

SECTION **GI**

CONTENTS

CONSULT-II CHECKING SYSTEM	5002	CONSULT-II Data Link Connector (DLC)	
Function and System Application	5002	Circuit	5003
Nickel Metal Hydride Battery Replacement.....	5002	Model Variation	5004
Checking Equipment.....	5003	Identification Number	5006

This modification has been included in production starting with the following vehicle identification numbers (Chassis number):

For Israel

- JN1CPGD224X560201 ●
- JN1CPUD224X570401 ●

For Europe

- JN1APGD22U0056701 ●
- JN1APUD22U0037101 ●
- JN1BPGD22U0033201 ●
- JN1BPUD22U0090001 ●
- JN1CPGD22U0048001 ●
- JN1CPUD22U0088401 ●
- JN1ADGD22U0021601 ●
- JN1BDGD22U0031601 ●
- JN1BDUD22U0031801 ●
- JN1CDUD22U0031701 ●

CONSULT-II CHECKING SYSTEM

Function and System Application

Diagnostic test mode	Function	ENGINE	A/T	ABS	AIR BAG
Work support	This mode enables a technician to adjust some devices faster and more accurate by following the indications on CONSULT-II.	x	x	—	—
Self-diagnostic results	Self-diagnostic results can be read and erased quickly.	x	x	x	x
Trouble diagnostic record	Current self-diagnostic results and all trouble diagnostic records previously stored can be read.	—	—	—	x
ECU discriminated No.	Classification number of a replacement ECU can be read to prevent an incorrect ECU from being installed.	—	—	—	x
Data monitor	Input/Output data in the ECU (ECM) can be read.	x	x	x	—
DTC work support	This mode enables a technician to set operating conditions to confirm self-diagnosis status/results.	—	x	—	—
Active test	Diagnostic Test Mode in which CONSULT-II drives some actuators apart from the ECMs and also shifts some parameters in a specified range.	x	—	x	—
ECU (ECM) part number	ECU (ECM) part number can be read.	x	x	x	—
Function test	Conducted by CONSULT-II instead of a technician to determine whether each system is "OK" or "NG" (No Good).	x	x	x	x

x: Applicable

Nickel Metal Hydride Battery Replacement

CONSULT-II contains a nickel metal hydride battery. When replacing the battery obey the following:

WARNING:

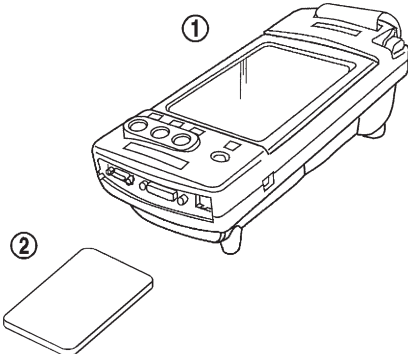
Replace the nickel metal hydride battery with Genuine CONSULT-II battery only. Use of another battery may present a risk of fire or explosion. The battery may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble or dispose of in fire.

Keep the battery out of reach of children and discard used battery conforming to the local regulations.

CONSULT-II CHECKING SYSTEM

Checking Equipment

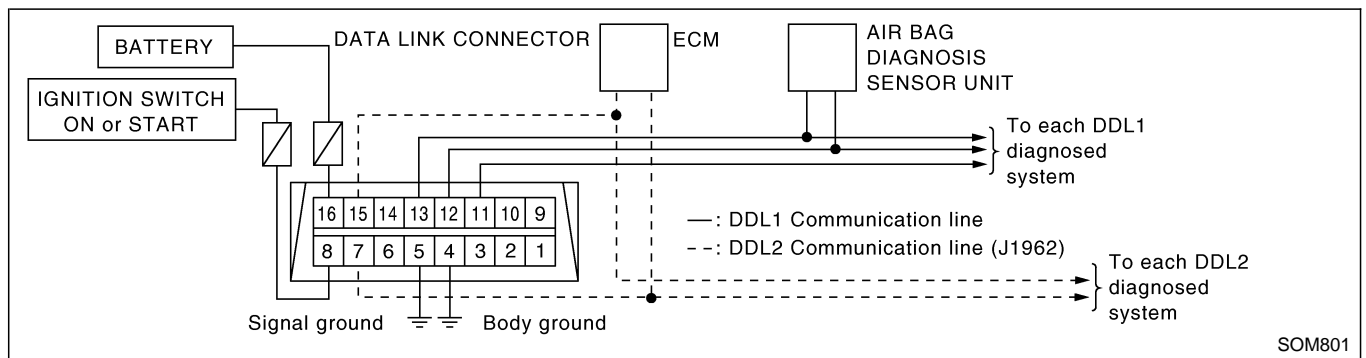
When ordering the below equipment, contact your NISSAN distributor.

