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(Page 1 of 2)

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-199 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 1992 model-year Nissan Motor Company, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NNS1.6V5FAA3 Displacement: 1.6 Liters (98 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Oxygen Sensor
Three-Way Catalyst
Exhaust Gas Recirculation
Sequential Multipoint Electronic Fuel Injection

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

The exhaust emission standards for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.39	7.0	0.4

The certification exhaust emission values for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.24	2.3	0.2

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 Code of Regulations, 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 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (California Health and Safety Code Section 43205).

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

day of July, 1991.

R./B. Summerfield

Assistant Division Chief Mobile Source Division

#17.11.01-1 E.O. # A-15-199										
17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET										
Page 1_ Manufacturer: NISSAN MOTOR CO.,LTD. Engine Family: NNS1.6V5FAA3										
Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel										
Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family F14-2										
Emission (Control Sys. (Us	se SAE	Abbrv.)	TWC/02S/E	GR/SMPI					
Engine:Fr	ont X Mid	Rea	r [Orive:FWD_X_	_ RWD 4	WD-FT	4WD-PT			
Code	 Vehicle Models (If Coded see attachment)	Туре	Test	or	 Ign. System (ECU)	4	Catalyst ****			
			1 4618110	 	Part No.	Part No	Part No.			
	 SENTRA E 2-DDOR SEDAN 	M4	2625 	5.6≄	Control Unit A11-C15 (JECS), JA11 C25 (AUTECS)					
	SENTRA E 4-DOOR SEDAN 		2625 	6.1**	A11-C14	AEY77-45 	Axxx1, FxxxJ,			
	SENTRA XE 4-DOOR SEDAN	M5	 	6.1**	(JECS) JA11 C24 (AUTECS)		FxxxD, FxxxE 			
•	SENTRA XE 2-DOOR SEDAN	m D	2750	2750	2750	2750	6.5***		 	
	SENTRA GXE 4-DOOR SEDAN		 							

with 155R13 tire (GENERAL)

^{**} with 175/70R13 tire (MICHELIN)

*** with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

**** The figures and numbers in the place of the mark x are variable according to lot number and production date.

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E.O. # A-15-199 17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 2 Manufacturer: NISSAN MOTOR CO., LDT. Engine Family: NNS1.6V5FAA3 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2 Emission Control Sys. (Use SAE Abbrv.) TWC/02S/EGR/SMPI Engine: Front X Mid. ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT | Ign. System| EGR Valve| Catalyst |(If Coded see |Type |Test | or Code DPA |Weight| | attachment) Part No. | Part No | Part No. 6.1**ISENTRA SE 12-DOOR SEDAN 6.5*** Control Unit | |EGR Valve| FxxxG, A11-C14 (JECS), |AEY77-45 | Axxx1, 2750 I M5 AG16DCM2 6.2*| FxxxJ, JA11 C24 (AUTECS) FxxxD, NX 1600 | FxxxE (with T-bar

| roof)

Issue Date: 02/16/91

with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

with 175/70R13 tire (MICHELIN) **

with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

The figures and numbers in the place of the mark x are variable according to lot number and production date.

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Total 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 3 Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel Eng.Type In-line 4,DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2 Emission Control Sys. (Use SAE Abbrv.) TWC/02S/EGR/SMPI Engine Front X Mid. Rear Drive: FWD X 4WD-FT 4WD-PT								
Code	Vehicle Models (If Coded see attachment)	Type	lTest l	or DPA	Ign. System (ECU) Part No.	 -	**** 	
•	 SENTRA E 4-DOOR SEDAN 		2625	6.1** 6.5***	 Control	 FGR Valva	 FyyyG	
Ì	SENTRA XE 4-DOOR SEDAN 	 - M5	 2750 		Unit	AEY77-45 	Axxx1,	
ĺ	 SENTRA XE 2-DOOR SEDAN			6.1** 6.5***	(AUTECS)	 		
	SENTRA GXE 14-DOOR SEDAN		2750			 		

with 155R13 tire (GENERAL) with 175/70R13 tire (MICHELIN)

with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)
The figures and numbers in the place of the mark x are variable according to lot number and production date.

E.O. # A-15-199 17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 4 Manufacturer: NISSAN MOTOR CO., LDT. Engine Family: NNS1.6V5FAA3 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2 Emission Control Sys. (Use SAE Abbrv.) TWC/02S/EGR/SMPI Engine: Front X Mid. ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT | Ign. System| EGR Valve| Catalyst| |Engine | | Vehicle Models | Trans. | Equiv. | RLHP | (If Coded see | Type | Test | (ECU) or Code |Weight| DPA attachment) Part No. | Part No | Part No. 6.1** SENTRA SE 1 2625 | 6.5*** Control FxxxG. 12-DOOR SEDAN | -| Unit |EGR Valve| Axxxl. A11-C14 |AEY77-45| FxxxJ, M5 BG16DCM2|NX 1600 (JECS), FxxxD, FxxxE JA11 C24 |NX 1600 (AUTECS) 2750 1 (with T-bar

Issue Date: 02/16/91

^{*} with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

^{**} with 175/70R13 tire (MICHELIN)

^{***} with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

^{****} The figures and numbers in the place of the mark x are variable according to lot number and production date.

