

## GROUP 00

# GENERAL

### CONTENTS

<b>HOW TO USE THIS MANUAL . . . . .</b>	<b>00-2</b>	TRANSMISSION . . . . .	00-5
<b>TARGETS OF DEVELOPMENT . . . .</b>	<b>00-2</b>	SUSPENSION . . . . .	00-6
<b>PRODUCT FEATURES . . . . .</b>	<b>00-2</b>	ACTIVE SAFETY . . . . .	00-7
<b>TECHNICAL FEATURES . . . . .</b>	<b>00-3</b>	PASSIVE SAFETY . . . . .	00-8
EXTERIOR . . . . .	00-3	EQUIPMENTS . . . . .	00-10
INTERIOR . . . . .	00-4	ENVIRONMENTAL PROTECTION . . . . .	00-10
ENGINE . . . . .	00-5	SERVICEABILITY AND RELIABILITY . . . . .	00-11
		<b>VEHICLE IDENTIFICATION . . . . .</b>	<b>00-12</b>
		<b>MAJOR SPECIFICATIONS . . . . .</b>	<b>00-14</b>

## HOW TO USE THIS MANUAL

M2000029000424

### INDICATION OF DESTINATION

General Export and GCC are used for convenience to indicate destination.

1. "General Export" means territories other than Europe, GCC, Australia, New Zealand, the U.S.A. and Canada.
2. "GCC" indicates countries that are members of the (Persian) Gulf Cooperation Council of nations.
3. In some instances, vehicles with other specifications may be shipped to some countries.

### MODEL INDICATIONS

The following abbreviations are used in this manual for identification of model types.

MPI: Indicates the multipoint injection, or engine equipped with the multipoint injection.  
 MIVEC: Indicates the mitsubishi innovative valve timing and lift electronic control system.  
 2400: Indicates models equipped with the 2,400 mL <4G64, 4G69> petrol engine.  
 SOHC: Indicates an engine with the single overhead camshaft.  
 DOHC: Indicates an engine with the double overhead camshaft.  
 A/T: Indicates the automatic transmission, or models equipped with the automatic transmission.  
 A/C: Indicates the air conditioner.

## TARGETS OF DEVELOPMENT

M2000004000784

OUTLANDER has been developed as a passenger-vehicle-based SUV showing promise for stable needs in the future. With OUTLANDER, we will enter the SUV market in a big way.

## PRODUCT FEATURES

M2000005000334

### FUN TO DRIVE UNDER ALL-ROAD CONDITIONS

- 2400 16-valve SOHC engine
- 2400 16-valve SOHC MIVEC engine
- 4 speed automatic transmission with sport mode
- Full-time 4WD, 16-inch or 17-inch tyres and High ground clearance for off-road driving

*NOTE: MIVEC: Mitsubishi Innovative Valve timing & lift Electronic Control system, which is an unique cam profile selection mechanism of Mitsubishi.*

### COMFORT PACKAGE WITH SPECE AND VARIETY OF AMENITIES

- Wide and long cabin
- Large floor console with 2-mug cup holders (L.H. drive vehicles), cargo room hook, etc.

### SPORTY AND COOL, NEW-GENERATION SUV

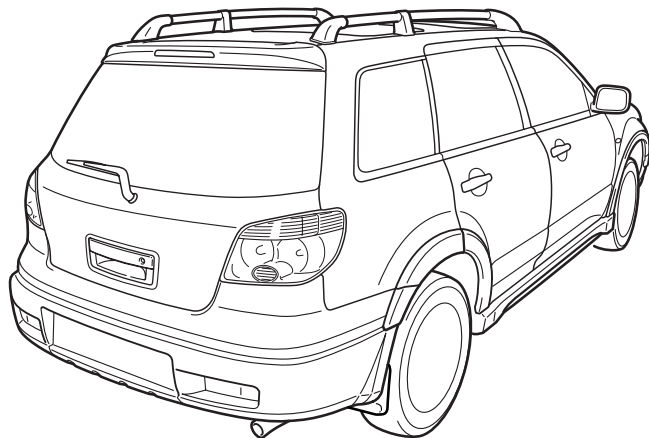
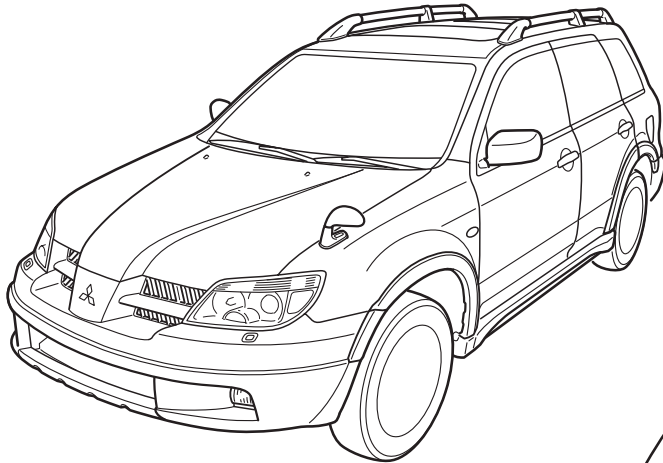
- Exterior is sleek and off-road taste for expected new generation SUV.
- Interior offers "fresh" feel by t-shape instrumental panel and seat fabric.

