

GENERAL INFORMATION

SECTION **GI**

OUTLINE OF MODIFICATIONS:

For Europe:

- TB48DE engine (cold area specification) has been adopted.
- 5-speed automatic transmission (RE5R05A) has been adopted on models with TB48DE engine.
- Exterior and interior design has been changed.
- Electronic throttle control actuator has been adopted on models with TB48DE engine.
- ASCD (Automatic Speed Control Device) has been adopted on models with TB48DE engine.
- Refrigerant pressure sensor on liquid tank has been adopted on models with TB48DE engine.

APPLIED FROM:

Wagon and Hardtop models

For Europe:

⚙ JN1TFSY61U0000001 ⚙

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CONSULT-II CHECKING SYSTEM

Function and System Application

Diagnostic test mode	Function	ENGINE	A/T	ABS	AIR BAG	NATS*1	SMART EN-TRANCE
Work support	This mode enables a technician to adjust some devices faster and more accurate by following the indications on CONSULT-II.	x*2	—	—	—	—	—
Self-diagnostic results	Self-diagnostic results can be read and erased quickly.	x	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	—	—	—
Control unit initialization	All registered ignition key IDs in NATS components can be initialized and new IDs can be registered.	—	—	—	—	x	—
Self-function check	ECM checks its own NATS communication interface.	—	—	—	—	x*3	—
DTC confirmation	The results of SRT (System Readiness Test) and the self-diagnosis status/results can be confirmed.	x*2	—	—	—	—	—
REMO CONT ID SET UP	A maximum of four IDs (identifications) can be registered in the memory using the remote controller. These IDs can be also be confirmed and erased as required.	—	—	—	—	—	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

*1: NATS (Nissan Anti-Theft System)

*2: Not available for diesel engine models.

*3: Except for ZD30DDTi engine models.

Nickel Metal Hydride Battery Replacement

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

WARNING:

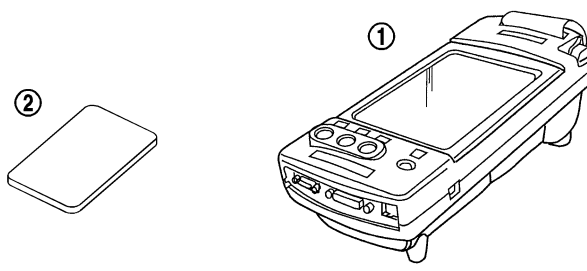
Replace the nickel metal hydride battery with Genuine CONSULT-II battery only. Use of another battery may present a risk of fire or explosion. The battery may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble or dispose of in fire.

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

CONSULT-II CHECKING SYSTEM

Checking Equipment

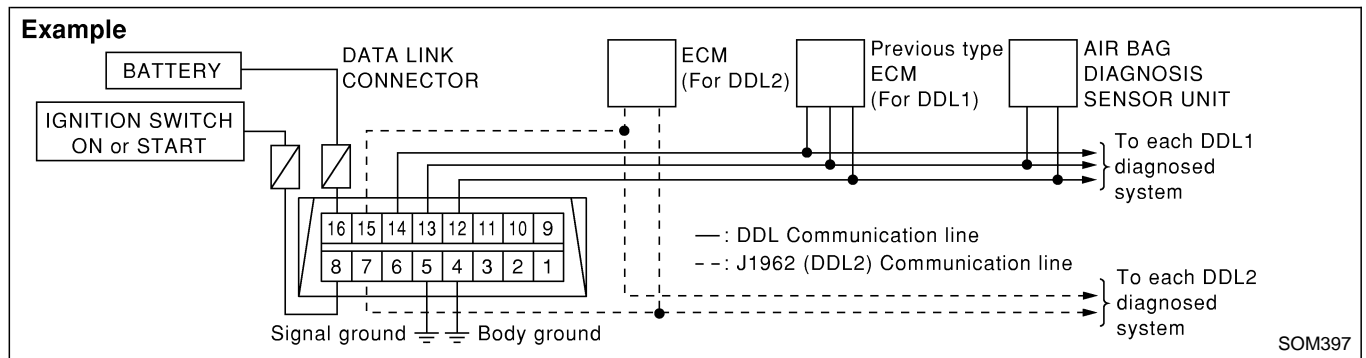
When ordering the below equipment, contact your NISSAN distributor.

Tool name	Description
NISSAN CONSULT-II ① CONSULT-II unit (Tester internal software: Resident version 3.3.0) and accessories ② Program card AED01C and AEN00B (For NATS) To confirm the best combination of those softwares, refer to CONSULT-II Operation Manual.	 SGI100A