E.O. # A-15-199 17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 5 Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel Eng. Type: In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2 Emission Control Sys. (Use SAE Abbrv.) TWC/02S/EGR/SMPI Rear Drive:FWD X RWD ___ 4WD-FT ___ 4WD-PT ___ Engine:Front X Mid. | Ign. System| EGR Valve| Catalyst| |(If Coded see |Type |Test | or (ECU) | Code |Weight| DPA attachment) | Part No. | Part No |Part No.| |SENTRA E 12-DOOR SEDAN 1 2750] AG16DCA1 | -----5.6*Control |EGR Valve| FxxxG, ISENTRA E | Unit | AEY77-45 | Axxx1, 6.1** 4-DOOR SEDAN | L3 | FxxxJ, 6.5*** A11-C17 (JECS), FxxxD, | JA11 C27 FxxxE 2625 ISENTRA E | (AUTECS) 12-DOOR SEDAN |BG16DCA1|-----ISENTRA E 2750

4-DOOR SEDAN

Issue Date: 02/16/91

^{*} with 155R13 tire (GENERAL)

^{**} with 175/70R13 tire (MICHELIN)

^{***} with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

^{****} The figures and numbers in the place of the mark x are variable according to lot number and production date.

E.O. # A-15-199 17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 6 Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2 Emission Control Sys. (Use SAE Abbrv.) TWC/02S/EGR/SMPI Engine:Front X Mid. ___ Rear ___ Drive: FWD X RWD ___ 4WD-FT ___ 4WD-PT __ | Ign. System | EGR Valve | Catalyst | RLHP |Engine |Vehicle Models|Trans.|Equiv.| |(If Coded see |Type |Test | (ECU) Code or DPA | attachment) | |Weight| Part No. | Part No | Part No. SENTRA XE 14-DOOR SEDAN |Control | EGR Valve| FxxxG, Unit | AEY77-45 | Axxx1. A11-C16 FxxxJ. SENTRA XE (JECS), |] FxxxD, 12-DOOR SEDAN JA11 C26 | FxxxE 2750 l 6.1*(AUTECS) AG16DCA2|-----| L4 6.5** SENTRA GXE 14-DOOR SEDAN ISENTRA SE

12-DOOR SEDAN

Issue Date: 02/16/91

^{*} with 175/70R13 tire (MICHELIN)

^{**} with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

^{***} The figures and numbers in the place of the mark x are variable according to lot number and production date.

17.11.01	1992 AIR RESOU	RCES BO	ARD SUPI	PLEMENTAL DAT	ΓA SHEET	# A-15-19	<u>99</u>		
Manufacturer: NISSAN HOTOR CO., LTD. Engine Family: NNS1.6V5FAA3									
Passenger	Cars X Light	-Duty Tr	ucks	Medium-Dut	ty Vehicles_	GasX	Diesel		
	Eng. Type <u>In-line 4, DOH</u> C Liter (CID) <u>1.6 (97.5)</u> Evap. Family <u>FI4-</u> 2 Emission Control Sys. (Use SAE Abbrv.) TWC/O2S/EGR/SMPI								
Engine:Fr	ont <u>X</u> Mid	Rear		Orive: FWD _	X RWD	4WD-FT	4WD-PT _		
l Code	 Vehicle Models (If Coded see attachment)	Туре	Test	or DPA	l (ECU) I		**		
 AG16DCA2 			2750			EGR Valve AEY77-45	FxxxG, I Axxx1,		

^{*} with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)

^{**} The figures and numbers in the place of the mark x are variable according to lot number and production date.

E.O. # A-15-199 17.11.01 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 8 Manufacturer: NISSAN MOTOR CO., LTD. Engine Family: NNS1.6V5FAA3 Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel Eng. Type In-line 4, DOHC Liter (CID) 1.6 (97.5) Evap. Family FI4-2 Emission Control Sys. (Use SAE Abbrv.) TWC/02S/EGR/SMPI Engine: Front X Mid. Rear Drive: FWD X RWD 4WD-FT 4WD-PT | Ign. System|EGR Valve|Catalyst| |Engine |Vehicle Models|Trans.|Equiv.| RLHP |(If Coded see |Type |Test | Code or | (ECU) | DPA attachment) |Weight| Part No. | Part No | Part No. | ISENTRA XE |4-DOOR SEDAN |Control |SENTRA XE Unit FxxxG, BG16DCA2|2-DOOR SEDAN L4 2750 I 6.1* | All-Cl6 | EGR Valve| Fxxxl, 6.5**(JECS), |AEY77-45 | FxxxJ, |SENTRA GXE JA11 C26 FxxxD, 14-DOOR SEDAN (AUTECS) FxxxE ISENTRA SE

12-DOOR SEDAN

Issue Date: 02/16/91

[#] with 175/70R13 tire (MICHELIN)

^{**} with 175/70R13 tire (TOYO, B.S., YOKOHAMA, DUNLOP)

^{***} The figures and numbers in the place of the mark x are variable according to lot number and production date.

17.11.01	19 <u>92</u> AIR RESOUR	CES BOA	RD SUPP	LEMENTAL DAT	A SHEET	# <u>A-15-199</u> e9	
	rer: NISSAN MOTO						Diesel
	Cars_X_Light- In-line 4, DOHO						. ** • • • • • • • • • • • • • • • • • •
	Control Sys. (Us					AND EM	AUD_DT
	ront <u>X</u> Mid.	_	i - I				
 Engine Code		Туре	llest	or	(ECU)		
 		i 	 			Part No	
GB16DCA2	NX 1600	 L4	 2750 	6.2≉		 EGR Valve AEY77-45	
1 	NX 1600 (with T-bar roof)		i i !		(JECS)		FxxxD, FxxxE

with 175/70R13 tire (B.S., TOYO, YOKOHAMA, DUNLOP)
 The figures and numbers in the place of the mark x are variable according to lot number and production date.