## TECHNICAL FEATURES

### EXTERIOR

### DESIGN FEATURES

M2000017000580



AC401262

#### Over view

- Compared to usual sports wagons, the body is higher and the high quality sporty body and robust wheel-wells are combined to feature an all round impression.
- Tough impression is emphasized with a large bumper.
- Functionality and a tough driving image has been expressed with a geometric design in the front and rear area.

#### Front view

- Highly original and powerful front appearance
- Protective image emphasized with coloured underpart overhung of basic surface.

- Stability is expressed by extending the length and size of the opening of the bottom end of the bumper.

#### Side view

- Expressing tough driving with large-diameter 16-inch tyres <Except VR-X>, 17-inch tyres <VR-X> and large fender flare.
- Overfenders have been added to feature an all-round drive and robust wheeling impressions as sport utility vehicle. <Except LS, GLX>
- Simple shape side-sill garnish maintains a clean image while expressing power, as well. <LS, GLX>

#### Rear view

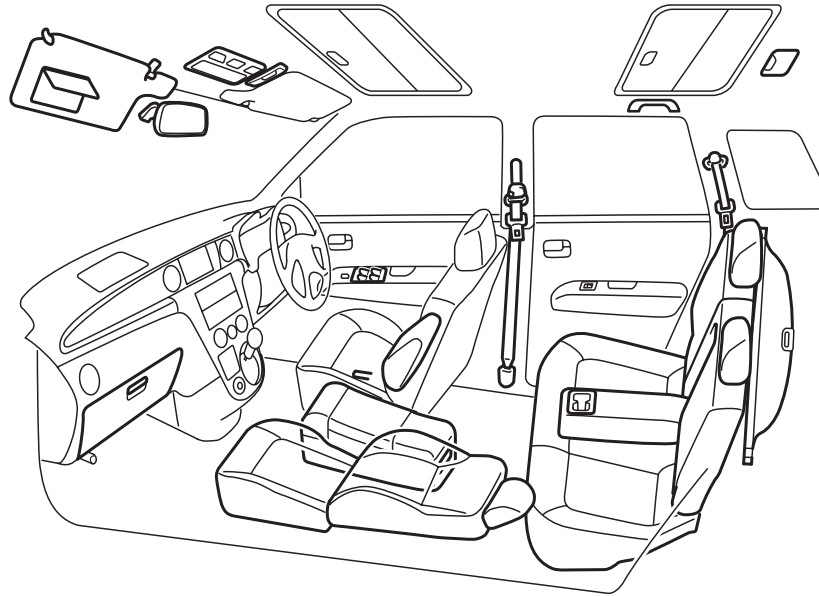
Expresses power with a large bumper

## INTERIOR

M2000018000516

## DESIGN FEATURES

&lt;R.H. drive vehicles&gt;



AC300277

**Overall**

- Interior space that satisfies an impression of both sportiness and spaciousness.
- Design with matching shape and function as represented with the round vents.
- Soft surface process to create a functional but warm shape.

**Instrument panel**

- Simple panel and round meters have been designed at the base and arranged in a futuristic and dimensional manner to feature a sporty and spacious impression and novel design.
- Aluminium is used for the indicator panel to emphasize the difference in material.

**Floor console**

The floor console design gives a one-piece appearance to the left and right front seats and the floor console itself.

