INTRODUCTION

OUTLINE OF NEW FEATURES

The following changes have been made for the new model.

1. 1VD-FTV Engine

Emission regulation of models for Colombia has been changed to EURO 4.

2. Tire Pressure Warning System

The tire pressure warning system is provided on some package model option for Europe. For details, see page 6.

3. Lighting

The Light Emitting Diode (LED) type headlight assemblies are newly provided. For details, see page 15.

4. Combination Meter

On models with tire pressure warning system, the tire pressure warning message and the tire pressure warning indicator light has been added in the combination meter. For details, see page 19.

5. Seat Heater System

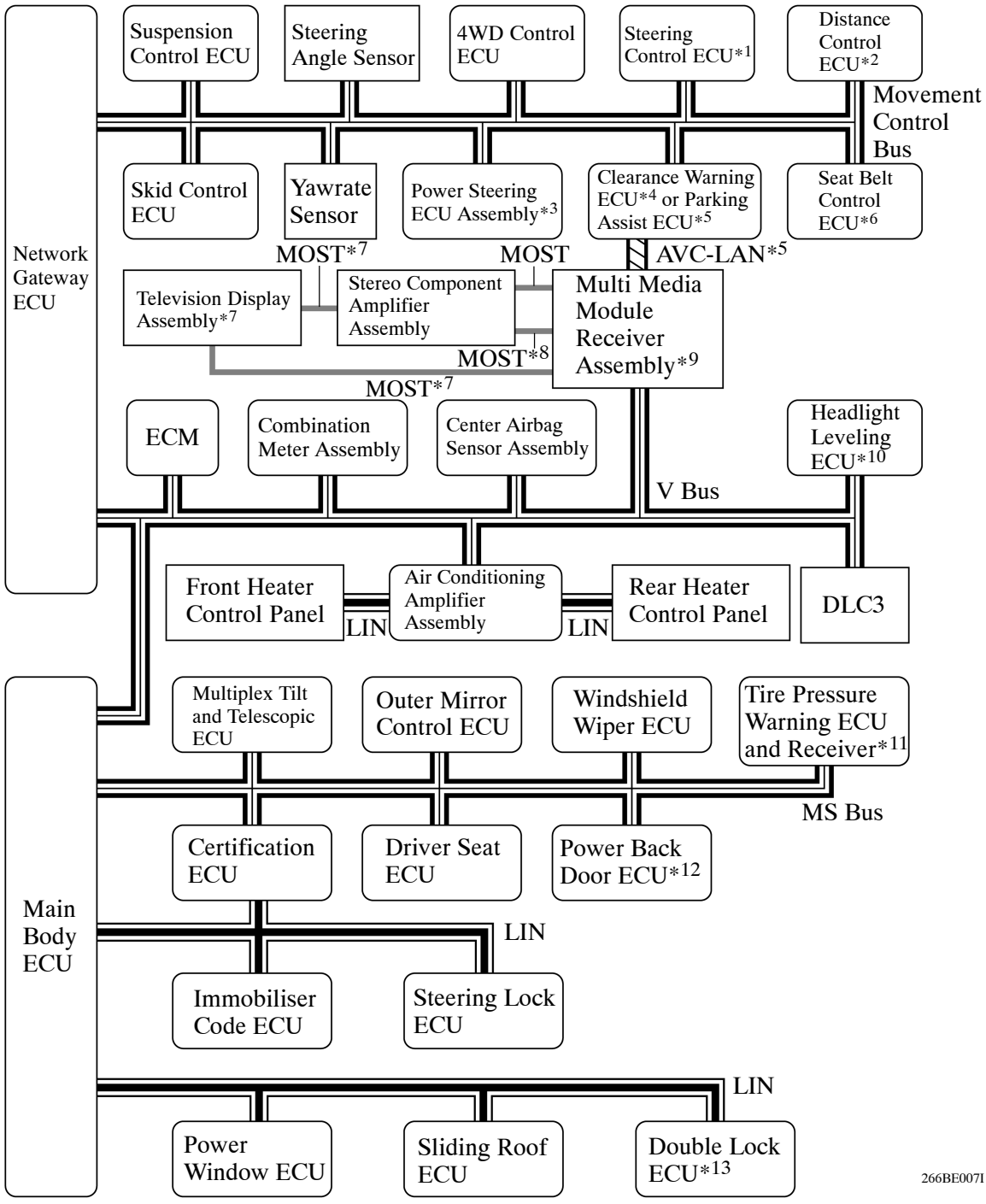
On 5-passenger seat models for Europe, a rear No. 1 seat heater system is newly provided.

6. Air Conditioning System

On 5-passenger seat models for Europe, a multi-zone automatic climate control system is newly provided.

7. Multiplex Communication

The construction has been changed in accordance with the addition of the tire pressure monitor ECU.



*1: Models with VGRS system
*2: Models with dynamic radar cruise control system
*3: Models with Variable Flow Control (VFC) power steering system
*4: Models with Toyota parking assist-sensor system
*5: Models with parking assist monitor system
*6: Models with pre-crash safety system
*7: Models with rear seat entertainment system
*8: Models without navigation system
*9: Models with navigation system
*10: Models with automatic headlight beam level control system
*11: Models with tire pressure warning system
*12: Models with power back door system
*13: Models with double lock system

MODEL CODE

VDJ200 L – G M T E Z W

1 2 3 4 5 6 7 8

1	BASIC MODEL CODE
	GRJ200: With 1GR-FE Engine URJ200: With 3UR-FE Engine URJ202: With 1UR-FE Engine VDJ200: With 1VD-FTV Engine

2	STEERING WHEEL POSITION
	L: Left-hand Drive R: Right-hand Drive

3	BODY TYPE
	G: Station Wagon

4	BACK DOOR TYPE/SEATING CAPACITY
	C: Swing/5-seater D: Swing/9-seater, 10-seater*1 M: Lift-up/5-seater N: Lift-up/7-seater*2, 8-seater P: Lift-up/9-seater

5	GEAR SHIFT TYPE
	M: 5-speed Manual, Floor A: 5-speed Automatic, Floor T: 6-speed Automatic, Floor

6	GRADE
	R: Standard E: VX N: GX

7	ENGINE SPECIFICATION
	K: DOHC and EFI Z: DOHC and Twin Turbo

8	DESTINATION
	W: Europe*3 V: G.C.C. Countries Q: Australia C: China BLANK: General Countries

*1: Models with bench type front passenger seat

*2: Models with rear No. 2 seat for 2 passengers

*3: A package model option for South Africa, Hong Kong, Russia, Ukraine, Azerbaijan, Georgia, Armenia, Belarus, Kazakhstan, Turkey, Israel, Morocco, India, New Caledonia and Central America is included.

MODEL LINE-UP

Destination	Engine	Back Door Type	Seating Capacity	Grade	Transmission		
					A750F 5-speed Automatic	AB60F 6-speed Automatic	H150F 5-speed Manual
Europe	1UR-FE	Lift-up	5	VX	—	URJ202L-GMTEKW*1, 3	—
			7		—	URJ202L-GNTEKW*1, 2, 3	—
	1VD-FTV				—	VDJ200R-GNTEZW*4	—
			5		—	VDJ200L-GMTEZW*1	—
			7		—	VDJ200L-GNTEZW*1, 2, 5	—
G.C.C. Countries	1GR-FE	Lift-up	8	GX	GRJ200L-GNANKV*6, 7, 8	—	—
			9		GRJ200L-GPANKV*2, 6	—	—
			8		—	—	GRJ200L-GNMNKV*6
		Swing	9		—	—	GRJ200L-GDMNKV*6
				Standard	—	—	GRJ200L-GDMRKV*6
	3UR-FE	Lift-up	8	VX	—	URJ200L-GNTEKV*6	—
	1UR-FE			GX	—	URJ202L-GNTNKV	—
				VX	—	URJ202L-GNTEKV*6, 7	—
	1VD-FTV			GX	—	—	VDJ200L-GNMNZV*6, 7
					—	VDJ200L-GNTNZV*6, 7	—
		Swing	9	Standard	—	—	VDJ200L-GDMRZV*6
				GX	—	—	VDJ200L-GDMNZV*6
Australia	1UR-FE	Lift-up	8	GX	—	URJ202R-GNTNKQ	—
				VX	—	URJ202R-GNTEKQ*9	—
	1VD-FTV			GX	—	VDJ200R-GNTNZQ	—
			7*13, 8	VX	—	VDJ200R-GNTEZQ	—
		Swing	5	Standard	—	VDJ200R-GCTRZQ	—
South Africa	1UR-FE	Lift-up	7	VX	—	URJ202R-GNTEKW*10	—
	1VD-FTV				—	VDJ200R-GNTEZW	—

(Continued)

Destination	Engine	Back Door Type	Seating Capacity	Grade	Transmission		
					A750F 5-speed Automatic	AB60F 6-speed Automatic	H150F 5-speed Manual
China	1GR-FE	Lift-up	8	GX	GRJ200L-GNANKC	—	—
	1UR-FE			VX	—	URJ202L-GNTEKC	—
General Countries	1GR-FE			GX	—	—	GRJ200L-GNMNK
		Swing	9, 10*11	Standard	—	—	GRJ200R-GDMRK
			9, 10*12		—	—	GRJ200L-GDMRK
			5		—	—	GRJ200L GCMRK
	1UR-FE	Lift-up	8	VX	—	URJ202L-GNTEK	—
	1VD-FTV			GX	—	VDJ200R-GNTNZ	—
					—	VDJ200L-GNTNZ	—
					—	—	VDJ200R-GNMNZ
			5		—	—	VDJ200L-GMMNZ
			8		—	—	VDJ200L-GNMNZ
			8	VX	—	VDJ200R-GNTEZ	—
					—	VDJ200L-GNTEZ	—
		Swing	5	Standard	—	—	VDJ200R-GCMRZ
					—	—	VDJ200L-GCMRZ
			9, 10*12		—	—	VDJ200R-GDMRZ
					—	—	VDJ200L-GDMRZ

*1: Package model options for Russia, Ukraine, Azerbaijan, Georgia, Armenia and Belarus are included.
*2: Package model options for Kazakhstan are included.
*3: Package model options for New Caledonia and Central America are included.
*4: A package model option for India is included.
*5: A package model option for Turkey, Israel and Morocco is included.
*6: Package model options for Nigeria are included.
*7: Package model options for Egypt are included.
*8: A package model option for Venezuela is included.
*9: A package model option for Pakistan is included.
*10: A package model option for Hong Kong is included.
*11: Models with bench type front passenger seat
*12: Models with bench type front passenger seat (except models for Zimbabwe and Costa Rica)
*13: Models with rear No. 2 seat for 2 passengers (with KDSS suspension)

NEW FEATURES

TIRE PRESSURE WARNING SYSTEM

■ DESCRIPTION

- A direct-sensing type tire pressure warning system is used. This tire pressure warning system receives tire pressure signals from all 5 tires.*
- When the tire pressure warning system detects that the tire pressure becomes lower than the warning threshold, it will turn on the tire pressure warning light and display a warning message on the multi-information display to warn the driver.
- The tire pressure warning antenna receives the tire pressure, temperature, and ID code information from the 5 tire pressure warning valve and transmitters and transmits this information to the tire pressure warning ECU and receiver.*
- The tire pressure warning ECU and receiver monitors the tire pressure warning valve and transmitters to detect the low tire pressure of all 5 tires.*
- The operation of the tire pressure warning system includes a tire inflation pressure display function, warning function, initial check function, initialization function and diagnosis function.
- The transmission cycle with which the information is sent from the tire pressure warning valve and transmitter to the tire pressure warning ECU and receiver is determined as follows based on the travel mode and the acceleration sensor built into each tire pressure warning valve and transmitter. Since the acceleration sensor is used only to determine if the vehicle is being driven, the value of rotational acceleration is not sent to the tire pressure warning ECU and receiver.

