

GENERAL INFORMATION

GI

SECTION **GI**

APPLIED FROM:

For Europe: • JN1BCAN15U0100001 •
• JN1BAAN15U0100001 •
• JN1BFAN15U0100001 •
• JN1FCAN15U0100001 •
• JN1FAAN15U0100001 •
• JN1FFAN15U0100001 •
• JN1ECAN15U0100001 • AND • JN1ECAN15U0515001 •
• JN1EAAN15U0100001 • AND • JN1EAAN15U0530001 •
• JN1EFAN15U0100001 • AND • JN1EFAN15U0503001 •
• JN1EEAN15U0100001 • AND • JN1EEAN15U0500101 •

OUTLINE OF MODIFICATIONS:

Engine

- SR20DE engine has been added to the 3-door Hatchback models.
- The CD20 diesel engine has been replaced by the CD20E diesel engine that is controlled with an electronic concentrated engine control system (ECCS-D).
- NATS V2.0 (Nissan Anti-Theft System) has been adopted to the CD20E diesel engine models.

Body

- A super lock system has been adopted.

CONTENTS

PRECAUTIONS	2	CONSULT CHECKING SYSTEM	4
Precautions for NATS V2.0	2	Function and System Application.....	4
Precautions for Super Lock System.....	2	Checking Equipment	4
HOW TO READ WIRING DIAGRAMS	3	IDENTIFICATION INFORMATION	5
Wiring Diagram Codes (Cell Codes).....	3	Model Variation.....	5
		Identification Number.....	7

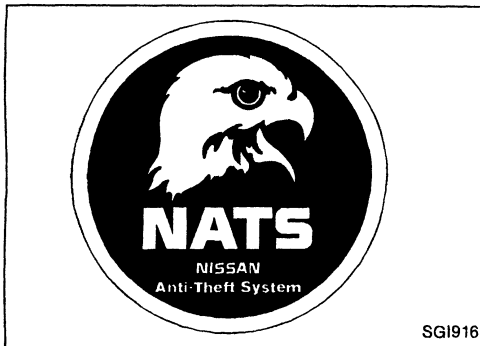
PRECAUTIONS

Precautions for NATS V2.0

NATS (Nissan Anti-Theft System)

NATS V2.0 will immobilize the engine if someone tries to start it without the registered key of NATS V2.0.

Both of the originally supplied ignition key IDs have been NATS registered.



The NATS security indicator is located on the instrument panel. The indicator blinks when the ignition switch is in "OFF" or "ACC" position. Therefore, NATS warns outsiders that the vehicle is equipped with the anti-theft system.

- When NATS detects trouble, the malfunction indicator lamp (MIL) blinks.

This blinking indicates that the anti-theft is not functioning, so prompt service is required.

- When servicing NATS (trouble diagnoses, system initialisation and additional registration of other NATS ignition key IDs), CONSULT hardware and CONSULT NATS software is necessary.

Regarding the procedures of NATS initialisation and NATS ignition key ID registration, refer to CONSULT operation manual, NATS V2.0.

Therefore, CONSULT NATS software (program card and operation manual) must be kept strictly confidential to maintain the integrity of the anti-theft function.

- When servicing NATS V2.0 (trouble diagnoses, system initialisation and additional registration of other NATS ignition key IDs), it may be necessary to re-register original key identification. Therefore, be sure to receive all keys from vehicle owner.

A maximum of four key IDs can be registered into NATS.

- When failing to start the engine first-time using the key of NATS V2.0, start as follows.
 - (1) Leave the ignition key in "ON" position for approximately five seconds.
 - (2) Turn ignition key to "OFF".
 - (3) Wait approximately five seconds.
 - (4) Turn ignition key to "START" again while keeping the key apart from any others on key-chain.

Precautions for Super Lock System

Locking the driver's or front passenger's door with the key will lock all doors and activate the Super Lock System. The Super Lock System is designed to prevent theft as it can be released when a front door is unlocked using a key.

This means, none of the doors can be operated from the inside using the door lock knob.