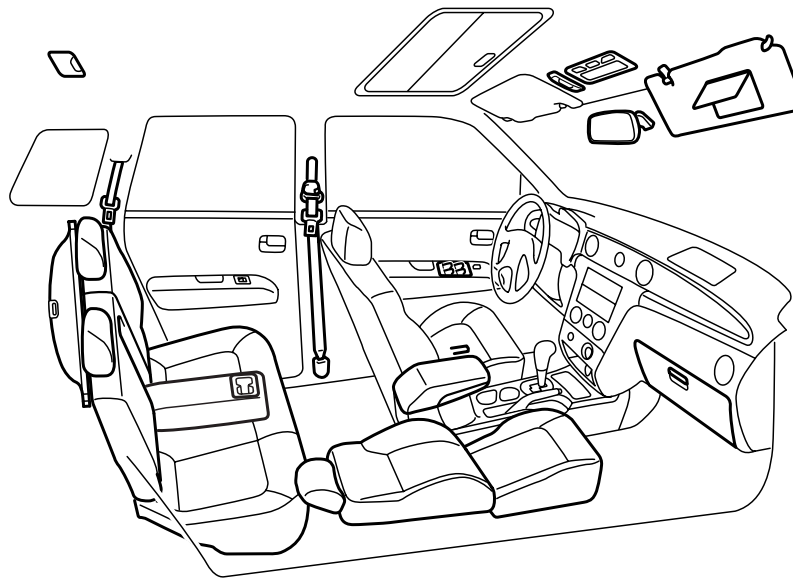
**Seat**

The front seat features a simple design and emphasizes an impression of modulated fabric quality and the back seat imparts the comfort of a rich sofa.

**Door trim**

The arm rest was purposely detached from the door trim to create an independent shape that imparts a functional impression.

<L.H. drive vehicles>



AC300231

**Overall**

- Interior space that satisfies an impression of both sportiness and spaciousness.
- Design with matching shape and function as represented with the round vents.
- Soft surface process to create a functional but warm shape.

**Instrument panel**

- Simple panel and round meters have been designed at the base and arranged in a futuristic and dimensional manner to feature a sporty and spacious impression and novel design.
- A clear T-shape motif creates a horizontally extending impression as well as imparts driving fun and sporty image.

**Floor console**

- From the front end of the floor console to the arm rest is a contiguous flow with movement in shape to create a sporty image.
- Large cup holder, wide arm rest and ashtray have been efficiently placed.
- The indicator panel is made of pressed aluminium to emphasize the base materials as well as impart an impression of high quality.

**Seat**

The front seat features a simple design and emphasizes an impression of modulated fabric quality and the back seat imparts the comfort of a rich sofa.

**Door trim**

The arm rest was purposely detached from the door trim to create an independent shape that imparts a functional impression.

**ENGINE**

M2000020000405

- The 4G64-SOHC engine have been adopted.
- The 4G69-SOHC MIVEC engine have been adopted.

**TRANSMISSION**

M2000021000408

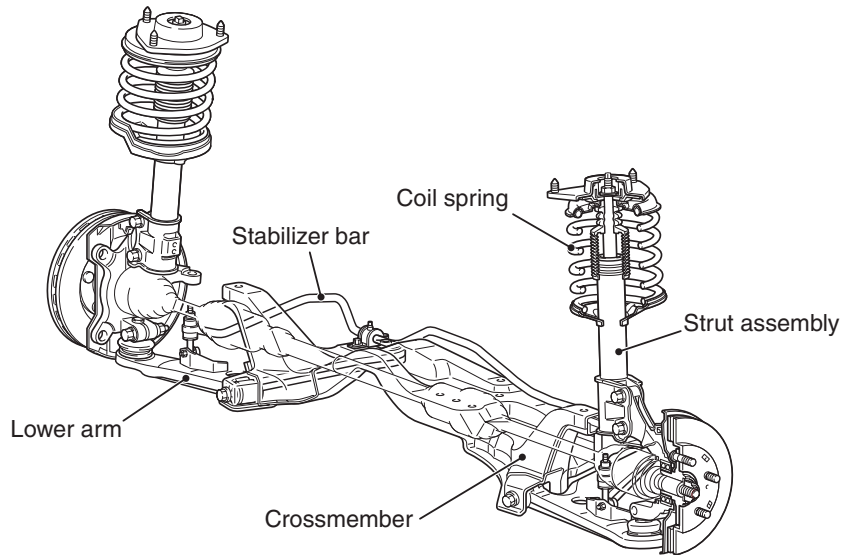
**AUTOMATIC TRANSMISSION**

- The F4A4B and W4A4B automatic transmission is adopted for the models equipped with 4G69 engine.
- The W4A42 automatic transmission is adopted for the models equipped with 4G64 engine.
- The 4WD system uses the centre differential with limited slip device.
- The front differential is housed in the transfer (4WD). The centre differential is housed in the transmission in the place of the front differential for 2WD.
- A viscous coupling unit (VCU) is used for the centre differential limited slip device, and is located in the rear of the front differential.
- Incorporates the INVECS-II sports mode 4-speed automatic transmission is adopted.

