

# SECTION GI

**OUTLINE OF MODIFICATIONS:**

- Manual transmission gear ratio has been modified corresponding to the increase of ZD30DDTi engine horsepower for Europe.
- Navigation system has been adopted for Europe.

**APPLIED FROM:****Wagon and Hardtop models****For the Middle East:**

JN8BY15Y\*5X507001  
 JN6BY11Y\*5X507001  
 JN8CY15Y\*5X470001  
 JN6CY11Y\*5X470001  
 JN8BY14Y\*5X520001  
 JN8FY15Y\*5X540001

**For Europe:**

⚙ JN1TESY61U0140001 ⚙  
 ⚙ JN1KESY61U0140001 ⚙  
 ⚙ JN1TFSY61U0010001 ⚙

**For Israel:**

⚙ JN1TESY61\*5X806001 ⚙  
 ⚙ JN1KESY61\*5X806001 ⚙

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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	x*4	—	—	—	—
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.

\*4: RE4R03A models only

### Nickel Metal Hydride Battery Replacement

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

#### **WARNING:**

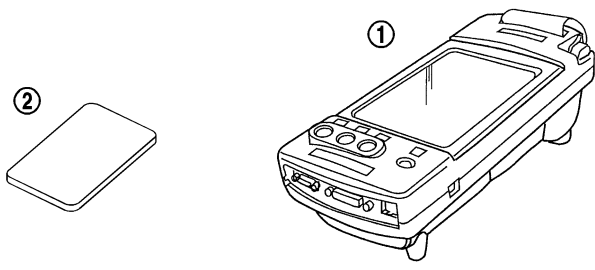
**Replace the nickel metal hydride battery with Genuine CONSULT-II battery only. Use of another battery may present a risk of fire or explosion. The battery may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble or dispose of in fire.**

**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.

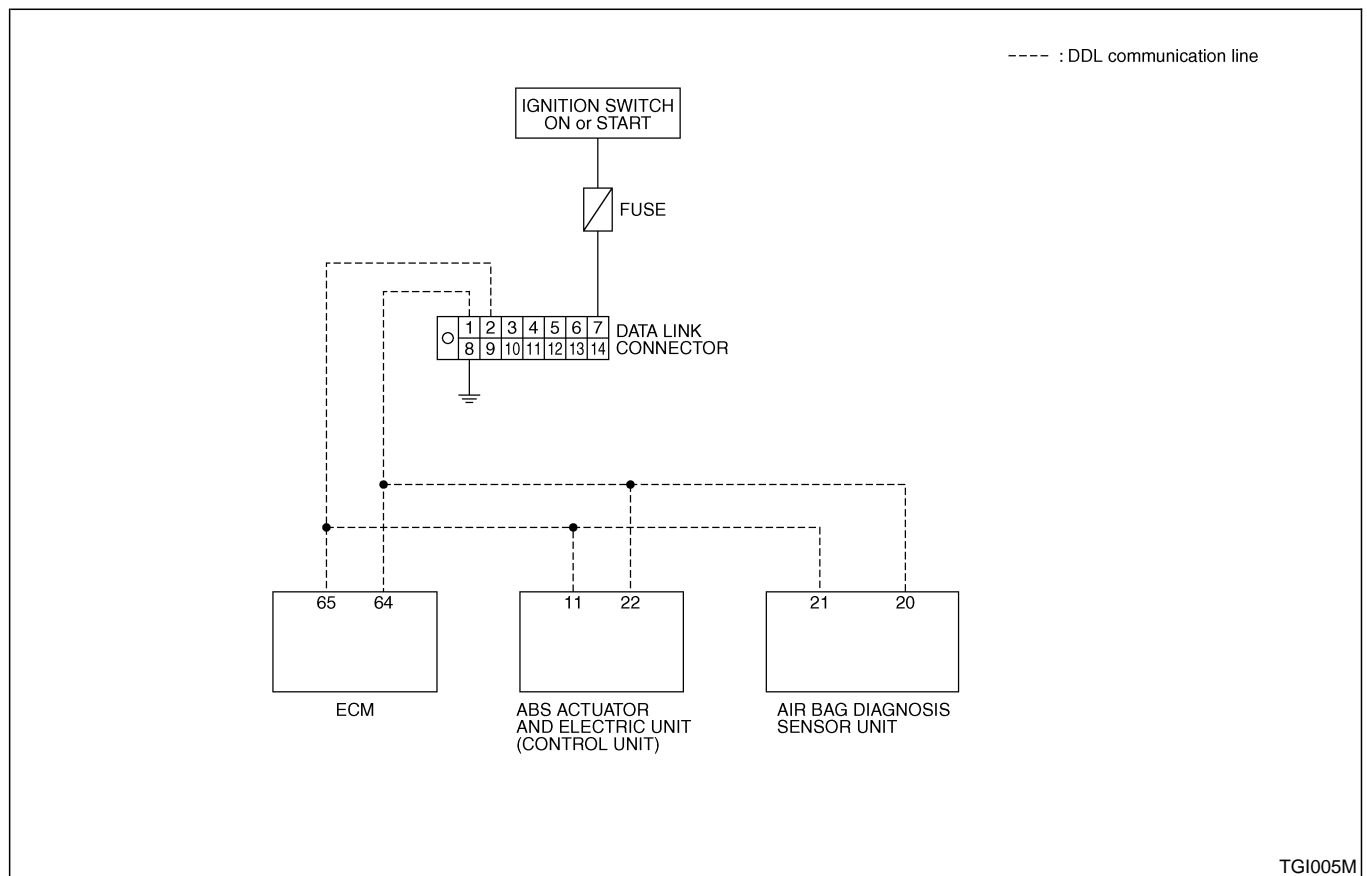
Tool name	Description
<b>NISSAN CONSULT-II</b> ① CONSULT-II unit (Tester internal software: Resident version 3.3.0) and accessories ② Program card AED01C and AEN00A or AEN00B (For NATS)	 SGI100A