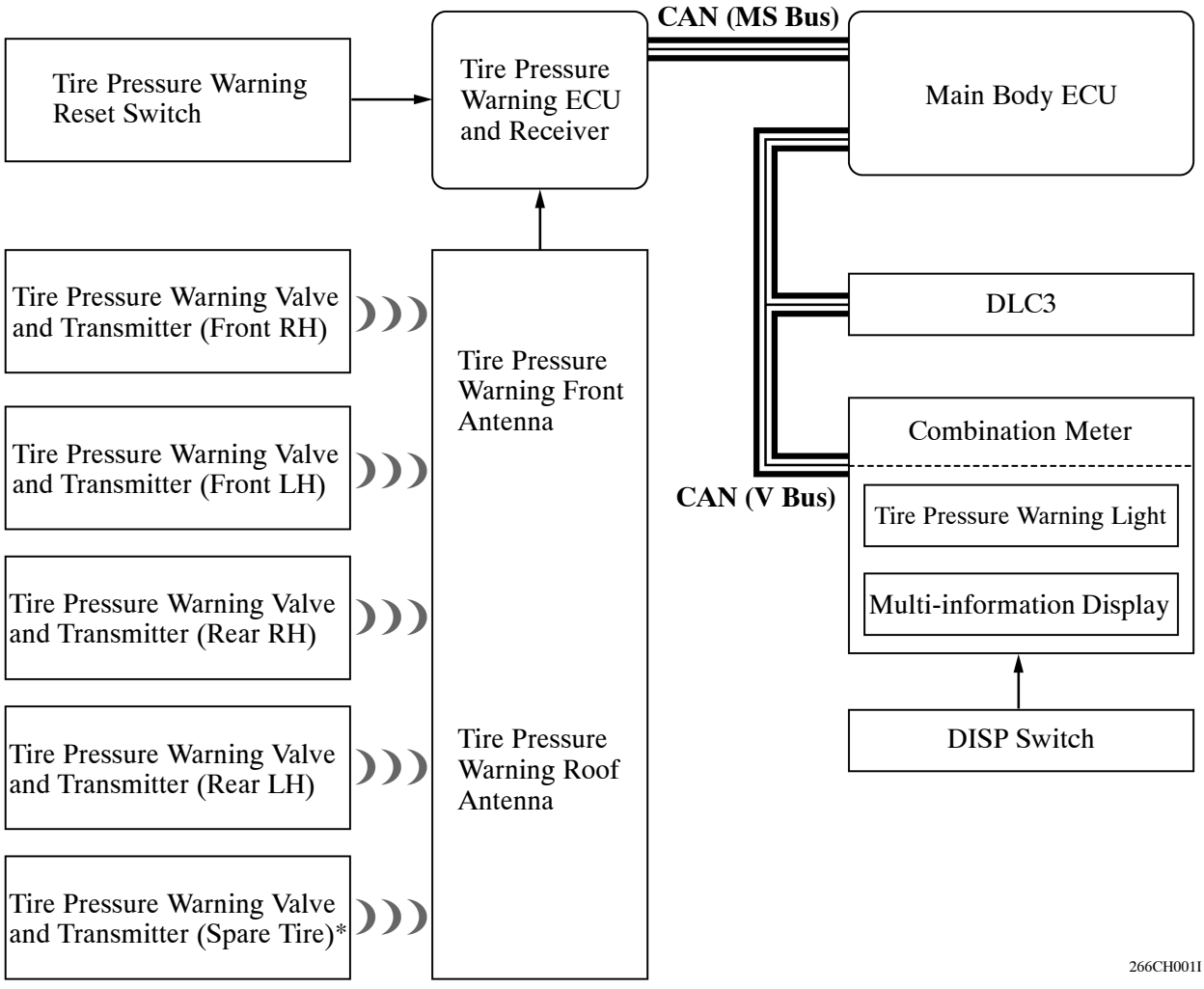
  *: Models with full size spare tire (models with puncture repair kit have 4 tire pressure warning valve and transmitters.)

Travel Mode	Transmission Cycle
While stopping*1	1 time/1.5 min
While traveling*2	4 times/1 min

*1: When G that is applied to the acceleration sensor is less than 8 G.
*2: When G that is applied to the acceleration sensor is 8 G or greater.

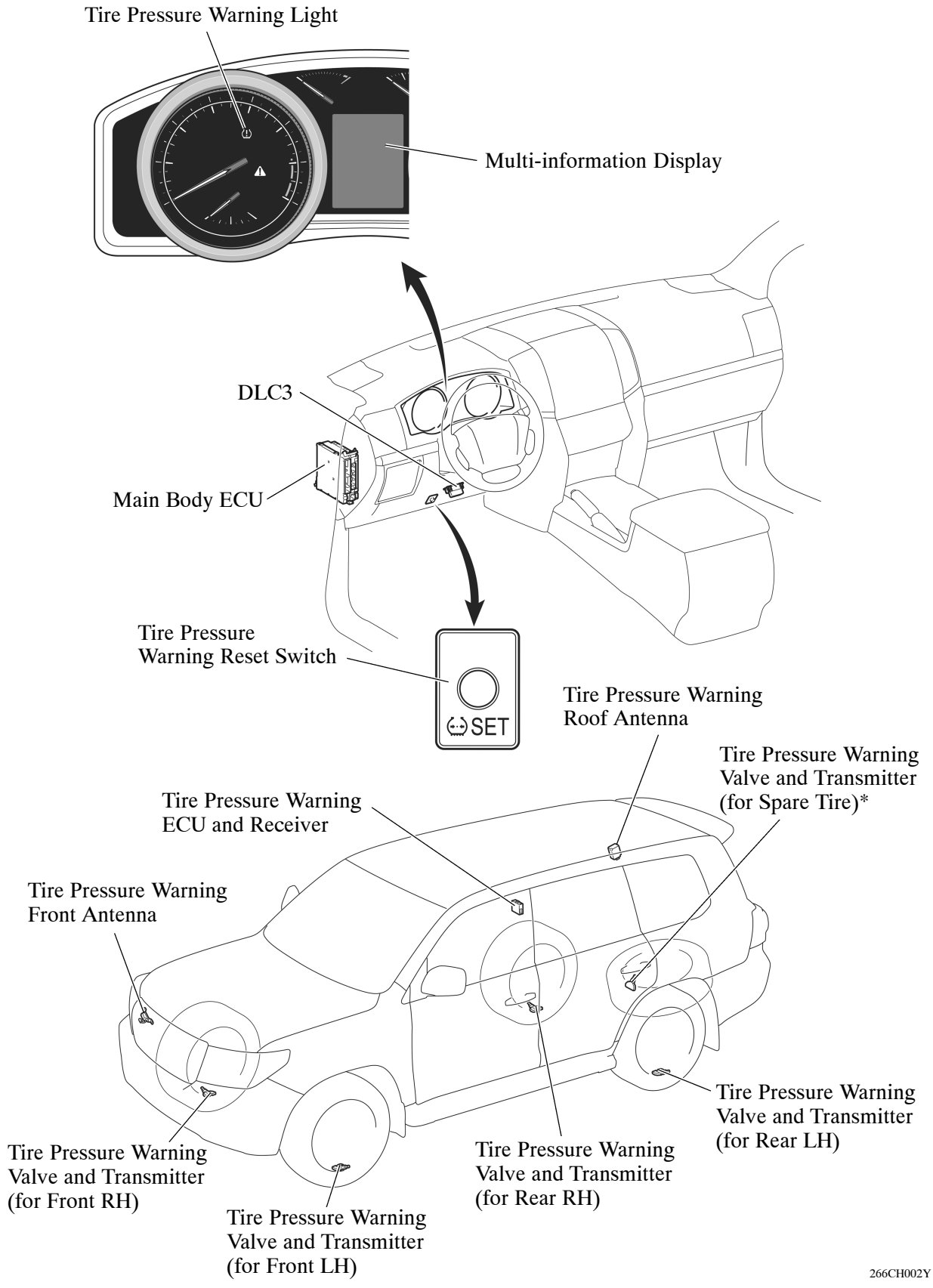
- The warning threshold changes in accordance with pressure changes caused by driving conditions during initialization. Therefore, when a decreased tire pressure warning is displayed, the warning may not stop even though the tire pressure has been adjusted to the recommended pressure. At that time, initialization is necessary.

■SYSTEM DIAGRAM



*: Models with full size spare tire

■ LAYOUT OF MAIN COMPONENTS



*: Models with full size spare tire

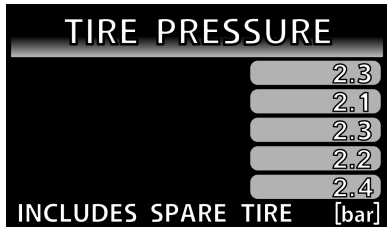
■ FUNCTION OF MAIN COMPONENTS

Component		Function
Tire Pressure Warning Valve and Transmitter		Detects the pressure and internal temperature of the tire and transmits the measured value and the ID code to the tire pressure warning ECU and receiver via the tire pressure warning antenna.
Tire Pressure Warning Roof Antenna		Receives the tire pressure warning valve and transmitter signal and transmits this data to the tire pressure warning ECU and receiver.
Tire Pressure Warning Front Antenna		Receives the tire pressure warning valve and transmitter signal and transmits this data to the tire pressure warning ECU and receiver.
Tire Pressure Warning Reset Switch		The warning threshold is calculated from the tire pressure value at the time of initialization and memorized in the tire pressure warning ECU and receiver by operating the tire pressure warning reset switch.
DISP Switch		Switches the information on the multi-information display to the tire pressure when pressed.
Tire Pressure Warning ECU and Receiver		● Receives the data from the tire pressure warning antenna and monitors the tire pressure. ● Outputs the respective signal to the combination meter when a drop in the tire pressure, a system malfunction or initialization mode is detected.
Main Body ECU		Receives a signal from tire pressure warning ECU and receiver and outputs the signal to the combination meter via CAN communication.
Combination Meter		Transmits the vehicle speed signal to the tire pressure warning ECU and receiver.
	Tire Pressure Warning Light	● Illuminates or turns on after blinking for 1 minute to warn the driver in accordance with the signal from the tire pressure warning system. ● Blinks 3 times after initialization. ● Displays the 2-digit Diagnostic Trouble Code (DTC).
	Multi-information Display	● Displays to warn the driver in accordance with signals from the tire pressure warning ECU and receiver. ● The multi-information display is changed to the drive monitor mode by operating the DISP switch. The condition of the current tire pressure can be checked in the monitor mode.

■ FUNCTION

1. Tire Inflation Pressure Display Function

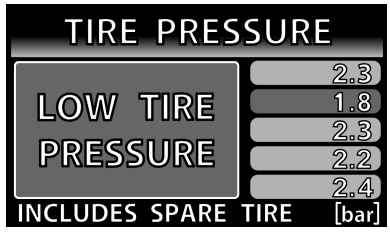
The multi-information display shows the following to inform or warn the driver of the tire pressure:

<table>
<tr><th colspan="2">Condition</th><th>
036CH125Y</th><th>Multi-information Display</th></tr>
<tr><td colspan="2">Normal Tire Pressure</td><td>—</td><td>
245CH003Y</td></tr>
<tr><td rowspan="2">Start Initialization</td><td>When tire pressure warning reset switch pressed</td><td>Blinks 3 times at 0.5 Hz</td><td>
245CH004Y</td></tr>
<tr><td>During initialization*</td><td>—</td><td>
245CH005Y</td></tr>
</table>

*: The indication is displayed only when tire pressure mode is selected.

2. Warning Function

- The tire pressure warning ECU has 2 warning methods, depending on the condition detected.
- The table below shows the warning methods for the tire pressure warning light and multi-information display in the combination meter assembly:

Detection Condition	 036CH125Y	Multi-information Display
Low Tire Pressure	Illuminate	 245CH006Y
System Failure	Illuminates after blinking for 1 minute	 245CH007Y

- After registering the tire pressure warning valve and transmitter ID code, the tire pressure warning light will operate until the tire pressure warning system starts to function normally. For this function, when an ID code is registered, the tire pressure warning light will blink for 1 minute and then turns on until the system starts operating normally.
- If the tire pressure warning light illuminates, adjust the tire pressure.
- If the tire pressure warning light stays on after blinking for 1 minute, the system is malfunctioning and must be repaired in order to turn off the light. For details, refer to the Repair Manual.
- The tire pressure warning light may blink for 1 minute and turn on due to electric wave interference at the same frequency.

3. Initial Check Function

After the engine switch is turned on (IG), the tire pressure warning ECU and receiver illuminates the tire pressure warning light for 3 seconds to check the warning light circuits.

4. Initialization Function

The warning threshold is calculated from the tire pressure value at the time of initialization and memorized in the tire pressure warning ECU and receiver. Therefore, the tire pressure warning ECU and receiver should be initialized after:

- The recommended tire pressure changes due to changes in vehicle weight, speed conditions or tire size.
- The tire pressure warning ECU and receiver or the tire pressure warning valve and transmitter are replaced.
- The tire pressure is adjusted.

Service Tip

The tire pressure warning ECU and receiver can be initialized as follows:
1) Set the tire pressure for all tires to the specified value when the tires are cold.
2) Keep the tire pressure warning reset switch pressed for 3 seconds (with the engine switch on (IG) and with the vehicle stopped).
3) The tire pressure warning light blinks 3 times and the initialization mode starts.
4) The initialization is completed when signals from all the tire pressure warning valve and transmitters are received.
5) After the initialization has been completed, turn the engine switch off and then on (IG) again, and check the pressure of all tires using a Global TechStream (GTS).

For details, refer to the Repair Manual.

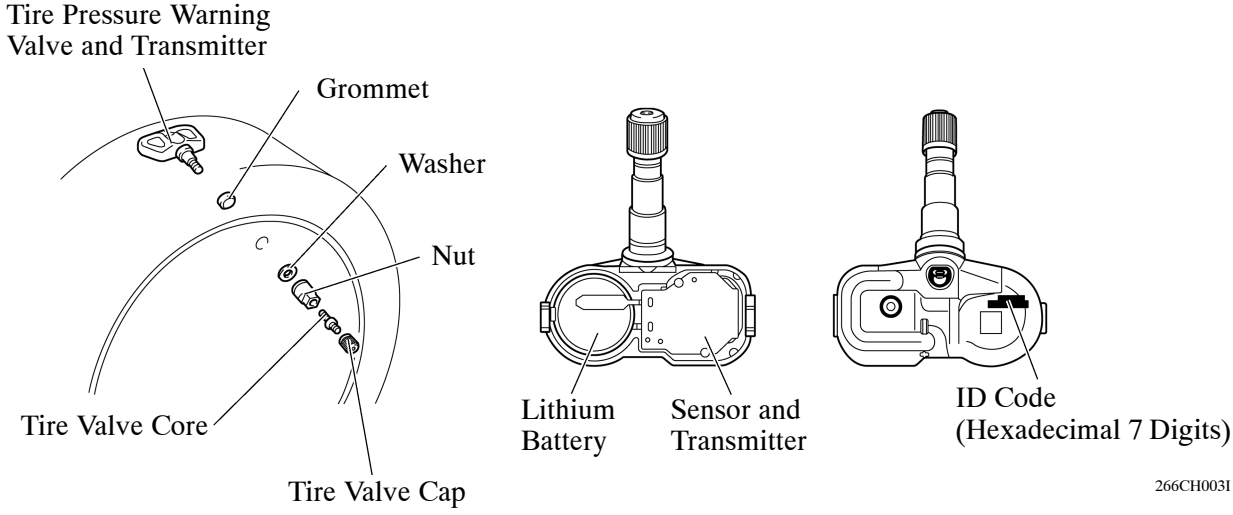
NOTE:
- The initialization mode will not be cancelled by turning the engine switch to off during initialization process.
- The tire pressure warning reset switch cannot operate while the vehicle is driving.

■ CONSTRUCTION

Tire Pressure Warning Valve and Transmitter

The tire pressure warning valve and transmitters are integrated in the tire valves. Each tire pressure warning valve and transmitter consists of a lithium battery, sensor and transmitter.

- Make sure not to damage the urethane-covered backside of the transmitter (the surface opposite to the side with the ID code) with anything sharp.
- The tire pressure warning valve and transmitter directly measures tire pressure and temperature to see if the vehicle can continue to run.
- The transmitter transmits these measured values to the tire pressure warning antenna on a frequency of 433.90 MHz.



Service Tip

- The lithium battery in the tire pressure warning valve and transmitter is a type cannot be replaced. If the lithium battery is depleted, the tire pressure warning valve and transmitter must be replaced.
- A new tire pressure warning valve and transmitter is shipped in sleep mode to prevent the battery from depleting in storage. When the tire pressure in the detection portion of the tire pressure warning valve and transmitter decrease by 40 kPa (5.8 psi, 0.4 bar) within 30 seconds, the tire pressure warning valve and transmitter automatically cancels sleep mode. Once sleep mode is canceled, the tire pressure warning valve and transmitter cannot revert to sleep mode.
- After a tire pressure warning valve and transmitter has been replaced, the ID code of the tire pressure warning valve and transmitter must be registered in the tire pressure warning ECU and receiver. To register the ID code, use a Global TechStream (GTS) to enter the ID code that is indicated on the tire pressure warning valve and transmitter.
- The ID code is written on the tire pressure warning valve and transmitter.
- Be careful not to damage the tire pressure warning valve and transmitters when removing and reinstalling them.
- Replace the grommet, valve core with new ones when replacing or removing and reinstalling the tire pressure warning valve and transmitter. This is necessary to ensure sealing performance.
- When replacing a valve cap, use only a specified cap. If an unspecified cap is used, it may stick to the tire pressure warning valve and transmitter.

For details, refer to the Repair Manual.

■ DIAGNOSIS

- If the tire pressure warning ECU and receiver detects a malfunction in the system, the tire pressure warning ECU and receiver will make the tire pressure warning light blink at 1 Hz for 1 minute and then remain on to warn the driver. It will also store the Diagnostic Trouble Code (DTC) in memory.
- 5-digit DTC can be read by connecting a Global TechStream (GTS) to the DLC3. For details, refer to the Repair Manual.

■ OPERATION PRECAUTIONS

The system will be disabled in the following conditions:
(When the condition becomes normal, the system will work properly.)

- If tires not equipped with the tire pressure warning valve and transmitters are used.
- If the ID code on the tire pressure warning valve and transmitters are not registered in the tire pressure warning ECU and receiver.
- If the tire pressure is 380 kPa (55 psi, 3.9 bar) or higher.
- If the tire pressure warning valve and transmitter battery voltage drops. (Battery life: approximately 10 years)

The system may be disabled in the following conditions:
(When the condition becomes normal, the system will work properly.)

- If electronic devices or facilities using similar radio wave frequencies are nearby.
- If a wireless device or other equipment operating at similar frequencies is in use in the vehicle.
- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, in particular around the wheels or wheel housings.
- If non-genuine wheels are used.
- If tire chains are used.
- If a tire repair sealant is used.
- If the spare tire is in a location subject to poor radio wave signal reception.*
- If a large metallic object which can interfere with signal reception has been put in the luggage compartment.*

*: Models with full size spare tire

The tire pressure warning system may not function properly if a tire repair sealant has been used to repair a flat tire. If this type of sealant has been used, the tire pressure warning valve and transmitter should be replaced with a new one after repairing or replacing the tire.

The tire pressure warning light may illuminate due to natural pressure loss caused by air passing through the tires or by changes in tire pressure caused by temperature fluctuations. When adjusting tire pressure, please be aware of the driving conditions and temperature conditions. The tire pressure warning light is prone to illuminate especially in late fall and during winter.

LIGHTING

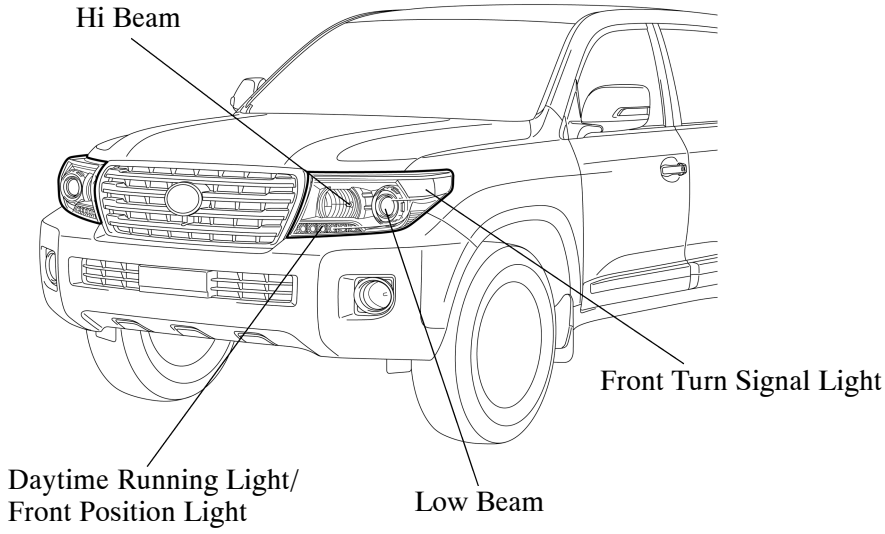
■ DESCRIPTION

1. General

A Light Emitting Diode (LED) headlight system has been provided depending on the models for G.C.C. countries.

2. Front Exterior Light

Models with LED Headlight System



▶ Specifications ◀

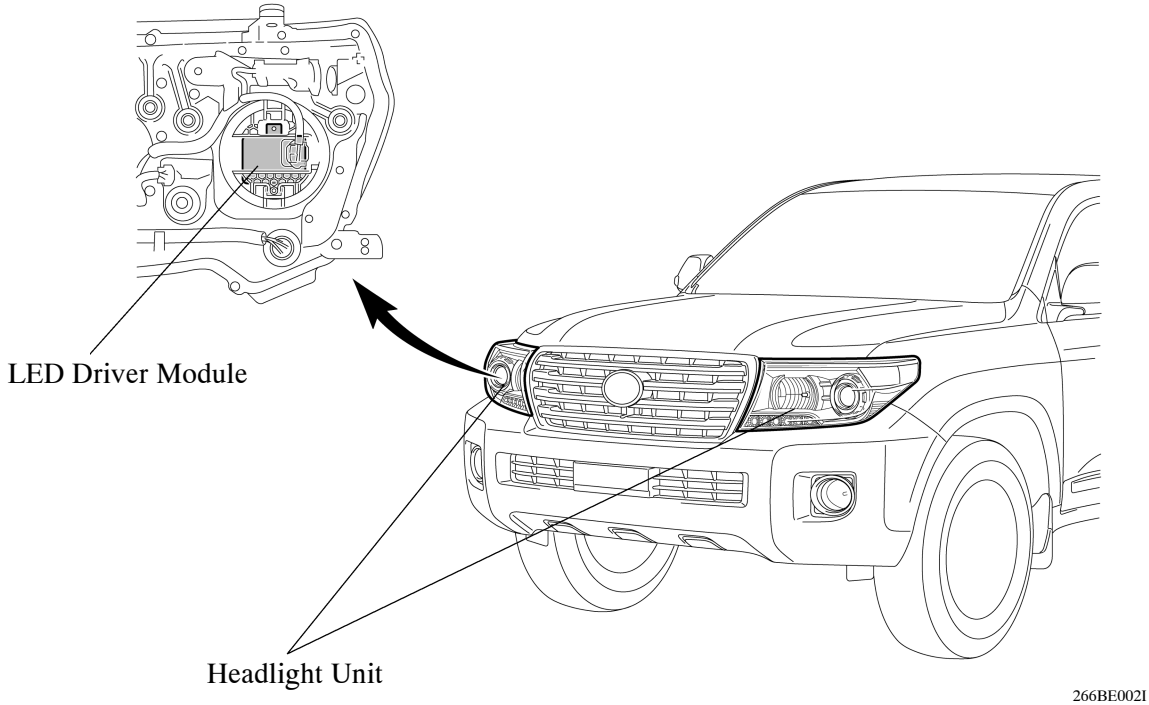
Light		Type	W
Headlight Unit	Low Beam	LED	19.0
	High Beam	Halogen Bulb (HB3 Type)	60
	Front Turn Signal Light	Wedge Base Bulb (W21W Type)	21
	Front Position Light	LED × 6	0.4
	Daytime Running Light		8.0

■ LED HEADLIGHT SYSTEM

1. General

- An LED headlight system, which is capable of instantly flashing and ensuring a long service life, is used in the low beam headlight for models with LED headlight system.
- This system consists of a projector type LED headlight and LED driver module.
- The LED driver module has a fail-safe function.

2. Layout of Main Components

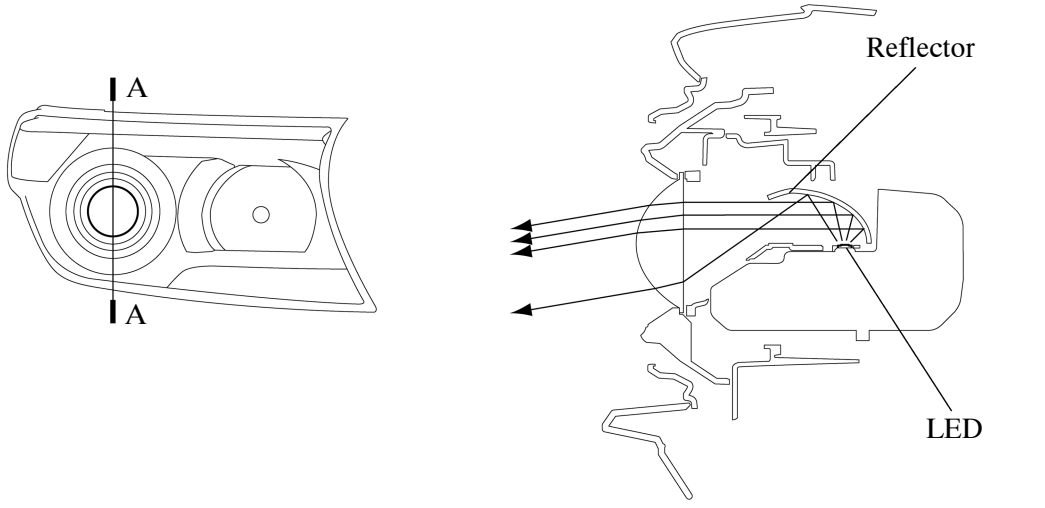


3. Construction and Operation

LED Headlight Unit

1) Projector Type LED Light

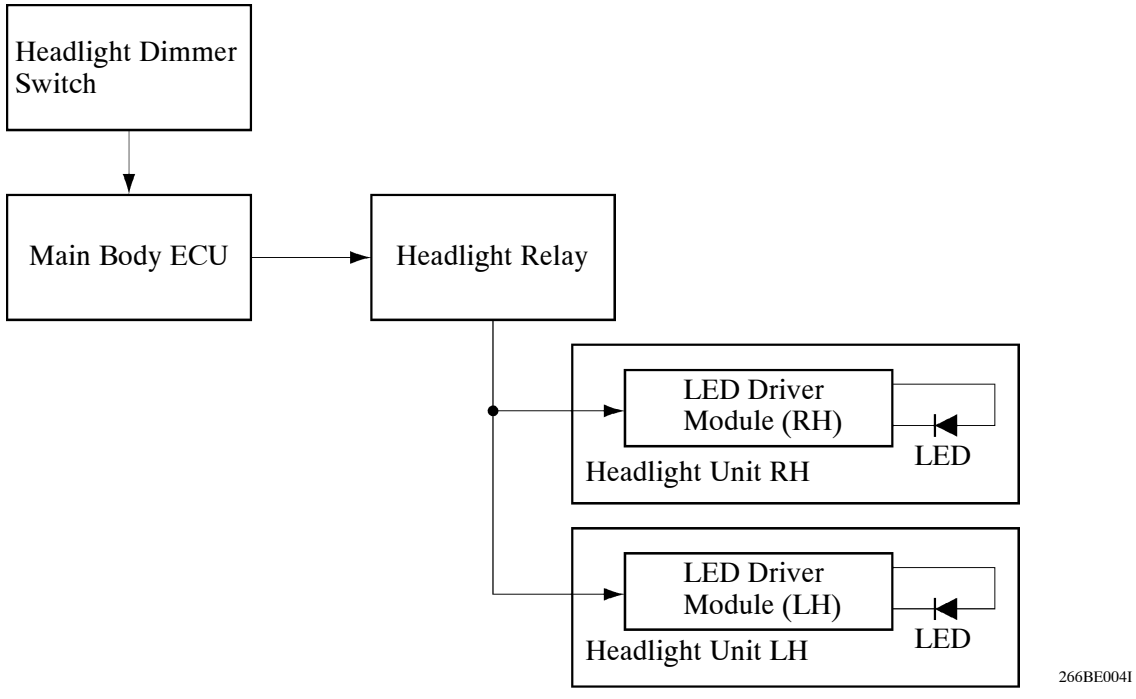
- One LED is used in the projector type LED light.
- Through optimization of the reflector shape inside the lights, a large illumination range has been realized.



