

FOREWORD

To assist you in your sales and service activities, this manual explains the main characteristics of the new RAV4, in particular providing a technical explanation of the construction and operation of new mechanisms and new technology used.

Applicable models: ACA33. 38, GSA33, 38 series

This manual is divided into 3 sections.

- 1. New Model Outline** - Explanation of the product to give a general understanding of its features.
- 2. Technical Description** - Technical explanation of the construction and operation of each new system and component.
- 3. Appendix** - Major technical specifications of the vehicle.

CAUTION, **NOTICE**, **REFERENCE** and **NOTE** are used in the following ways:

CAUTION	A potentially hazardous situation which could result in injury if instructions are ignored.
NOTICE	Damage to the vehicle or components may occur if instructions are ignored.
REFERENCE	Explains the theory behind mechanisms and techniques.
NOTE	Notes or comments not included under the above 3 titles.

For detailed service specifications and repair procedures, refer to the following Repair Manuals:

Manual Name	Pub. No.
▶ 2006 RAV4 Repair Manual	RM01M1U
▶ 2006 RAV4 Electrical Wiring Diagram	EM01M1U

All information contained herein is the most up-to-date at the time of publication. We reserve the right to make changes without prior notice.

TOYOTA MOTOR CORPORATION

MODEL CODE

ACA33 L - A N P X K A

1**2****3****4****5****6****7****8**

1	BASIC MODEL CODE		
	CODE	DRIVE TYPE	ENGINE
	ACA33	4WD	2AZ-FE
	ACA38	2WD	
	GSA33	4WD	2GR-FE
	GSA38	2WD	

2	STEERING WHEEL POSITION
	L: Left-hand Drive

3	MODEL NAME
	A: RAV4

4	BODY TYPE
	N: 5-door Wagon

5	GEAR SHIFT TYPE
	P: 4-speed Automatic, Floor A: 5-speed Automatic, Floor

6	GRADE
	X: — (Standard) G: Limited S: Sport

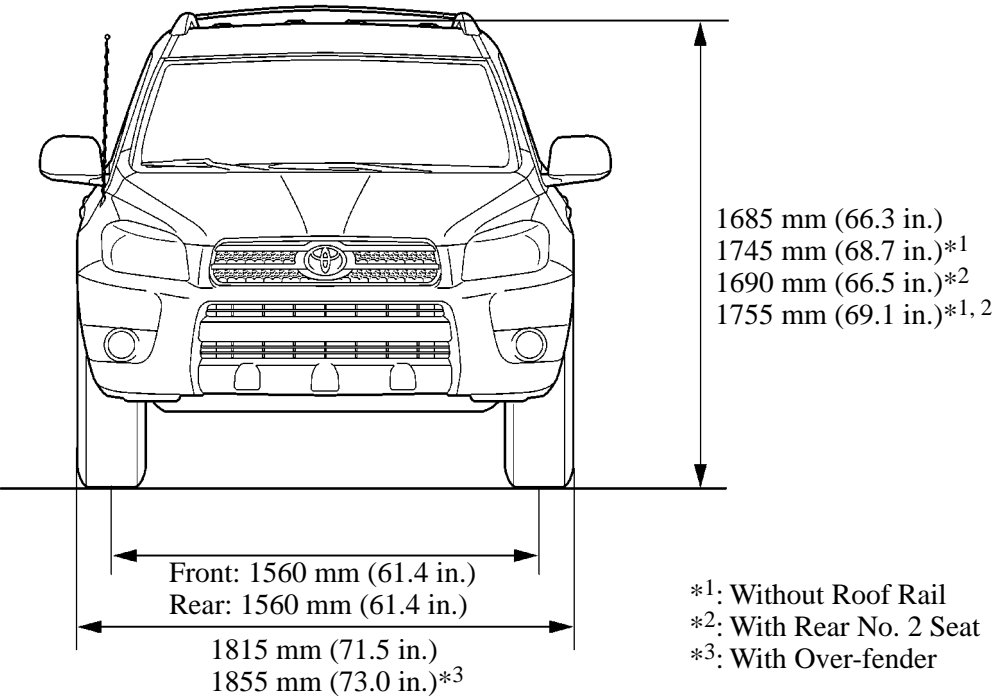
7	ENGINE SPECIFICATION
	K: DOHC and SFI

8	DESTINATION
	A: U.S.A. K: Canada

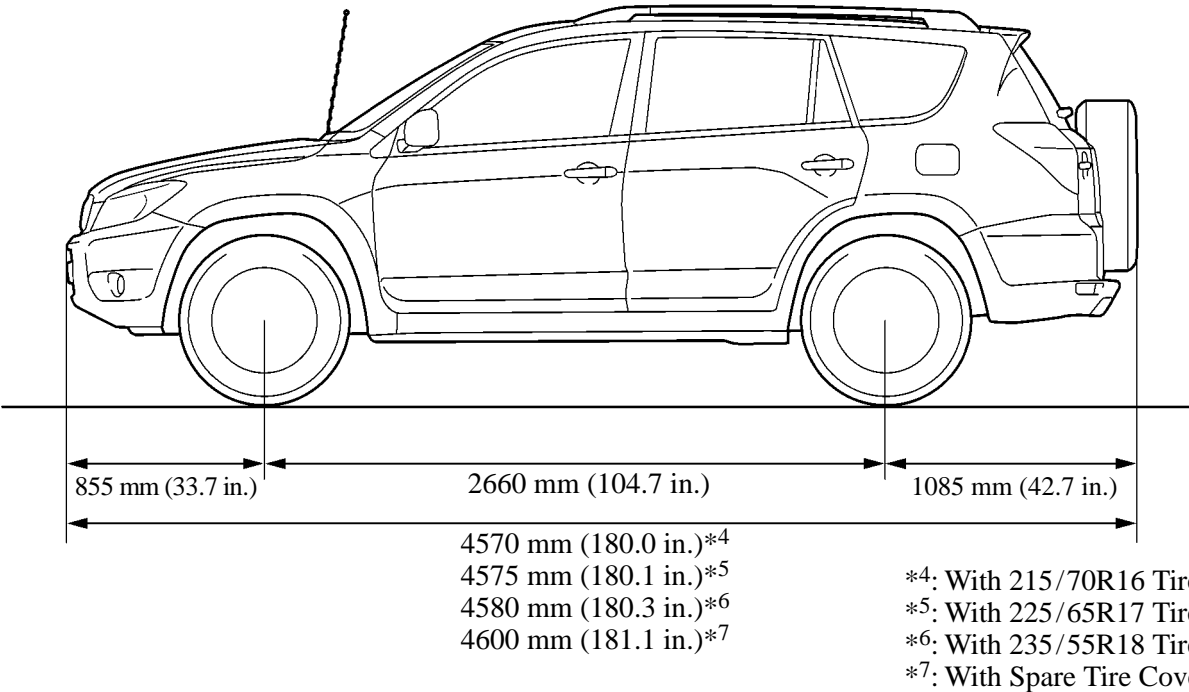
MODEL LINE-UP

DESTI- NATION	ENGINE	BODY TYPE	GRADE	TRANSAXLE			
				4-speed Automatic		5-speed Automatic	
				2WD	4WD	2WD	4WD
				U241E	U140F	U151E	U151F
U. S. A.	2AZ-FE	5-door Wagon	—	ACA38L- ANPXKA	ACA33L- ANPXKA	—	—
			Limited	ACA38L- ANPGKA	ACA33L- ANPGKA	—	—
			Sport	ACA38L- ANPSKA	ACA33L- ANPSKA	—	—
	2GR-FE		—	—	—	GSA38L- ANAXKA	GSA33L- ANAXKA
			Limited	—	—	GSA38L- ANAGKA	GSA33L- ANAGKA
			Sport	—	—	GSA38L- ANASKA	GSA33L- ANASKA
Canada	2AZ-FE		—	—	ACA33L- ANPXKK	—	—
			Limited	—	ACA33L- ANPGKK	—	—
			Sport	—	ACA33L- ANPSKK	—	—
	2GR-FE	—	—	—	—	GSA33L- ANAXKK	
		Limited	—	—	—	GSA33L- ANAGKK	
		Sport	—	—	—	GSA33L- ANASKK	

DIMENSIONS



01MMO41Y



01MMO42Y

EQUIPMENT LIST

► U.S.A. ◀

: Standard OP: Option —: None

Engine				2AZ-FE			2GR-FE			
Grade				—	Limited	Sport	—	Limited	Sport	
Exterior	Bumper	Colored								
	Radiator Grille	Material			—			—		
		Material Partially Plated		—		—	—		—	
	Outside Door Handle	Material			—	—		—	—	
		Colored		—			—			
	Back Door Handle	Colored								
	Outside Rear View Mirror	Material/Remote Control			—	—		—	—	
		Color/Remote Control/Heater		—			—			
	Roof Rail			OP			OP			
Rear Spoiler										
	Spats	Front & Rear		OP						
		Rear			—	—	—	—	—	
Chassis	Tire	215/70R16			—	—	—	—	—	
		225/65R17		OP		—			—	
		235/55R18		—	—		—	—		
	Disc Wheel	16 x 6 1/2 J Steel			—	—	—	—	—	
		17 x 6 1/2 J Steel		OP	—	—		—	—	
		17 x 7 J Aluminum		OP		—	OP		—	
		18 x 7 1/2 J Aluminum		—	—		—	—		
	Tire Pressure Warning System									
	ABS (Anti-lock Brake System) with EBD (Electronic Brake force Distribution) & Brake Assist & TRAC (Traction Control) & VSC (Vehicle Stability Control) *1									
	Hill-start Assist Control			OP*2	OP*2	—				
	DAC (Downhill Assist Control)			OP*2	OP*2	—				
	Steering	Wheel	3-spoke Urethane			—			—	
			3-spoke Urethane with Steering Pad Switch (Audio)		—	—	OP	—	—	OP
			3-spoke Leather with Steering Pad Switch (Audio)		—		—	—		—
		Column	Manual Tilt &Telescopic							
	EPS (Electrical Power Steering)									
	Shift Knob	PVC (Polyvinyl Chloride)			—			—		
Leather		—		—	—		—	—		
Body	Seat	Cover	Fabric							
			Leather		—	OP*3	—	—	OP*3	—
		Front	Driver	6-way Manual		—			—	
				8-way Power	—		—			—
			Passenger	4-way Manual						
		Rear	No. 1	60/40 Split Retractable*4						
			No. 2		OP	OP	—	OP	OP	—
		Seat Heater			—	OP*5	—	—	OP*5	—
	Seat Belt	Front	Driver	3-point, Pretensioner & Force Limiter						
			Passenger	3-point, Pretensioner & Force Limiter & ALR*6						
		Rear	Rear No.1	3-point ELR*7, ALR*6						
Rear No.2			OP*2		OP*2	—	OP*2	OP*2	—	

*1: 2WD models have been provided with Automatic LSD (Limited Slip Differential).

(Continued)

*2: Only for Models with Rear No. 2 Seat

*3: Except Models with Rear No.2 Seat

*4: Models with rear No. 2 seat have been provided with walk-in function.

*5: Models with Leather Seat

*6: Automatic Locking Retractor

*7: Emergency Locking Retractor

: Standard OP: Option —: None

Engine				2AZ-FE			2GR-FE			
Grade				—	Limited	Sport	—	Limited	Sport	
Body Electrical	Headlight		Halogen							
	Light Auto Turn-OFF System									
	Front Fog Light				—			—		
	Daytime Running Lighting System				OP	OP	OP	OP	OP	
	Windshield Wiper		Intermittent Type							
	Rear Wiper		Intermittent Type							
	Audio System	Radio/CD, 6 Speakers				—			—	
		Radio/In-dash CD Changer, 6 Speakers			OP		OP	OP		OP
		Radio/In-dash CD Changer, 9 Speakers			—	OP	OP	—	OP	OP
		Rear Seat Entertainment System			—	—	—	—	OP	—
	Air Conditioning	Manual Type				—			—	
		Automatic Type			—		—	—		—
		Clean Air Filter								
	Heater		Conventional Type							
	Cruise Control System									
	Illuminated Entry System	Key Illumination & Room Light & Front Personal Light				—			—	
		Key Illumination & Room Light & Front Personal Light & Foot Light			—		—	—		—
	Power Window System		All Door Power Type Only for Driver's Seat: One Motion Auto Up-and-down, Jam Protection Function							
	Door Lock Control	Power Door Lock Control System								
		Wireless Door Lock Remote Control System								
	Engine Immobilizer System				—		—	—		—
	Sliding Roof				—	OP	OP	—	OP	OP
	SRS*8 Airbag System	Driver	Dual-stage							
		Front Passenger	Dual-stage with Occupant Classification System							
		Side & Roll Sensing Type Curtain Shield			OP	OP	OP	OP	OP	OP

*⁸: Supplemental Restraint System

► Canada ◀

: Standard OP: Option —: None

Engine				2AZ-FE			2GR-FE				
Grade				—	Limited	Sport	—	Limited	Sport		
Exterior	Bumper		Colored								
	Radiator Grille	Material			—			—			
		Material Partially Plated		—		—	—		—		
	Outside Door Handle	Material			—	—		—	—		
		Colored		—			—				
	Back Door Handle		Colored								
	Outside Rear View Mirror		Color/Remote Control/Heater								
	Roof Rail			OP			OP				
	Rear Spoiler										
Spats		Front & Rear		OP			OP				
Chassis	Tire	215/70R16			—	—	—	—	—		
		225/65R17		OP		—			—		
		235/55R18		—	—		—	—			
	Disc Wheel	16 x 6 1/2 J Steel			—	—	—	—	—		
		17 x 6 1/2 J Steel		OP	—	—		—	—		
		17 x 7 J Aluminum		OP		—	OP		—		
		18 x 7 1/2 J Aluminum		—	—		—	—			
	ABS (Anti-lock Brake System) with EBD (Electronic Brake force Distribution) & Brake Assist & TRAC (Traction Control) & VSC (Vehicle Stability Control) *1										
	Hill-start Assist Control			OP*1	OP*1	—					
	DAC (Downhill Assist Control)			OP*1	OP*1	—					
	Steering	Wheel	3-spoke Urethane			—			—		
			3-spoke Urethane with Steering Pad Switch (Audio)		—	—	OP	—	—	OP	
			3-spoke Leather with Steering Pad Switch (Audio)		—		—	—		—	
		Column	Manual Tilt &Telescopic								
		EPS (Electrical Power Steering)									
	Shift Knob	PVC (Polyvinyl Chloride)			—			—			
		Leather		—		—	—		—		
Body	Seat	Cover	Fabric								
			Leather		—	OP*2	—	—	OP*2	—	
		Front	Driver	6-way Manual			—			—	
				8-way Power		—		—			—
			Passenger	4-way Manual							
		Rear	No. 1	60/40 Split Retractable*3							
			No. 2		OP	OP	—	OP	OP	—	
		Seat Heater			—	OP*4	—	—	OP*4	—	
	Seat Belt	Front	Driver	3-point, Pretensioner & Force Limiter							
			Passenger	3-point, Pretensioner & Force Limiter & ALR*5							
		Rear	Rear No. 1	3-point ELR*6, ALR*5							
			Rear No. 2		OP*1	OP*1	—	OP*1	OP*1	—	

*1: Only for Models with Rear No. 2 Seat

*2: Except Models with Rear No.2 Seat

*3: Models with rear No. 2 seat have been provided with walk-in function.

*4: Models with Leather Seat

*5: Automatic Locking Retractor

*6: Emergency Locking Retractor

(Continued)

: Standard OP: Option —: None

Engine				2AZ-FE			2GR-FE		
Grade				—	Limited	Sport	—	Limited	Sport
Body Electrical	Headlight	Halogen							
	Light Auto Turn-OFF System								
	Front Fog Light			—			—		
	Daytime Running Lighting System								
	Windshield Wiper	Intermittent Type							
	Windshield Deicer								
	Rear Wiper	Intermittent Type							
	Audio System	Radio/CD, 6 Speakers			—			—	
		Radio/In-dash CD Changer, 6 Speakers		OP		OP	OP		OP
		Radio/In-dash CD Changer, 9 Speakers		—	OP	OP	—	OP	OP
		Rear Seat Entertainment System		—	—	—	—	OP	—
	Air Conditioning	Manual Type			—			—	
		Automatic Type		—		—	—		—
		Clean Air Filter							
	Heater	Conventional Type							
	Cruise Control System								
	Illuminated Entry System	Key Illumination & Room Light & Front Personal Light			—			—	
		Key Illumination & Room Light & Front Personal Light & Foot Light		—		—	—		—
	Power Window System	All Door Power Type Only for Driver's Seat: One Motion Auto Up-and-down, Jam Protection Function							
	Door Lock Control	Power Door Lock Control System							
Wireless Door Lock Remote Control System									
Engine Immobilizer System									
Sliding Roof			—	OP	OP	—	OP	OP	
SRS* ⁷ Airbag System	Driver	Dual-stage							
	Front Passenger	Dual-stage with Occupant Classification System							
	Side & Roll Sensing Type Curtain Shield		OP	OP	OP	OP	OP	OP	

*⁷: Supplemental Restraint System

EQUIPMENT

Audio System

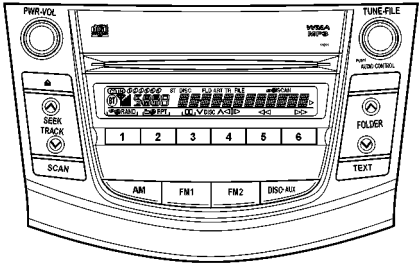
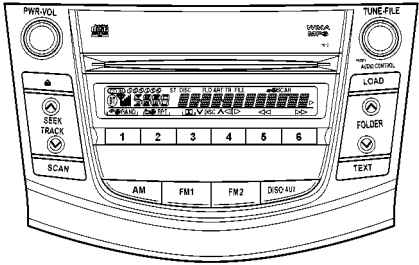
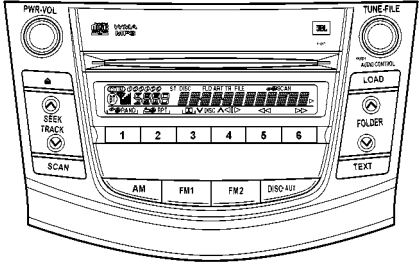
Three types of audio systems are provided, as detailed below.

The CD player has a CD-TEXT display function that displays the text information when playing CDs that contain CD text.