HOW TO READ WIRING DIAGRAMS

Wiring Diagram Codes (Cell Codes)

Use the chart below to find out what each wiring diagram code stands for.

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Code	Section	Wiring Diagram Name
AAC/V	EC	IACV-AAC Valve
ABS	BR	Anti-lock Brake System
ACL/SW	EC	Accelerator Position Switch
ADJRES	EC	Adjustment Resistor
A/C	HA	Manual Air Conditioner
A/CCUT	EC	Air Conditioner Cut Control
ACC/SW	EC	Accelerator Switch (FC)
AIM	EL	Headlamp Aiming Control
APS	EC	Accelerator Position Sensor
BACK/L	EL	Back-up Lamp
BUZZER	EL	Warning Buzzer
CHARGE	EL	Charging System
CKPS	EC	Crankshaft Position Sensor
CMPS	EC	Camshaft Position Sensor
COOL/F	EC	Cooling Fan Control
CSPS	EC	Control Sleeve Position Sensor
DTRL	EL	Headlamp — With Daytime Light System
D/LOCK	EL	Power Door Lock
ECTS	EC	Engine Coolant Temperature Sensor
EGRC/V	EC	EGR and Canister Control Solenoid Valve
FCUT	EC	Fuel Cut Solenoid Valve
F/FOG	EL	Front Fog Lamp
FICD	EC	IACV-FICD Solenoid Valve
F/PUMP	EC	Fuel Pump
FTS	EC	Fuel Temperature Sensor
GLOW	EC	Glow Control System
GOVNR	EC	Electric Governor
HO2S	EC	Heated Oxygen Sensor
IGN/SG	EC	Ignition Signal
ILL	EL	Illumination
INJECT	EC	Injector
KS	EC	Knock Sensor
LOAD	EC	Load Signal
MAFS	EC	Mass Air Flow Sensor
MAIN	EC	Main Power Supply and Ground Circuit

Code	Section	Wiring Diagram Name
METER	EL	Speedometer, Tachometer, Temp. and Fuel Gauges
MIL	EC	MIL, Data Link Connector For CONSULT
NATS	EL	Nissan Anti-Theft System
NLS	EC	Needle Lift Sensor
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve
PNP/SW	EC	Park/Neutral Position Switch
POWER	EL	Power Supply Routing
PST/SW	EC	Power Steering Oil Pressure Switch
R/FOG	EL	Rear Fog Lamp
SRS	RS	Supplemental Restraint System
S/LOCK	EL	Power Door Lock — Super Lock
S/SIG	EC	Start Signal
START	EL	Starting System
STOP/L	EL	Stop Lamp
TAIL/L	EL	Clearance, License and Tail Lamps
TCV	EC	Injection Timing Control Valve
TPS	EC	Throttle Position Sensor
VSS	EC	Vehicle Speed Sensor
WARN	EL	Warning Lamps
WINDOW	EL	Power Window

CONSULT CHECKING SYSTEM

Function and System Application

Diagnostic test mode	Function	ECCS	Air bag	ABS	NATS*1
Work support	This mode enables a technician to adjust some devices faster and more accurately by following the indications on CONSULT.	× *2	—	—	—
Self-diagnostic results	Self-diagnostic results can be read and erased quickly.	×	×	×	×
ECU discriminated No.	Classification number of a replacement ECU can be read to prevent an incorrect ECU from being installed.	—	×	—	—
Data monitor	Input/Output data in the ECM can be read.	×	—	×	—
Active test	Diagnostic Test Mode in which CONSULT drives some actuators apart from the ECMs and also shifts some parameters in a specified range.	×	—	×	—
ECM part number	ECM part number can be read.	×	—	×	—
Function test	Conducted by CONSULT instead of a technician to determine whether each system is "OK" or "NG".	× *2	—	—	—
Control unit initialisation	All registered ignition key IDs in NATS components can be initialised and new IDs can be registered.	—	—	—	×
Self-function check	ECM checks its own NATS communication interface.	—	—	—	×