LED Driver Module

- When the light control switch (headlight dimmer switch) is turned on, the LED driver modules immediately turn on the LEDs (approximately 0.1 seconds). In addition, by regulating the output currents flowing into the LEDs at the specified level, the LED driver modules prevent the glare of light due to voltage variation.

▶ Wiring Diagram ◀



1) Fail-safe

The LED driver module executes the fail-safe actions listed below in accordance with the problem that has been detected.

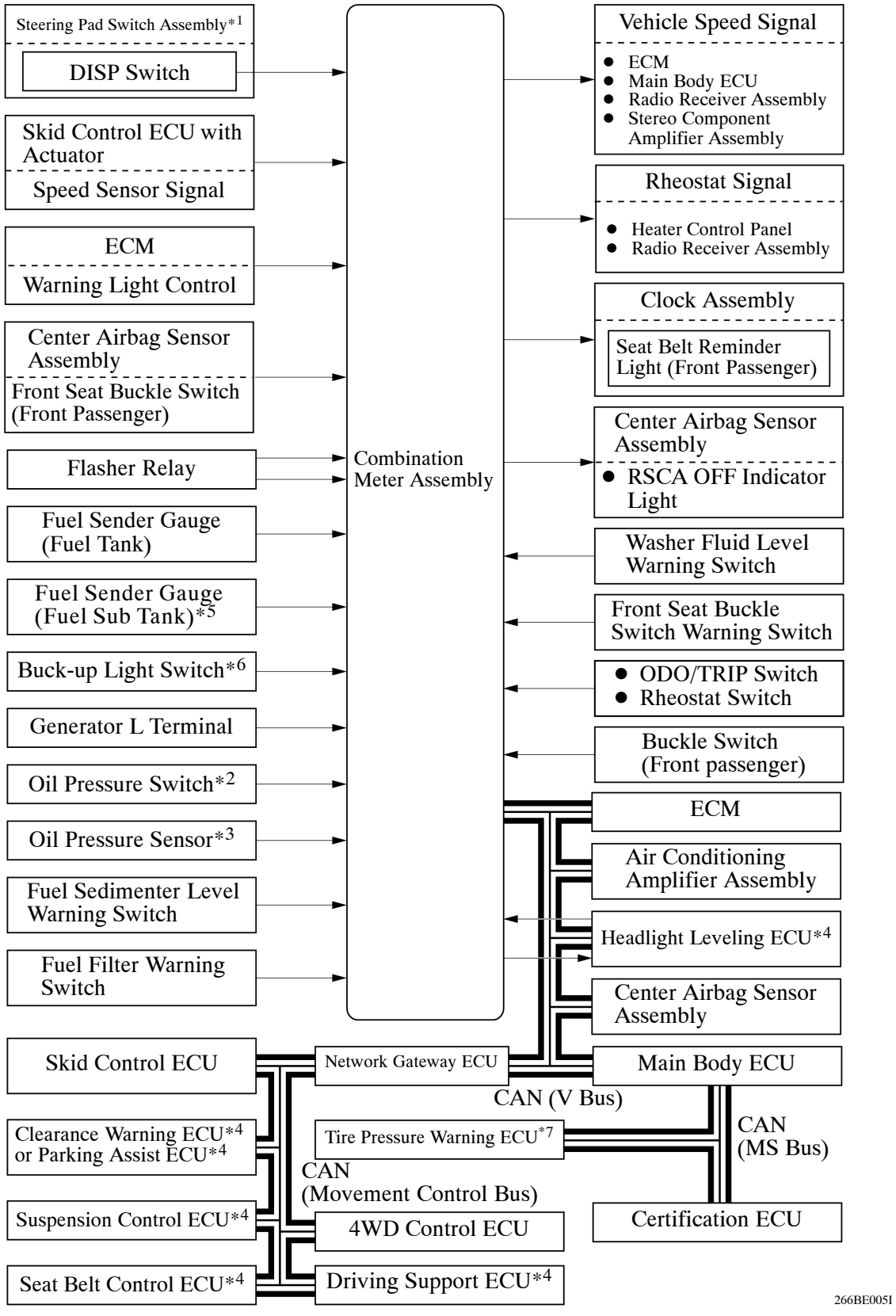
Problem	Outline
Detection of Abnormal Output (Open Circuit or Short Circuit)	If an abnormal condition (open or short) occurs in the voltage that is output by the LED driver module, the LED driver module stops illuminating the headlight and maintains its current state until an normal operation resumes.
Detection of Abnormal Input Voltage	If the voltage that is input to the LED driver module deviates from the normal operating voltage (17 V or more), the LED driver module stops illuminating the headlight. The LED driver module resumes illuminating the LED once the voltage reverts to the operating voltage range (10 V to 16 V).
	If the voltage that is input to the LED driver module deviates from the normal operating voltage (8.5 V to 10 V), the LED driver module limits the output current. (The headlight will remain illuminated.) The LED driver module cancels the output current limit once the voltage reverts to the operating voltage range (10 V to 16 V).
	If the voltage that is input to the LED driver module deviates from the normal operating voltage (6 V or less), the LED driver module stops illuminating the headlight. The LED driver module resumes illuminating the LED once the voltage reverts to 8.5 V or more.

METER

■ DESCRIPTION

On models with tire pressure warning system, the tire pressure warning display is provided.

■SYSTEM DIAGRAM



*1: Only for models with Optitron type combination meter
*2: Only for models with 1GR-FE engine
*3: Except models with 1GR-FE engine
*4: Optional equipment
*5: Only for diesel engine models with dual tank
*6: Models with manual transmission
*7: Models with tire pressure warning system

▶ Input and output communication signals of the combination meter ◀

ECU	Input Signal	Output Signal
Tire Pressure Warning ECU*	● Warning message display request ● Tire pressure display control ● Tire pressure warning light blink/illuminate request	—

*: Models with tire pressure warning system

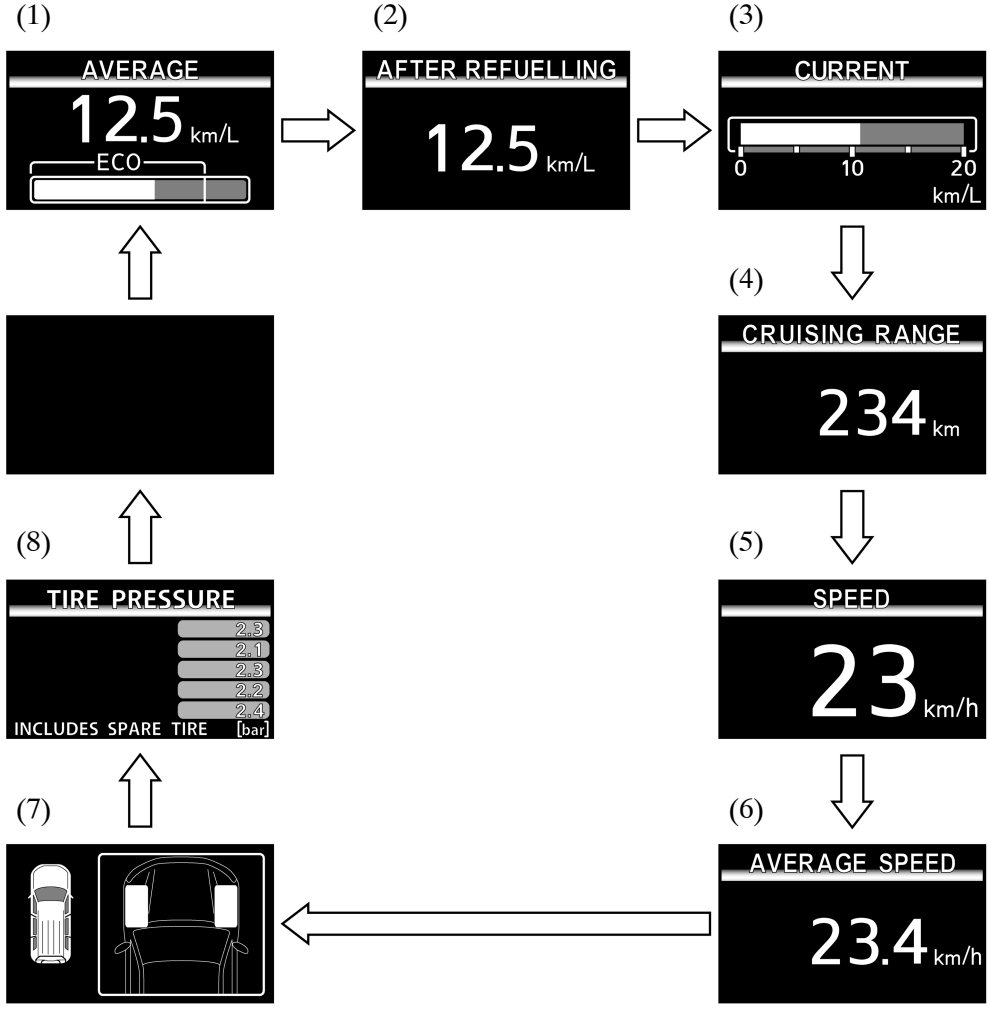
■ MULTI-INFORMATION DISPLAY

1. General

- The tire pressure monitor display mode has been added for the cruise information mode.
- The tire pressure warning display mode has been added for the warning mode display.

2. Cruise Information Mode

The cruise information mode is displayed on area A of the multi-information display, and the display switches in the following sequence every time the DISP switch of the steering pad switch is pressed.



266BE006I

Information	Outline
(1)	● Displays average fuel calculated by the combination meter based on information about the driving distance and fuel injection amount. ● Updates every 0.5 seconds.
	● Displays Eco Drive Indicator Zone calculated by the combination meter based on the accelerator pedal opening angle and the accelerator pedal opening upper threshold level. ● Flashes the non-eco zone display area in the Eco Drive Indicator Zone when the calculated level is considered as non-eco drive. ● Updates every 0.2 seconds.
(2)	● Displays the average fuel consumption after refueling calculated by the combination meter based on the driving distance and fuel consumption amount after refueling. ● Updates every 10 seconds.
(3)	● Displays the instantaneous fuel consumption calculated by the combination meter based on the driving distance and fuel injection amount every 20 rotations of the engine. ● Updates every 0.5 seconds.
(4)	● Displays the possible driving distance calculated by the combination meter based on the average fuel consumption and the rest of fuel. ● Updates every 10 seconds.
(5)	Displays the vehicle speed.
(6)	● Displays average speed calculated by the combination meter based on the driving distance and driving time after the reset operation via the ODO/TRIP switch. ● Updates every 10 seconds.
(7)	Displays the front wheel angle.
(8)	● Displays tire pressures. When the pressure of a tire is low, “LOW TIRE PRESSURE” is illuminated and the low tire pressure value is illuminated. ● Updates every 1 seconds.

3. Warning Mode

- Warning modes have been added to the multi-information display.