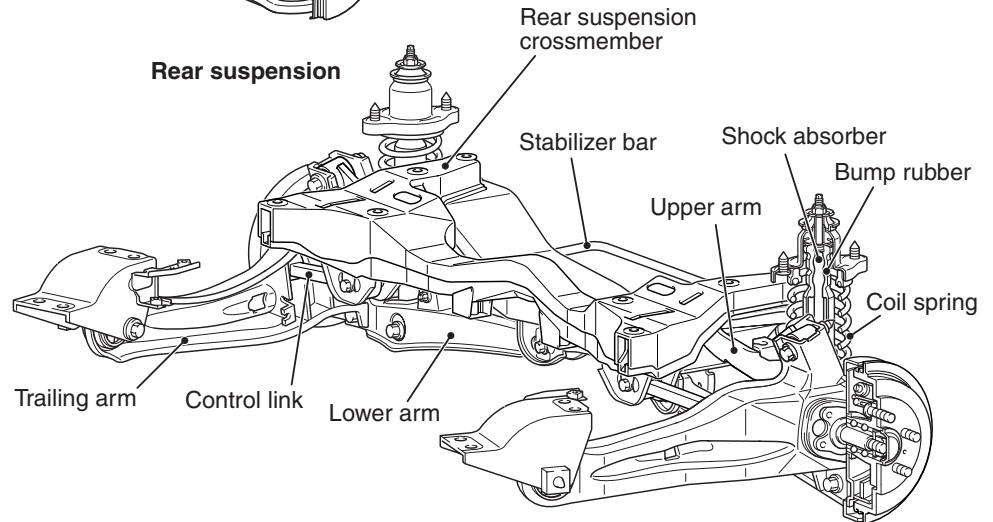
## SUSPENSION

M2000023000341

## Front suspension



## Rear suspension



AC504328AB

A McPherson strut independent suspension is used for the front suspension.

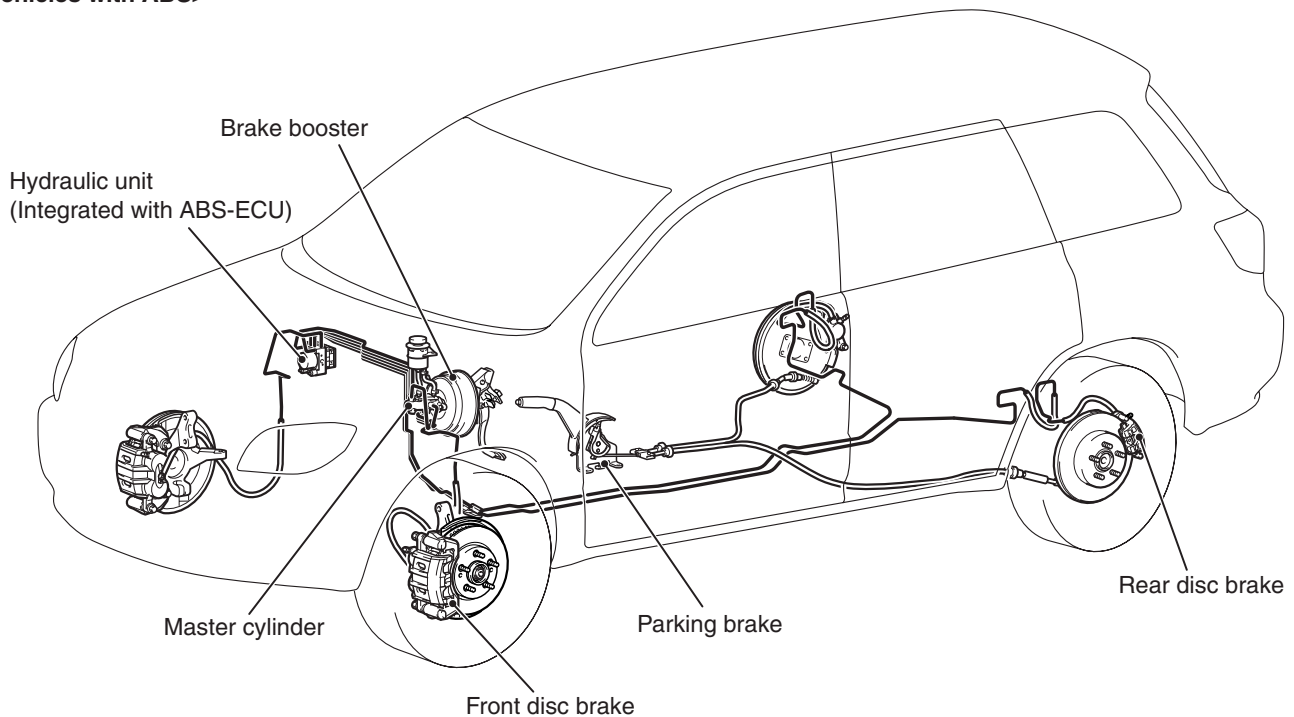
A trailing arm type multi-link suspension is used for the rear suspension.

## ACTIVE SAFETY

### BRAKING SYSTEM

M2000031000357

<Vehicles with ABS>



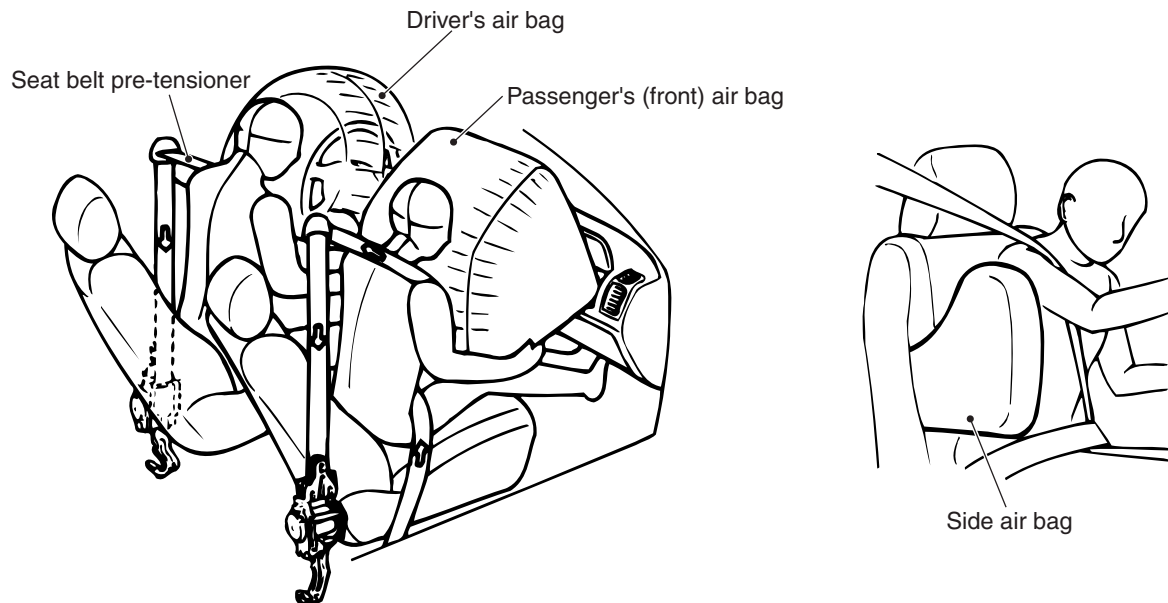
AC300584AB

- A 8+9 inch tandem brake booster has been adopted to provide sufficient braking force in sudden braking range.
- Front ventilate disc brakes have been adopted to provide stable braking force and improved braking feel. <Except for South Africa and Argentina>
- 2-piston front ventilate disc brakes have been adopted to provide stable braking force, improved braking feel, and fade-resistant characteristics. <Vehicles for South Africa and Argentina>
- 9-inch leading trailing-type rear drum brakes have been adopted to provide sufficient braking force in sudden braking range. <Except for South Africa, Argentina, Australia and New Zealand>
- 14-inch solid disk brakes have been adopted to provide stable braking force and fade-resistant characteristics. <Vehicles for South Africa, Argentina, Australia and New Zealand>
- A 4-sensor, 3-channel ABS (Anti-lock Braking System) with EBD (Electronic Brake-force Distribution) is available. <Standard: Except GLX, Option: GLX>