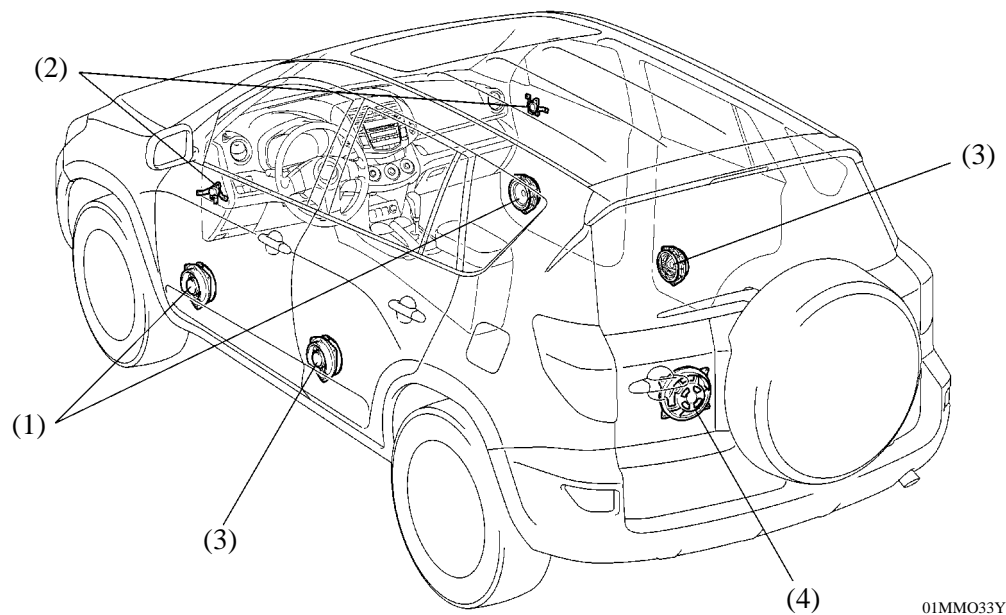
The CD player on the all models has MP3 (MPEG Audio Layer-3) and WMA (Windows Media Audio) format playback functions.

► Head Unit Specifications ◀

: Standard OP: Option —: None

Design	Specification	Provided		
		Standard	Limited	Sport
 01MMO30Y	AM/FM Tuner CD Player CD-TEXT Display Function MP3 and WMA Playback Function 6-speaker System Manufacturer: Fujitsu TEN		—	
 01MMO31Y	AM/FM Tuner In-dash-6-CD Changer CD-TEXT Display Function MP3 and WMA Playback Function 6-speaker System Manufacturer: Fujitsu TEN	OP		OP
 01MMO32Y	AM/FM Tuner In-dash-6-CD Changer CD-TEXT Display Function MP3 and WMA Playback Function 9-speaker System Manufacturer: Fujitsu TEN	—	OP	OP

► Speaker Location ◀



01MMO33Y

► Speaker Specification ◀

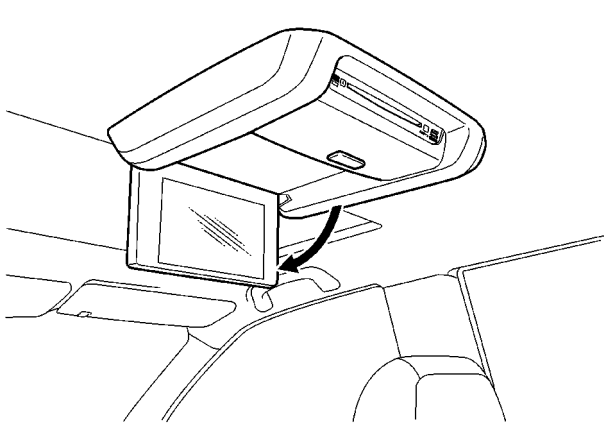
Type		Caliber	Impedance	Input Range
(1)	Front Door	JBL	16.0 cm	2.2 Ω
		Standard	16.0 cm	4 Ω
(2)	Tweeter	JBL	6.5 cm	2 Ω
		Standard	6.5 cm	4 Ω
(3)	Rear Door	JBL	16.0 cm/2.0 cm	2.6 Ω
		Standard	16.0 cm	4 Ω
(4)	Woofer	JBL	20.0 cm	2.0 Ω
				50 W

RSES (Rear Seat Entertainment System)

The RSES with which the rear seat occupants can enjoy a video DVD (Digital Versatile Disc) has been made available as optional equipment on the Limited grade for the 2GR-FE engine model.

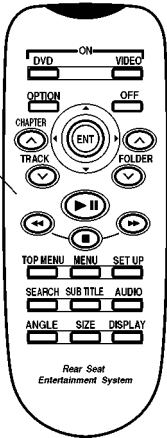
The RSES consists of a 9-inch wide LCD (Liquid Crystal Display), a DVD player that are located under the roof, and a remote controller.

The RSES is operated by the remote controller.



01MMO34Y

Remote Controller



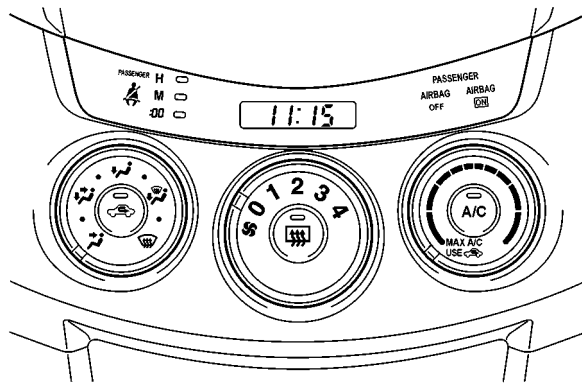
01MMO35Y

Air Conditioning System

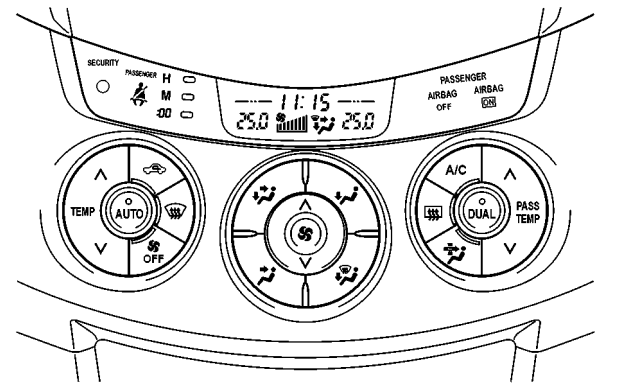
Manual air conditioning is provided as standard equipment for the Standard and Sport grades.

An automatic air conditioning that can set the temperature independently for the driver and front passenger areas is provided as standard equipment for the Limited grade.

The automatic air conditioning is provided with the micro dust and pollen filter control.



Manual A/C Model



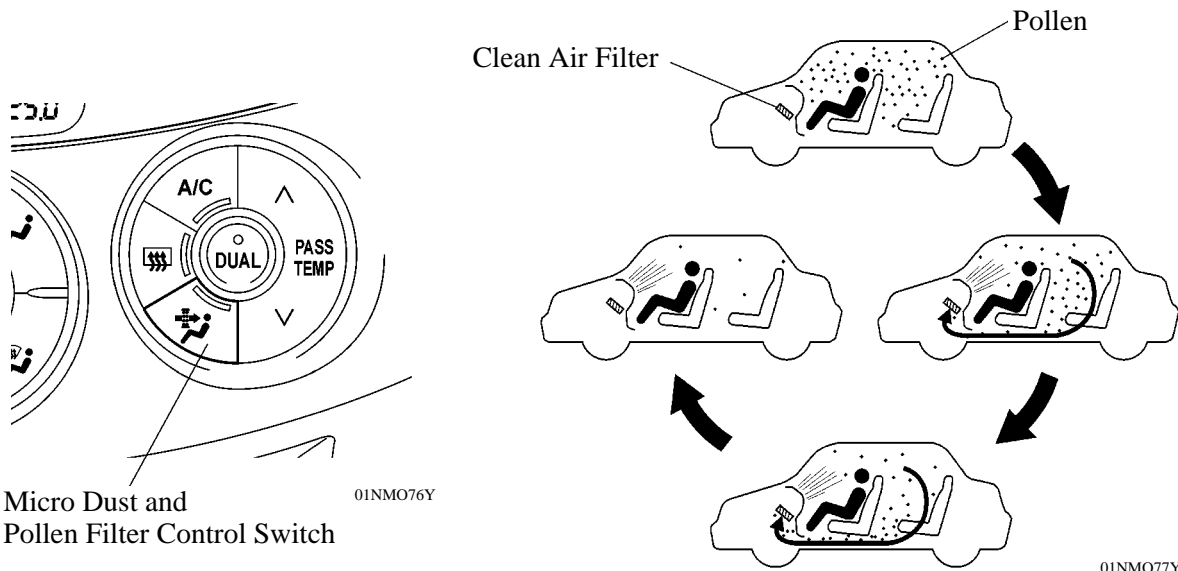
Automatic A/C Model

Micro Dust and Pollen Filter Control

The micro dust and pollen filter control quickly removes pollen from the front seat occupant area with the pressing of the micro dust and pollen filter control switch on the heater control panel, without requiring any complex air conditioning operation.

When the user pushes the micro dust and pollen filter control switch, the air conditioning operates in the recirculation mode. The clean air that has passed through the clean air filter blows out from the face outlet to the occupant area.

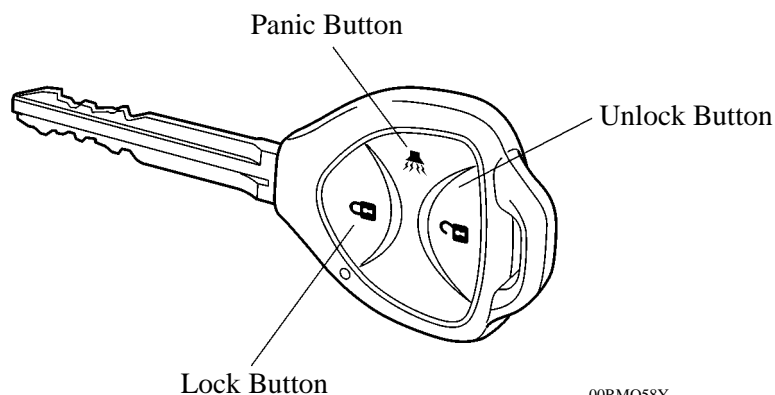
The filtered clean air quickly removes pollen from the occupant area. After that, the air in the cabin recirculates and continues to remove pollen in the air by allowing the clean air filter to capture the pollen. When the amount of pollen in the cabin as a whole diminishes to a certain level, the air conditioning automatically resumes operating in the auto mode.



Conceptual Image of Pollen Removal

Wireless Door Lock Remote Control System

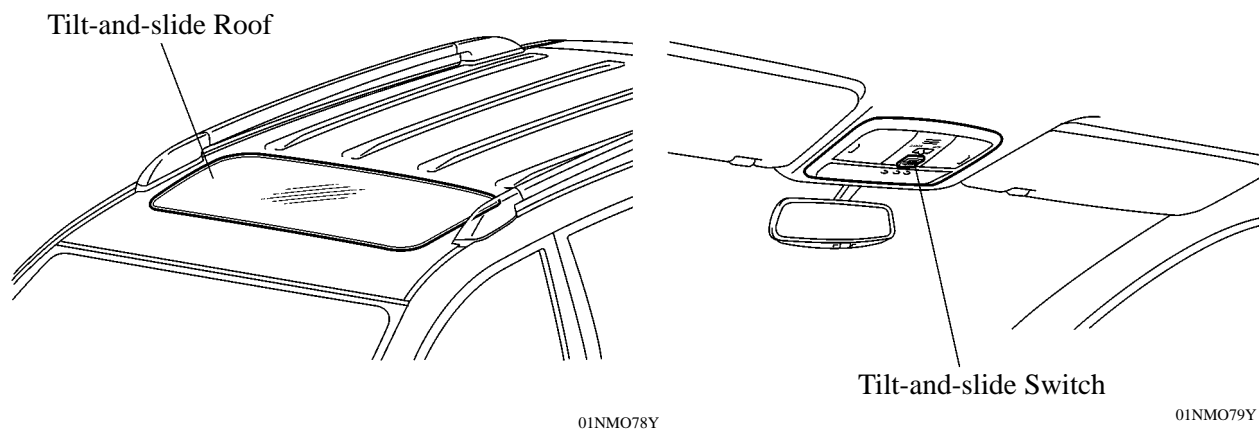
A wireless door lock remote control system with a panic button and answer back function which blinks the hazard warning lights when locking or unlocking is available as standard equipment.



Sliding Roof System

A tilt-and-slide roof, which is provided with a one-touch function (slide open/close and tilt up/down) and a jam protection function, is available as optional equipment on the Sport and Limited grades.

A tilt-and-slide switch is provided at the overhead console.

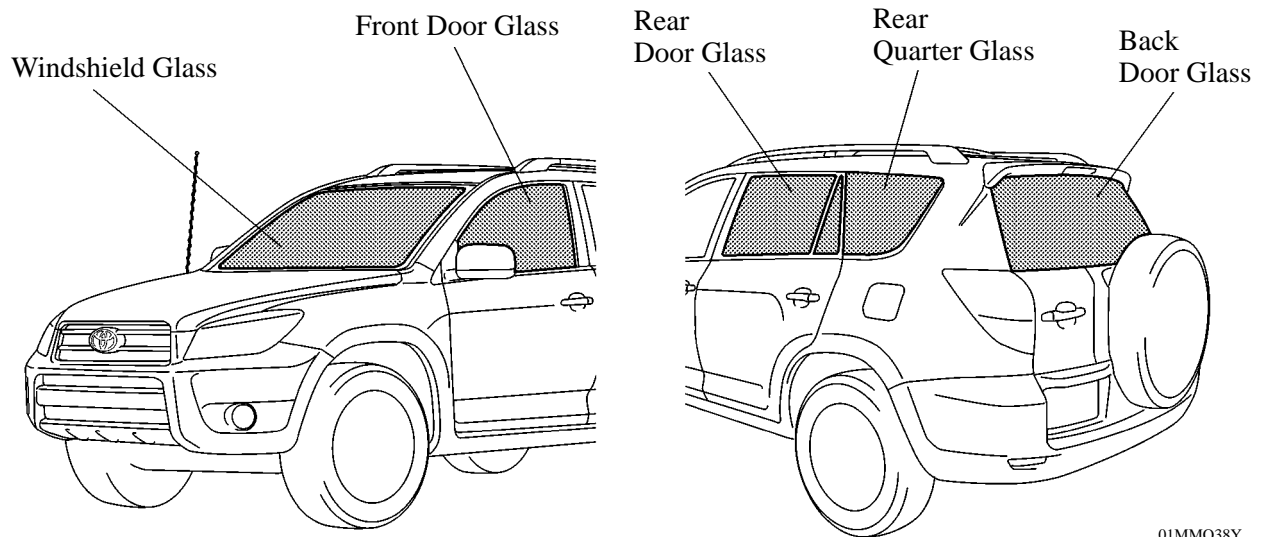


Windshield and Door Glass

The windshield and door glasses are provided as follows:

Glass Portion	Windshield	Front Door Glass	Rear Door Glass		Rear Quarter Glass		Back Door Glass	
Grade	—	—	Standard	Sport and Limited	Standard	Sport and Limited	Standard	Sport and Limited
Glass	Green	UV Reduction Green	UV Reduction Green	Dark Gray*	UV Reduction Green	Dark Gray*	UV Reduction Green	Dark Gray*

*: Optional equipment on Standard grade



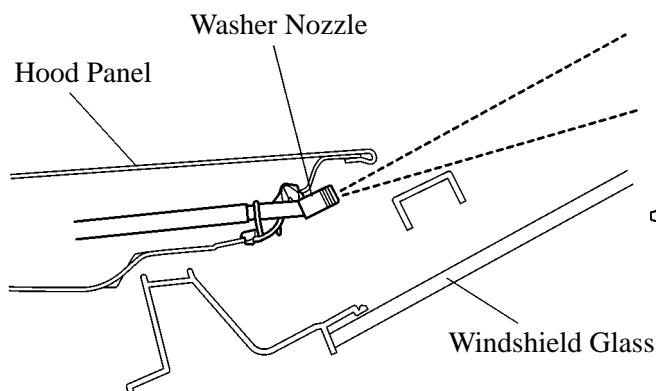
01MMO38Y

Washer System

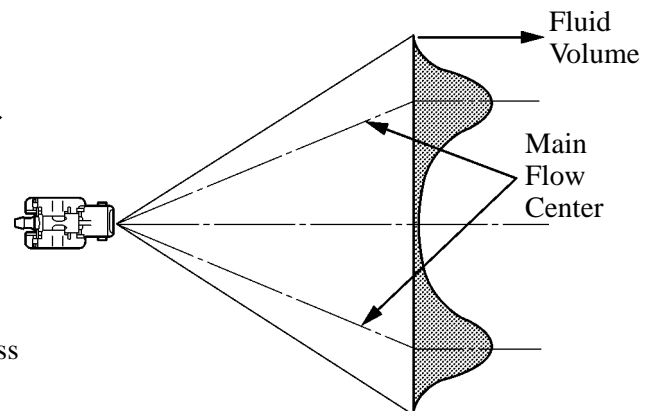
Front

Spray type washer nozzles are provided under the hood panel for improved appearance.

The spray type washer nozzle sprays the washer fluid over a wide area by spraying it in a fan shape. The washer fluid volume sprayed in the center of the spray area has been reduced so as not to hinder the driver's view when the washer system is operated.