### 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

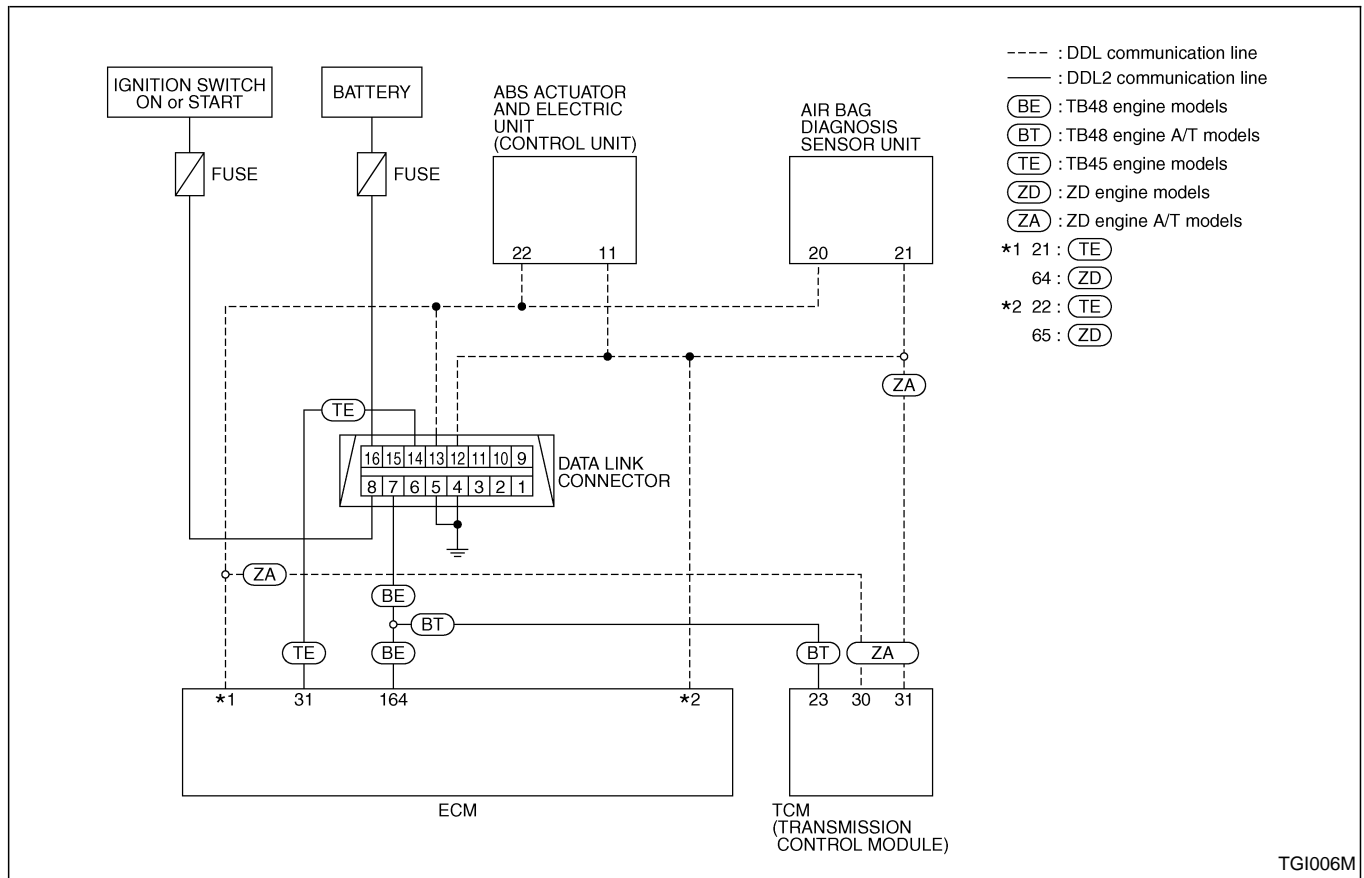
(For TD42Ti engine models and TD engine models with NATS)