Display	Detail	 036CH125Y
 19FBE015I	Tire pressure warning system is malfunctioning.*	Illuminates after blinking for 1 minute

*: Models with tire pressure warning system

MAJOR TECHNICAL SPECIFICATIONS

Item \ Area				General Countries			
Body Type				Station Wagon (Lift-up/8-seater)			Station Wagon (Swing/5-seater)
Vehicle Grade				GX			Standard
Model Code				VDJ200R-GNTNZ	VDJ200L-GNTNZ	VDJ200R-GNMNZ	VDJ200R-GCMRZ
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4950 (194.9)*7	4950 (194.9)*6, *7	4950 (194.9)*6, *7	4950 (194.9)*6, *7
		Width	mm (in.)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
		Height	mm (in.)	1905 (74.9)*8, *10	1905 (74.9)*8, *10	1905 (74.9)*8, *9, *10	1905 (74.9)*8, *9, *10
	Wheel Base		mm (in.)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
	Tread	Front	mm (in.)	1680 (66.1), 1640 (64.5)*5	1680 (66.1), 1640 (64.5)*5	1680 (66.1), 1640 (64.5)*5	1680 (66.1)
		Rear	mm (in.)	1675 (65.9), 1635 (64.3)*5	1675 (65.9), 1635 (64.3)*5	1675 (65.9), 1635 (64.3)*5	1675 (65.9)
	Room	Length	mm (in.)	2715 (106.8)	2715 (106.8)	2715 (106.8)	1965 (77.4)
		Width	mm (in.)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1615 (63.6)
		Height	mm (in.)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
	Overhang	Front	mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
		Rear	mm (in.)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
	Min. Running Ground Clearance		mm (in.)	225 (8.9)	225 (8.9)	225 (8.9)	—
	Angle of Approach		degrees	30	30	30	30
	Angle of Departure		degrees	20	20	20	—
	Curb Weight	Front	kg (lb)	1430 - 1515 (3153 - 3340), 1420 - 1505 (3131 - 3318)*3	1430 - 1515 (3153 - 3340), 1420 - 1505 (3131 - 3318)*3	1410 - 1495 (3109 - 3296), 1400 - 1485 (3086 - 3274)*3	1395 - 1470 (3075 - 3241), 1385 - 1460 (3053 - 3219)*3
		Rear	kg (lb)	1200 - 1240 (2646 - 2734), 1255 - 1295 (2767 - 2855)*3	1200 - 1240 (2646 - 2734), 1255 - 1295 (2767 - 2855)*3	1190 - 1210 (2623 - 2668), 1245 - 1265 (2745 - 2789)*3	1125 - 1205 (2480 - 2657), 1180 - 1260 (2601 - 2778)*3
		Total	kg (lb)	2630 - 2755 (5798 - 6074), 2675 - 2800 (5897 - 6173)*3	2630 - 2755 (5798 - 6074), 2675 - 2800 (5897 - 6173)*3	2600 - 2705 (5732 - 5963), 2645 - 2750 (5831 - 6063)*3	2520 - 2675 (5556 - 5897), 2565 - 2720 (5655 - 5997)*3
	Gross Vehicle Weight	Front	kg (lb)	1600 (3527)	1600 (3527)	1565 (3450), 1570 (3461)*3	1500 (3307)
		Rear	kg (lb)	1750 (3858)	1750 (3858)	1785 (3935), 1780 (3924)*3	1850 (4079)
		Total	kg (lb)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)
	Fuel Tank Capacity		L (US.gal, Imp. gal)	93 (24.6, 20.5), 138 (36.5, 30.4)*1	93 (24.6, 20.5), 138 (36.5, 30.4)*1	93 (24.6, 20.5), 138 (36.5, 30.4)*1	138 (36.5, 30.4)
	Luggage Capacity (VDA)		m^3 (cu.ft.)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)	0.909 (32.1)
Performance	Max. Speed		km/h	210	210	170	170
	Max. Cruising Speed		km/h	210	210	170	—
	Acceleration	0 to 100 km/h	sec.	8.6	8.6	12.0	—
		0 to 400 m	sec.	16.2	16.2	18.2	—
	Max. Permissible Speed	1st Gear	km/h	51	51	35	—
		2nd Gear	km/h	86	86	64	—
		3rd Gear	km/h	125	125	106	—
		4th Gear	km/h	169	169	158	—
		5th Gear	km/h	210	210	170	—
		6th Gear	km/h	210	210	—	—
	Min. Turning Radius	Tire	m (ft.)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	—
		Body	m (ft.)	6.3 (20.7)	6.3 (20.7)	6.3 (20.7)	—
Engine	Engine Type			1VD-FTV	1VD-FTV	1VD-FTV	1VD-FTV
	No. of Cyls. & Arrangement			8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type
	Valve Mechanism			32-valve, DOHC	32-valve, DOHC	32-valve, DOHC	32-valve, DOHC
	Bore × Stroke		mm (in.)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)
	Displacement		cm^3 (cu.in.)	4461 (272.2)	4461 (272.2)	4461 (272.2)	4461 (272.2)
	Compression Ratio			16.8 : 1	16.8 : 1	16.8 : 1	16.8 : 1
	Fuel System			Common-rail Type	Common-rail Type	Common-rail Type	Common-rail Type
	Cetane Number			48 or higher	48 or higher	48 or higher	48 or higher
	Max. Output		kW@rpm	173@3200*2	173@3200*2	162@3600*2	136@3200
	Max. Torque		N·m@rpm	615@1800 - 2200*2	615@1800 - 2200*2	430@1200 - 3600*2	430@1600 - 3000
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp.hr.	12 - 110	12 - 110	12 - 110	12 - 110
	Alternator Output		Watts	1560, 1800*11	1560, 1800*11	1560	1560
	Starter Output		kW	2.7	2.7	2.7	2.7
Chassis	Clutch Type			—	—	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	Transmission Type			AB60F	AB60F	H150F	H150F
	Transmission Gear Ratio	In 1st		3.333	3.333	4.529	4.529
		In 2nd		1.960	1.960	2.464	2.464
		In 3rd		1.353	1.353	1.490	1.490
		In 4th		1.000	1.000	1.000	1.000
		In 5th		0.728	0.728	0.881	0.881
		In 6th		0.588	0.588	—	—
		In Reverse		3.061	3.061	4.313	4.313
	Transfer Gear Ratio		H4/L4	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
	Differential Gear Ratio (Front/Rear)			3.909/3.909	3.909/3.909	3.909/3.909	3.909/3.909
	Differential Gear Size (Front/Rear)		mm (in.)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Parking Brake Type			Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
	Brake Booster Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Proportioning Valve Type			—	—	—	—
	Suspension Type	Front		Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
		Rear		4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
	Stabilizer Bar	Front		Standard	Standard	Standard	Standard
		Rear		Standard	Standard	Standard	Standard
	Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio			16.7	16.7	16.7	16.7
	Power Steering Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic

*1: Option
*2: ECE
*3: Models with sub fuel tank
*4: Models with bench type front passenger seat
*5: Models with 285 mm width tires
*6: Models with winch assembly: + 55 mm (2.2 in.)
*7: Models with pintle hook assembly: + 145 mm (5.7 in.)
*8: Models with roof side rail: + 40 mm (1.6 in.)
*9: Models with roof rack: + 235 mm (9.3 in.)

General Countries					
Station Wagon (Swing/9-seater, 10-seater*4)	Station Wagon (Lift-up/5-seater)	Station Wagon (Lift-up/8-seater)	Station Wagon (Swing/5-seater)	Station Wagon (Swing/9-seater, 10-seater*4)	Station Wagon (Lift-up/8-seater)
Standard	GX		Standard		VX
VDJ200R-GDMRZ	VDJ200L-GMMNZ	VDJ200L-GNMNZ	VDJ200L-GCMRZ	VDJ200L-GDMRZ	VDJ200R-GNTEZ
4950 (194.9)*6, *7	4950 (194.9)*6, *7	4950 (194.9)*6, *7	4950 (194.9)*6, *7	4950 (194.9)*6, *7	4950 (194.9)*6, *7
1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
1905 (74.9)*8, *9, *10	1905 (74.9)*8, *9, *10	1905 (74.9)*8, *9, *10	1905 (74.9)*8, *9, *10	1905 (74.9)*8, *9, *10	1905 (74.9)*8, *9, *10
2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
1680 (66.1)	1680 (66.1), 1640 (64.5)*5	1680 (66.1), 1640 (64.5)*5	1680 (66.1)	1680 (66.1)	1640 (64.5)
1675 (65.9)	1675 (65.9), 1635 (64.3)*5	1675 (65.9), 1635 (64.3)*5	1675 (65.9)	1675 (65.9)	1635 (64.3)
2905 (114.4)	1965 (77.4)	2715 (106.8)	1965 (77.4)	2905 (114.4)	2715 (106.8)
1640 (64.5)	1615 (63.6)	1640 (64.5)	1615 (63.6)	1640 (64.5)	1640 (64.5)
1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
—	225 (8.9)	225 (8.9)	—	—	225 (8.9)
30	30	30	30	30	30
—	20	20	—	—	20
1395 - 1480 (3075 - 3263), 1385 - 1470 (3053 - 3241)*3	1410 - 1500 (3109 - 3307)	1400 - 1500 (3086 - 3307), 1390 - 1490 (3064 - 3285)*3	1395 - 1470 (3075 - 3241)	1395 - 1465 (3075 - 3230)	1425 - 1460 (3142 - 3219), 1415 - 1450 (3120 - 3197)*3
1150 - 1220 (2535 - 2690), 1205 - 1265 (2657 - 2789)*3	1140 - 1215 (2513 - 2679)	1175 - 1205 (2590 - 2657), 1230 - 1260 (2712 - 2778)*3	1125 - 1250 (2480 - 2756)	1145 - 1245 (2524 - 2745)	1195 - 1295 (2635 - 2855), 1250 - 1350 (2756 - 2976)*3
2545 - 2700 (5611 - 5952), 2590 - 2735 (5710 - 6030)*3	2550 - 2715 (5622 - 5986)	2575 - 2705 (5677 - 5963), 2620 - 2750 (5776 - 6063)*3	2520 - 2720 (5556 - 5997)	2540 - 2710 (5600 - 5975)	2620 - 2755 (5776 - 6074), 2665 - 2800 (5875 - 6173)*3
1610 (3549)	1575 (3472)	1570 (3461), 1575 (3472)*3	1540 (3395)	1590 (3505)	1545 (3406)
1740 (3836)	1775 (3913)	1780 (3924), 1775 (3913)*3	1810 (3990)	1760 (3880)	1805 (3979)
3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)
93 (24.6, 20.5), 138 (36.5, 30.4)*1	138 (36.5, 30.4)	93 (24.6, 20.5), 138 (36.5, 30.4)*1	138 (36.5, 30.4)	93 (24.6, 20.5), 138 (36.5, 30.4)*1	93 (24.6, 20.5), 138 (36.5, 30.4)*1
0.060 (2.1)	0.909 (32.1)	0.259 (9.1)	0.909 (32.1)	0.060 (2.1)	0.259 (9.1)
170	170	170	170	170	210
—	170	170	—	—	210
—	12.0	12.0	—	—	8.6
—	18.2	18.2	—	—	16.2
—	35	35	—	—	51
—	64	64	—	—	86
—	106	106	—	—	125
—	158	158	—	—	169
—	170	170	—	—	210
—	—	—	—	—	210
—	5.9 (19.4)	5.9 (19.4)	—	—	5.9 (19.4)
—	6.3 (20.7)	6.3 (20.7)	—	—	6.3 (20.7)
1VD-FTV	1VD-FTV	1VD-FTV	1VD-FTV	1VD-FTV	1VD-FTV
8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type
32-valve, DOHC	32-valve, DOHC	32-valve, DOHC	32-valve, DOHC	32-valve, DOHC	32-valve, DOHC
86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)
4461 (272.2)	4461 (272.2)	4461 (272.2)	4461 (272.2)	4461 (272.2)	4461 (272.2)
16.8 : 1	16.8 : 1	16.8 : 1	16.8 : 1	16.8 : 1	16.8 : 1
Common-rail Type	Common-rail Type	Common-rail Type	Common-rail Type	Common-rail Type	Common-rail Type
48 or higher	48 or higher	48 or higher	48 or higher	48 or higher	48 or higher
136@3200	162@3600*2	162@3600*2	136@3200	136@3200	173@3200*2
430@1600 - 3000	430@1200 - 3600*2	430@1200 - 3600*2	430@1600 - 3000	430@1600 - 3000	615@1800 - 2200*2
12 - 110	12 - 110	12 - 110	12 - 110	12 - 110	12 - 110
1560	1560	1560	1560	1560	1560, 1800*11
2.7	2.7	2.7	2.7	2.7	2.7
Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	—
H150F	H150F	H150F	H150F	H150F	AB60F
4.529	4.529	4.529	4.529	4.529	3.333
2.464	2.464	2.464	2.464	2.464	1.960
1.490	1.490	1.490	1.490	1.490	1.353
1.000	1.000	1.000	1.000	1.000	1.000
0.881	0.881	0.881	0.881	0.881	0.728
—	—	—	—	—	0.588
4.313	4.313	4.313	4.313	4.313	3.061
1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
3.909/3.909	3.909/3.909	3.909/3.909	3.909/3.909	3.909/3.909	3.909/3.909
220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
—	—	—	—	—	—
Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
16.7	16.7	16.7	16.7	16.7	16.7
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