## PASSIVE SAFETY

M2000032000350

## SRS AIR BAGS



AC300149AB

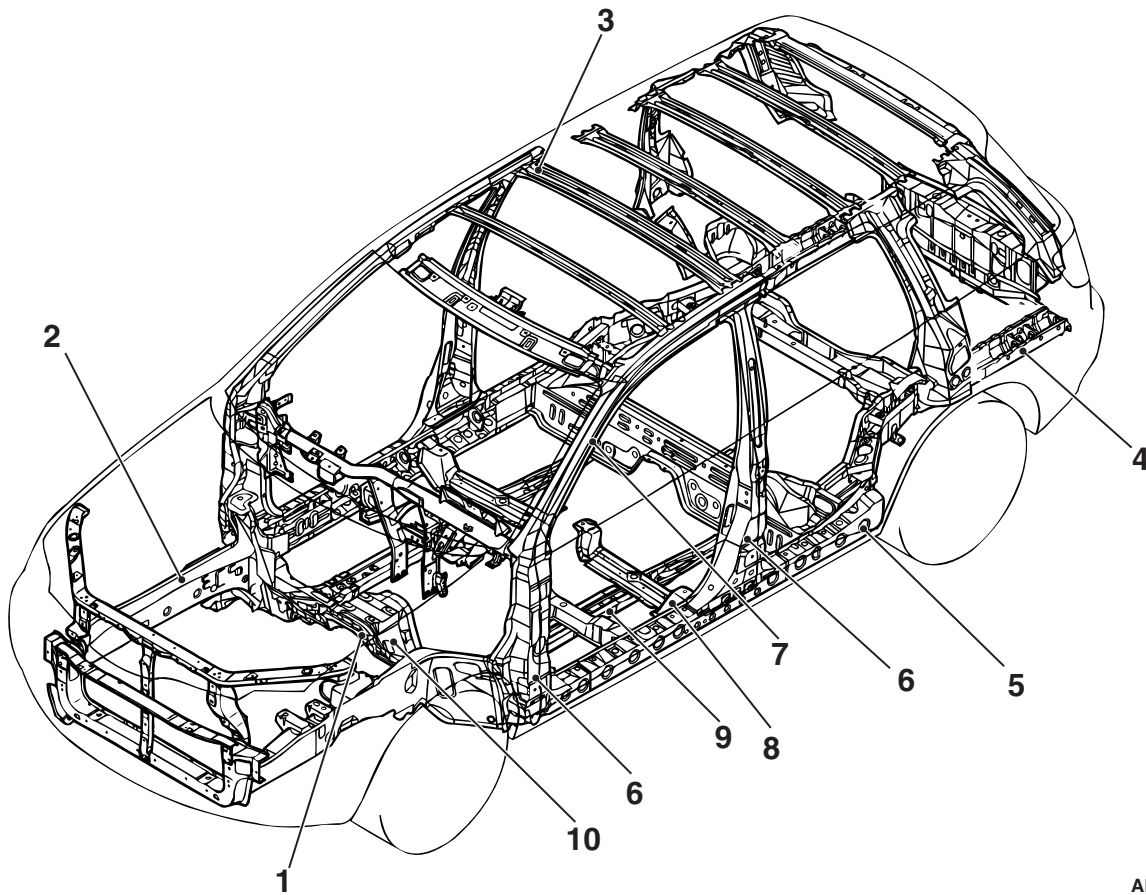
Dual Supplemental Restraint System (SRS) front air bags deploy only upon detection of frontal impact. When used in combination with the 3-point ELR seat belts, they significantly reduce head and upper torso injury to front-seat occupants.

The seat belts with pre-tensioner work simultaneously with the SRS.

The pre-tensioner takes up seat slack immediately when a collision takes place by restraining the front passengers sooner than the SRS. This prevents the passengers from moving forwards.

In addition, vehicles for Australia and New Zealand can have driver's and passenger's side air bags as optional equipment, thus improving collision safety further.



**BODY CONSTRUCTION**

AB201992AB

The body structure featuring a high-energy absorbing structure (front and rear) and high rigidity cabin structure combination reduces the chance of passenger injury, maintains cabin space and improves passenger rescue upon frontal, rear and side impact.

1. Larger cross section and straighter front side member.
2. Thicker dash panel lower plate.
3. Larger roof bow cross section.
4. Addition of reinforcement in rear side member.
5. Larger side sill outer reinforcement cross section.
6. Thicker centre pillar reinforcement plate.
7. Larger front pillar reinforcement.
8. Larger front floor side member cross section.
9. Larger front floor crossmember cross section.
10. Thicker front pillar reinforcement plate.

11. Addition of dash panel crossmember.

**SAFETY-ENHANCED FRONT SEATS**

The front seats are designed to minimize the risk of whiplash in a collision from the rear.

The head restraints have been ideally angled forward, while the seat frame was moved toward the rear.

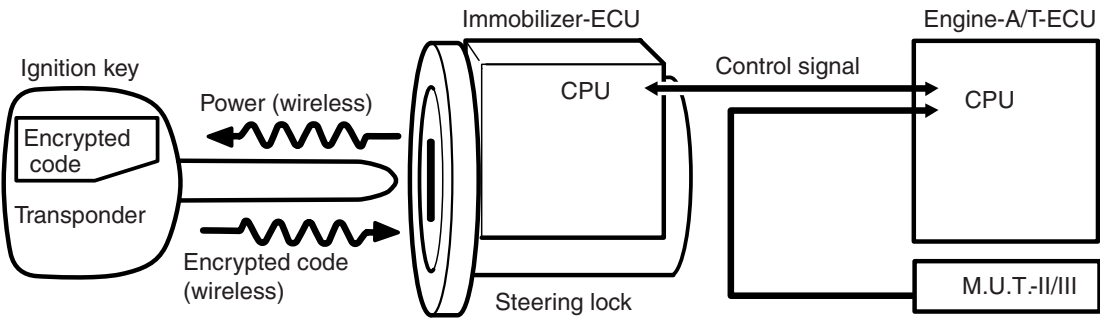
**OTHER SAFETY FEATURES**

- 3-point ELR seat belts
- Front fog lamps
- Child-protection rear door locks
- Brake pedal retraction suppression mechanism
- Power window and sunroof with safety mechanism

EQUIPMENTS

M2000026000317

IMMOBILIZER SYSTEM <VEHICLES FOR GCC, SOUTH AFRICA, ARGENTINA, AUSTRALIA AND NEW ZEALAND>



AC309519AC

This system lets the engine be started only when an encrypted code that is recorded in the ignition key is the same as an encrypted code that is recorded in the immobilizer-ECU.