## CONSULT-II CHECKING SYSTEM

### CONSULT-II Data Link Connector (DLC) Circuit (Cont'd)

(For ECM equipped models except TD42Ti engine and TD engine with NATS)



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

# IDENTIFICATION INFORMATION

## Model Variation

### WAGON AND HARDTOP MODELS

Destination	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							
Transmission	Transfer	Grade								
Middle East	LHD	TB45E	FS5R50B	TX12A	S	KGNSLAFY61EKA	KGNSLAFY61EKQ	—	—	TGNSLAFY61EKQ
					GL	KGNSLEFY61EKA	—	—	—	TGNSLEFY61EKQ
					SGL	—	—	—	TGNSLEFY61EKA	—
		SAFARI			KGNSLFFY61EKA	—	—	—	—	
		GL			—	—	—	—	TGPSLEFY61EKQ	
		SGL			—	—	—	TGPSLEFY61EKA	—	
		SAFARI			—	—	—	TGPSLFFY61EKA	—	
		S-SAFARI			—	—	—	TGPSLHFY61EKA	—	
		GL			—	—	—	—	TGPSLENY61EKQ	
		SGL	—	—	—	TGPSLENY61EKA	—			
		SAFARI	—	—	—	TGPSLFNY61EKA	—			
		S-SAFARI	—	—	—	TGPSLHNY61EKA	—			
		TD42	FS5R50B	TX12A	S	—	—	—	—	TVTSLAFY61NKQ
					GL	—	—	—	—	TVTSLEFY61NKQ
					SGL	—	—	—	—	TVTSLEFY61NKA
Europe	RHD	ZD30DDTi	FS5R50B	TX12A	S	KWSSREFY61UEA	—	—	TWSSREFY61UEA	—
			FS5R50B		SE	KWSSRFFY61UEA	—	—	TWSSRFFY61UEA	—
			RE4R03A			KWSSRFAY61UEA	—	—	TWSSRFAY61UEA	—
			FS5R50B		SE	—	—	—	TWSSRHFY61UEA	—
			RE4R03A			—	—	—	TWSSRHAY61UEA	—
	FS5R50B		S		KWSSLEFY61UGA	KWSSLEFY61USP	—	TWSSLEFY61UGA	—	
	LHD		FS5R50B		SE	KWSSLFFY61UGA	—	—	TWSSLFFY61UGA	—
			—			—	—	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	E	K	A
									A: 3rd/2nd seat forward facing Q: 3rd/2nd seat side facing P: 3rd/2nd seat seatless
								K: Middle East E: RHD for Europe G: Central/South Europe S: North Europe	
							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							
	GN: TB45E engine WS: ZD30DDTi engine	VT: TD42 engine							
		GP: TB48DE engine							