Tool name	Description
NISSAN CONSULT-II ① CONSULT-II unit (Tester internal soft: Resident version 3.3.0) and accessories ② Program card AED01C for diagnostic, AEN00A/00B for NATS. To confirm the best combination of those softwares, refer to CONSULT-II Operation Manual.	 <p style="text-align: right;">SGI083A</p>

NOTE:

- The CONSULT-II must be used in conjunction with a program card. CONSULT-II does not require loading (Initialization) procedure.
- Be sure the CONSULT-II is turned off before installing or removing a program card.

CONSULT-II Data Link Connector (DLC) Circuit



INSPECTION PROCEDURE

If the CONSULT-II cannot diagnose the system properly, check the following items.

Symptom	Check item
CONSULT-II cannot access any system.	<ul style="list-style-type: none"> ● CONSULT-II DLC power supply circuit (Terminal 8) and ground circuit (Terminal 4) (For detailed circuit, refer to EC section "MIL & Data Link Connectors".) ● CONSULT-II DDL cable
CONSULT-II cannot access individual system. (Other systems can be accessed.)	<ul style="list-style-type: none"> ● CONSULT-II program card (Check the appropriate CONSULT-II program card for the system. Refer to "Checking Equipment" above.) ● Power supply and ground circuit for the control unit of the system (For detailed circuit, refer to wiring diagram for each system.) ● Open or short circuit between the system and CONSULT-II DLC (For detailed circuit, refer to wiring diagram for each system.)

IDENTIFICATION INFORMATION CONSULT-II CHECKING SYSTEM

Model Variation

PICKUP (2WD)

Destination	Class		Grade	Model			Engine	Transmission	Differential carrier		
	Cab	Wheelbase		LH drive	RH drive	Transfer					
Europe	Single Cab	Long	STD	ABGGLCFD22EQL	—	KA24DE	FS5W71C	C200			
				AVLGLCFD22UQL	—		YD25DDTi		FS5R30A		
			King Cab	Long	DX	ABGGLDFD22EQL	—	KA24DE	FS5W71C	C200	
						AVLGLDFD22UQL	—		YD25DDTi		FS5R30A
					4WD appearance	Long	BBGGLDFD22EQN	—	KA24DE		FS5W71C
							BVLGLDFD22UQN	—			YD25DDTi
	Double Cab	Long	ST	BVLGLEFD22UQG	—	YD25DDTi	FS5R30A				
			DX	CVLGLDFD22UQN	—						
	4WD appearance	Long	ST	CVLGLEFD22UQG	—	YD25DDTi	FS5R30A				
			DX	CVLGLDFD22UQN	—						

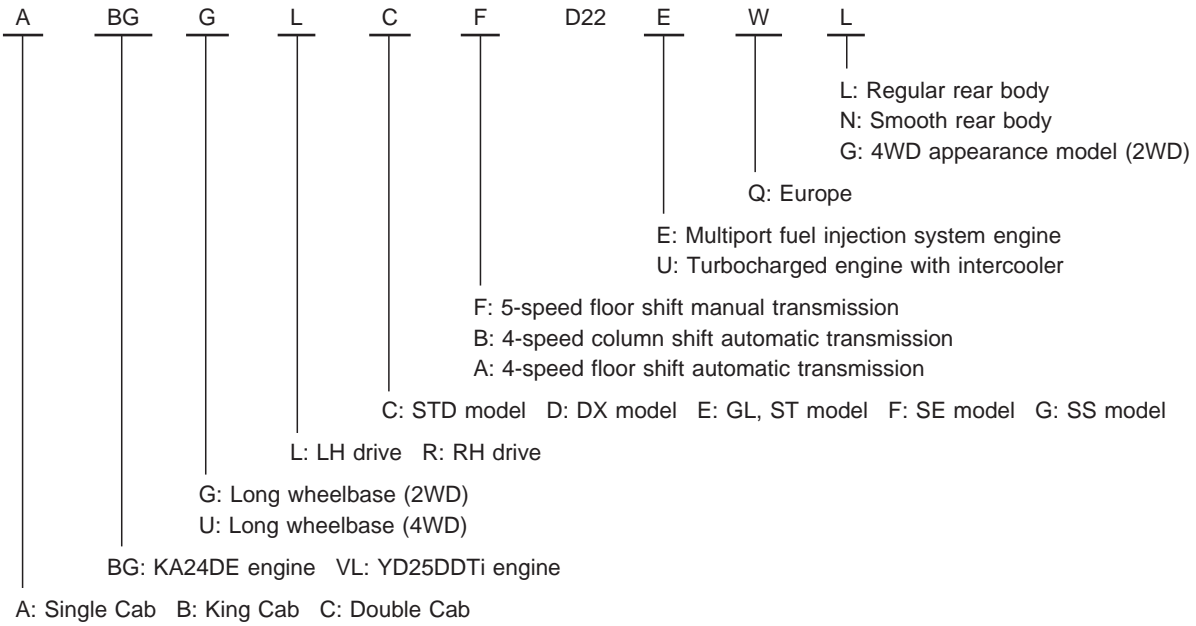
PICKUP (4WD)

