

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-55  
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CNS2.2T2ABC7	133.4 (2.2)	Air Injection - Valve Exhaust Gas Recirculation Oxidation Catalyst

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 1982 model-year vehicles:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.39	9.0	1.0
4000-6000	0.50	9.0	1.5

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.24	4.0	0.8
4000-6000	0.19	3.4	1.0

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 in El Monte, California this 3<sup>rd</sup> day of August, 1981.



K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Nissan Motor Co., Ltd. Executive Order No. A-15-55 Page 1  
 Engine Family CNS2.2T2ABC7 Evaporative Family EVP-CARB-1A  
 Engine CID (Liters) 133.4 (2.2)

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

Special Features

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

Vehicle Models: Datsun Pickup Regular Standard  
 Regular  
 Long Wheelbase  
 King Cab  
 Cab & Chassis  
 Heavy Duty  
 4WD Regular  
 4WD Long Wheelbase  
 4WD King Cab

DRIVE SYSTEM: Rear Wheel

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  Diesel

Manufacturer Nissan Motor Co., Ltd. E.O. #A -15-55

Engine Family CNS2.2T2ABC7 CID (liter) - Type 133.4(2.2) - I4

ECS (Special Features) AIV, EGR, OC

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.	
Z22CM1 PZ22CM1 (w/o AC)	Pickup Regular Regular Std.	M-4, M-5	2750	D4N80-36	DCR342-11A	AEY76-4	14805 07W10	
AZ22CM1 PAZ22CM1 (w/AC)			2875					
Z22CM1 PZ22CM1 (w/o AC)								
AZ22CMT PAZ22CMT (w/AC)	Pickup Long Wheel							
Z22CM1 PZ22CM1 (w/o AC)	Pickup King Cab			D4N80-37	DCR342-13A			
AZ22CM1 PAZ22CM1 (w/AC)			3000					
PAZ22CA (w/AC)			A-3					
PZ22CA (w/o AC)								2875
PZ22CA (w/o AC)	Pickup Long Wheel							
PAZ22CA (w/AC)	Pickup Regular Regular Std.							
PZ22CA (w/o AC)			2750					

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. If two test weights are listed, the lower weight will be used for testing.

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

Date of Issue -8-4-81

Revisions:

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  Diesel

Manufacturer Nissan Motor Co., Ltd. E.O. #A -15-55

Engine Family CNS2.2T2ABC7 CID (liter) - Type 133.4(2.2) - I4

ECS (Special Features) AIV, EGR, OC

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
PZ22CM3 (w/o AC) PAZ22CM3 (w/AC)	Pickup 4WD Regular Long Wheel King Cab	M-4 M-5	<del>3250</del> <del>3000</del>	D4N80-39	DCR342-17A	AEY76-4	14805 07W10
PZ22CM3-R3 (w/o AC) PAZ22CM3-R3 (w/AC)			3375				
PZ22CM2 (w/o AC) PAZ22CM2 (w/AC)			3250 3375		D4N80-38		
PZ22CM2 (w/o AC) PAZ22CM2 (w/AC)	Heavy Duty		2875				
PZ22CM2 (w/o AC) PAZ22CM2 (w/AC)			3000				

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. If two test weights are listed, the lower weight will be used for testing.

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

Date of Issue - 8-4-81

Revisions: (1) R/C 22T2C-82-03, Added engine code.