

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-68  
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 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>
DNS1.5V5FAC9	90.8 (1.5)	Exhaust Gas Recirculation Three-Way Catalyst With Closed Loop (Electronic Fuel Injection) (Turbocharged)

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	2.5	0.25

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 11<sup>th</sup> day of April, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

NISSAN

Eng. Family: DNS1.5V5FAC9

File

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Executive Order No. \_\_\_\_\_  
 Engine Family DNS1.5V5FAC9 Engine (CID) 90.8  
 Evaporative Emission Family EVP-EFI-4A

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  
 ECCS-Electronic Concentrated <sup>1/</sup> Engine Control System

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

E15TCM - R2 <sup>3/</sup>  
 AE15TCM . R2 <sup>3/</sup>

DATSUN NISSAN PULSAR-NX TURBO

Manual

E15TCA - R1 <sup>2/</sup>  
 AE15TCA - R1 <sup>2/</sup>

DATSUN NISSAN PULSAR-NX TURBO

Automatic

<sup>2/</sup> with R/c No. 15V5C-83-01

<sup>3/</sup> with R/c No. 15V5C-83-02

Iss Date: 02/10/83	17.02-DNS1.5V5FAC9-1			PAGE IS <input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY DATE ___/___/___ EPA REP
Revision	03/31/83 <sup>1/</sup>	07/13/83 <sup>2/</sup>	07/27/83 <sup>3/</sup>	
Date				

17.02.00.00 Supplemental Data Sheet - cont.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD. Engine Family DNS1.5V5FAC9 Engine (CID) 90.8  
 Emission Control System EFI+EGR+TWC+CL+EGCS+TC  Passenger Cars  Light-Duty Trucks  
 +10% (A/C) Yes  No

Date: 02/10/83 17.02-DNS1.5V5FAC9-2  
 Revision 07/13/83 1/1  
07/27/83 2/2  
 EPA REP \_\_\_\_\_ DATE \_\_\_\_/\_\_\_\_/\_\_\_\_  
 PAGE IS  SATISFACTORY  UNSATISFACTORY

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
E15TCM-R2 AE15TCM-R3	DATSUN NISSAN PULSAR-NX TURBO	M-5	2,250	Engine Control Module (JEGS) A18-609452 (M/T) A18-610453 (A/T)	Engine Control Module (JEGS) A18-609452 (M/T) A18-610453 (A/T)	AEY76-80	(1) 15° BTDC @750 RPM (2) None (3) 750 RPM "N" Manual-Neutral (N)
E15TCA-R1 AE15TCA-R1		A-3		Distributor (Crank angle sensor) D4P82-06 (HITACHI)	Air flow Meter (JEGS) A31-631721 Injector A46-003146 A46-004146 A46-003236 A46-004236 (DKC)	AEY76-72	(1) 15° BTDC @650 RPM (2) None (3) 650 RPM "D" Automatic-Drive (D)

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

1/ with R/c No. 15V5C-83-01  
 2/ with R/c No. 15V5C-83-02