281MO41



281MO42Y

NOTICE:

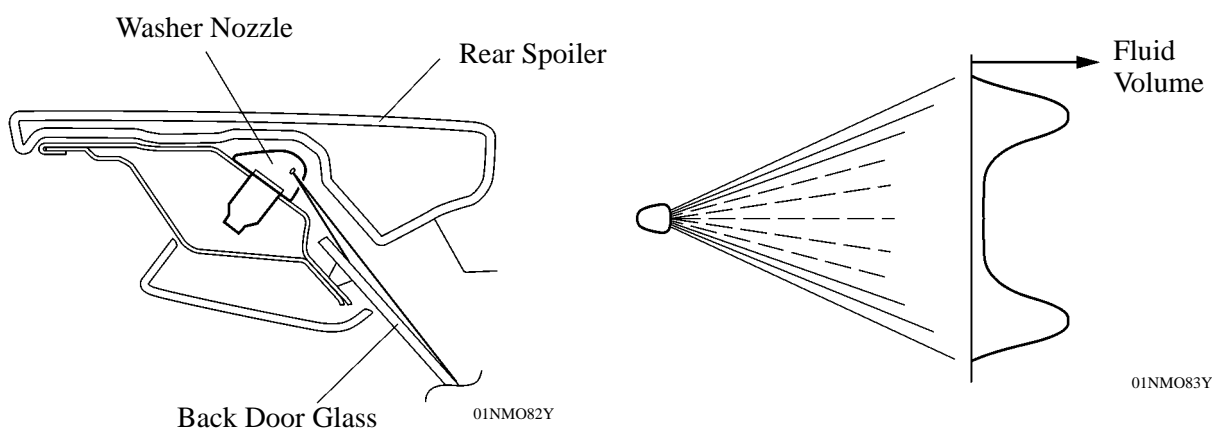
The construction of the spray type washer nozzle does not allow adjustment of the spray angle. Do not adjust the spray angle as this could damage the washer nozzle. To change the spray angle, replace the nozzle by a nozzle with a different spray angle. For details, refer to the 2006 RAV4 Repair Manual (Pub. No. RM01M1U).

Rear

A flat-spray type washer nozzle is used on all models.

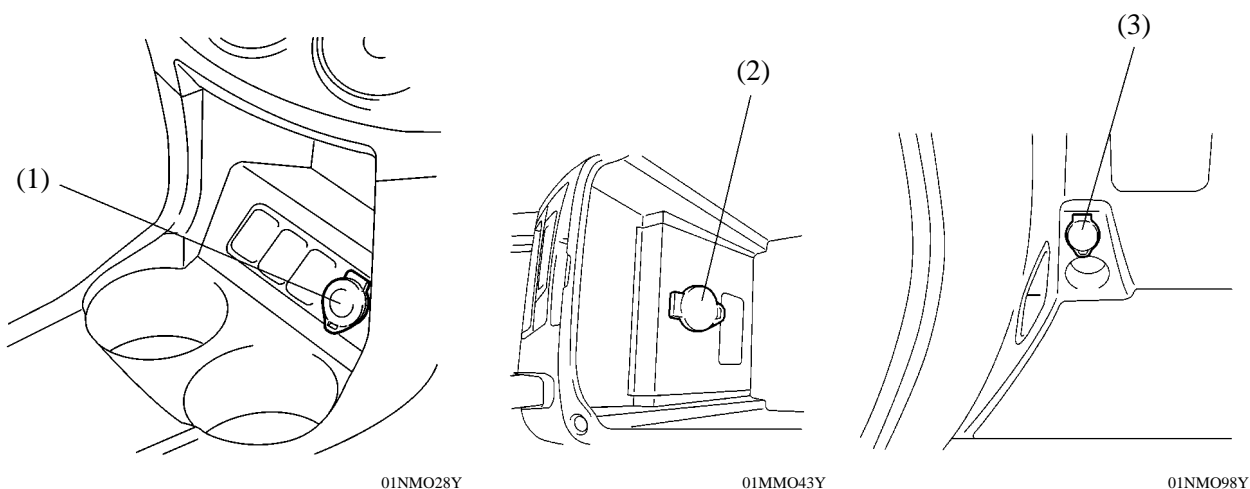
The washer nozzle is located below the rear spoiler for an enhanced appearance.

The flat-spray type washer nozzle sprays washer fluid in a fan shape over a wide area for enhanced wiping performance.

**Power Outlet**

Three power outlets are provided:

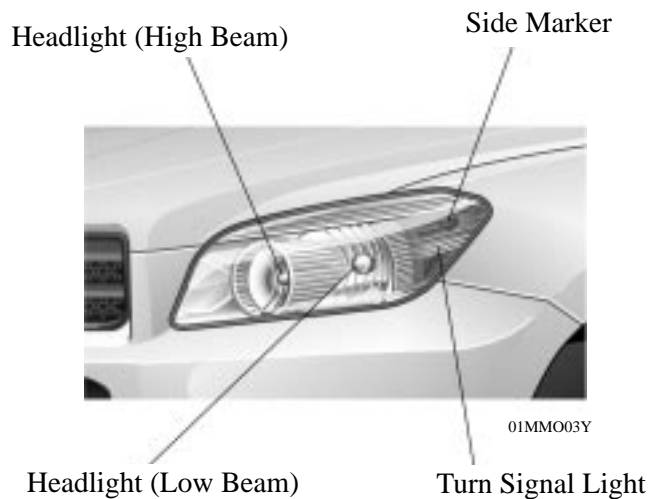
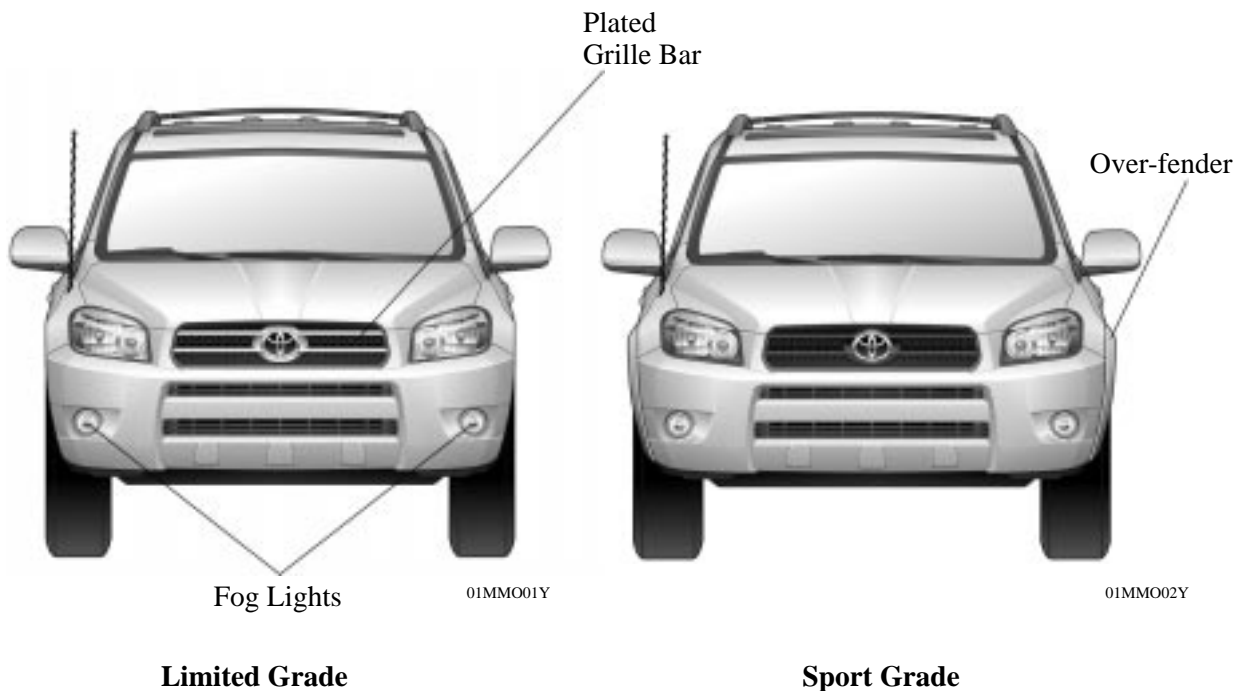
- (1) Under the center console
- (2) Inside console box
- (3) Under the left deck side trim



EXTERIOR

Front Design

- ▶ The front of the vehicle has been designed with a powerful look that emphasizes the large-diameter tires.
- ▶ The four-beam headlight that accommodates clearance light and turn signal light is used.
- ▶ The combination of the multi-reflector type reflectors and the see-through outer lenses is used in the headlight create a crystal appearance. Furthermore, smoke-painted extensions are used for the headlights of the Sport grade to achieve a sporty design.
- ▶ The radiator grille consists of a mesh portion and two grille bars to express powerfulness. The Limited grade uses plated grille bars to achieve an elegant design.
- ▶ The round front fog lights in the sides of the front bumper are available as standard equipment for the Limited and Sport grades.

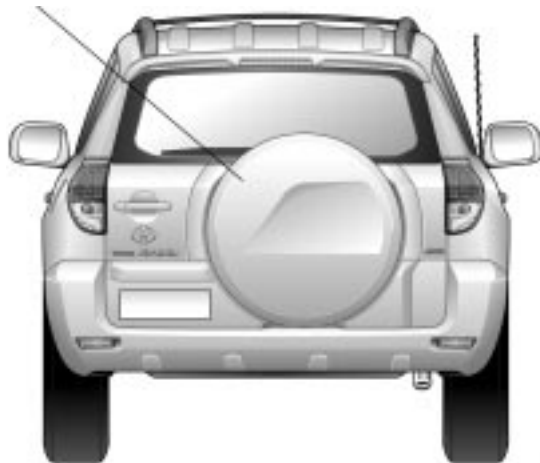


For Sport Grade

Rear Design

- ▶ The rear of the vehicle has been shaped to integrate with the spare tire cover, realizing a design that emphasizes its SUV-ness.
- ▶ The spare tire cover is standard equipment for the Limited grade.
- ▶ The combination lights are arranged vertically. LEDs (Light Emitting Diodes) are used for the stop light and taillight, for enhanced visibility and an elegant look.

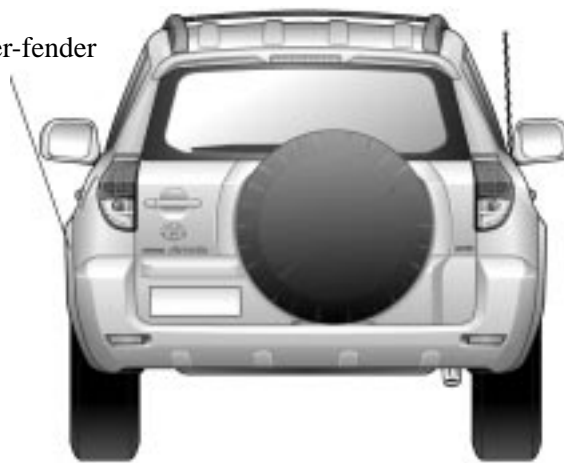
Spare Tire Cover



01MMO05Y

Limited Grade

Over-fender



01MMO06Y

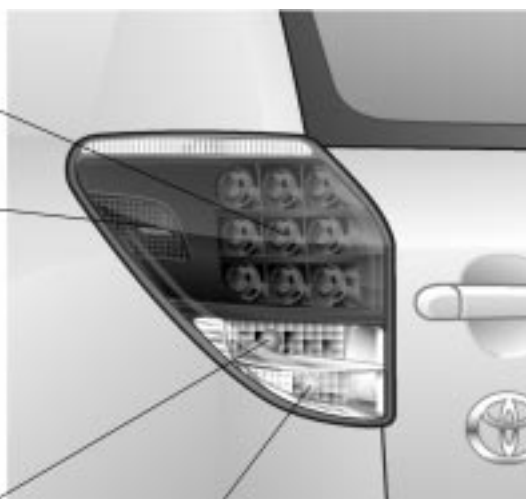
Sport Grade

Stop Light and Taillight

Side Marker

Turn Signal Light

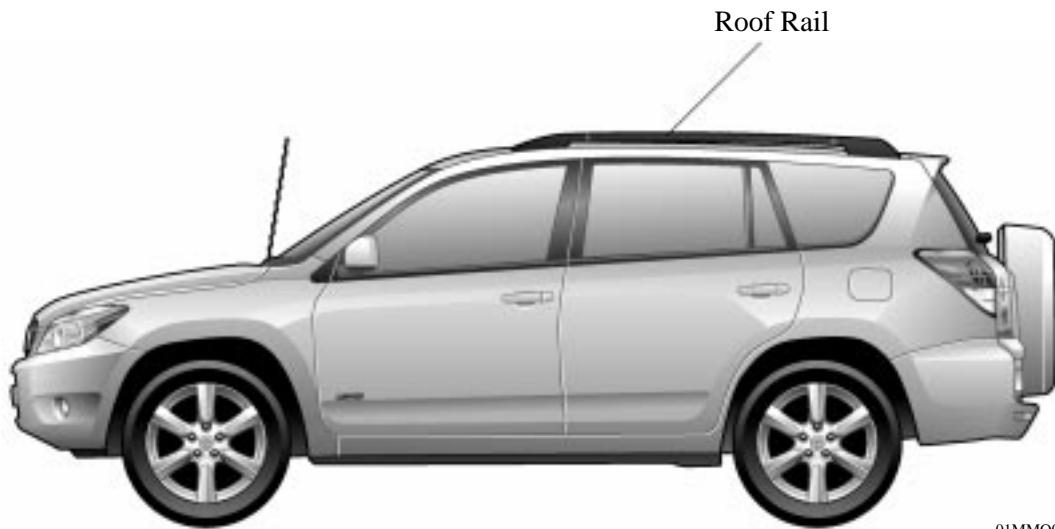
Back-up Light



01MMO07Y

Side Design

- ▶ The side of the vehicle portrays a unique cabin design consisting of a wedged surface composition and a dynamically drawn arc.
- ▶ Roof rails are available as optional equipment on the Standard grade, and provided as standard equipment on the Limited and Sport grades.
- ▶ Over-fenders are available as optional equipment on the Limited grade, and provided as standard equipment on the Sport grade.



01MMO08Y

Limited Grade

01MMO09Y

Over-fender**Sport Grade**

Exterior Color

Exterior colors for new model are as follows:

Color No.	Color Name
040	Super White II
070	White Pearl Crystal Shine
1F7	Silver Metallic
1E0	Dark Gray Mica
202	Black
3R3	Red Mica Metallic
4R4	Beige Metallic
6T6	Light Green Metallic
8R3	Grayish Blue Metallic
8S6	Dark Blue Mica

Exterior Parts Color

Exterior parts colors are provided as follows:

▶ Standard OP: Option —: None

Destination	U.S.A. and Canada					
Grade	Standard		High		High	
Color Parts Name	Material	Exterior Color	Material	Exterior Color	Material	Exterior Color
Front/Rear Bumper	—	▶	—	▶	—	▶
Radiator Grille	▶	—	▶*1	—	▶	—
Rear Spoiler	—	▶	—	▶	—	▶
Spare Tire Cover	—	—	—	▶	—	—
Roof Rail	▶	—	▶	—	▶	—
Outside Rear View Mirror	▶*2	▶*3	—	▶	—	▶
Outside Door Handle	▶	—	—	▶	—	▶
Back Door Handle	—	▶	—	▶	—	▶
Over-fender	—	—	—	OP	—	▶

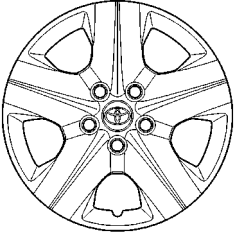
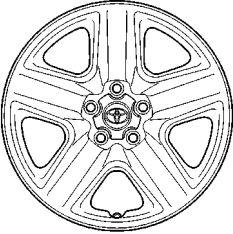
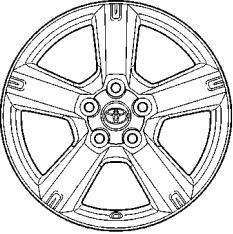
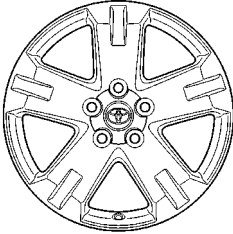
*1: Partially plated on the Limited Grade

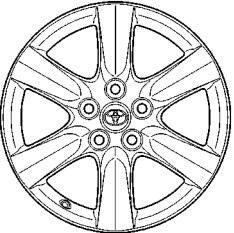
*2: U.S.A. Model

*3: Canada Model

Tire and Disc Wheel

Tires and disc wheels are provided as follows:

Destination	U.S.A and Canada				
Grade	Standard				Sport
Engine	2AZ-FE	2AZ-FE	2GR-FE	2AZ-FE & 2GR-FE	2AZ-FE & 2GR-FE
Provided	Standard	Option	Standard	Option	Standard
Tire Size	215/70R16	225/65R17		←	235/55R18
Disc Wheel Size	16 x 6 1/2 J	17 x 6 1/2 J		17 x 7 J	18 x 7 1/2 J
Disc Wheel Material	Steel	←		Aluminum	←
P.C.D.* mm (in.)	114.3 (4.5)	←		←	←
Offset mm (in.)	45 (1.8)	←		←	←
Wheel Design	Full Wheel Cap	Center Cap	Aluminum Wheel	Aluminum Wheel	
	 01NMO10Y	 01NMO11Y	 01NMO12Y	 01NMO13Y	

Destination	U.S.A and Canada
Grade	Limited
Engine	2AZ-FE & 2GR-FE
Provided	Standard
Tire Size	225/65R17
Disc Wheel Size	17 x 7 J
Disc Wheel Material	Aluminum
P.C.D.* mm (in.)	114.3 (4.5)
Offset mm (in.)	45 (1.8)
Wheel Design	Aluminum Wheel  01NMO14Y

*: Pitch Circle Diameter

EXTERIOR APPEARANCE

01MIN01Y



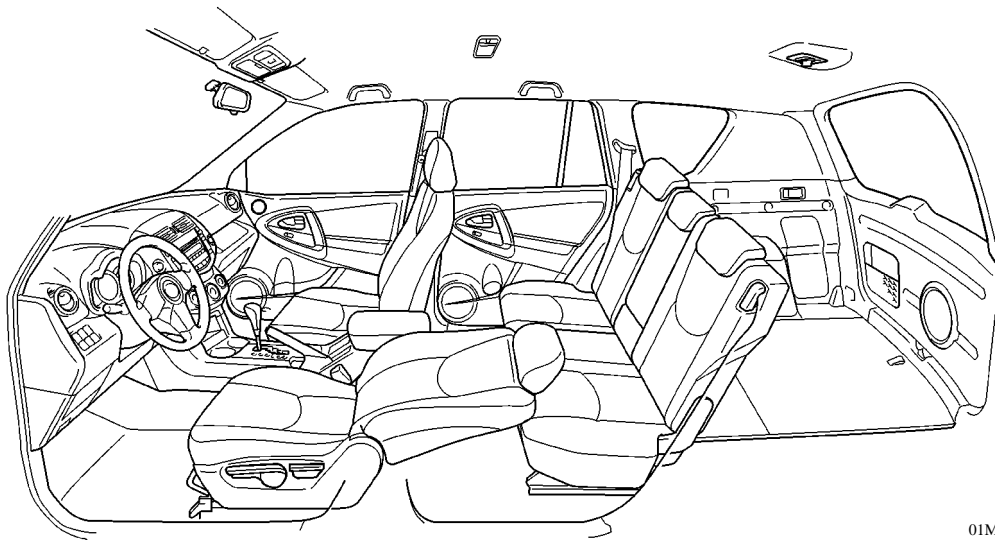
01MIN02Y

INTERIOR

Interior Design

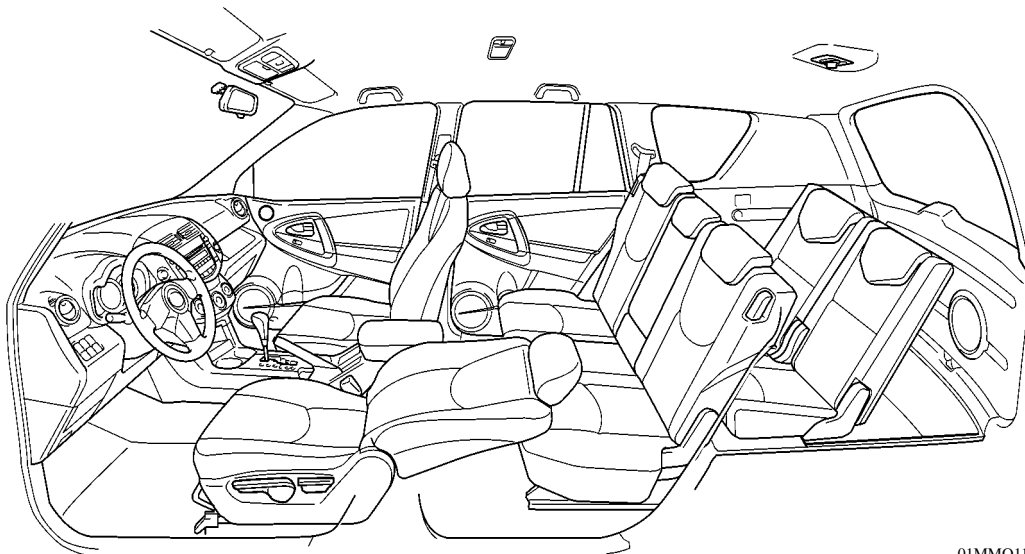
The vehicle interior uses roundish, slim-shaped seats to make the interior more spacious, realizing an expansive and roomy space.