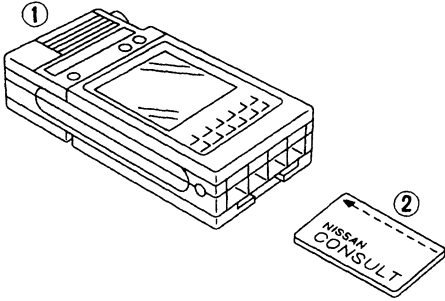
× : Applicable

*1: NATS: Nissan Anti-Theft System

*2: Not available for diesel engine model

Checking Equipment

When ordering the below equipment, contact your NISSAN distributor.

Tool name	Description
NISSAN CONSULT ① CONSULT unit and accessories ② Program card (EE 940) (EE960)*1, (NATS-E940)*2	 NT004

*1: Regarding diesel engine model a revised program card (EE960 released in the middle of 1996) will be applicable to this system.

*2: An order for NATS program card must be placed only with NISSAN EUROPE N.V.

IDENTIFICATION INFORMATION

Model Variation

For Europe LHD

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		Europe LHD				
Engine		GA14DE	GA16DE		SR20DE	CD20E
Transaxle		5F	5F	AT	5F	5F
		RS5F30A	RS5F31A	RL4F03A	RS5F32A	RS5F31A
4-door Sedan	L	BAVALBF-EGA				
	LX	BAVALDF-EGA	BAYALDF-EGA	BAYALDA-EGA		BVCALDF-NGA
	SLX	BAVALFF-EGA	BAYALFF-EGA	BAYALFA-EGA		BVCALFF-NGA
	SR		BAYALQF-EGA			
3-door Hatchback	L	EAVALBF-EGA				
	LX	EAVALDF-EGA	EAYALDF-EGA	EAYALDA-EGA		EVCALDF-NGA
	SLX	EAVALFF-EGA	EAYALFF-EGA	EAYALFA-EGA		EVCALFF-NGA
	SR	EAVALQF-EGA	EAYALQF-EGA			
	GTI				EBYALUF-EGA	
5-door Hatchback	L	FAVALBF-EGA				
	LX	FAVALDF-EGA	FAYALDF-EGA	FAYALDA-EGA		FVCALDF-NGA
	SLX	FAVALFF-EGA	FAYALFF-EGA	FAYALFA-EGA		FVCALFF-NGA
	SR	FAVALQF-EGA	FAYALQF-EGA			

