State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-34
Relating to Certification of New Motor Vehicles

NISSAN MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger car.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
Z20EC	119	Air Injection Exhaust Gas Recirculation Oxidation Catalyst (Dual spark plugs) (Electronic Fuel Injection)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
Z20EC	0.21	1.2	0.7

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 except Motorcycles".

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 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models sold on or after September 1, 1979 also comply with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036 et seq.).

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 30th day of July, 1979.

K. D. Drachand (AW)

K. D. Drachand, Acting Chief
Mobile Source Control Division

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Engine Family Z20EC Engine (CID) 119

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
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Engine Code	Model
AZ20ECM	200 SX Hardtop
Z20ECM	200 SX Hatchback
AZ20ECA	
Z20ECA	

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

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Engine Family Z20EC CID-Type 119-I4 Engine Code

ECS (Special Features) AI, EGR, OC (EFI, Dual Plug) + 10% (A/C) Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident.
Z20ECM AZ20ECM	200 SX	M5	2875 (2750)	Hitach D4N9-04	Control Unit A11-610 (JECS) Air Flow Meter A31-613 (JECS) Injector A46-0021 (JECS) A46-0022 (DKC)	AEY76-5	See Page 3
Z20ECM AZ20ECA		A3		D4N9-05	Control Unit A11-611 (JECS) Air Flow Meter A31-613 (JECS) Injector A46-0021 (JECS) A46-0022 (DKC)		

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, equipment and inertia weight class.

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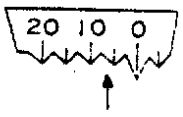
VEHICLE EMISSION CONTROL INFORMATION

THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MOTOR VEHICLES PROVIDED THAT THIS VEHICLE IS ONLY INTRODUCED INTO COMMERCE FOR SALE IN THE STATE OF CALIFORNIA. THIS VEHICLE IS CERTIFIED AS HAVING DEMONSTRATED CONFORMANCE WITH FEDERAL AND CALIFORNIA EMISSION STANDARDS ONLY AT ELEVATIONS EQUAL TO OR LOWER THAN 1,219 METERS (4,000FEET).

- ENGINE FAMILY: Z20EC ENGINE DISPLACEMENT: 119.1 C.I.D.
- EVAPORATIVE FAMILY: EVP-EFI-2A
- EXHAUST EMISSION CONTROL TYPE: EFI+EGR+EAI+OX.CAT+2PLUG
- EVAPORATIVE EMISSION CONTROL TYPE: CARBON CANISTER

- ENGINE TUNE UP SPECIFICATIONS AND ADJUSTMENT
  - *AT NORMAL OPERATING TEMPERATURE
  - *LIGHTS AND AIR CONDITIONER OFF



TRANSMISSION	AUTOMATIC	MANUAL
IDLE SPEED	700 R.P.M. (D)	700 R.P.M. (N)
IGNITION TIMING	6° B.T.D.C.	
IDLE MIXTURE SETTING	IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY.	
VALVE LASH	INTAKE : .30 MM (.012 IN)-HOT EXHAUST: .30 MM (.012 IN)-HOT	

DATSUN CATALYST
NISSAN-MOTOR CO., LTD.

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