*10: Models with snorkel: + 65 mm (2.6 in.)
*11: Towing Package

Item \ Area				General Countries			
Body Type				Station Wagon (Lift-up/8-seater)	Station Wagon (Swing/9-seater, 10-seater*5)	Station Wagon (Lift-up/8-seater)	Station Wagon (Swing/5-seater)
Vehicle Grade				VX	Standard	GX	Standard
Model Code				VDJ200L-GNTEZ	GRJ200R-GDMRK	GRJ200L-GNMNK	GRJ200L-GCMRK
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4950 (194.9)*9, *10	4950 (194.9)*10	4950 (194.9)*8, *10	4950 (194.9)*8, *10
		Width	mm (in.)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
		Height	mm (in.)	1905 (74.9)*11, *12, *13	1905 (74.9)*11, *12	1905 (74.9)*11, *12	1905 (74.9)*11, *12
	Wheel Base		mm (in.)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
	Tread	Front	mm (in.)	1640 (64.5)	1680 (66.1)	1680 (66.1), 1640 (64.5)*7	1680 (66.1)
		Rear	mm (in.)	1635 (64.3)	1675 (65.9)	1675 (65.9), 1635 (64.3)*7	1675 (65.9)
	Room	Length	mm (in.)	2715 (106.8)	2905 (114.4)	2715 (106.8)	1965 (77.4)
		Width	mm (in.)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1615 (63.6)
		Height	mm (in.)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
	Overhang	Front	mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
		Rear	mm (in.)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
	Min. Running Ground Clearance		mm (in.)	225 (8.9)	—	225 (8.9)	—
	Angle of Approach		degrees	30	30	30	30
	Angle of Departure		degrees	20	—	20	—
	Curb Weight	Front	kg (lb)	1425 - 1460 (3142 - 3219), 1415 - 1450 (3120 - 3197)*3	1230 (2712)	1240 - 1335 (2734 - 2943)	1235 - 1305 (2723 - 2877)
		Rear	kg (lb)	1195 - 1295 (2635 - 2855), 1250 - 1350 (2756 - 2976)*3	1125 - 1275 (2480 - 2811)	1165 - 1260 (2568 - 2778)	1105 - 1235 (2436 - 2723)
		Total	kg (lb)	2620 - 2755 (5776 - 6074), 2665 - 2800 (5875 - 6173)*3	2355 - 2505 (5192 - 5523)	2405 - 2595 (5302 - 5721)	2340 - 2540 (5159 - 5600)
	Gross Vehicle Weight	Front	kg (lb)	1545 (3406)	1335 (2943)	1390 (3064)	1365 (3009)
		Rear	kg (lb)	1805 (3979)	1925 (4244)	1910 (4211)	1895 (4178)
		Total	kg (lb)	3350 (7385)	3260 (7187)	3300 (7275)	3260 (7187)
	Fuel Tank Capacity		L (US.gal, Imp. gal)	93 (24.6, 20.5), 138 (36.5, 30.4)*1	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)
	Luggage Capacity (VDA)		m^3 (cu.ft.)	0.259 (9.1)	0.060 (2.1)	0.259 (9.1)	0.909 (32.1)
Performance	Max. Speed		km/h	210	190	190	190
	Max. Cruising Speed		km/h	210	—	190	—
	Acceleration	0 to 100 km/h	sec.	8.6	—	11.0	—
		0 to 400 m	sec.	16.2	—	17.8	—
	Max. Permissible Speed	1st Gear	km/h	51	—	43	—
		2nd Gear	km/h	86	—	78	—
		3rd Gear	km/h	125	—	130	—
		4th Gear	km/h	169	—	193	—
		5th Gear	km/h	210	—	200	—
		6th Gear	km/h	210	—	—	—
	Min. Turning Radius	Tire	m (ft.)	5.9 (19.4)	—	5.9 (19.4)	—
		Body	m (ft.)	6.3 (20.7)	—	6.3 (20.7)	—
Engine	Engine Type			1VD-FTV	1GR-FE	1GR-FE	1GR-FE
	No. of Cyls. & Arrangement			8-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type
	Valve Mechanism			32-valve, DOHC	24-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)
	Bore × Stroke		mm (in.)	86.0 × 96.0 (3.39 × 3.78)	94.0 × 95.0 (3.70 × 3.74)	94.0 × 95.0 (3.70 × 3.74)	94.0 × 95.0 (3.70 × 3.74)
	Displacement		cm^3 (cu.in.)	4461 (272.2)	3956 (241.4)	3956 (241.4)	3956 (241.4)
	Compression Ratio			16.8 : 1	10.4 : 1	10.4 : 1	10.4 : 1
	Fuel System			Common-rail Type	EFI	EFI	EFI
	Research Octane No. (RON) or Cetane Number (Diesel)			48 or higher	95 or higher	95 or higher	95 or higher
	Max. Output		kW@rpm	173@3200*2, 195@3400*14	202@5600*2	202@5600*2	202@5600*2
	Max. Torque		N·m@rpm	615@1800 - 2200*2, 650@1600 - 2600*14	385@4400*2	385@4400*2	385@4400*2
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp.hr.	12 - 110	12 - 55	12 - 55	12 - 55
	Alternator Output		Watts	1560, 1800*4, *11	1200	1200	1200
	Starter Output		kW	2.7	1.4	1.4	1.4
Chassis	Clutch Type			—	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	Transmission Type			AB60F	H150F	H150F	H150F
	Transmission Gear Ratio	In 1st		3.333	4.529	4.529	4.529
		In 2nd		1.960	2.464	2.464	2.464
		In 3rd		1.353	1.490	1.490	1.490
		In 4th		1.000	1.000	1.000	1.000
		In 5th		0.728	0.881	0.881	0.881
		In 6th		0.588	—	—	—
		In Reverse		3.061	4.313	4.313	4.313
	Transfer Gear Ratio		H4/L4	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
	Differential Gear Ratio (Front/Rear)			3.909/3.909	4.300/4.300	4.300/4.300	4.300/4.300
	Differential Gear Size (Front/Rear)		mm (in.)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Parking Brake Type			Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
	Brake Booster Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Proportioning Valve Type			—	—	—	—
	Suspension Type	Front		Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
		Rear		4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
	Stabilizer Bar	Front		Standard	Standard	Standard	Standard
		Rear		Standard	Standard	Standard	Standard
	Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio			16.7	16.7	16.7	16.7
	Power Steering Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic

*1: Option
*2: EEC-NET
*3: Models with sub fuel tank
*4: Towing Package
*5: Models with bench type front passenger seat
*6: Models with VGRS
*7: Models with 285 mm width tires
*8: Models with winch assembly: + 55 mm (2.2 in.)
*9: Models with front bumper guard: + 75 mm (3.0 in.)

General Countries		G.C.C. Countries			
Station Wagon (Swing/9-seater, 10-seater*5)	Station Wagon (Lift-up/8-seater)	Station Wagon (Lift-up/9-seater)	Station Wagon (Lift-up/8-seater)	Station Wagon (Swing/9-seater)	
Standard	VX	GX			
GRJ200L-GDMRK	URJ202L-GNTEK	GRJ200L-GNANKV	GRJ200L-GPANKV	GRJ200L-GNMNKV	GRJ200L-GDMNKV
4950 (194.9)*8, *10	4950 (194.9)*9, *10	4950 (194.9)*8, *9, *10	4950 (194.9)*10	4950 (194.9)*8, *9, *10	4950 (194.9)*8, *9, *10
1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
1905 (74.9)*11, *12	1905 (74.9)*11, *12	1890 (74.3)*11	1890 (74.3)	1890 (74.3)*11	1890 (74.3)*11
2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
1680 (66.1)	1640 (64.5)	1680 (66.1), 1640 (64.5)*7	1680 (66.1)	1680 (66.1), 1640 (64.5)*7	1680 (66.1), 1640 (64.5)*7
1675 (65.9)	1635 (64.3)	1675 (65.9), 1635 (64.3)*7	1675 (65.9)	1675 (65.9), 1635 (64.3)*7	1675 (65.9), 1635 (64.3)*7
2905 (114.4)	2715 (106.8)	2715 (106.8)	2905 (114.4)	2715 (106.8)	2905 (114.4)
1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)
1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
—	—	225 (8.9)	225 (8.9)	225 (8.9)	—
30	30	30	30	30	30
—	—	20	20	20	—
1235 - 1315 (2723 - 2899)	1325 - 1350 (2921 - 2976)	1230 - 1360 (2712 - 2998)	1225 - 1300 (2701 - 2866)	1225 - 1320 (2701 - 2910)	1225 - 1330 (2701 - 2932)
1120 - 1250 (2469 - 2756)	1300 - 1450 (2866 - 3197)	1220 - 1305 (2690 - 2877)	1200 - 1270 (2646 - 2800)	1215 - 1280 (2679 - 2822)	1170 - 1265 (2579 - 2789)
2355 - 2565 (5192 - 5655)	2625 - 2800 (5787 - 6173)	2450 - 2665 (5401 - 5875)	2425 - 2570 (5346 - 5666)	2440 - 2600 (5379 - 5732)	2395 - 2595 (5280 - 5721)
1425 (3142)	1445 (3186)	1435 (3164)	1360 (2998)	1380 (3042)	1395 (3075)
1875 (4134)	1905 (4200)	1865 (4112)	1900 (4189)	1920 (4233)	1905 (4200)
3300 (7275)	3350 (7385)	3300 (7275)	3260 (7187)	3300 (7275)	3300 (7275)
138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)
0.060 (2.1)	0.259 (9.1)	0.259 (9.1)	0.060 (2.1)	0.259 (9.1)	0.060 (2.1)
190	205	190	190	190	190
—	—	190	190	190	—
—	—	10.7	10.7	11.0	—
—	—	17.6	17.6	17.6	—
—	—	56	56	56	—
—	—	96	96	96	—
—	—	140	140	140	—
—	—	190	190	200	—
—	—	190	190	200	—
—	—	—	—	—	—
—	—	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	—
—	—	6.3 (20.7)	6.3 (20.7)	6.3 (20.7)	—
1GR-FE	1UR-FE	1GR-FE	1GR-FE	1GR-FE	1GR-FE
6-cylinder, V Type	8-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type	6-cylinder, V Type
24-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)
94.0 × 95.0 (3.70 × 3.74)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 95.0 (3.70 × 3.74)	94.0 × 95.0 (3.70 × 3.74)	94.0 × 95.0 (3.70 × 3.74)	94.0 × 95.0 (3.70 × 3.74)
3956 (241.4)	4608 (281.2)	3956 (241.4)	3956 (241.4)	3956 (241.4)	3956 (241.4)
10.4 : 1	10.2 : 1	10.4 : 1	10.4 : 1	10.4 : 1	10.4 : 1
EFI	EFI	EFI	EFI	EFI	EFI
95 or higher	91 or higher	95 or higher	95 or higher	95 or higher	95 or higher
202@5600*2	227@5500	202@5600*2	202@5600*2	202@5600*2	202@5600*2
385@4400*2	439@3400	385@4400*2	385@4400*2	385@4400*2	385@4400*2
12 - 55	12 - 55	12 - 58	12 - 58, 12 - 64*15	12 - 58	12 - 58
1200	1560, 1800*4	1200	1200	1200	1200
1.4	2.0	1.4	1.4	1.4	1.4
Dry, Single Plate, Diaphragm	—	—	—	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
H150F	AB60F	A750F	A750F	H150F	H150F
4.529	3.333	3.520	3.520	4.529	4.529
2.464	1.960	2.042	2.042	2.464	2.464
1.490	1.353	1.400	1.400	1.490	1.490
1.000	1.000	1.000	1.000	1.000	1.000
0.881	0.728	0.716	0.716	0.881	0.881
—	0.588	—	—	—	—
4.313	3.061	3.224	3.224	4.313	4.313
1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
4.300/4.300	4.300/4.300	4.100/4.100	4.100/4.100	4.300/4.300	4.300/4.300
220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
—	—	—	—	—	—
Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
16.7	16.7, 14.2 - 17.6*6	16.7	16.7	16.7	16.7
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

*10: Models with pintle hook assembly: + 145 mm (5.7 in.)
*11: Models with roof side rail: + 40 mm (1.6 in.)
*12: Models with roof rack: + 235 mm (9.3 in.)
*13: Models with snorkel: + 65 mm (2.6 in.)
*14: Models for Argentina
*15: Cold area specification models