T: Station Wagon

K: Hardtop

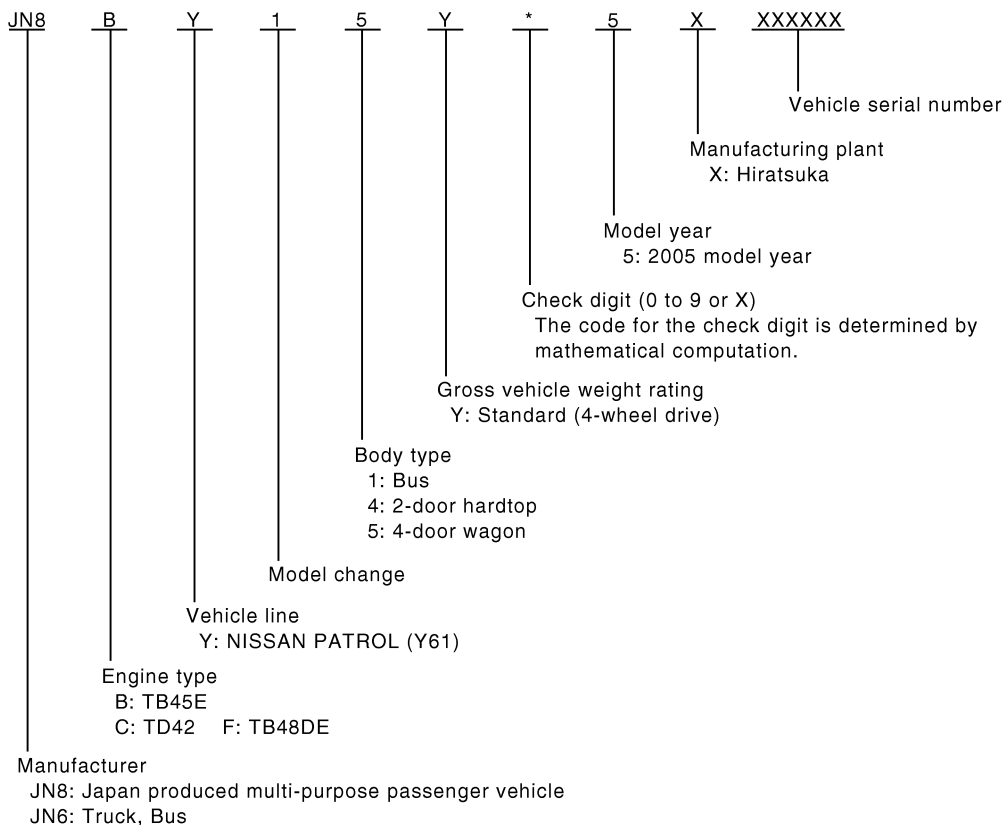
# IDENTIFICATION INFORMATION

## Identification Number

### VEHICLE IDENTIFICATION NUMBER (Chassis number)

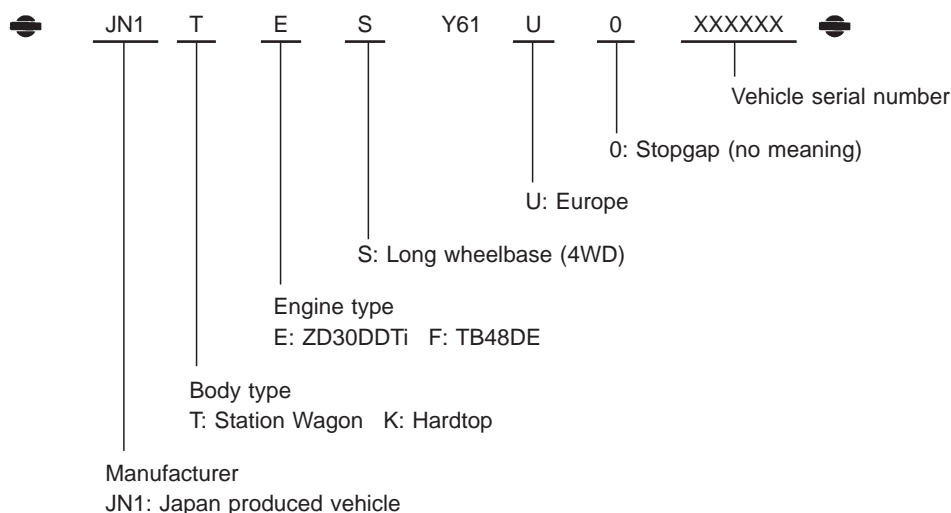
#### Prefix and suffix designations

##### For the Middle East



SGI993-R

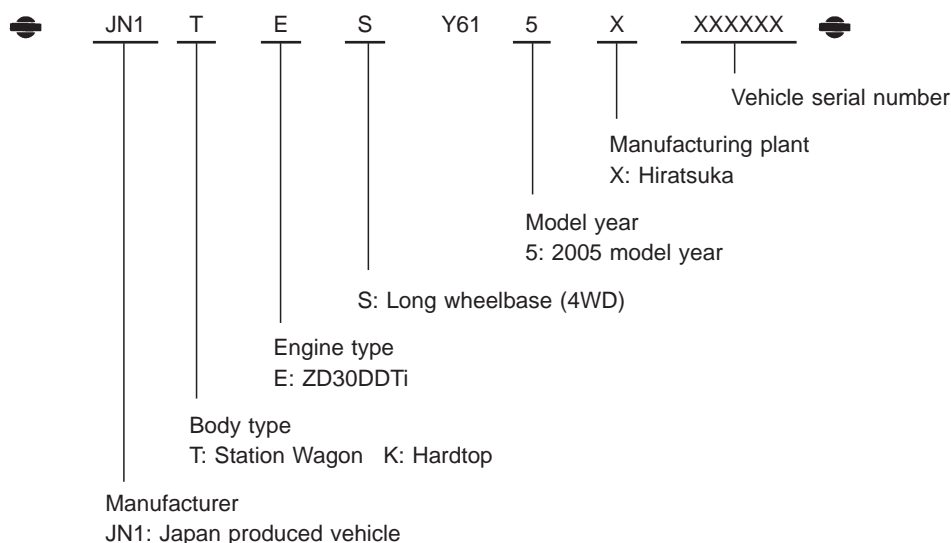
##### For Europe (Except for Israel)



## IDENTIFICATION INFORMATION

### Identification Number (Cont'd)

#### For Israel



## Dimensions

### FOR THE MIDDLE EAST

		Wagon	Hardtop
Overall length*1	mm (in)	5,080 (200.0)*2, *5 5,030 (198.0)*3, *6 5,075 (199.8)*4, *7	4,460 (175.6)*3, *6 4,505 (177.4)*4, *7
Overall width	mm (in)	1,840 (72.4)*3 1,940 (76.4)*2, *4	1,840 (72.4)*3 1,940 (76.4)*4
Overall height	mm (in)	1,855 (73.0)	1,840 (72.4)
Front tread	mm (in)	1,555 (61.2)*3 1,605 (63.2)*2, *4	1,555 (61.2)*3 1,605 (63.2)*4
Rear tread	mm (in)	1,575 (62.0)*3 1,625 (64.0)*2, *4	1,575 (62.0)*3 1,625 (64.0)*4
Wheelbase	mm (in)	2,970 (116.9)	2,400 (94.5)

\*1: With winch, 15 mm (0.59 in) is added to the overall length. With front spoiler, 30 mm (1.18 in) is added.

\*2: 275/70R16, 275/65R17 tires

\*3: 235/80R16, 235/80R16LT tires

\*4: 265/70R16, 265/70R16LT tires

\*5: 15 mm (0.59 in) is added with pintle hook, and 50 mm (1.97 in) is added with spare tire cover.