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

Model Variation

WAGON AND HARTTOP MODELS

Destina- tion	Steering position	Engine	Model			Hardtop		Station Wagon			
			Rear seat arrangement			2nd seat		2nd center split bench seat			
						Forward facing	Side facing or Seatless	3rd seat			
			Seatless	Forward facing	Side facing						
			Front differential			H233B					
			Rear differential			H233B/H260					
Transmis- sion	Transfer	Grade									
Europe	RHD	ZD30DDTi	FS5R50B	TX12A	S	KWSSREFY61UEA	—	—	TWSSREFY61UEA	—	
			RE4R03A			—	—	—	TWSSREAY61UEA	—	
			FS5R50B		SE	KWSSRFFY61UEA	—	—	TWSSRFFY61UEA	—	
			RE4R03A			KWSSRFAY61UEA	—	—	TWSSRFAY61UEA	—	
			FS5R50B		SE	—	—	—	TWSSRHFY61UEA	—	
			RE4R03A			—	—	—	TWSSRHAY61UEA	—	
	LHD		FS5R50B		S	KWSSLEFY61UGA	KWSSLEFY61USP	TWSSLEFY61USP	TWSSLEFY61UGA	—	
			RE4R03A			—	—	—	TWSSLEAY61UGA	—	
			FS5R50B		SE	KWSSLFFY61UGA	—	—	TWSSLFFY61UGA	—	
			RE4R03A			—	—	—	TWSSLFFY61USA	—	
						KWSSLFAY61UGA	—	—	TWSSLFAY61UGA	—	
						—	—	—	TWSSLFAY61USA	—	
			FS5R50B		SE	—	—	—	TWSSLHFY61UGA	—	
			—			—	—	TWSSLHFY61USA	—		
		—	—	—		TWSSLHAY61UGA	—				
		—	—	—		TWSSLHAY61USA	—				
	TB48DE	RE5R05A	—	—	—	TGPSLHNY61ESA	—				

IDENTIFICATION INFORMATION

Model Variation (Cont'd)

Prefix and suffix designations

T	GN	S	L	A	F	Y61	S	R	A
									A: 3rd/2nd seat forward facing Q: 3rd/2nd seat side facing P: 3rd/2nd seat seatless
								R: Except for the Middle East and Europe K: Middle East E: RHD for Europe G: Central/South Europe S: North Europe	
							S: Carburetor engine E: Multiport fuel injection system engine N: Diesel engine U: Turbocharger engine		
					F: 5-speed floor shift manual transmission A: 4-speed floor shift automatic transmission N: 5-speed floor shift automatic transmission				
				A: S, STD, DX H: GRX, S-SAFARI, SE					
			L: LH drive R: RH drive						
		S: Long wheelbase (4WD)							
	GN: TB45S or TB45E engine WS: ZD30DDTi engine								
				VT: TD42 engine GP: TB48DE engine					
T: Station Wagon K: Hardtop									

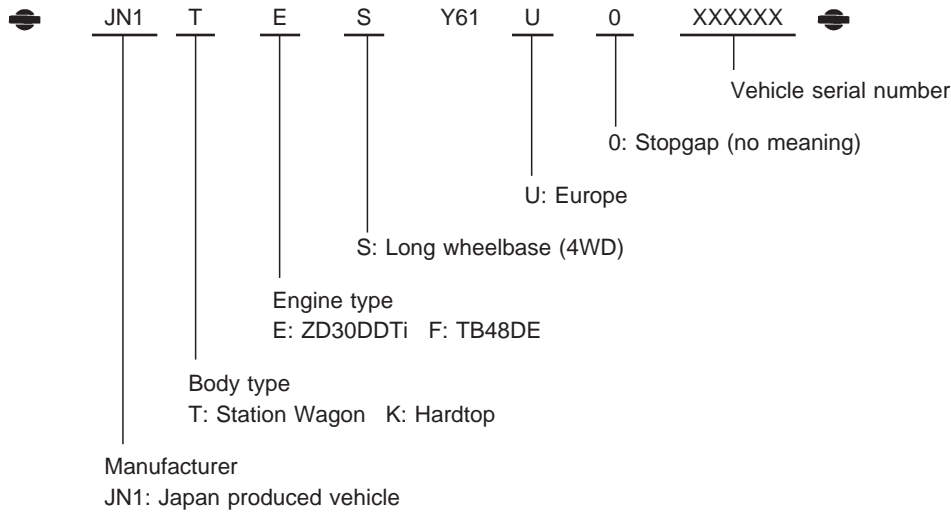
IDENTIFICATION INFORMATION

Identification Number

VEHICLE IDENTIFICATION NUMBER (Chassis number)

Prefix and suffix designations

For Europe (Except for Israel)



Dimensions

FOR EUROPE

		Wagon	Hardtop
Overall length	mm (in)	5,070 (199.6)*1	4,495 (177.0)*2
		5,065 (199.4)*2	4,450 (175.2)*3
		5,020 (197.6)*3	
Overall width	mm (in)	1,930 (76.0)*1, *2	1,930 (76.0)*2
		1,840 (72.4)*3	1,840 (72.4)*3
Overall height	mm (in)	1,855 (73.0)	1,840 (72.4)
Front tread	mm (in)	1,605 (63.2)*1, *2	1,605 (63.2)*2
		1,555 (61.2)*3	1,555 (61.2)*3
Rear tread	mm (in)	1,625 (64.0)*1, *2	1,625 (64.0)*2
		1,575 (62.0)*3	1,575 (62.0)*3
Wheelbase	mm (in)	2,970 (116.9)	2,400 (94.5)

*1: For models equipped with 275/70R16 tires

*2: For models equipped with 265/70R16 tires

*3: For models equipped with 235/80R16 tires