 BC20ECA1

NISSAN 200SX 2DOOR NOTCH BACK DELUXE  
 NISSAN 200SX 2DOOR NOTCH BACK XE  
 NISSAN 200SX 2DOOR HATCH BACK COUPE DELUXE  
 NISSAN 200SX 2DOOR HATCH BACK COUPE XE

Automatic

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

Issue Date: 1/13/84  
 Revision Date:

Vehicle Model	Test Weight	Test Horsepower		
		Determination Method	With A/C factor	Without A/C factor
200SX 2DOOR NOTCH BACK DELUXE	3000	Coastdown	8.4	7.6
200SX 2DOOR NOTCH BACK XE	3000		/	7.6
	3125		8.4	/
200SX 2DOOR HATCH BACK COUPE DELUXE	3000		8.4	7.6
	3125			
200SX 2DOOR HATCH BACK COUPE XE	3125		8.4	7.6

## AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  DieselManufacturer NISSAN MOTOR CO., LTD.

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2Engine Family FNS2.OV5FCC4

Engine

Code

-ECS (Special Features) EFI/EGR/TWC/CL/2plugCID (Liter)- 120.4 CID (2.0 liter)Type - L4

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.
AC20ECA1 BC20ECA1	200SX	L4	3000 3125	Distributor HITACHI D4N84-17 MITSUBISHI TOT 60380	Control Unit All-665 Air Flow Meter A31-633 Injector A46-001 (JECS) A46-002 (DKC)	AEY76-78	Vehicle Emission Information 14805 24F15  Vacuum Hose Routing Diagram 22304 07FC1

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.

\*Add 10% to dyno test HP for air conditioning usage.

Issue Date: 1/1/84

Revision Date: