

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-35  
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.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
A14/T5C	85/91	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
A14/T5C	0.31	5.8	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.

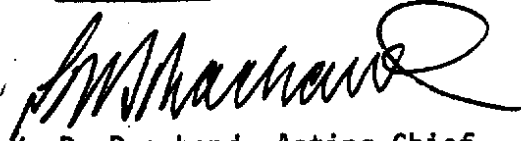
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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, Sections 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 10<sup>th</sup> day of July, 1979

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

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Nissan Executive Order No. A-15-35 Page 1

Engine Family A14/15C Engine (CID) 85/91

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

ABA14CM  
 BA14CM

ABA15CA  
 BA15CA

ANA14CM  
 NA14CM

ANA14CM1  
 NA14CM1

Model

210 2-door sedan  
 210 4-door sedan  
 210 Hatchback  
 210 5-door wagon

210 2-door sedan  
 210 4-door sedan  
 210 Hatchback  
 210 5-door wagon

310 Hatchback  
 310 GX Hatchback  
 310 Coupe Hatchback

310 Hatchback  
 310 GX Hatchback  
 310 Coupe Hatchback

## 1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer NissanPage 2Engine Family A14/15CCID-Type 85/91-I4

Engine Code

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Distributor Part No.	Fuel System 2V Carburetor Part No.	EGR Valve Part No.	Label Ident.
ABA14CM BA14CM	210 2-door sedan	M4	2250 (2250)	Hitachi D4K9-12	Hitachi DCH306-110	AEY75-35	See Page 3
	210 4-door sedan	M5					
	210 4-door sedan	M4	2375 (2250)				
	210 Hatchback ✓	M4					
	210 5-door wagon	M5					
ABA15CA BA15CA ABA15CA-R2 BA15CA-R2	210 2-door sedan	A3	2250 (2250)	D4K9-06	DCH306-111		See Page 5
	210 4-door sedan		2375 (2250)	D4K9-12			
	210 Hatchback 210 5-door wagon						
ANA14CM NA14CM	310 Hatchback	M4	2250 (2250)	D4K9-12	DCH306-112	AEY75-36	See Page 4
	310 GX Hatchback						
	310 Coupe Hatchback	M5	2375 (2250)				
	310 4-dr Hatchback	M4					
ANA14CM1 NA14CM1	310 Hatchback		2250 (2250)				
	310 GX Hatchback						
	310 Coupe Hatchback	M5	2375 (2250)				

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.

of Issue -

R/C A14/15C-1980-2 adds R2 code and D4K9-12 Distributor to 91 CID codes.

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer

Nissan

Executive Order No. A-15-35

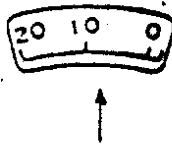
Page 3

Datsun 210  
85 CID Manual

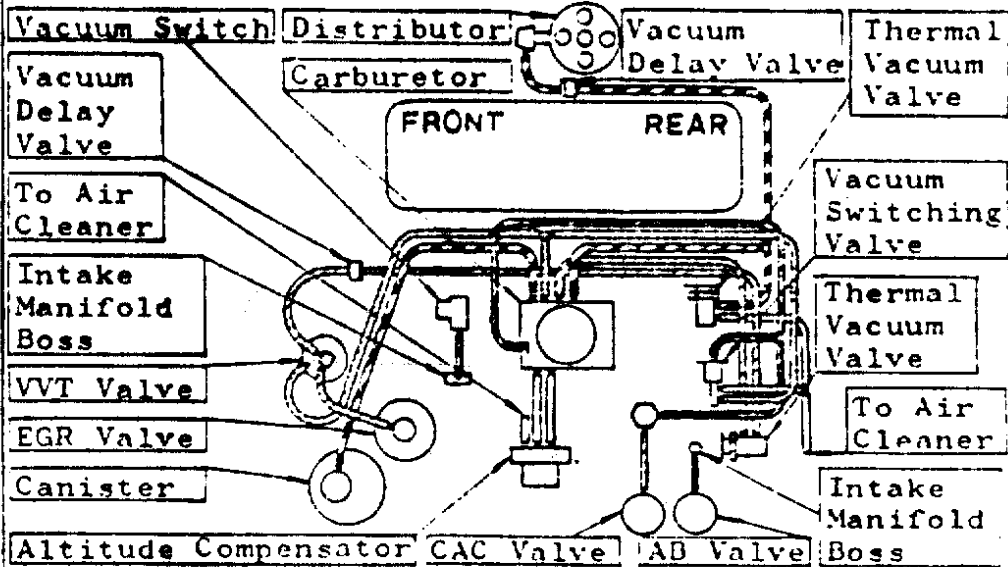
VEHICLE EMISSION CONTROL INFORMATION

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 (4,000 FEET).

- ENGINE FAMILY: A14/15C ENGINE DISPLACEMENT: 85.2 C.I.D.
- EVAPORATIVE FAMILY: EVP-CARB-2A
- EXHAUST EMISSION CONTROL TYPE: AIS+EGR+OX.CAT
- EVAPORATIVE EMISSION CONTROL TYPE: CARBON CANISTER
- ENGINE TUNE UP SPECIFICATIONS AND ADJUSTMENT
  - AT NORMAL OPERATING TEMPERATURE
  - LIGHTS AND AIR CONDITIONER OFF

TIMING MARK	TRANSMISSION	MANUAL
	IDLE SPEED	700 R.P.M.(N)
	IGNITION TIMING	8° B.T.D.C.
	IDLE MIXTURE SETTING	IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY.
	VALVE LASH	INTAKE : .35 MM (.014 IN) -HOT EXHAUST: .35 MM (.014 IN) -HOT

VACUUM HOSE ROUTING DIAGRAM



CATALYST

NISSAN MOTOR CO., LTD.

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

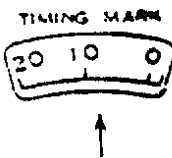
Manufacturer Nissan Executive Order No. A-15-35 Page 4

Datsun 310

VEHICLE EMISSION CONTROL INFORMATION

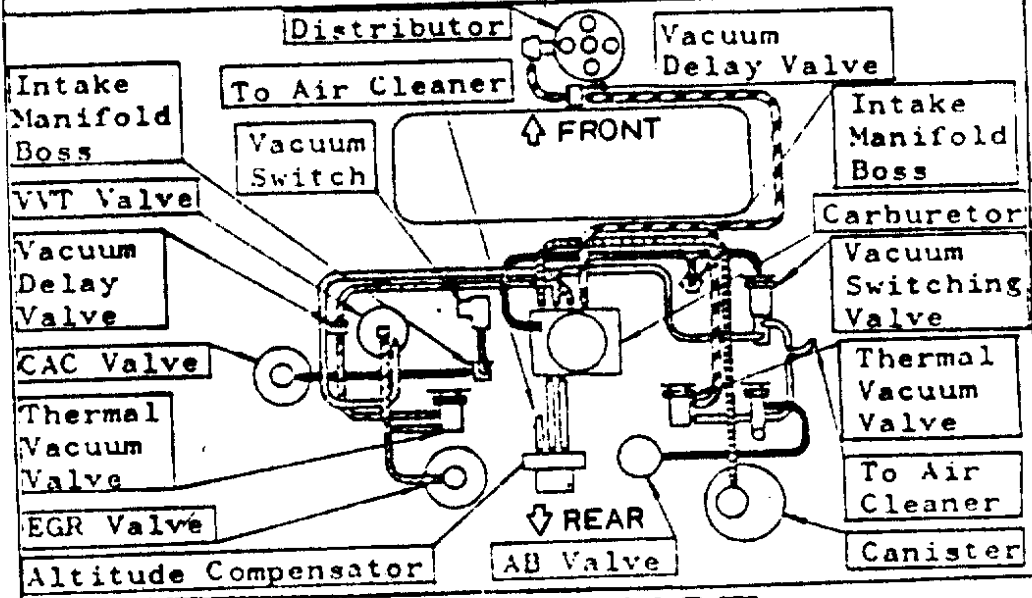
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- ENGINE FAMILY: A14/15C ENGINE DISPLACEMENT: 85.2 C.I.D.
- EVAPORATIVE FAMILY: EVP-CARB-2A
- EXHAUST EMISSION CONTROL TYPE: AIS+EGR+OX.CAT
- EVAPORATIVE EMISSION CONTROL TYPE: CARBON CANISTER
- ENGINE TUNE UP SPECIFICATIONS AND ADJUSTMENT
  - AT NORMAL OPERATING TEMPERATURE
  - LIGHTS AND AIR CONDITIONER OFF