ENVIRONMENTAL PROTECTION

M2000027000149

Mitsubishi has given careful consideration to protection of natural resources and the environment in the vehicle. Environmentally friendly features are shown below.

Items Dealing with Environmental Protection

Prevention of atmospheric pollution	Parts name	Main detail
Air pollution control	Cylinder head gasket	Employment of metal materials reduces the volume of incomplete combustion generated between the cylinder block and cylinder head, and suppresses the level of unburned hydrocarbon (HC).
	Body paint	Solvent level reduced in top paint of the body coat.
Reduction of hazardous waste	Fuel tank, radiator, heater core, battery cable terminal, power steering high pressure hose, air intake hose, glass ceramic print, harness and intake valve seat	Uses lead-free materials.
	Engine, general gasket	Uses asbestos-free materials.
	Waterproofing film	Uses polyvinyl chloride (PVC) free materials.

<b>Prevention of atmospheric pollution</b>	<b>Parts name</b>	<b>Main detail</b>
Recycling	Hood weather strip, engine control vacuum hose, instrument pane, door trim, carpet, bumper, radiator grille and tailgate weather strip	Easy recyclable.
	Air cleaner case, resonator and oil level gauge	Uses material recycled in-plant.
Prevention of ozone layer depletion	Air-conditioner refrigerant	Less damage to ozone layer

## **SERVICEABILITY AND RELIABILITY**

M2000028000324

### **MAINTENANCE-FREE FEATURES**

Serpentine auxiliary belts and an auto-tensioner are adopted to eliminate the need for the adjustment of auxiliary belt tension.

### **ENHANCED DIAGNOSIS SYSTEM**

Diagnosis functions have been included for the following systems, so that it is possible to use the M.U.T.-II/III to read the diagnosis codes and service data and to carry out actuator tests. In addition, it is also possible to read the diagnosis codes by the flashing of the warning lamp in some systems.

- MPI
- A/T
- 4ABS
- SRS air bag
- Smart Wiring System (SWS)
- Fully-automatic air conditioner

### **IMPROVED SERVICEABILITY AND HANDLING**

- A part of the under cover is of a sliding structure to provide easy access for oil filter replacement.
- The speaker garnishes can be removed individually, which no longer requires the removal/installation of the door trims.

## VEHICLE IDENTIFICATION

M2000001001636

## MODELS

## FOR GENERAL EXPORT (Except for Brazil, South Africa and Argentina)

Model code		Engine model	Transmission model	Fuel supply system
CU4W	XRHEZL/R	4G64-SOHC (2,351 mL)	W4A42 <4WD, INVECS-II 4A/T>	MPI
CU5W	XRMYZL	4G69-SOHC-MIVEC (2,378 mL)	W4A4B <4WD, INVECS-II 4A/T>	
	XRHYZL		F4A42 <2WD, INVECS-II 4A/T>	
	XRHJL		W4A4B <4WD, INVECS-II 4A/T>	
	XRHJZL			

## (For Brazil)

Model code		Engine model	Transmission model	Fuel supply system
CU5W	XRHYZL1F	4G69-SOHC-MIVEC (2,378 mL)	W4A4B <4WD, INVECS-II 4A/T>	MPI

## (For South Africa)

Model code		Engine model	Transmission model	Fuel supply system
CU5W	XRHYZR6S	4G69-SOHC-MIVEC (2,378 mL)	W4A4B <4WD, INVECS-II 4A/T>	MPI

## (For Argentina)

Model code		Engine model	Transmission model	Fuel supply system
CU5W	XRHYZL6A	4G69-SOHC-MIVEC (2,378 mL)	W4A4B <4WD, INVECS-II 4A/T>	MPI

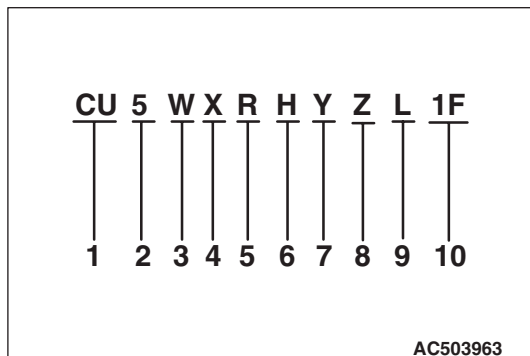
## FOR GCC

Model code		Engine model	Transmission model	Fuel supply system
CU5W	XRMYZLW	4G69-SOHC-MIVEC (2,378 mL)	W4A4B <4WD, INVECS-II 4A/T>	MPI
	XRHYZLW			