Destination	Class		Grade	Model			Engine	Transmission	Differential carrier		Transfer		
	Cab	Wheelbase		LH drive	RH drive	Front			Rear				
Europe	Single Cab	Long	STD	AVLULCFD22UQL	AVLURCFD22UQL	YD25DDTi	FS5R30A	R180	C200	TX10			
				AVLULDFD22UQL	AVLURDFD22UQL		KA24DE				FS5W71C		
			King Cab	Long	DX	BBGULDFD22EQN	—	YD25DDTi	FS5R30A	R180	C200	TX10	
						BVLULDFD22UQN	BVLURDFD22UQN		KA24DE				FS5W71C
					4WD appearance	Long	BVLULEFD22UQN	BVLUREFD22UQN	YD25DDTi				FS5R30A
							BVLULFFD22UQN	BVLURFFD22UQN					KA24DE
	Double Cab	Long	DX	CVLULDFD22UQN	CVLURDFD22UQN	YD25DDTi	FS5R30A	R180	C200	TX10			
			ST	CVLULEFD22UQN	CVLUREFD22UQN								
	4WD appearance	Long	SE	CVLULFFD22UQN	CVLURFFD22UQN	YD25DDTi	FS5R30A	R180	C200	TX10			
			SS	CVLULGFD22UQN	CVLURGFD22UQN								

IDENTIFICATION INFORMATION CONSULT-II CHECKING SYSTEM

Model Variation (Cont'd)

Prefix and suffix designations (Pickup)



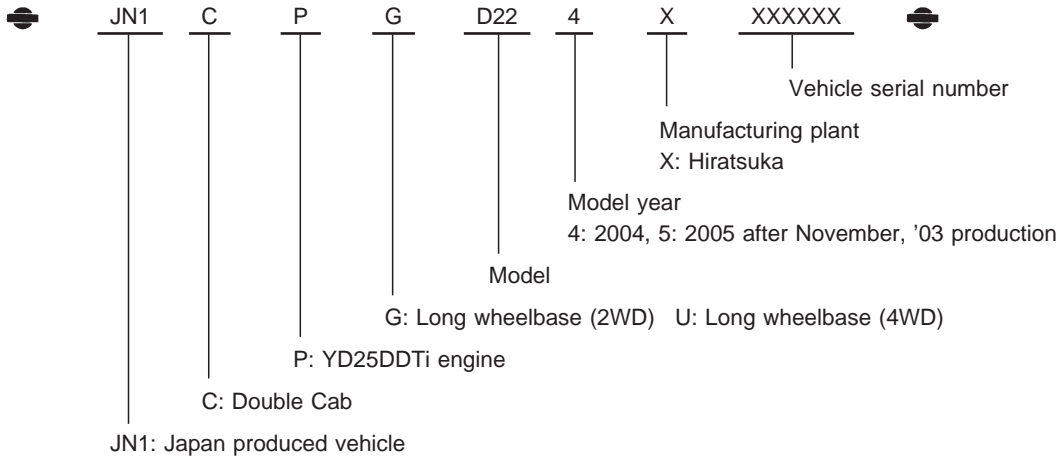
IDENTIFICATION INFORMATION CONSULT-II CHECKING SYSTEM

Identification Number

VEHICLE IDENTIFICATION NUMBER

Prefix and suffix designations

For Israel



For Europe