\*6: 100 mm (3.94 in) is added with spare tire cover.

\*7: 20 mm (0.79 in) is added with pintle hook, and 55 mm (2.17 in) is added with spare tire cover.

### FOR EUROPE

		Wagon	Hardtop
Overall length	mm (in)	5,145 (202.6)*1, *4 5,045 (198.6)*2 5,095 (200.6)*3	4,525 (178.1)*1, *4 4,475 (176.2)*2 4,620 (181.9)*3
Overall width	mm (in)	1,940 (76.4)*1, *3 1,840 (72.4)*2	1,940 (76.4)*1, *3 1,840 (72.4)*2
Overall height	mm (in)	1,855 (73.0)	1,840 (72.4)
Front tread	mm (in)	1,605 (63.2)*1, *3 1,555 (61.2)*2	1,605 (63.2)*1, *3 1,555 (61.2)*2
Rear tread	mm (in)	1,625 (64.0)*1, *3 1,575 (62.0)*2	1,625 (64.0)*1, *3 1,575 (62.0)*2
Wheelbase	mm (in)	2,970 (116.9)	2,400 (94.5)

\*1: For models equipped with 275/65R17 tires

\*2: For models equipped with 235/80R16 tires

\*3: For models equipped with 265/70R16 tires

\*4: 50 mm (1.97 in) is added with spare tire cover.

**GI-4008**



## IDENTIFICATION INFORMATION

### Wheels & Tires FOR THE MIDDLE EAST

Road wheel				
Size		16 x 6JJ	16 x 8JJ*	17 x 8JJ
Offset	mm (in)	35 (1.38)	10 (0.39)	10 (0.39)
Tire size		235/80R16 109S, 235/80R16LT	265/70R16 112S, 275/70R16, 265/70R16LT	275/65R17

\*: Steel or Aluminum wheel

### FOR EUROPE

Road wheel				
Size		16 x 6JJ	16 x 8JJ*	17 x 8JJ
Offset	mm (in)	35 (1.38)	10 (0.39)	10 (0.39)
Tire size		235/80R16 109S	265/70R16 112S	275/65R17 114H

\*: Steel or Aluminum wheel