A unique, boomerang-shaped ornament is placed on each door trim to express a sporty image.



01MMO10Y

Standard Model



01MMO11Y

With Rear No. 2 Seat

Instrument Panel

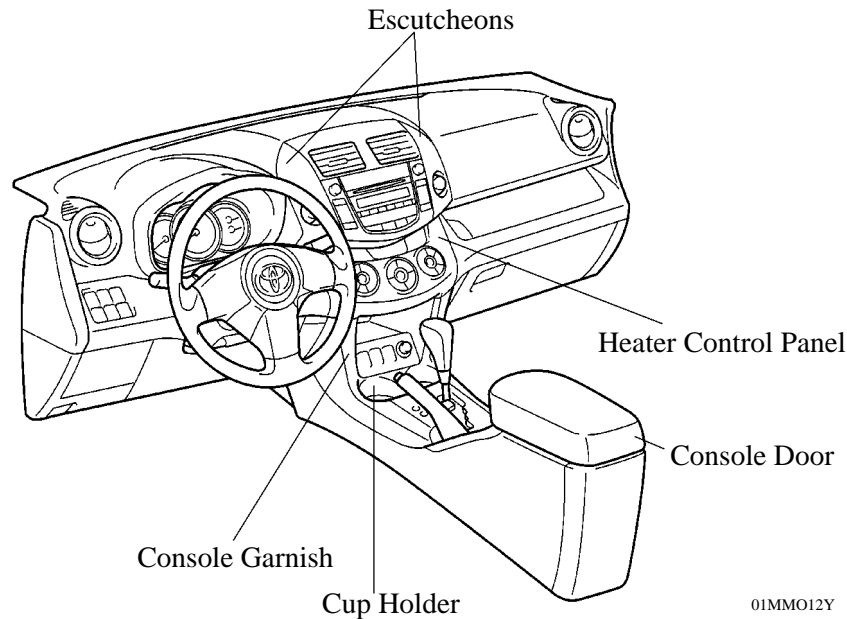
The instrument panel blends an arrangement that emphasizes a horizontal spaciousness with a vertical flow along its center area, in order to portray a sporty image.

Metallic paint and hairline grain have been applied to the escutcheon, console garnish, and heater control panel in order to express a premium image.

Shut-fin type side registers are used. Their surface becomes flush when they are closed, thus achieving a simple and streamlined design.

An illumination is provided for the cup holder in the center console.

The console door in the center console is covered with the urethane from in order to achieve a soft touch.

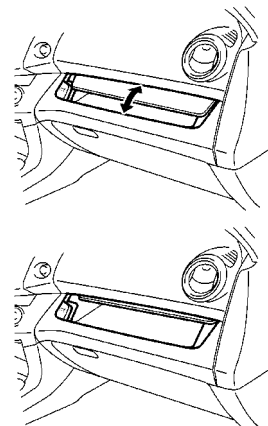
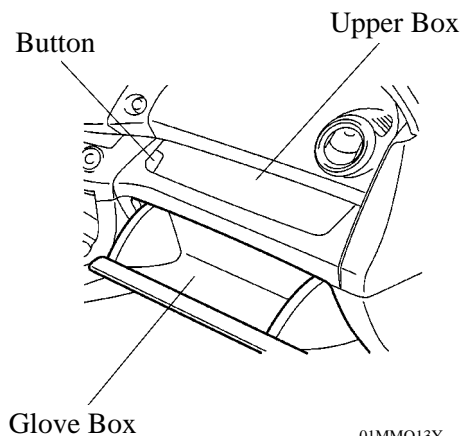


Storage Space

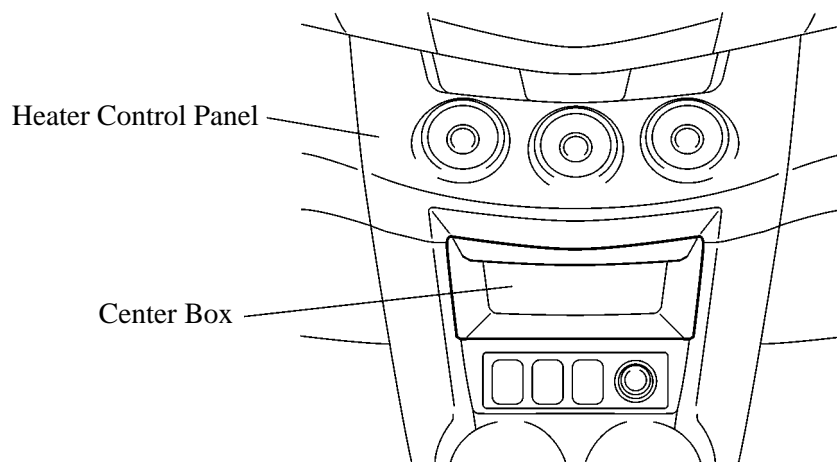
Instrument Panel

A glove box that uses an air damper is provided on the front passenger side.

An upper box, with a door that can be opened and closed by pushing a button located above the glove box, is provided.



A center box is provided below the heater control panel.

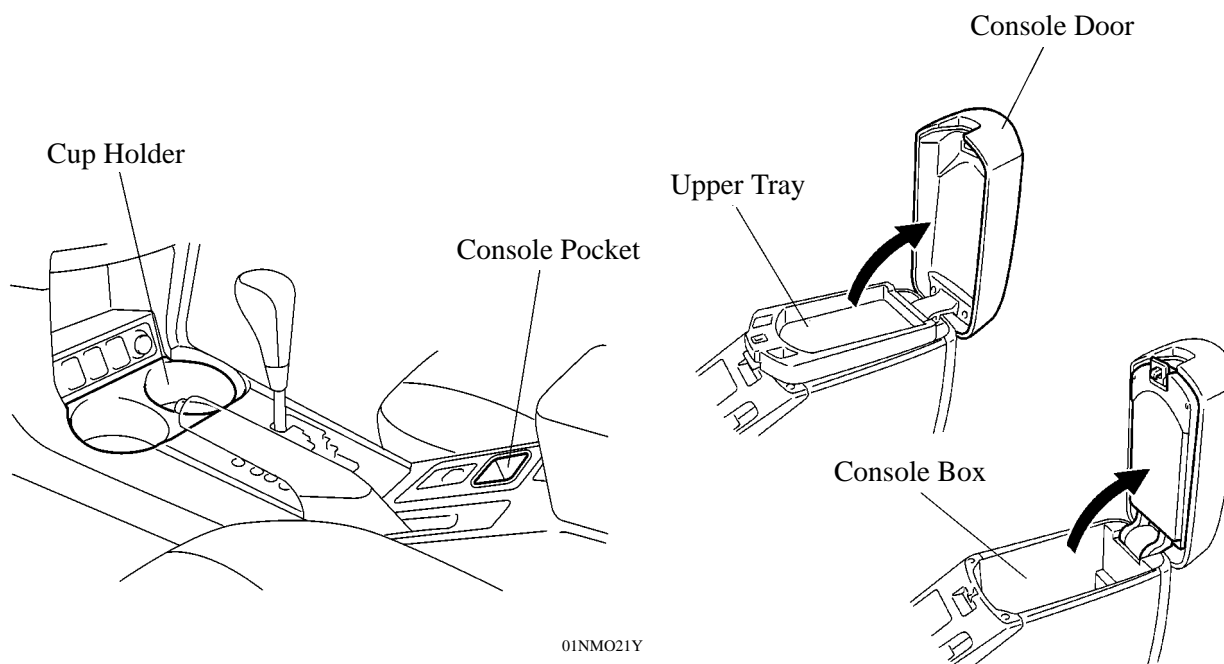


01NMO20Y

Center Console

Console pocket, cup holder and console box are provided in the center console.

The console has dual doors to provide storage space.



01NMO21Y

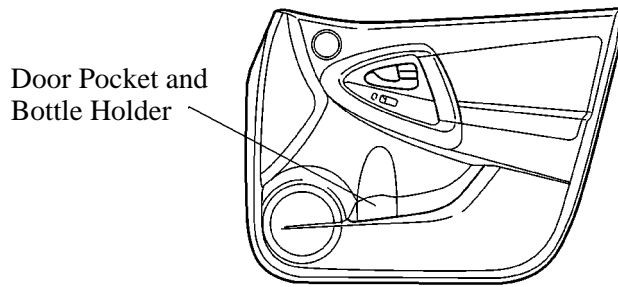
01NMO22Y

Console Box

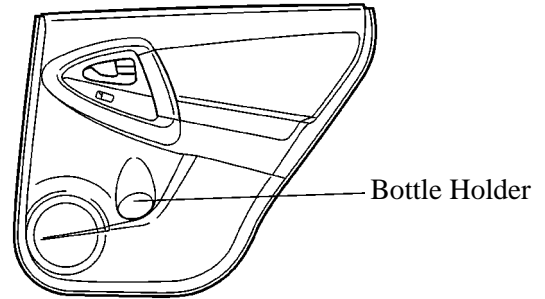
Door Trim

A door pocket and bottle holder is provided in the front door trim.

A bottle holder is provided in the rear door trim.



Front Door Trim



Rear Door Trim

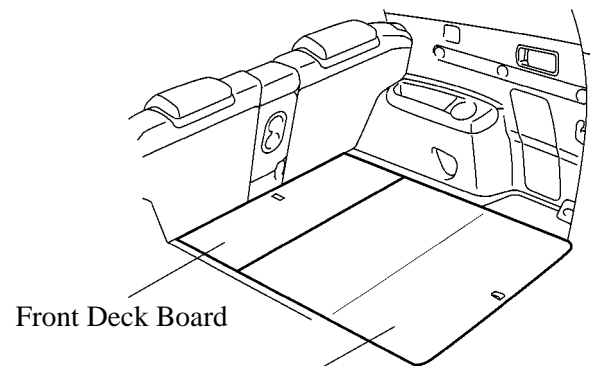
01MMO14Y

Luggage Space

Front and rear deck boards covered with water-repellent skin have been provided on the models without the rear No. 2 seat.

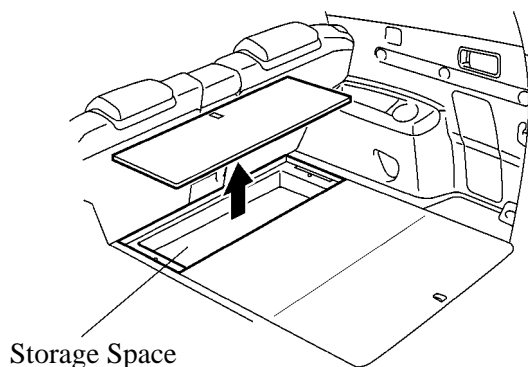
The front deck board is a removable type, and a storage space is provided below it.

The rear deck board is a type that folds in two, for ease of operation and the in-and-out access of cargo under the floor.



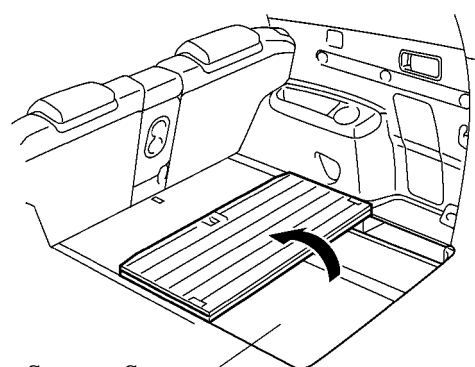
Rear Deck Board

01NMO24Y

► Deck Board Arrangement ◀

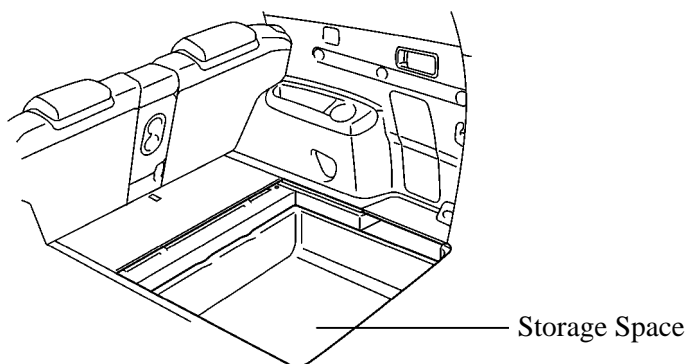
01NMO25Y

Storage Below Front Deck Board



01NMO26Y

Semi-open Rear Deck Board

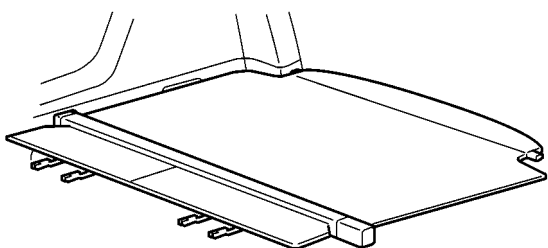


01NMO27Y

Fully Open Rear Deck Board

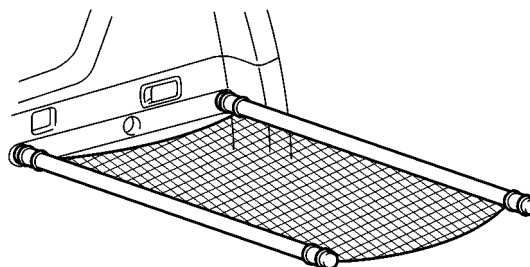
Tonneau Cover and Utility Pipes with Net

A tonneau cover to block the view of the cargo area from the outside of the vehicle, and utility pipes with a net, which can be arranged in various ways, are standard equipment on the Limited grade. They are available as optional equipment on the Standard and Sport grades.



01NMO29Y

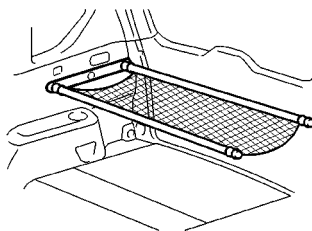
Tonneau Cover



01NMO30Y

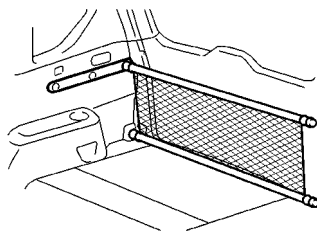
Utility Pipes with Net

► Utility Pipes with Net Arrangement ◀



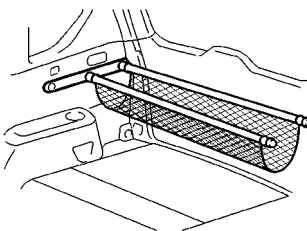
01NMO31Y

Partition



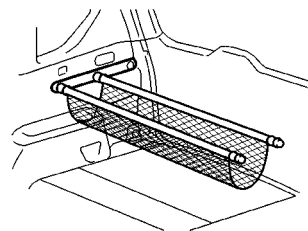
01NMO32Y

**Prevent items from
falling out**



01NMO33Y

Hammock A

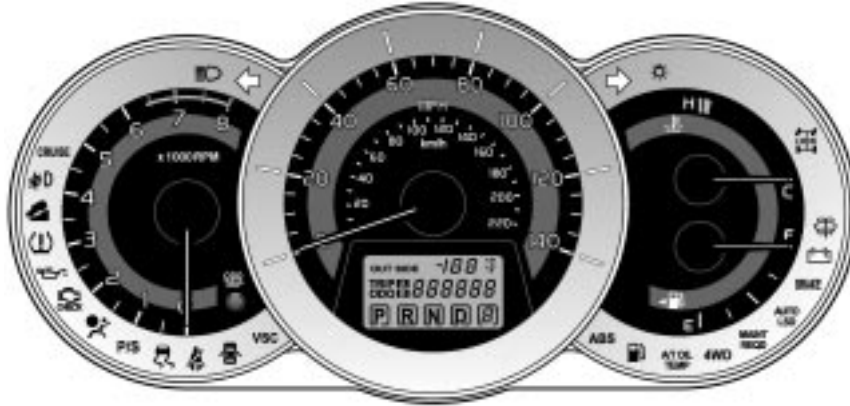


01NMO34Y

Hammock B

Combination Meter

An analog triple-dial type Optitron meter is provided in the combination meter as standard equipment on all models.



01MMO15Y

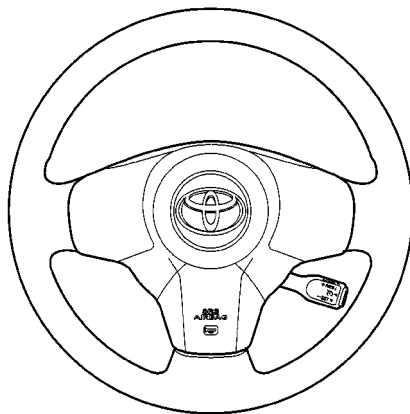
Steering Wheel

A 3-spoke urethane steering wheel is provided as standard equipment on the Standard and Sport grades.

A 3-spoke urethane steering wheel with steering pad switch* is provided as optional equipment on the Sport grade.

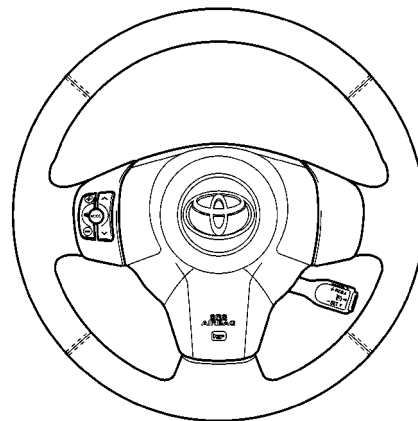
A 3-spoke leather steering wheel with steering pad switch* is provided as standard equipment on the Limited grade.

*: Audio Switch



01MMO45Y

3-spoke Urethane Type



01MMO16Y

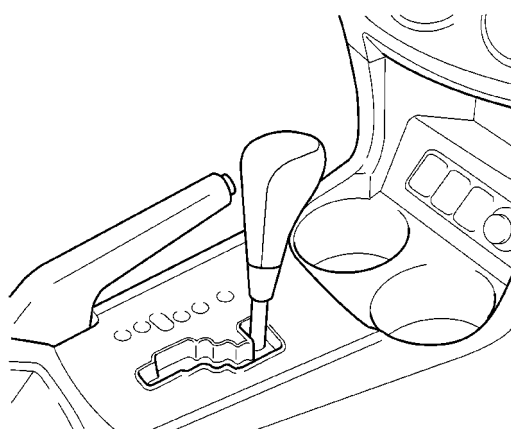
**3-spoke Leather Type with
Steering Pad Switch**

Shift Lever

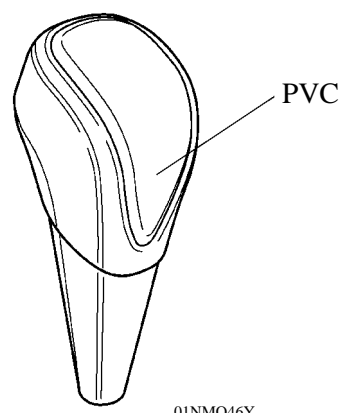
PVC (Polyvinyl Chloride) shift lever knob is provided as standard equipment on the Standard and Sport grades.

Leather shift lever knob is provided as standard equipment on the Limited grade.

A gate type shift lever is used on the automatic transaxle models for luxuriousness.

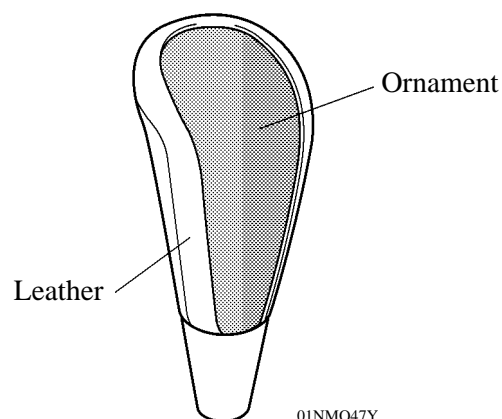


01NMO44Y



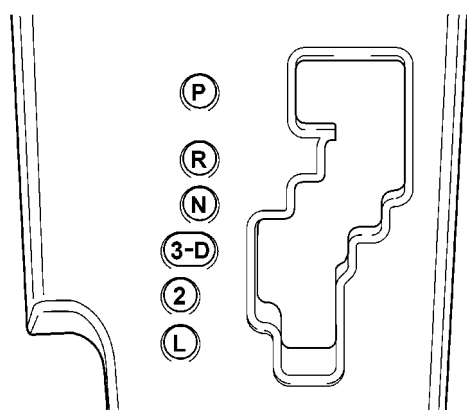
01NMO46Y

For Standard and Sport Grades



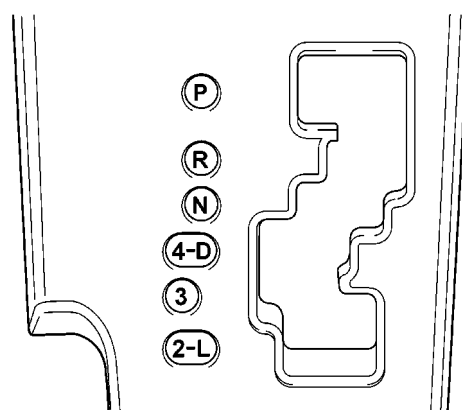
01NMO47Y

For Limited Grade



01NMO45Y

For 4-speed Automatic Transaxle



01MMO17Y

For 5-speed Automatic Transaxle

Seat

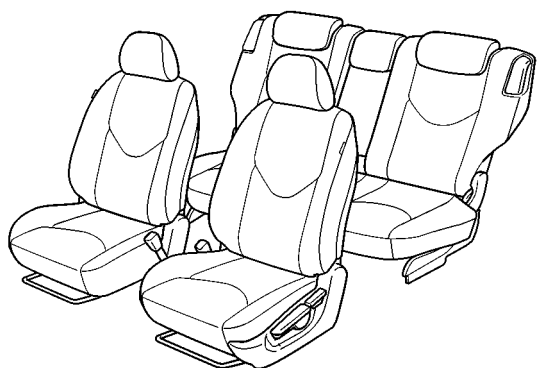
Manual type front seats and 60/40 split retractable type rear seats are provided as standard equipment on the Standard and Sport grades.

Power type front seats are provided as standard equipment on the Limited grade.

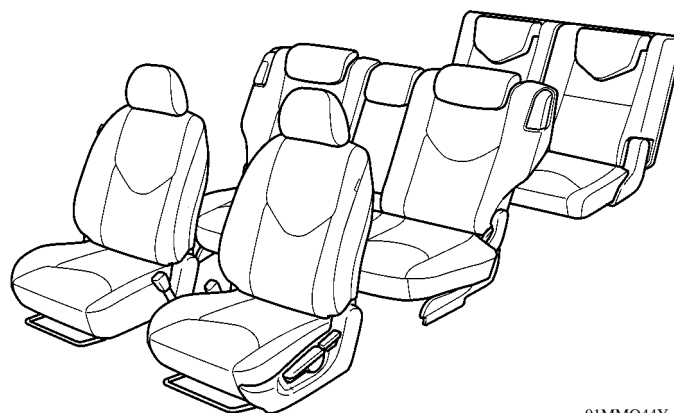
A rear No. 2 seat is available as optional equipment on the Standard and Limited grades.

Fabric seat covers are provided as standard equipment on all the models, and leather seat covers are available as optional equipment on the Limited grade*.

*: Except Models with Rear No.2 Seat



01NMO48Y

Standard

01MMO44Y

With Rear No. 2 Seat

Front Seat

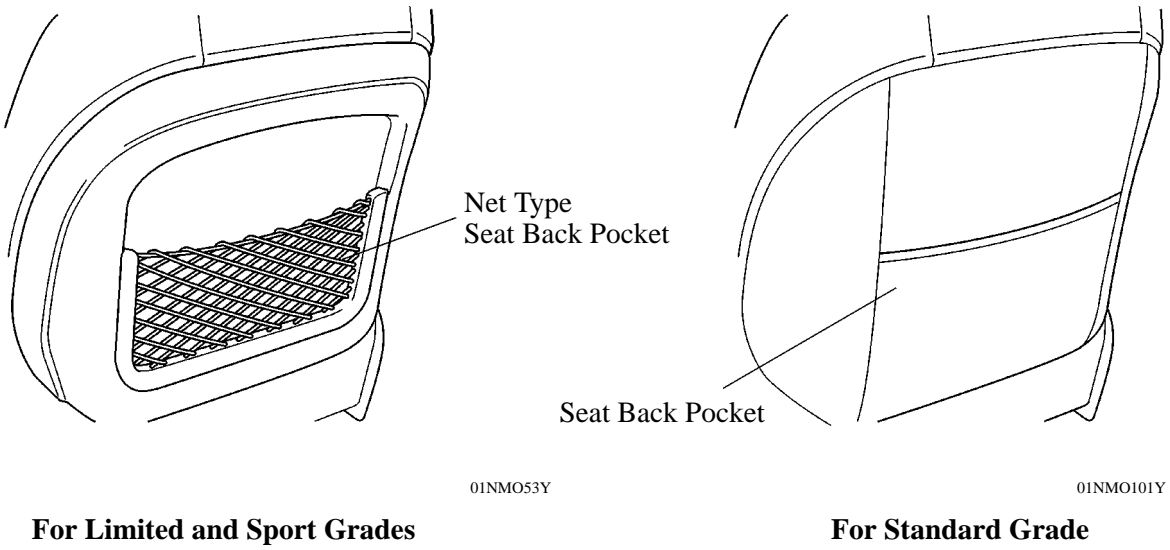
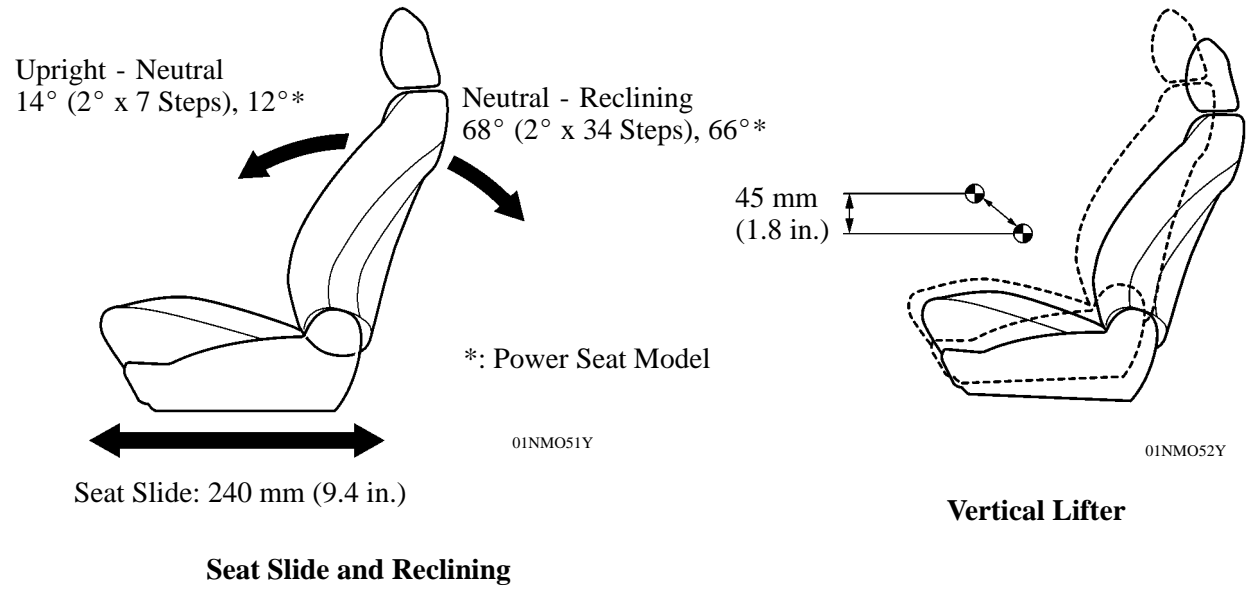
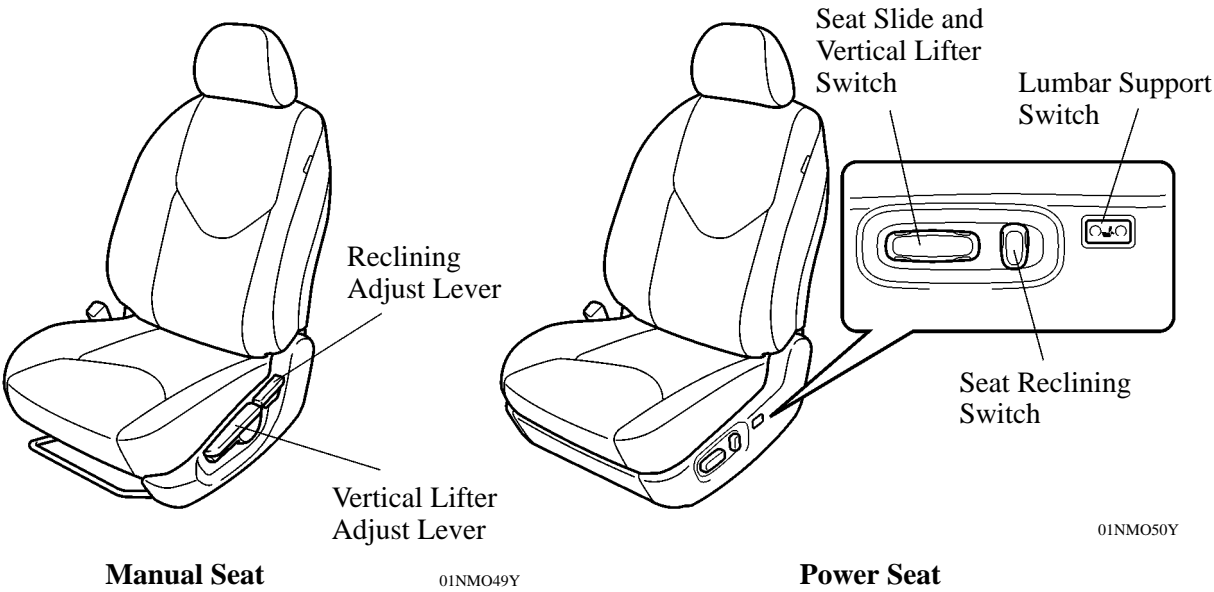
6-way manual seat is provided for the driver seat, and 4-way manual seat is provided for the front passenger seat as standard equipment on the Standard and Sport grades.

8-way power seat is provided for the driver seat as standard equipment on the Limited grade.

On both the driver and front passenger seats, seat back pockets are provided as standard equipment on the Standard grade, and net type seat back pockets are provided as standard equipment on the Limited and Sport grades.

Model Item	New		Previous	
	Driver Seat	Front Passenger Seat	Driver Seat	Front Passenger Seat
Seat Slide	240 mm (9.4 in.) 15 mm (0.6 in.) x 16 Steps		240 mm (9.4 in.) 15 mm (0.6 in.) x 16 Steps	
Seat Reclining	82° (2° x 41 Steps), 78°*		76° (2° x 38 Steps)	
Vertical Lifter	45 mm (1.8 in.)	—	45 mm (1.8 in.)	—
Front Vertical*	10°	—	—	—
Front Tilt*	26 mm (1.0 in.)	—	—	—

*: Power Seat Only



Rear Seat**Rear No. 1 Seat**

A 60/40 split retractable type rear seat with tilt-down function is provided as standard equipment.

An L-shaped headrest is used to achieve excellent rearward visibility.

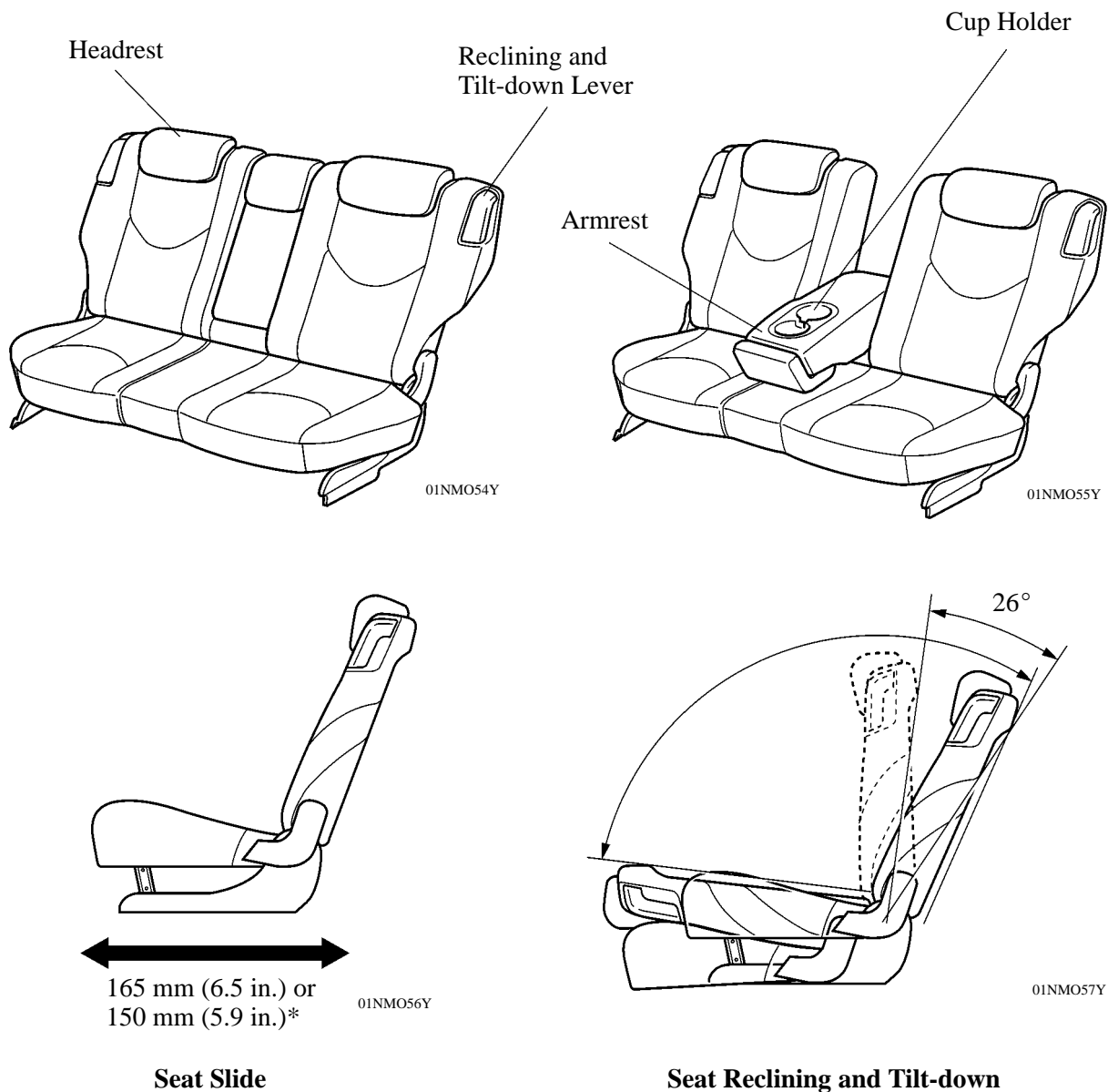
The seat slide movement is 165 mm (6.5 in.), and seat reclining angle is 26°.