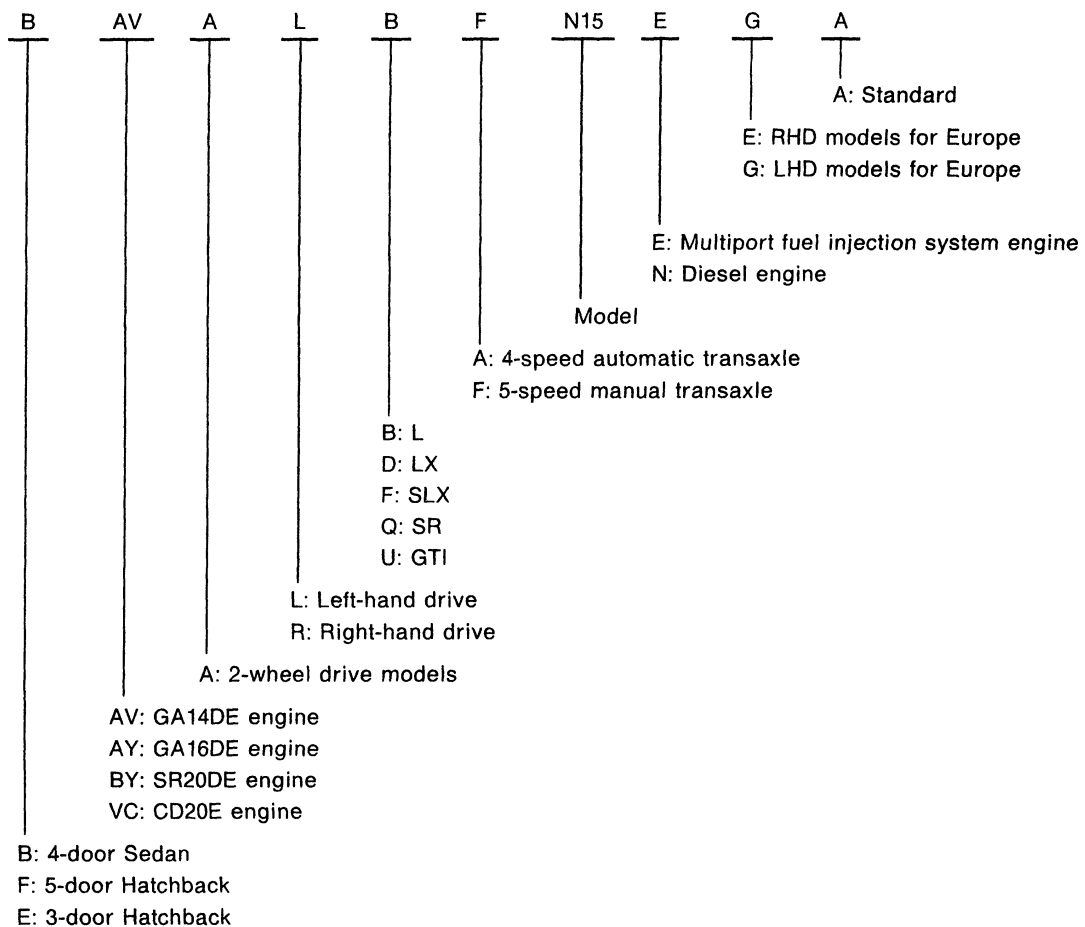
For Europe RHD

		Europe RHD				
Engine		GA14DE	GA16DE		SR20DE	CD20E
Transaxle		5F	5F	AT	5F	5F
		RS5F30A	RS5F31A	RL4F03A	RS5F32A	RS5F31A
4-door Sedan	L	BAVARBF-EEA				
	LX	BAVARDF-EEA	BAYARDF-EEA	BAYARDA-EEA		BVCARDF-NEA
	SLX	BAVARFF-EEA	BAYARFF-EEA	BAYARFA-EEA		BVCARFF-NEA
	SR		BAYARQF-EEA			
3-door Hatchback	L	EAVARBF-EEA				
	LX	EAVARDF-EEA				
	SLX	EAVARFF-EEA	EAYARFF-EEA	EAYARFA-EEA		
	SR	EAVARQF-EEA	EAYARQF-EEA			
	GTI				EBYARUF-EEA	
5-door Hatchback	L	FAVARBF-EEA				
	LX	FAVARDF-EEA	FAYARDF-EEA	FAYARDA-EEA		FVCARDF-NEA
	SLX	FAVARFF-EEA	FAYARFF-EEA	FAYARFA-EEA		FVCARFF-NEA
	SR	FAVARQF-EEA	FAYARQF-EEA			

IDENTIFICATION INFORMATION

Model Variation (Cont'd)