TRANSMISSION	MANUAL
IDLE SPEED	750 RPM (MIN)
IGNITION TIMING	8° B.T.D.C.
IDLE MIXTURE SETTING	IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY.
VALVE LASH	INTAKE : .35 MM (.014 IN) ·HOT EXHAUST : .35 MM (.014 IN) ·HOT

VACUUM HOSE ROUTING DIAGRAM



**CATALYST**  
 DATSUN NISSAN MOTOR CO., LTD.

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Nissan

Executive Order No. A-15-35

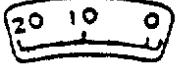
Page 5

Datsun 210  
91 CID Automatic

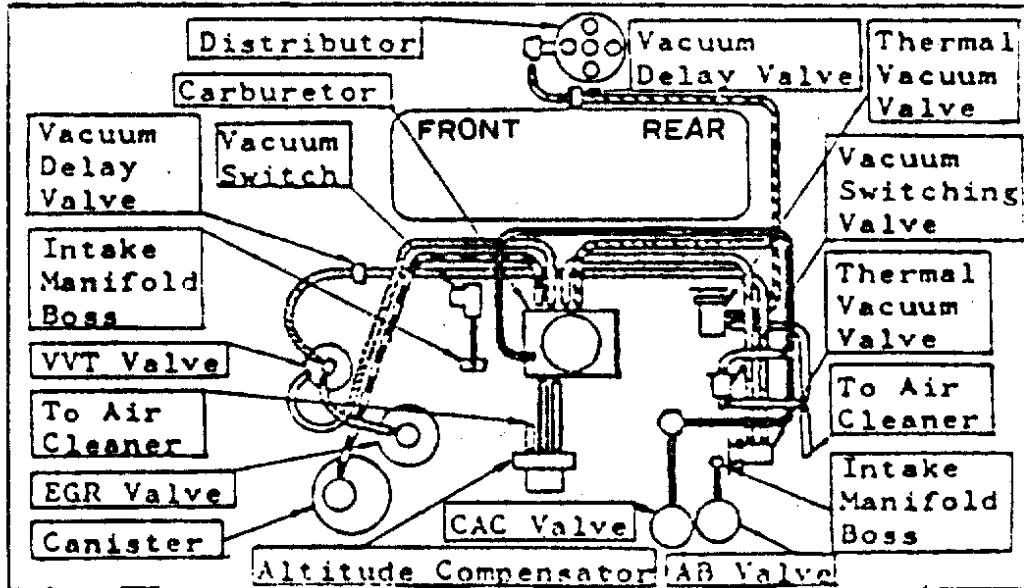
VEHICLE EMISSION CONTROL INFORMATION

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- ENGINE FAMILY: A14/15C ENGINE DISPLACEMENT: 90.8 C.I.D.
- EVAPORATIVE FAMILY: EVP-CARB-2A
- EXHAUST EMISSION CONTROL TYPE: AIS+EGR+OX.CAT
- EVAPORATIVE EMISSION CONTROL TYPE: CARBON CANISTER
- ENGINE TUNE UP SPECIFICATIONS AND ADJUSTMENT
  - AT NORMAL OPERATING TEMPERATURE
  - LIGHTS AND AIR CONDITIONER OFF

TIMING MARK 	TRANSMISSION	AUTOMATIC
	IDLE SPEED	650 R.P.M.(D)
	IGNITION TIMING	8° B.T.O.C.
	IDLE MIXTURE SETTING	IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY.
	VALVE LASH	INTAKE : .35 MM (.014IN) -HOT EXHAUST: .35 MM (.014IN) -HOT

VACUUM HOSE ROUTING DIAGRAM



**CATALYST**  
NISSAN MOTOR CO., LTD.