On the models with a rear No. 2 seat, the amount of seat slide is 150 mm (5.9 in.).

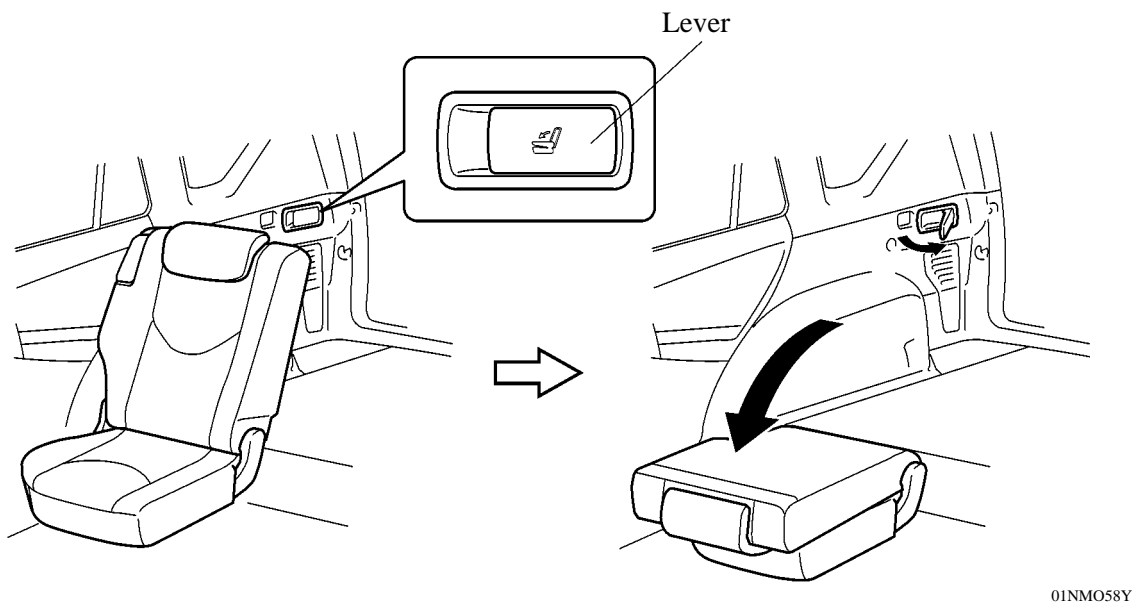
An armrest with a cup holder is provided for the center seat.

A remote operation mechanism is used to enable the user to operate a lever in the luggage compartment in order to tilt-down the rear seat.

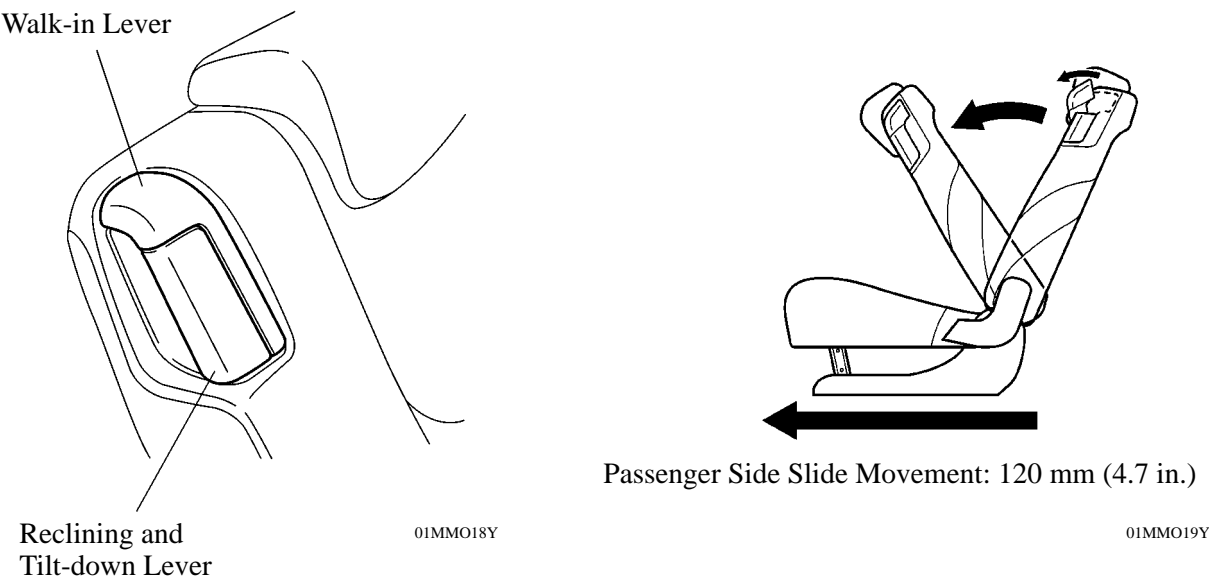
The models with a rear No. 2 seat have been provided with a walk-in function.



*: Models with a Rear No. 2 Seat



Remote Operation Mechanism

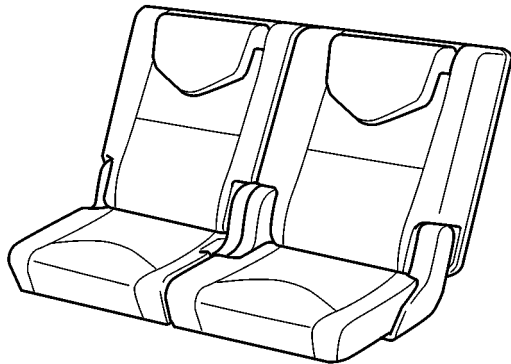


Walk-in Function

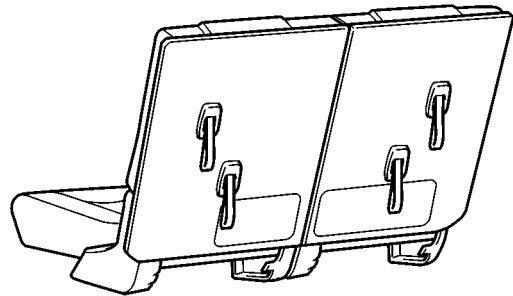
Rear No. 2 Seat

A storable rear No. 2 seat is available as optional equipment on the Standard and Limited grades.

An L-shaped headrest is used to achieve excellent rearward visibility.

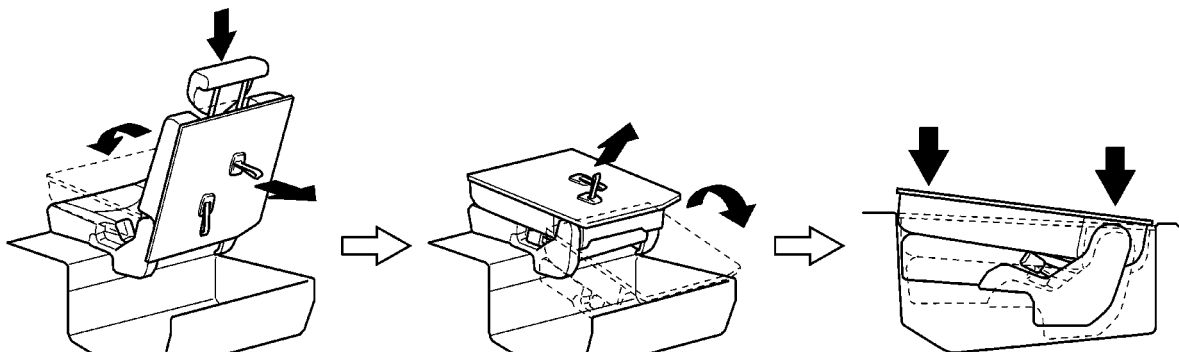


01MMO20Y



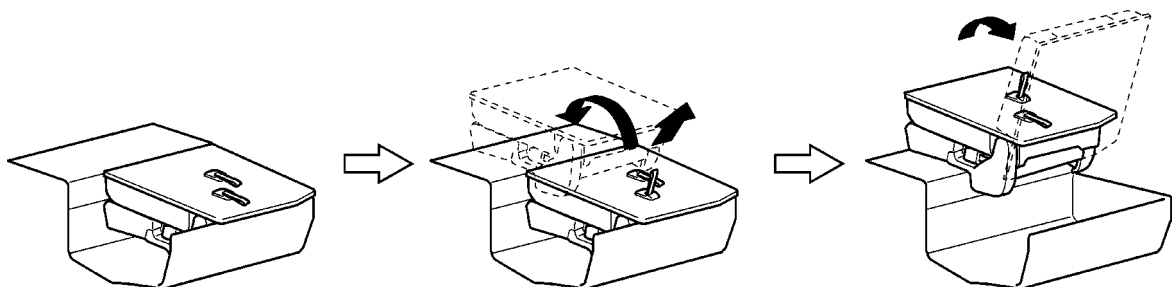
01MMO21Y

1) Storage Operation

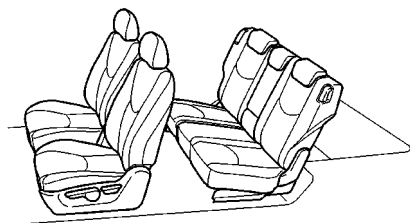


01MMO22Y

2) Set up Operation

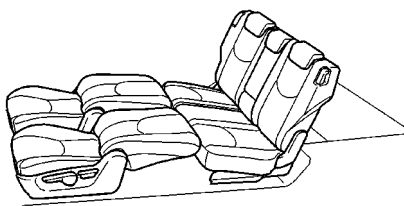


01MMO23Y

Seat Arrangement**Without Rear No. 2 Seat**

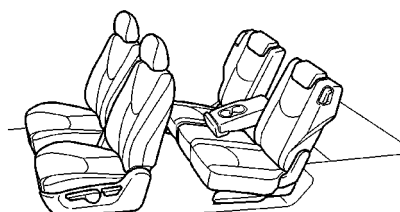
01NMO59Y

Default



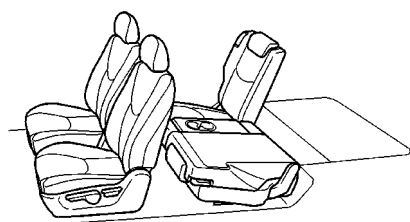
01NMO60Y

Front Seat: Full Flat



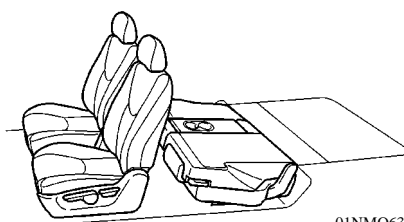
01NMO61Y

Rear Center Seat: Retracted



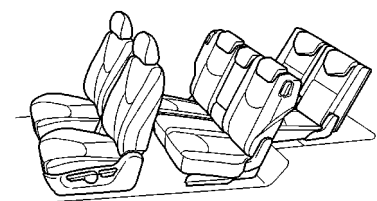
01NMO62Y

Rear Seat: One Side Tilt-down



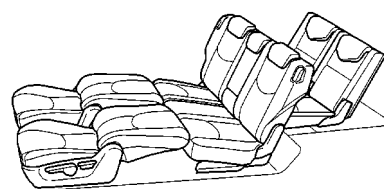
01NMO63Y

Rear Seat: Tilt-down

With Rear No. 2 Seat

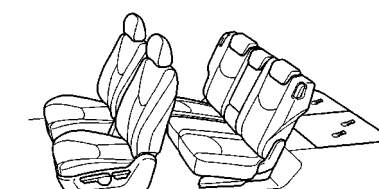
01MMO24Y

Default



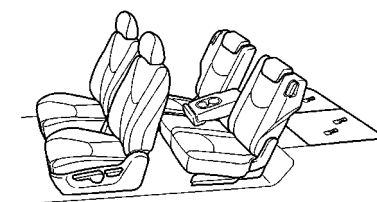
01MMO25Y

Front Seat: Full Flat



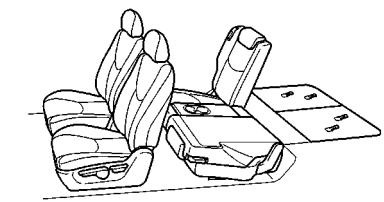
01MMO26Y

Rear No. 2 Seat: Stored



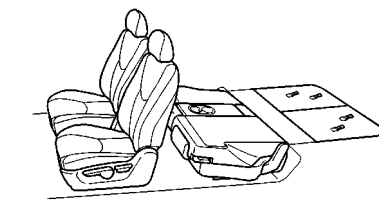
01MMO27Y

Rear No. 1 Center Seat: Retracted



01MMO28Y

Rear No. 1 Seat: One Side Tilt-down



01MMO29Y

Rear No. 1 Seat: Tilt-down

PERFORMANCE

Power Train

Engine

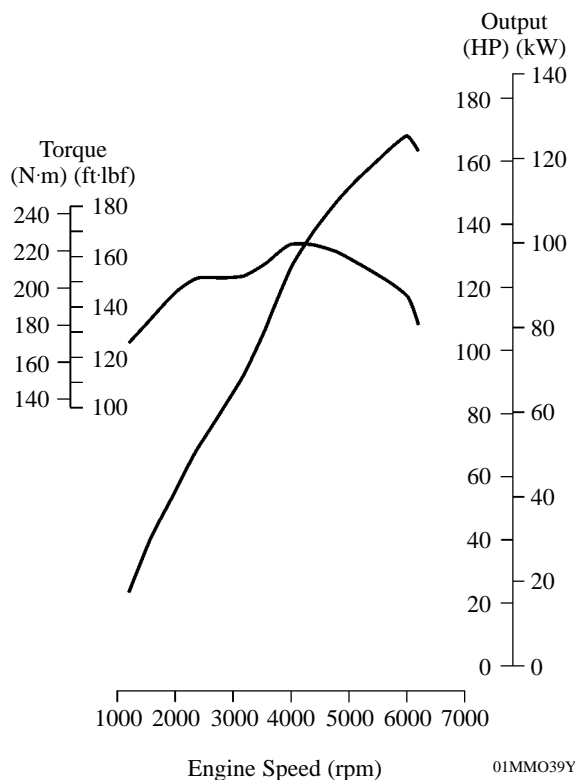
The 2AZ-FE engine has been carried over from the '05 model. This engine realizes high performance, quietness, fuel economy, and clean emissions through the use of the VVT-i (Variable Valve Timing-intelligent) system, DIS (Direct Ignition System), and ETCS-i (Electronic Throttle Control System-intelligent).

A new 2GR-FE engine is used. It realizes high performance, quietness, fuel economy, and clean emission through the use of the Dual VVT-i (Dual Variable Valve Timing-intelligent) system, DIS, and ETCS-i.

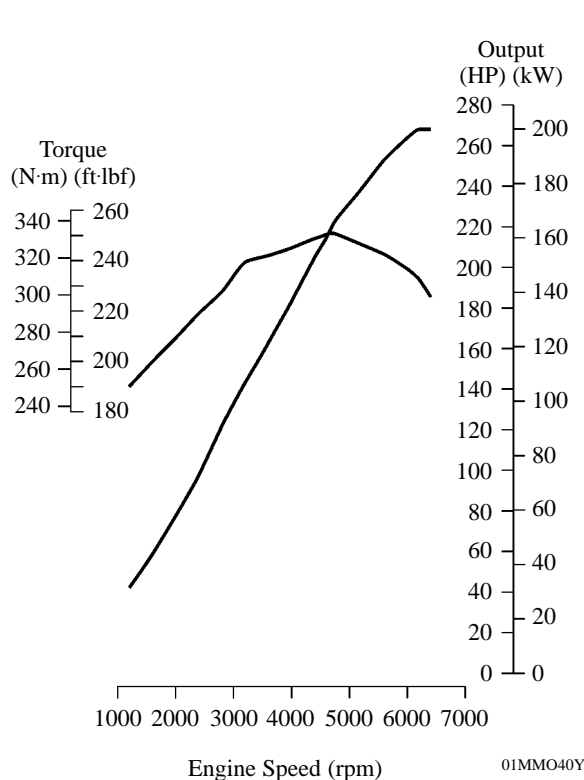
Engine Type	2AZ-FE	2GR-FE
No. of Cyls. & Arrangement	4-cylinder, In-line Type	6-cylinder, V Type
Valve Mechanism	16-valve DOHC, Chain Drive (with VVT-i)	24-valve DOHC, Chain Drive (with Dual VVT-i)
Displacement cm ³ (cu. in.)	2362 (144.2)	3456 (210.9)
Bore x Stroke mm (in.)	88.5 x 96.0 (3.48 x 3.78)	94.0 x 83.0 (3.70 x 3.27)
Compression Ratio	9.8 : 1	10.8 : 1
Maximum Output [SAE-NET]*	124 kW @ 6000 rpm (166 HP @ 6000 rpm)	200 kW @ 6200 rpm (268 HP @ 6200 rpm)
Maximum Torque [SAE-NET]*	224 N·m @ 4000 rpm (165 ft·lbf @ 4000 rpm)	336 N·m @ 4700 rpm (248 ft·lbf @ 4700 rpm)

*: Maximum output and torque rating are determined by revised SAE J1349 standard.

► 2AZ-FE Engine ◀



► 2GR-FE Engine ◀



Transaxle

The U140F and U241E 4-speed automatic transaxles have been carried over from the '05 model.

New U151E and U151F 5-speed automatic transaxles are used.

A new GF1A transfer is used.