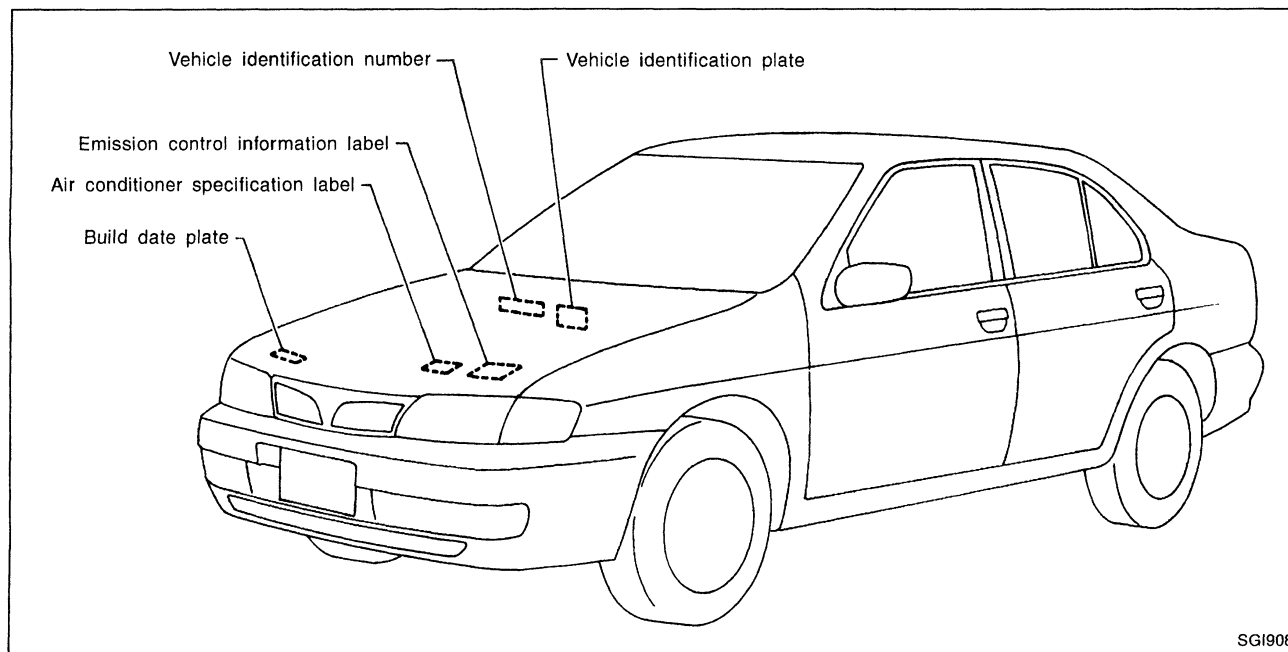
Prefix and suffix designations:



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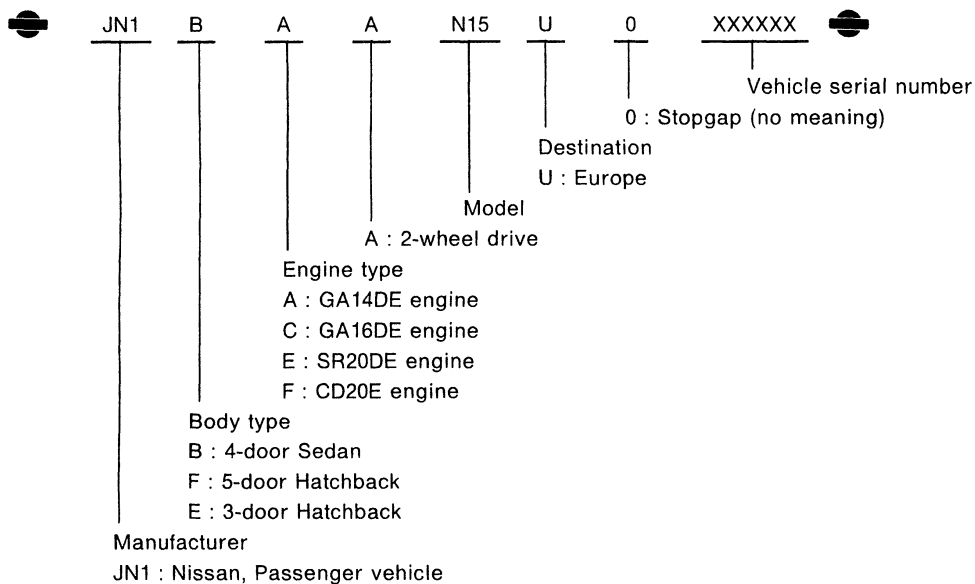
Identification Number

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VEHICLE IDENTIFICATION NUMBER ARRANGEMENT

For Europe



IDENTIFICATION INFORMATION

Identification Number (Cont'd)

ENGINE SERIAL NUMBER