Item \ Area				G.C.C. Countries			
Body Type				Station Wagon (Swing/9-seater, 10-seater*1)	Station Wagon (Lift-up/8-seater)	Station Wagon (Swing/9-seater)	Station Wagon (Swing/9-seater, 10-seater*1)
Vehicle Grade				Standard	GX		Standard
Model Code				GRJ200L-GDMRKV	VDJ200L-GNMNZV	VDJ200L-GDMNZV	VDJ200L-GDMRZV
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4950 (194.9)*7, *9	4950 (194.9)*7, *8, *9	4950 (194.9)*8, *9	4950 (194.9)*9
		Width	mm (in.)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
		Height	mm (in.)	1890 (74.3)*10	1890 (74.3)*10	1890 (74.3)*10	1890 (74.3)*10
	Wheel Base		mm (in.)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
	Tread	Front	mm (in.)	1680 (66.1)	1680 (66.1), 1640 (64.5)*6	1680 (66.1), 1640 (64.5)*6	1680 (66.1)
		Rear	mm (in.)	1675 (65.9)	1675 (65.9), 1635 (64.3)*6	1675 (65.9), 1635 (64.3)*6	1675 (65.9)
	Room	Length	mm (in.)	2905 (114.4)	2715 (106.8)	2905 (114.4)	2905 (114.4)
		Width	mm (in.)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)
		Height	mm (in.)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
	Overhang	Front	mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
		Rear	mm (in.)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
	Min. Running Ground Clearance		mm (in.)	—	225 (8.9)	—	—
	Angle of Approach		degrees	30	30	30	30
	Angle of Departure		degrees	—	20	—	—
	Curb Weight	Front	kg (lb)	1225 - 1310 (2701 - 2888)	1390 - 1480 (3064 - 3263)	1420 - 1450 (3131 - 3197)	1420 - 1430 (3131 - 3153)
		Rear	kg (lb)	1180 - 1230 (2601 - 2712)	1215 - 1270 (2679 - 2800)	1175 - 1285 (2590 - 2833)	1190 - 1260 (2623 - 2778)
		Total	kg (lb)	2405 - 2540 (5302 - 5600)	2605 - 2750 (5743 - 6063)	2595 - 2735 (5721 - 6030)	2610 - 2690 (5754 - 5930)
	Gross Vehicle Weight	Front	kg (lb)	1420 (3131)	1565 (3450)	1525 (3362)	1550 (3417)
		Rear	kg (lb)	1840 (4057)	1785 (3935)	1825 (4023)	1800 (3968)
		Total	kg (lb)	3260 (7187)	3350 (7385)	3350 (7385)	3350 (7385)
	Fuel Tank Capacity		L (US.gal, Imp. gal)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)
	Luggage Capacity (VDA)		m^3 (cu.ft.)	0.060 (2.1)	0.259 (9.1)	0.060 (2.1)	0.060 (2.1)
Performance	Max. Speed		km/h	190	170	170	170
	Max. Cruising Speed		km/h	—	170	—	—
	Acceleration	0 to 100 km/h	sec.	—	12.0	—	—
		0 to 400 m	sec.	—	18.2	—	—
	Max. Permissible Speed	1st Gear	km/h	—	35	—	—
		2nd Gear	km/h	—	64	—	—
		3rd Gear	km/h	—	106	—	—
		4th Gear	km/h	—	158	—	—
		5th Gear	km/h	—	170	—	—
		6th Gear	km/h	—	—	—	—
	Min. Turning Radius	Tire	m (ft.)	—	5.9 (19.4)	—	—
		Body	m (ft.)	—	6.3 (20.7)	—	—
Engine	Engine Type			1GR-FE	1VD-FTV	1VD-FTV	1VD-FTV
	No. of Cyls. & Arrangement			6-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type
	Valve Mechanism			24-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve, DOHC	32-valve, DOHC	32-valve, DOHC
	Bore × Stroke		mm (in.)	94.0 × 95.0 (3.70 × 3.74)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)
	Displacement		cm^3 (cu.in.)	3956 (241.4)	4461 (272.2)	4461 (272.2)	4461 (272.2)
	Compression Ratio			10.4 : 1	16.8 : 1	16.8 : 1	16.8 : 1
	Fuel System			EFI	Common-rail Type	Common-rail Type	Common-rail Type
	Research Octane No. (RON) or Cetane Number (Diesel)			95 or higher	48 or higher	48 or higher	48 or higher
	Max. Output		kW@rpm	202@5600*2	162@3600*2	162@3600*2	162@3600*2
	Max. Torque		N·m@rpm	385@4400*2	430@1200 - 3600*2	430@1200 - 3600*2	430@1200 - 3600*2
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp.hr.	12 - 58	12 - 116	12 - 116	12 - 116
	Alternator Output		Watts	1200	1560	1560	1560
	Starter Output		kW	1.4	2.7	2.7	2.7
Chassis	Clutch Type			Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm	Dry, Single Plate, Diaphragm
	Transmission Type			H150F	H150F	H150F	H150F
	Transmission Gear Ratio	In 1st		4.529	4.529	4.529	4.529
		In 2nd		2.464	2.464	2.464	2.464
		In 3rd		1.490	1.490	1.490	1.490
		In 4th		1.000	1.000	1.000	1.000
		In 5th		0.881	0.881	0.881	0.881
		In 6th		—	—	—	—
		In Reverse		4.313	4.313	4.313	4.313
	Transfer Gear Ratio		H4/L4	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
	Differential Gear Ratio (Front/Rear)			4.300/4.300	3.909/3.909	3.909/3.909	3.909/3.909
	Differential Gear Size (Front/Rear)		mm (in.)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Parking Brake Type			Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
	Brake Booster Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Proportioning Valve Type			—	—	—	—
	Suspension Type	Front		Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
		Rear		4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
	Stabilizer Bar	Front		Standard	Standard	Standard	Standard
		Rear		Standard	Standard	Standard	Standard
	Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio			16.7	16.7	16.7	16.7
	Power Steering Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic

*1: Models with bench type front passenger seat
*2: EEC-NET
*3: ECC
*4: Models with rear No. 2 seat for 2 passengers
*5: Models with VGRS
*6: Models with 285 mm width tires
*7: Models with winch assembly: + 55 mm (2.2 in.)
*8: Models with front bumper guard: + 75 mm (3.0 in.)
*9: Models with pintle hook assembly: + 145 mm (5.7 in.)

G.C.C. Countries				Australia	
Station Wagon (Lift-up/8-seater)					Station Wagon (Lift-up/7-seater*4, 8-seater)
GX		VX		GX	VX
VDJ200L-GNTNZV	URJ202L-GNTNKV	URJ202L-GNTEKV	URJ200L-GNTEKV	VDJ200R-GNTNZQ	VDJ200R-GNTEZQ
4950 (194.9)*8, *9	4950 (194.9)*7, *8, *9	4950 (194.9)*8, *9	4950 (194.9)*8, *9	4990 (196.5)	4990 (196.5)
1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
1890 (74.3)*10	1890 (74.3)*10	1890 (74.3)*10	1890 (74.3)*10	1945 (76.6)*11	1945 (76.6)*11
2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
1680 (66.1), 1640 (64.5)*6	1680 (66.1), 1640 (64.5)*6	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)
1675 (65.9), 1635 (64.3)*6	1675 (65.9), 1635 (64.3)*6	1635 (64.3)	1635 (64.3)	1635 (64.3)	1635 (64.3)
2715 (106.8)	2715 (106.8)	2715 (106.8)	2715 (106.8)	2715 (106.8)	2715 (106.8)
1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)
1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
225 (8.9)	—	—	225 (8.9)	225 (8.9)	225 (8.9)
30	30	30	30	30	30
20	—	—	20	20	20
1400 - 1490 (3086 - 3285)	1300 - 1420 (2866 - 3131)	1305 - 1355 (2877 - 2987)	1310 - 1360 (2888 - 2998)	1410 - 1480 (3109 - 3263)	1460 - 1510 (3219 - 3329)
1215 - 1260 (2679 - 2778)	1255 - 1330 (2767 - 2932)	1280 - 1380 (2822 - 3042)	1280 - 1380 (2822 - 3042)	1220 - 1250 (2690 - 2756)	1245 - 1240 (2745 - 2734)
2615 - 2750 (5765 - 6063)	2555 - 2750 (5633 - 6063)	2585 - 2735 (5699 - 6030)	2590 - 2740 (5710 - 6041)	2630 - 2730 (5798 - 6019)	2705 - 2750 (5963 - 6063)
1575 (3472)	1505 (3318)	1435 (3164)	1440 (3175)	1560 (3439)	1580 (3483)*4, 1595 (3516)
1775 (3913)	1845 (4068)	1915 (4222)	1910 (4211)	1790 (3946)	1770 (3902)*4, 1755 (3869)
3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)
138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	93 (24.6, 20.5), 138 (36.5, 30.4)*4
0.259 (9.1)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)
210	205	205	210	210	210
210	—	—	210	210	210
8.6	—	—	7.8	8.6	8.6
16.2	—	—	15.8	16.2	16.2
51	—	—	66	51	51
86	—	—	113	86	86
125	—	—	164	125	125
169	—	—	210	169	169
210	—	—	210	210	210
210	—	—	210	210	210
5.9 (19.4)	—	—	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)
6.3 (20.7)	—	—	6.3 (20.7)	6.3 (20.7)	6.3 (20.7)
1VD-FTV	1UR-FE	1UR-FE	3UR-FE	1VD-FTV	1VD-FTV
8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type
32-valve, DOHC	32-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve, DOHC	32-valve, DOHC
86.0 × 96.0 (3.39 × 3.78)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 102.0 (3.70 × 4.02)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)
4461 (272.2)	4608 (281.2)	4608 (281.2)	5663 (345.6)	4461 (272.2)	4461 (272.2)
16.8 : 1	10.2 : 1	10.2 : 1	10.2 : 1	16.8 : 1	16.8 : 1
Common-rail Type	EFI	EFI	EFI	Common-rail Type	Common-rail Type
48 or higher	91 or higher	91 or higher	91 or higher	48 or higher	48 or higher
173@3200*2	227@5500*3	227@5500*3	270@5600	195@3400*2	195@3400*2
615@1800 - 2200*2	439@3400*3	439@3400*3	530@3200	650@1600 - 2600*2	650@1600 - 2600*2
12 - 116	12 - 58	12 - 58	12 - 58	12 - 110	12 - 110
1560	1800	1800	1800	1800	1800
2.7	2.0	2.0	2.0	2.7	2.7
—	—	—	—	—	—
AB60F	AB60F	AB60F	AB60F	AB60F	AB60F
3.333	3.333	3.333	3.333	3.333	3.333
1.960	1.960	1.960	1.960	1.960	1.960
1.353	1.353	1.353	1.353	1.353	1.353
1.000	1.000	1.000	1.000	1.000	1.000
0.728	0.728	0.728	0.728	0.728	0.728
0.588	0.588	0.588	0.588	0.588	0.588
3.061	3.061	3.061	3.061	3.061	3.061
1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
3.909/3.909	4.300/4.300	4.300/4.300	3.909/3.909	3.909/3.909	3.909/3.909
220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
—	—	—	—	—	—
Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard
Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
16.7	16.7	16.7, 14.2 - 17.6*5	16.7, 14.2 - 17.6*5	16.7	16.7
Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

*10: Models with roof side rail: + 40 mm (1.6 in.)
*11: Models with snorkel: + 65 mm (2.6 in.)

Item \ Area			Australia			Europe
Body Type			Station Wagon (Swing/5-seater)	Station Wagon (Lift-up/8-seater)		Station Wagon (Lift-up/5-seater)
Vehicle Grade			Standard	GX	VX	
Model Code			VDJ200R-GCTRZQ	URJ202R-GNTNKQ	URJ202R-GNTEKQ	URJ202L-GMTEKW
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4990 (196.5)	4990 (196.5)	4990 (196.5)	4950 (194.9)
		Width mm (in.)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
		Height mm (in.)	1945 (76.6)*7	1945 (76.6)	1945 (76.6)	1950 (76.8)
	Wheel Base	mm (in.)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
	Tread	Front mm (in.)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)
		Rear mm (in.)	1635 (64.3)	1635 (64.3)	1635 (64.3)	1635 (64.3)
	Room	Length mm (in.)	1965 (77.4)	2715 (106.8)	2715 (106.8)	1965 (77.4)
		Width mm (in.)	1615 (63.6)	1640 (64.5)	1640 (64.5)	1615 (63.6)
		Height mm (in.)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
	Overhang	Front mm (in.)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
		Rear mm (in.)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)
	Min. Running Ground Clearance	mm (in.)	—	—	—	—
	Angle of Approach	degrees	30	30	30	30
	Angle of Departure	degrees	—	—	—	—
	Curb Weight	Front kg (lb)	1430 - 1435 (3153 - 3164)	1320 - 1360 (2910 - 2998)	1340 - 1365 (2954 - 3009)	1350 - 1400 (2976 - 3086)
		Rear kg (lb)	1205 (2657)	1265 - 1300 (2789 - 2866)	1300 - 1355 (2866 - 2987)	1160 - 1280 (2557 - 2822)
		Total kg (lb)	2635 - 2640 (5809 - 5820)	2585 - 2660 (5699 - 5864)	2640 - 2720 (5820 - 5997)	2510 - 2680 (5534 - 5908)
	Gross Vehicle Weight	Front kg (lb)	1495 (3296)	1420 (3131)	1440 (3175)	1470 (3241)
		Rear kg (lb)	1855 (4090)	1930 (4255)	1910 (4211)	1880 (4145)
		Total kg (lb)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)
	Fuel Tank Capacity	L (US.gal, Imp. gal)	138 (36.5, 30.4)	138 (36.5, 30.4)	138 (36.5, 30.4)	93 (24.6, 20.5)
	Luggage Capacity (VDA)	m^3 (cu.ft.)	0.909 (32.1)	0.259 (9.1)	0.259 (9.1)	0.909 (32.1)
Performance	Max. Speed	km/h	210	205	205	205
	Max. Cruising Speed	km/h	—	—	—	—
	Acceleration	0 to 100 km/h sec.	—	—	—	—
		0 to 400 m sec.	—	—	—	—
	Max. Permissible Speed	1st Gear km/h	—	—	—	—
		2nd Gear km/h	—	—	—	—
		3rd Gear km/h	—	—	—	—
		4th Gear km/h	—	—	—	—
		5th Gear km/h	—	—	—	—
		6th Gear km/h	—	—	—	—
	Min. Turning Radius	Tire m (ft.)	—	—	—	—
		Body m (ft.)	—	—	—	—
Engine	Engine Type		1VD-FTV	1UR-FE	1UR-FE	1UR-FE
	No. of Cyls. & Arrangement		8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type
	Valve Mechanism		32-valve, DOHC	32-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve DOHC, Chain Drive (with Dual VVT-i)
	Bore × Stroke	mm (in.)	86.0 × 96.0 (3.39 × 3.78)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 83.0 (3.70 × 3.27)
	Displacement	cm^3 (cu.in.)	4461 (272.2)	4608 (281.2)	4608 (281.2)	4608 (281.2)
	Compression Ratio		16.8 : 1	10.2 : 1	10.2 : 1	10.2 : 1
	Fuel System		Common-rail Type	EFI	EFI	EFI
	Research Octane No. (RON) or Cetane Number (Diesel)		48 or higher	91 or higher	91 or higher	95 or higher
	Max. Output	kW@rpm	195@3400*1	227@5500*4	227@5500*4	234@5600*4, *8, 227@5500*4, *9
	Max. Torque	N·m@rpm	650@1600 - 2600*1	439@3400*4	439@3400*4	460@3400*4, 439@3400*4
Engine Electrical	Battery Capacity (5HR)	Voltage & Amp.hr.	12 - 110	12 - 55	12 - 55	12 - 55, 12 - 64*2, *12
	Alternator Output	Watts	1800	1800	1800	1800, 2160*11
	Starter Output	kW	2.7	2.0	2.0	2.0
Chassis	Clutch Type		—	—	—	—
	Transmission Type		AB60F	AB60F	AB60F	AB60F
	Transmission Gear Ratio	In 1st	3.333	3.333	3.333	3.333
		In 2nd	1.960	1.960	1.960	1.960
		In 3rd	1.353	1.353	1.353	1.353
		In 4th	1.000	1.000	1.000	1.000
		In 5th	0.728	0.728	0.728	0.728
		In 6th	0.588	0.588	0.588	0.588
		In Reverse	3.061	3.061	3.061	3.061
	Transfer Gear Ratio	H4/L4	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
	Differential Gear Ratio (Front/Rear)		3.909/3.909	4.300/4.300	4.300/4.300	4.300/4.300
	Differential Gear Size (Front/Rear)	mm (in.)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
	Brake Type	Front	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Parking Brake Type		Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
	Brake Booster Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Proportioning Valve Type		—	—	—	—
	Suspension Type	Front	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
		Rear	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
	Stabilizer Bar	Front	Standard	Standard	Standard	Standard
		Rear	Standard	Standard	Standard	Standard
	Steering Gear Type		Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio		16.7	16.7	16.7	16.7, 14.2 - 17.6*3
	Power Steering Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic

*1: EEC-NET
*2: Cold area specification models
*3: Models with VGRS
*4: ECC
*5: Models for India
*6: Models compliant with EURO 5 emission regulations
*7: Models with snorkel: + 65 mm (2.6 in.)
*8: Models compliant with EURO 5 emission regulations
*9: Models compliant with EURO 4 emission regulations

	Europe				South Africa	China
	Station Wagon (Lift-up/7-seater)		Station Wagon (Lift-up/5-seater)	Station Wagon (Lift-up/7-seater)		Station Wagon (Lift-up/8-seater)
	VX					GX
	URJ202L-GNTEKW	VDJ200R-GNTEZW	VDJ200L-GMTEZW	VDJ200L-GNTEZW	URJ202R-GNTEKW	GRJ200L-GNANKC
	4950 (194.9)	4950 (194.9)	4950 (194.9)	4950 (194.9)	4950 (194.9)	5095 (200.6)
	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
	1950 (76.8)	1950 (76.8)	1950 (76.8)	1950 (76.8)	1950 (76.8)	1930 (76.0)
	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)	1640 (64.5)
	1635 (64.3)	1635 (64.3)	1635 (64.3)	1635 (64.3)	1635 (64.3)	1635 (64.3)
	2715 (106.8)	2715 (106.8)	1965 (77.4)	2715 (106.8)	2715 (106.8)	2715 (106.8)
	1640 (64.5)	1640 (64.5)	1615 (63.6)	1640 (64.5)	1640 (64.5)	1640 (64.5)
	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)	930 (36.6)
	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1315 (51.8)
	—	225 (8.9)	225 (8.9)	225 (8.9)	—	225 (8.9)
	30	30	30	30	30	30
	—	20	20	20	—	20
	1350 - 1390 (2976 - 3064)	1445 - 1480 (3186 - 3263) 1475 - 1480 (3252 - 3263)*5	1445 - 1515 (3186 - 3340)	1445 - 1480 (3186 - 3263)	1350 - 1400 (2976 - 3086)	1255 - 1360 (2767 - 2998)
	1160 - 1320 (2557 - 2910)	1065 - 1260 (2348 - 2778) 1250 - 1260 (2756 - 2778)*5	1065 - 1225 (2348 - 2701)	1065 - 1260 (2348 - 2778)	1160 - 1320 (2557 - 2910)	1285 (2833)
	2510 - 2710 (5534 - 5975)	2510 - 2740 (5534 - 6041) 2725 - 2740 (6008 - 6041)*5	2510 - 2740 (5534 - 6041)	2510 - 2740 (5534 - 6041)	2510 - 2720 (5534 - 5997)	2540 - 2645 (5600 - 5831)
	1450 (3197)	1550 (3417)	1590 (3505)	1550 (3417)	1465 (3230)	1430 (3153)
	1900 (4189)	1800 (3968)	1760 (3880)	1800 (3968)	1885 (4156)	1870 (4123)
	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)	3350 (7385)	3300 (7275)
	93 (24.6, 20.5)	93 (24.6, 20.5)	93 (24.6, 20.5)	93 (24.6, 20.5)	93 (24.6, 20.5)	138 (36.5, 30.4)
	0.259 (9.1)	0.259 (9.1)	0.909 (32.1)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)
	205	210	210	210	205	190
	—	210	210	210	—	190
	—	8.6	8.6	8.6	—	10.7
	—	16.2	16.2	16.2	—	17.6
	—	51	51	51	—	56
	—	86	86	86	—	96
	—	125	125	125	—	140
	—	169	169	169	—	190
	—	210	210	210	—	190
	—	210	210	210	—	—
	—	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	—	5.9 (19.4)
	—	6.3 (20.7)	6.3 (20.7)	6.3 (20.7)	—	6.3 (20.7)
	1UR-FE	1VD-FTV	1VD-FTV	1VD-FTV	1UR-FE	1GR-FE
	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	8-cylinder, V Type	6-cylinder, V Type
	32-valve DOHC, Chain Drive (with Dual VVT-i)	32-valve, DOHC	32-valve, DOHC	32-valve, DOHC	32-valve DOHC, Chain Drive (with Dual VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)
	94.0 × 83.0 (3.70 × 3.27)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	86.0 × 96.0 (3.39 × 3.78)	94.0 × 83.0 (3.70 × 3.27)	94.0 × 95.0 (3.70 × 3.74)
	4608 (281.2)	4461 (272.2)	4461 (272.2)	4461 (272.2)	4608 (281.2)	3956 (241.4)
	10.2 : 1	16.8 : 1	16.8 : 1	16.8 : 1	10.2 : 1	10.4 : 1
	EFI	Common-rail Type	Common-rail Type	Common-rail Type	EFI	EFI
	95 or higher	48 or higher	48 or higher	48 or higher	91 or higher	95 or higher
	234@5600*4, *8, 227@5500*4, *9	173@3200*1, 195@3400*5, 200@3600*6	173@3200*1, 200@3600*6	173@3200*1, 200@3600*6	234@5600*4, *8, 227@5500*4, *9	202@5600*1
	460@3400*4, 439@3400*4	650@1600 - 2800*1	650@1600 - 2800*1	650@1600 - 2800*1	460@3400*4, 439@3400*4	385@4400*1
	12 - 55, 12 - 64*2, *12	12 - 110, 12 - 128*2	12 - 110, 12 - 128*2	12 - 110, 12 - 128*2	12 - 64	12 - 64
	1800, 2160*11	2160, 1800*5	2160	2160, 1800*10	1800	1560
	2.0	2.7	2.7	2.7	2.0	1.4
	—	—	—	—	—	—
	AB60F	AB60F	AB60F	AB60F	AB60F	A750F
	3.333	3.333	3.333	3.333	3.333	3.520
	1.960	1.960	1.960	1.960	1.960	2.042
	1.353	1.353	1.353	1.353	1.353	1.400
	1.000	1.000	1.000	1.000	1.000	1.000
	0.728	0.728	0.728	0.728	0.728	0.716
	0.588	0.588	0.588	0.588	0.588	—
	3.061	3.061	3.061	3.061	3.061	3.224
	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
	4.300/4.300	3.909/3.909	3.909/3.909	3.909/3.909	4.300/4.300	4.100/4.100
	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)	220 (8.7)/240 (9.5)
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	—	—	—	—	—	—
	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone	Double-wishbone
	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod	4-link with Lateral Rod
	Standard	Standard	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard	Standard	Standard
	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	16.7, 14.2 - 17.6*3	14.2 - 17.6	16.7, 14.2 - 17.6*3	16.7, 14.2 - 17.6*3	16.7	16.7
	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

*10: Models for Morocco
*11: Models with heated windshield defroster
*12: Models with intrusion sensor

Item \ Area				China
Body Type				Station Wagon (Lift-up/8-seater)
Vehicle Grade				VX
Model Code				URJ202L-GNTEKC
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	5095 (200.6)
		Width	mm (in.)	1970 (77.6)
		Height	mm (in.)	1945 (76.5)
	Wheel Base		mm (in.)	2850 (112.2)
	Tread	Front	mm (in.)	1640 (64.5)
		Rear	mm (in.)	1635 (64.3)
	Room	Length	mm (in.)	2715 (106.8)
		Width	mm (in.)	1640 (64.5)
		Height	mm (in.)	1200 (47.2)
	Overhang	Front	mm (in.)	930 (36.6)
		Rear	mm (in.)	1315 (51.8)
	Min. Running Ground Clearance		mm (in.)	—
	Angle of Approach		degrees	30
	Angle of Departure		degrees	—
	Curb Weight	Front	kg (lb)	1370 - 1395 (3020 - 3075)
		Rear	kg (lb)	1305 - 1330 (2877 - 2932)
		Total	kg (lb)	2675 - 2725 (5897 - 6008)
	Gross Vehicle Weight	Front	kg (lb)	1470 (3241)
		Rear	kg (lb)	1880 (4145)
		Total	kg (lb)	3350 (7385)
	Fuel Tank Capacity		L (US.gal, Imp. gal)	138 (36.5, 30.4)
	Luggage Capacity (VDA)		m^3 (cu.ft.)	0.259 (9.1)
Performance	Max. Speed		km/h	—
	Max. Cruising Speed		km/h	—
	Acceleration	0 to 100 km/h	sec.	—
		0 to 400 m	sec.	—
	Max. Permissible Speed	1st Gear	km/h	—
		2nd Gear	km/h	—
		3rd Gear	km/h	—
		4th Gear	km/h	—
		5th Gear	km/h	—
		6th Gear	km/h	—
	Min. Turning Radius	Tire	m (ft.)	—
		Body	m (ft.)	—
Engine	Engine Type			1UR-FE
	No. of Cyls. & Arrangement			8-cylinder, V Type
	Valve Mechanism			32-valve DOHC, Chain Drive (with Dual VVT-i)
	Bore × Stroke		mm (in.)	94.0 × 83.0 (3.70 × 3.27)
	Displacement		cm^3 (cu.in.)	4608 (281.2)
	Compression Ratio			10.2 : 1
	Fuel System			EFI
	Research Octane No. (RON)			97 or higher
	Max. Output		kW@rpm	228@5500*
	Max. Torque		N·m@rpm	453@3400*
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp.hr.	12 - 64
	Alternator Output		Watts	1800
	Starter Output		kW	2.0
Chassis	Clutch Type			—
	Transmission Type			AB60F
	Transmission Gear Ratio	In 1st		3.333
		In 2nd		1.960
		In 3rd		1.353
		In 4th		1.000
		In 5th		0.728
		In 6th		0.588
		In Reverse		3.061
	Transfer Gear Ratio		H4/L4	1.000/2.618
	Differential Gear Ratio (Front/Rear)			4.300/4.300
	Differential Gear Size (Front/Rear)		mm (in.)	220 (8.7)/240 (9.5)
	Brake Type	Front		Ventilated Disc
		Rear		Ventilated Disc
	Parking Brake Type			Duo-servo Drum
	Brake Booster Type			Hydraulic
	Proportioning Valve Type			—
	Suspension Type	Front		Double-wishbone
		Rear		4-link with Lateral Rod
	Stabilizer Bar	Front		Standard
		Rear		Standard
	Steering Gear Type			Rack and Pinion
	Steering Gear Ratio			16.7
	Power Steering Type			Hydraulic

*: ECC