Transaxle Type		4-speed Automatic		5-speed Automatic	
		U140F	U241E	U151F	U151E
Transfer Type		GF1A	—	GF1A	—
Combination with Engine		2AZ-FE		2GR-FE	
Drive Type		4WD	2WD	4WD	2WD
Gear Ratio*	1st	3.938	3.943	4.235	←
	2nd	2.194	2.197	2.360	←
	3rd	1.411	1.413	1.517	←
	4th	1.019	1.020	1.047	←
	5th	—	—	0.756	←
	Reverse	3.141	3.145	3.378	←

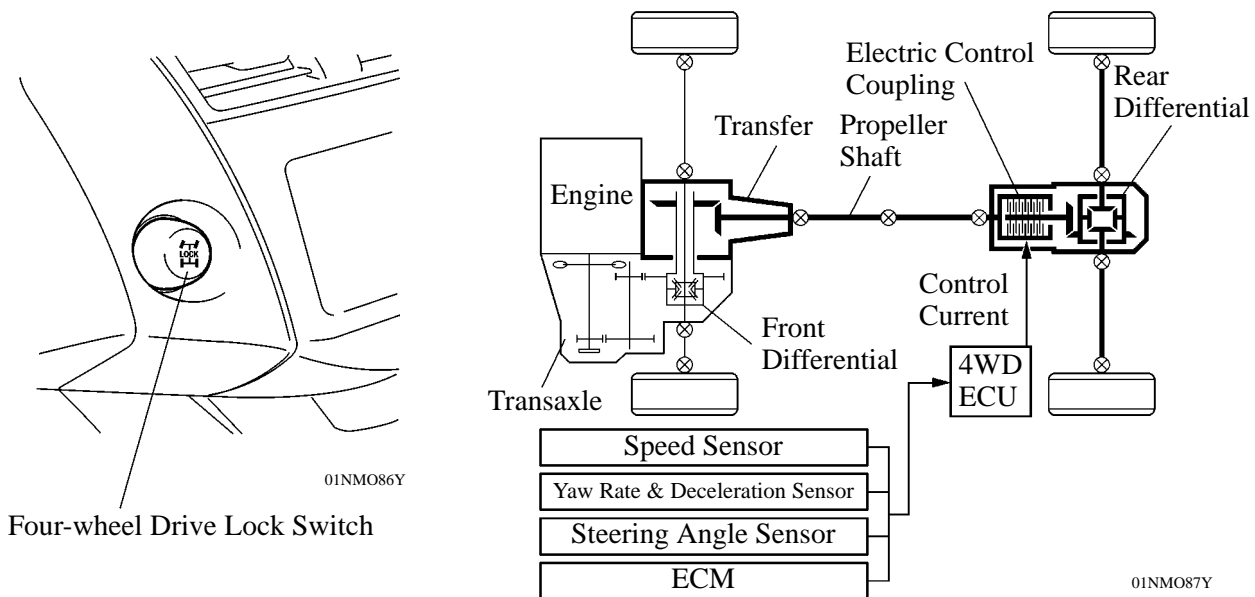
*: Counter Gear Ratio Included

Active Torque Control 4WD System

A new active torque control 4WD system with an electric control coupling is used.

The active torque control 4WD system, which has an electric control coupling in the front part of the rear differential, transmits torque to the rear wheels when needed, and only in the amount needed, based on information provided by various sensors.

By operating the four-wheel drive lock switch provided on the instrument panel, the driver can select the following modes: the AUTO mode to optimally control the torque that is transmitted to the rear wheels, and the LOCK mode that locks the torque that is transmitted to the rear wheels to the maximum amount.



System Configuration Diagram

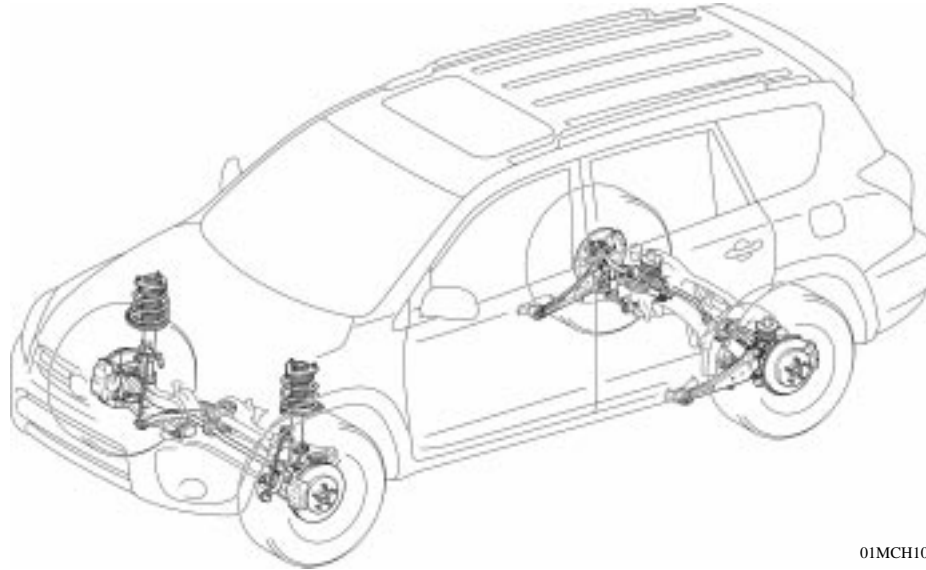
Chassis

Front Suspension

Type	MacPherson Strut Type Independent Suspension
------	---

Rear Suspension

Type	Double Wishbone Type Independent Suspension
------	--



01MCH100Y

Steering

Type	EPS (Electronic Power Steering)
Gear Type	Rack & Pinion

Brake

Front Brake Type	Ventilated Disc
Front Rotor Size	15 inch: 275 x 25 mm (10.82 x 0.87 in.)* ¹ 16 inch: 296 x 28 mm (11.84 x 1.10 in.)* ²
Rear Brake Type	Solid Disc
Rear Rotor Size	15 inch: 281 x 12 mm (11.24 x 0.48 in.)
Parking Brake Type	Lever Type
Brake Control	ABS (Anti-lock Brake System) with EBD (Electronic Brake force Distribution) & Brake Assist & TRAC (Traction Control) & Hill-start Assist Control* ³ & DAC (Downhill Assist Control)* ³ & VSC (Vehicle Stability Control)* ⁴

*¹: 2AZ-FE Engine Models with Rear No. 1 Seat Only

*²: 2GR-FE Engine Models and Models with Rear No. 2 Seat

*³: Standard Equipment on 2GR-FE Engine Models and Models with Rear No. 2 Seat

*⁴: 2WD models have been provided with Auto LSD (Limited Slip Differential).

Enhanced VSC System

The enhanced VSC (Vehicle Stability Control) system is standard equipment on all models.

In addition to the ABS, TRAC, and VSC controls provided by the conventional system, the enhanced VSC system effects cooperative control with the EPS (Electric Power Steering) and active torque control 4WD system in order to realize excellent driving stability and maneuverability.

See CH-92 for details on the enhanced VSC system.

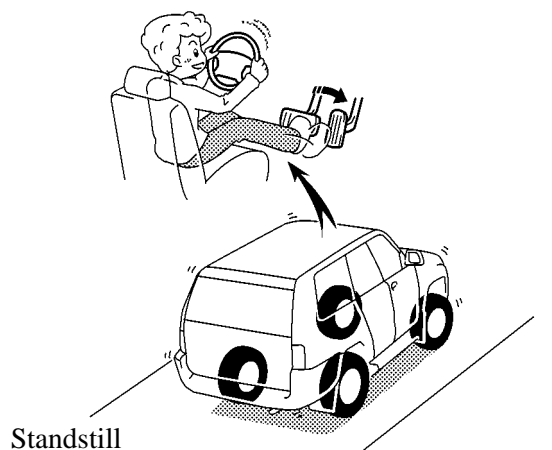
Hill-start Assist Control

The hill-start assist control is standard equipment on the 2GR-FE engine models and the models with rear No. 2 seat.

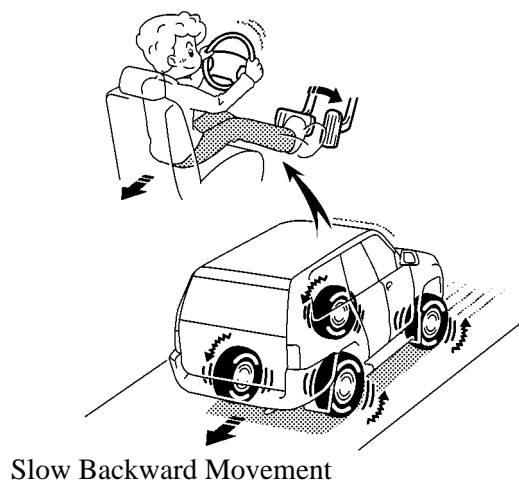
When the driver transfers his/her foot from the brake pedal to the accelerator pedal while starting off on an uphill, the hill-start assist control momentarily maintains the hydraulic pressure in the wheel cylinders of the four wheels, in order to prevent the vehicle from rolling backward.

The hill-start assist control used on the '06 model effects control to prevent the vehicle from rolling backward. This control has evolved further from the hill-start assist control of the '05 model, which slowed the backward rolling of the vehicle while starting off on a hill.

See CH-120 for details on the hill-start assist control.



'06 Model

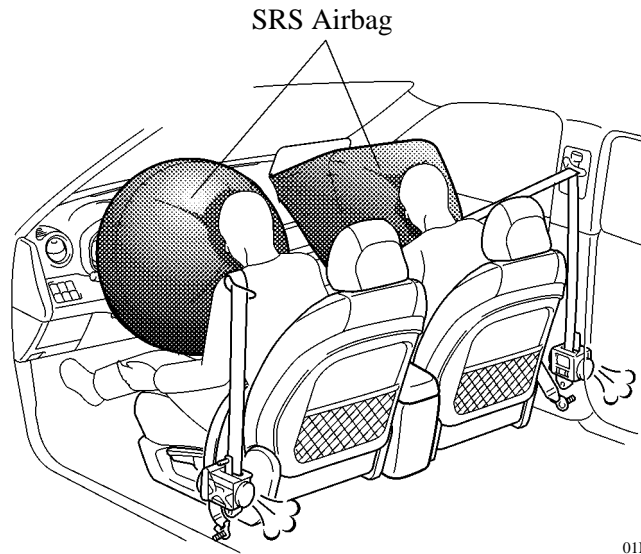


'05 Model

SAFETY

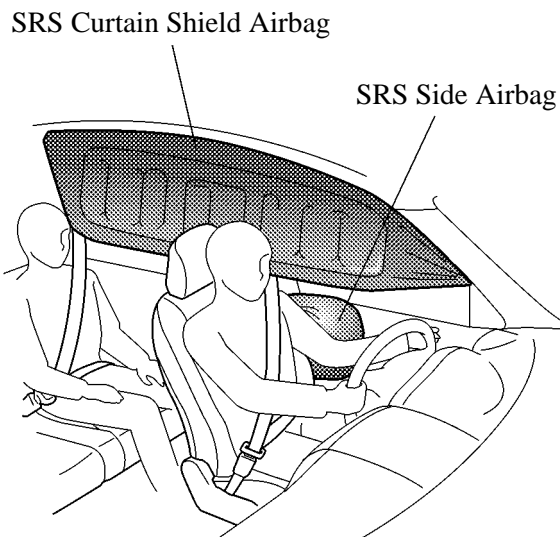
SRS Airbag System

- Dual-stage SRS (Supplemental Restraint System) airbags are standard equipment for the driver and front passenger seats. In the event of a severe frontal collision, the airbags function with the seat belts to help reduce the impact on the driver's and front passenger's heads and chests. The seat position sensor is used only for the driver's seat to help the SRS driver side air bag deploy at the right moment.



01MBE16Y

- The SRS side airbags (driver and front passenger seats) which help reduce side impacts are available as optional equipment.
- The SRS curtain shield airbags (front and rear seats) which help reduce side impacts are available as optional equipment.



01NBE06Y

MAJOR TECHNICAL SPECIFICATIONS

Item			U.S.A.			
Body Type			5-door Wagon			
Vehicle Grade			Standard (4WD)	Limited (4WD)	Sport (4WD)	Standard (2WD)
Model Code			ACA33L-ANPXKA	ACA33L-ANPGKA	ACA33L-ANPSKA	ACA33L-ANPXKA
Major Dimensions & Vehicle Weights	Overall	Length mm (in.)	4570 (180.0)* ² , 4575 (180.1)* ³	4600 (181.1)	4580 (180.3)	4570 (180.0)* ² , 4575 (180.1)* ³
		Width mm (in.)	1815 (71.5)	1815 (71.5), 1855 (73.0)* ⁴	1855 (73.0)	1815 (71.5)
		Height* ¹ mm (in.)	1685 (66.3), 1745 (68.7)* ⁵ 1690 (66.5)* ⁶ , 1755 (69.1)* ^{5, 6}	1745 (68.7), 1755 (69.1)* ⁶	1745 (68.7)	1685 (66.3), 1745 (68.7)* ⁵ 1690 (66.5)* ⁶ , 1755 (69.1)* ^{5, 6}
	Wheel Base	mm (in.)	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)
	Tread	Front mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
		Rear mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	Effective Head Room	Front mm (in.)	1037 (40.8)	1037 (40.8), 1002 (39.4)* ⁷	1037 (40.8), 1002 (39.4)* ⁷	1037 (40.8)
		Rear mm (in.)	1009 (39.7)	1009 (39.7)	1009 (39.7)	1009 (39.7)
	Effective Leg Room	Front mm (in.)	1075 (42.3)	1075 (42.3)	1075 (42.3)	1075 (42.3)
		Rear mm (in.)	940 (37.0)	940 (37.0)	940 (37.0)	940 (37.0)
	Shoulder Room	Front mm (in.)	1450 (57.1)	1450 (57.1)	1450 (57.1)	1450 (57.1)
		Rear mm (in.)	1405 (55.3)	1405 (55.3)	1405 (55.3)	1405 (55.3)
	Overhang	Front mm (in.)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
		Rear mm (in.)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	Min. Running Ground Clearance	mm (in.)	190 (7.5)	190 (7.5)	190 (7.5)	190 (7.5)
	Angle of Approach	degrees	29	29	29	29
	Angle of Departure	degrees	25	25	25	25
	Curb Weight	Front kg (lb)	892 (1967)	898 (1980)	903 (1991)	868 (1914)
		Rear kg (lb)	670 (1477)	695 (1532)	691 (1523)	629 (1387)
		Total kg (lb)	1562 (3444)	1593 (3512)	1594 (3514)	1497 (3300)
	Gross Vehicle Weight	Front kg (lb)	—	—	—	—
		Rear kg (lb)	—	—	—	—
		Total (2nd / 3rd) kg (lb)	2057 (4535) / 2207 (4865)	2057 (4535) / 2207 (4865)	2057 (4535) / —	2009 (4430) / 2145 (4730)
Performance	Fuel Tank Capacity	ℓ (US gal., Imp. gal.)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	Luggage Compartment Capacity	m ³ (cu.ft.)	—	—	—	—
	Max. Speed	km / h (mph)	185 (115)	185 (115)	185 (115)	190 (118)
	Max. Cruising Speed	km / h (mph)	145 (90)	145 (90)	145 (90)	150 (93)
	Acceleration	0 to 60 mph sec.	10.2	10.2	10.2	10.0
		0 to 400 m sec.	—	—	—	—
	Max. Permissible Speed	1st Gear km / h (mph)	67 (41)	67 (41)	67 (41)	70 (43)
		2nd Gear km / h (mph)	120 (74)	120 (74)	120 (74)	126 (78)
		3rd Gear km / h (mph)	—	—	—	—
		4th Gear km / h (mph)	—	—	—	—
	Turning Diameter (Outside Front)	Wall to Wall m (ft.)	5.7 (18.7)	5.7 (18.7)	6.0 (19.7)	5.7 (18.7)
		Curb to Curb m (ft.)	5.3 (17.4)	5.3 (17.4)	5.6 (18.4)	5.3 (17.4)
Engine	Engine Type		2AZ-FE	2AZ-FE	2AZ-FE	2AZ-FE
	Valve Mechanism		16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC	16-Valve, DOHC
	Bore x Stroke mm (in.)		88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)
	Displacement cm ³ (cu.in.)		2362 (144.2)	2362 (144.2)	2362 (144.2)	2362 (144.2)
	Compression Ratio		9.6 : 1	9.6 : 1	9.6 : 1	9.6 : 1
	Fuel System		SFI	SFI	SFI	SFI
	Octane Rating		87 or higher	87 or higher	87 or higher	87 or higher
	Max. Output (SAE-NET)* ⁸ kW / rpm (HP@rpm)		124 / 6000 (166@6000)	124 / 6000 (166@6000)	124 / 6000 (166@6000)	124 / 6000 (166@6000)
Engine Electrical	Max. Torque (SAE-NET)* ⁸ N·m / rpm (lb-ft@rpm)		224 / 4000 (165@4000)	224 / 4000 (165@4000)	224 / 4000 (165@4000)	224 / 4000 (165@4000)
	Battery Capacity (5HR) Voltage & Amp. hr.		12-55	12-55	12-55	12-55
	Generator Output Watts		1200	1200	1200	1200
	Starter Output kW		1.7	1.7	1.7	1.7
Chassis	Clutch Type		—	—	—	—
	Transmission Type		U140F	U140F	U140F	U241E
	Gear Ratio (Counter Gear Ratio Included)	In First	3.938	3.938	3.938	3.943
		In Second	2.194	2.194	2.194	2.197
		In Third	1.411	1.411	1.411	1.413
		In Fourth	1.019	1.019	1.019	1.020
		In Fifth	—	—	—	—
		In Reverse	3.141	3.141	3.141	3.145
	Differential Gear Ratio (Final)		3.080	3.080	3.080	2.923
	Transfer / Rear Differential Gear Ratio		0.439 / 2.277	0.439 / 2.277	0.439 / 2.277	—
	Rear Differential Gear Size mm (in.)		135 (5.3)	135 (5.3)	135 (5.3)	—
	Brake Type	Front	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear	Solid Disc	Solid Disc	Solid Disc	Solid Disc
	Parking Brake Type		Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum
	Brake Booster Type and Size in.		Single, 10"	Single, 10"	Single, 10"	Single, 10"
	Proportioning Valve Type		—	—	—	—
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
		Rear	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
	Stabilizer Bar	Front	Standard	Standard	Standard	Standard
		Rear	Standard	Standard	Standard	—, Option* ⁶
	Steering Gear Type		Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio (Overall)		14.4	14.4	14.6	14.4
	Power Steering Type		Electric Motor	Electric Motor	Electric Motor	Electric Motor

*1: Unladen Vehicle

*3: With 225/65R17 Tire

*2: With 215/70R16 Tire

*4: With Over-fender

*5: With Roof Rail

*6: With Rear No.2 Seat

*7: With Roof Rail

*8: Maximum output and torque rating is determined by revised SAE J1349 standard.

	U. S. A.					
	5-door Wagon					
	Limited (2WD)	Sport (2WD)	Standard (4WD)	Limited (4WD)	Sport (4WD)	Standard (2WD)
	ACA38L-ANPGKA	ACA38L-ANPSKA	GSA33L-ANAXKA	GSA33L-ANAGKA	GSA33L-ANASKA	GSA38L-ANAXKA
5	4600 (181.1)	4580 (180.3)	4570 (180.0)*2, 4575 (180.1)*3	4600 (181.1)	4580 (180.3)	4570 (180.0)*2, 4575 (180.1)*3
	1815 (71.5), 1855 (73.0)*4	1855 (73.0)	1815 (71.5)	1815 (71.5), 1855 (73.0)*4	1855 (73.0)	1815 (71.5)
	1745 (68.7), 1755 (69.1)*6	1745 (68.7)	1685 (66.3), 1745 (68.7)*5 1690 (66.5)*6, 1755 (69.1)*5, 6	1745 (68.7), 1755 (69.1)*6	1745 (68.7)	1685 (66.3), 1745 (68.7)*5 1690 (66.5)*6, 1755 (69.1)*5, 6
	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)
	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
10	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	1037 (40.8), 1002 (39.4)*7	1037 (40.8), 1002 (39.4)*7	1037 (40.8)	1037 (40.8), 1002 (39.4)*7	1037 (40.8), 1002 (39.4)*7	1037 (40.8)
	1009 (39.7)	1009 (39.7)	1009 (39.7)	1009 (39.7)	1009 (39.7)	1009 (39.7)
	1075 (42.3)	1075 (42.3)	1075 (42.3)	1075 (42.3)	1075 (42.3)	1075 (42.3)
	940 (37.0)	940 (37.0)	940 (37.0)	940 (37.0)	940 (37.0)	940 (37.0)
15	1450 (57.1)	1450 (57.1)	1450 (57.1)	1450 (57.1)	1450 (57.1)	1450 (57.1)
	1405 (55.3)	1405 (55.3)	1405 (55.3)	1405 (55.3)	1405 (55.3)	1405 (55.3)
	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	190 (7.5)	190 (7.5)	190 (7.5)	190 (7.5)	190 (7.5)	190 (7.5)
20	29	29	29	29	29	29
	25	25	25	25	25	25
	874 (1927)	879 (1938)	977 (2154)	976 (2152)	981 (2163)	961 (2125)
	655 (1444)	651 (1435)	681 (1501)	691 (1523)	687 (1515)	639 (1409)
	1529 (3371)	1530 (3373)	1667 (3675)	1667 (3675)	1668 (3677)	1600 (3527)
25	—	—	—	—	—	—
	—	—	—	—	—	—
	2009 (4430)/2145 (4730)	2009 (4430)/—	2141 (4720)/2275 (5015)	2141 (4720)/2275 (5015)	2141 (4720)/—	2087 (4600)/2220 (4895)
	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	—	—	—	—	—	—
30	190 (118)	190 (118)	210 (130)	210 (130)	210 (130)	210 (130)
	150 (93)	150 (93)	165 (102)	165 (102)	165 (102)	165 (102)
	10.0	10.0	6.7	6.7	6.7	6.9
	—	—	—	—	—	—
	70 (43)	70 (43)	63 (39)	63 (39)	63 (39)	63 (39)
35	126 (78)	126 (78)	113 (70)	113 (70)	113 (70)	113 (70)
	—	—	175 (109)	175 (109)	175 (109)	175 (109)
	—	—	—	—	—	—
	5.7 (18.7)	6.0 (19.7)	6.0 (19.7)	6.0 (19.7)	6.0 (19.7)	6.0 (19.7)
	5.3 (17.4)	5.6 (18.4)	5.6 (18.4)	5.6 (18.4)	5.6 (18.4)	5.6 (18.4)
40	2AZ-FE	2AZ-FE	2GR-FE	2GR-FE	2GR-FE	2GR-FE
	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive
	88.5 x 96.0 (3.48 x 3.78)	88.5 x 96.0 (3.48 x 3.78)	94.0 x 83.0 (3.70 x 3.27)	94.0 x 83.0 (3.70 x 3.27)	94.0 x 83.0 (3.70 x 3.27)	94.0 x 83.0 (3.70 x 3.27)
	2362 (144.2)	2362 (144.2)	3456 (210.9)	3456 (210.9)	3456 (210.9)	3456 (210.9)
	9.8 : 1	9.8 : 1	10.8 : 1	10.8 : 1	10.8 : 1	10.8 : 1
45	SFI	SFI	SFI	SFI	SFI	SFI
	87 or higher	87 or higher	91 or higher	91 or higher	91 or higher	91 or higher
	124 / 6000 (166@6000)	124 / 6000 (166@6000)	200 / 6200 (268@6200)	200 / 6200 (268@6200)	200 / 6200 (268@6200)	200 / 6200 (268@6200)
	224 / 4000 (165@4000)	224 / 4000 (165@4000)	336 / 4700 (248@4700)	336 / 4700 (248@4700)	336 / 4700 (248@4700)	336 / 4700 (248@4700)
	12-55	12-55	12-55	12-55	12-55	12-55
50	1200	1200	1200, 1800*9	1200, 1800*9	1200, 1800*9	1200, 1800*9
	1.7	1.7	1.7	1.7	1.7	1.7
	—	—	—	—	—	—
	U241E	U241E	U151F	U151F	U151F	U151E
	3.943	3.943	4.235	4.235	4.235	4.235
55	2.197	2.197	2.360	2.360	2.360	2.360
	1.413	1.413	1.517	1.517	1.517	1.517
	1.020	1.020	1.047	1.047	1.047	1.047
	—	—	0.756	0.756	0.756	0.756
	3.145	3.145	3.378	3.378	3.378	3.378
60	2.923	2.923	3.080	3.080	3.080	3.080
	—	—	0.439 / 2.277	0.439 / 2.277	0.439 / 2.277	—
	—	—	135 (5.3)	135 (5.3)	135 (5.3)	—
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc	Solid Disc
65	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum
	Single, 10"	Single, 10"	Single, 10"	Single, 10"	Single, 10"	Single, 10"
	—	—	—	—	—	—
	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
70	Standard	Standard	Standard	Standard	Standard	Standard
	—, Option*6	—	Standard	Standard	Standard	Standard
	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	14.4	14.6	14.4	14.4	14.6	14.4
	Electric Motor	Electric Motor	Electric Motor	Electric Motor	Electric Motor	Electric Motor

*9: Option

Item			Area	U.S.A.		Canada	
Body Type			5-door Wagon				
Vehicle Grade			Limited (2WD)	Sport (2WD)	Standard (4WD)	Limited (4WD)	
Model Code			GSA38L-ANAGKA	GSA38L-ANASKA	ACA33L-ANPXXK	ACA33L-ANPGKK	
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4600 (181.1)	4580 (180.3)	4570 (180.0)*2, 4575 (180.1)*3	4600 (181.1)
		Width	mm (in.)	1815 (71.5), 1855 (73.0)*4	1855 (73.0)	1815 (71.5)	1815 (71.5), 1855 (73.0)*4
		Height*1	mm (in.)	1745 (68.7), 1755 (69.1)*6	1745 (68.7)	1685 (66.3), 1745 (68.7)*3 1690 (66.5)*5, 1755 (69.1)*5, 6	1745 (68.7), 1755 (69.1)*6
	Wheel Base		mm (in.)	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)
	Tread	Front	mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
		Rear	mm (in.)	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	Effective Head Room	Front	mm (in.)	1037 (40.8), 1002 (39.4)*7	1037 (40.8), 1002 (39.4)*7	1037 (40.8)	1037 (40.8), 1002 (39.4)*7
		Rear	mm (in.)	1009 (39.7)	1009 (39.7)	1009 (39.7)	1009 (39.7)
	Effective Leg Room	Front	mm (in.)	1075 (42.3)	1075 (42.3)	1075 (42.3)	1075 (42.3)
		Rear	mm (in.)	940 (37.0)	940 (37.0)	940 (37.0)	940 (37.0)
	Shoulder Room	Front	mm (in.)	1450 (57.1)	1450 (57.1)	1450 (57.1)	1450 (57.1)
		Rear	mm (in.)	1405 (55.3)	1405 (55.3)	1405 (55.3)	1405 (55.3)
	Overhang	Front	mm (in.)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
		Rear	mm (in.)	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	Min. Running Ground Clearance		mm (in.)	190 (7.5)	190 (7.5)	190 (7.5)	190 (7.5)
	Angle of Approach		degrees	29	29	29	29
	Angle of Departure		degrees	25	25	25	25
	Curb Weight	Front	kg (lb)	960 (2116)	964 (2125)	892 (1967)	898 (1980)
		Rear	kg (lb)	649 (1431)	646 (1424)	670 (1477)	695 (1532)
		Total	kg (lb)	1609 (3547)	1610 (3549)	1562 (3444)	1593 (3512)
	Gross Vehicle Weight	Front	kg (lb)	—	—	—	—
		Rear	kg (lb)	—	—	—	—
			Total (2nd / 3rd) kg (lb)	2087 (4600) / 2220 (4895)	2087 (4600) / —	2057 (4535) / 2207 (4865)	2057 (4535) / 2207 (4865)
	Fuel Tank Capacity		ℓ(US.gal., Imp.gal.)	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	Luggage Compartment Capacity		m³ (cu.ft.)	—	—	—	—
Performance	Max. Speed		km / h (mph)	210 (130)	210 (130)	185 (115)	185 (115)
	Max. Cruising Speed		km / h (mph)	165 (102)	165 (102)	145 (90)	145 (90)
	Acceleration	0 to 60 mph	sec.	6.9	6.9	10.2	10.2
		0 to 400 m	sec.	—	—	—	—
	Max. Permissible Speed	1st Gear	km / h (mph)	63 (39)	63 (39)	67 (41)	67 (41)
		2nd Gear	km / h (mph)	113 (70)	113 (70)	120 (74)	120 (74)
		3rd Gear	km / h (mph)	175 (109)	175 (109)	—	—
		4th Gear	km / h (mph)	—	—	—	—
	Turning Diameter (Outside Front)	Wall to Wall	m (ft.)	6.0 (19.7)	6.0 (19.7)	5.7 (18.7)	5.7 (18.7)
		Curb to Curb	m (ft.)	5.6 (18.4)	5.6 (18.4)	5.3 (17.4)	5.3 (17.4)
Engine	Engine Type		2GR-FE	2GR-FE	2AZ-FE	2AZ-FE	
	Valve Mechanism		24-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	16-Valve, DOHC, Chain Drive	
	Bore x Stroke		mm (in.)	94.0 x 83.0 (3.70 x 3.27)	94.0 x 83.0 (3.70 x 3.27)	88.5 x 96.0 (3.48 x 3.78)	
	Displacement		cm³ (cu.in.)	3456 (210.9)	3456 (210.9)	2362 (144.2)	
	Compression Ratio		10.8 : 1	10.8 : 1	9.8 : 1	9.8 : 1	
	Fuel System		SFI	SFI	SFI	SFI	
	Octane Rating		91 or higher	91 or higher	87 or higher	87 or higher	
	Max. Output (SAE-NET)*8		kW / rpm (HP@rpm)	200 / 6200 (268@6200)	200 / 6200 (268@6200)	124 / 6000 (166@6000)	124 / 6000 (166@6000)
Engine Electrical	Max. Torque (SAE-NET)*8		N·m / rpm (lb-ft@rpm)	336 / 4700 (248@4700)	336 / 4700 (248@4700)	224 / 4000 (165@4000)	224 / 4000 (165@4000)
	Battery Capacity (5HR)	Voltage & Amp. hr.	12-55	12-55	12-55	12-55	
	Generator Output	Watts	1200, 1800*9	1200, 1800*9	1200	1200	
Starter Output		kW	1.7	1.7	1.7	1.7	
Chassis	Clutch Type		—	—	—	—	
	Transmission Type		U151E	U151E	U140F	U140F	
	Gear Ratio (Counter Gear Ratio Included)	In First	4.235	4.235	3.938	3.938	
		In Second	2.360	2.360	2.194	2.194	
		In Third	1.517	1.517	1.411	1.411	
		In Fourth	1.047	1.047	1.019	1.019	
		In Fifth	0.576	0.576	—	—	
		In Reverse	3.378	3.378	3.141	3.141	
	Differential Gear Ratio (Final)		3.080	3.080	3.080	3.080	
	Transfer / Rear Differential Gear Ratio		—	—	0.439 / 2.277	0.439 / 2.277	
	Rear Differential Gear Size		mm (in.)	—	135 (5.3)	135 (5.3)	
	Brake Type	Front	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc	
		Rear	Solid Disc	Solid Disc	Solid Disc	Solid Disc	
	Parking Brake Type		Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	
	Brake Booster Type and Size		in.	Single, 10"	Single, 10"	Single, 10"	
	Proportioning Valve Type		—	—	—	—	
	Suspension Type	Front	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut	
		Rear	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone	
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 (Overall)		14.4	14.6	14.4	14.4		
Power Steering Type		Electric Motor	Electric Motor	Electric Motor	Electric Motor		

*1: Unladen Vehicle

*3: With 225/65R17 Tire

*2: With 215/70R16 Tire

*4: With Over-fender

*5: With Roof Rail

*6: With Rear No.2 Seat

*7: With Roof Rail

*8: Maximum output and torque rating is determined by revised SAE J1349 standard.

Canada				
5-door Wagon				
	Sport (4WD)	Standard (4WD)	Limited (4WD)	Sport (4WD)
	ACA33L-ANPSKK	GSA33L-ANAXKK	GSA33L-ANAGKK	GSA33L-ANASKK
5	4580 (180.3)	4570 (180.0)*2, 4575 (180.1)*3	4600 (181.1)	4580 (180.3)
	1855 (73.0)	1815 (71.5)	1815 (71.5), 1855 (73.0)*4	1855 (73.0)
	1745 (68.7)	1685 (66.3), 1745 (68.7)*5 1690 (66.5)*6, 1755 (69.1)*5, 6	1745 (68.7), 1755 (69.1)*6	1745 (68.7)
	2660 (104.7)	2660 (104.7)	2660 (104.7)	2660 (104.7)
	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
10	1560 (61.4)	1560 (61.4)	1560 (61.4)	1560 (61.4)
	1037 (40.8), 1002 (39.4)*7	1037 (40.8)	1037 (40.8), 1002 (39.4)*7	1037 (40.8), 1002 (39.4)*7
	1009 (39.7)	1009 (39.7)	1009 (39.7)	1009 (39.7)
	1075 (42.3)	1075 (42.3)	1075 (42.3)	1075 (42.3)
	940 (37.0)	940 (37.0)	940 (37.0)	940 (37.0)
15	1450 (57.1)	1450 (57.1)	1450 (57.1)	1450 (57.1)
	1405 (55.3)	1405 (55.3)	1405 (55.3)	1405 (55.3)
	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
	1085 (42.7)	1085 (42.7)	1085 (42.7)	1085 (42.7)
	190 (7.5)	190 (7.5)	190 (7.5)	190 (7.5)
20	29	29	29	29
	25	25	25	25
	903 (1991)	977 (2154)	976 (2152)	981 (2163)
	691 (1523)	681 (1501)	691 (1523)	687 (1515)
	1594 (3514)	1658 (3655)	1667 (3675)	1667 (3675)
25	—	—	—	—
	—	—	—	—
	2057 (4535) / —	2141 (4720) / 2275 (5015)	2141 (4720) / 2275 (5015)	2141 (4720) / —
	60 (13.2)	60 (13.2)	60 (13.2)	60 (13.2)
	—	—	—	—
30	185 (115)	210 (130)	210 (130)	210 (130)
	145 (90)	165 (102)	165 (102)	165 (102)
	10.2	6.7	6.7	6.7
	—	—	—	—
	67 (41)	63 (39)	63 (39)	63 (39)
35	120 (74)	113 (70)	113 (70)	113 (70)
	—	175 (109)	175 (109)	175 (109)
	—	—	—	—
	6.0 (19.7)	6.0 (19.7)	6.0 (19.7)	6.0 (19.7)
	5.6 (18.4)	5.6 (18.4)	5.6 (18.4)	5.6 (18.4)
40	2AZ-FE	2GR-FE	2GR-FE	2GR-FE
	16-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive	24-Valve, DOHC, Chain Drive
	88.5 x 96.0 (3.48 x 3.78)	94.0 x 83.0 (3.70 x 3.27)	94.0 x 83.0 (3.70 x 3.27)	94.0 x 83.0 (3.70 x 3.27)
	2362 (144.2)	3456 (210.9)	3456 (210.9)	3456 (210.9)
	9.8 : 1	10.8 : 1	10.8 : 1	10.8 : 1
45	SFI	SFI	SFI	SFI
	87 or higher	91 or higher	91 or higher	91 or higher
	124 / 6000 (166@6000)	200 / 6200 (268@6200)	200 / 6200 (268@6200)	200 / 6200 (268@6200)
	224 / 4000 (165@4000)	336 / 4700 (248@4700)	336 / 4700 (248@4700)	336 / 4700 (248@4700)
	12-55	12-55	12-55	12-55
50	1200	1200, 1800*9	1200, 1800*9	1200, 1800*9
	1.7	1.7	1.7	1.7
	—	—	—	—
	U140F	U151F	U151F	U151F
	3.938	4.235	4.235	4.235
55	2.194	2.360	2.360	2.360
	1.411	1.517	1.517	1.517
	1.019	1.047	1.047	1.047
	—	0.576	0.576	0.576
	3.141	3.378	3.378	3.378
60	3.080	3.080	3.080	3.080
	0.439 / 2.277	0.439 / 2.277	0.439 / 2.277	0.439 / 2.277
	135 (5.3)	135 (5.3)	135 (5.3)	135 (5.3)
	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Solid Disc	Solid Disc	Solid Disc	Solid Disc
65	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum	Duo Servo Drum
	Single, 10"	Single, 10"	Single, 10"	Single, 10"
	—	—	—	—
	MacPherson Strut	MacPherson Strut	MacPherson Strut	MacPherson Strut
	Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
70	Standard	Standard	Standard	Standard
	Standard	Standard	Standard	Standard
	Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	14.6	14.4	14.4	14.6
	Electric Motor	Electric Motor	Electric Motor	Electric Motor

*9: Option

- MEMO -