## FOR AUSTRALIA AND NEW ZEALAND

Model code		Engine model	Transmission model	Fuel supply system
CU5W	XRMYZR8	4G69-SOHC-MIVEC (2,378 mL)	W4A4B <4WD, INVECS-II 4A/T>	MPI
	XRHYZR8			
	XRXYZR8			

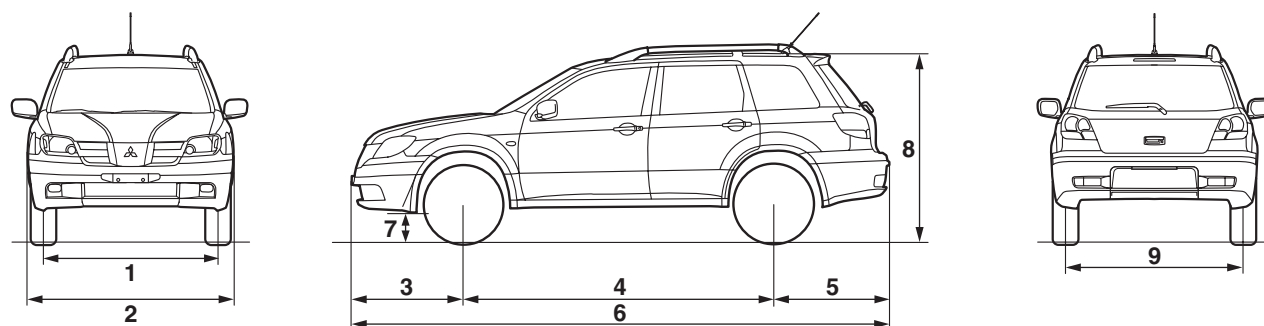
## MODEL CODE



No.	Items	Contents
1	Development	CU: MITSUBISHI OUTLANDER
2	Engine type	4: 2,351 mL petrol engine 5: 2,378 mL petrol engine
3	Sort	W: Wagon
4	Body style	X: 4-door with tailgate
5	Transmission type	R: 4-speed automatic transmission
6	Trim level	H: GLS <For General export, GCC>, XLS <For Australia, New Zealand> M: GLX <For General export, GCC>, LS <For Australia and New Zealand> X: VR-X <For Australia and New Zealand>
7	Specification engine feature	E: MPI-SOHC Y, J: MPI-SOHC MIVEC
8	Special feature	None: 2WD Z: 4WD
9	Steering wheel location	L: Left hand R: Right hand
10	Destination	None: For General Export (Except for Brazil, South Africa and Argentina) 1F: For Brazil 6S: For South Africa 6A: For Argentina W: For GCC 8: For Australia and New Zealand

## GENERAL DATA AND SPECIFICATIONS

M2000030000536



AC300072AB

## VEHICLES FOR GENERAL EXPORT (Except for Brazil, South Africa and Argentina)

Items			CU4W	CU5W			
			XRHEZL/ R	XRMYZL	XRHYZL	XRHJL	XRHJZL
Vehicle dimensions mm	Front track	1	1,495				
	Overall width	2	1,780	1,750	1,780		
	Front overhang	3	945				
	Wheel base	4	2,625				
	Rear overhang	5	975				
	Overall length	6	4,545				
	Ground clearance (unladen)	7	205				
	Overall height (unladen)	8	1,630/1,680* <sup>1</sup>				
	Rear track	9	1,505				
Vehicle weight kg	Kerb weight		1,530	1,530	1,535	1,450	1,550
	Max. gross vehicle weight		2,000				
	Max. axle weight rating-front		1,050				
	Max. axle weight rating-rear		1,065				
Seating capacity			5				
Engine	Model No.		4G64	4G69			
	Total displacement mL		2,351	2,378			
Transmission	Model No.		W4A42	W4A4B		F4A42	W4A4B
	Type		4-speed automatic				
Fuel system	Fuel supply system		MPI	MPI MIVEC			

NOTE: \*<sup>1</sup>: Vehicles with roof rails

**VEHICLES FOR GENERAL EXPORT (For Brazil, South Africa and Argentina)**

Items			CU5W		
			XRHYZL1F	XRHYZR6S	XRHYZL6A
Vehicle dimensions mm	Front track	1	1,495		
	Overall width	2	1,750/1,780* <sup>1</sup>	1,780	
	Front overhang	3	945		
	Wheel base	4	2,625		
	Rear overhang	5	975		
	Overall length	6	4,545		
	Ground clearance (unladen)	7	205	195	
	Overall height (unladen)	8	1,630/1,680* <sup>2</sup>	1,620/1,670* <sup>2</sup>	1,670
	Rear track	9	1,505		
Vehicle weight kg	Curb weight		1,550	1,565	
	Max. gross vehicle weight		2,000	2,070	
	Max. axle weight rating-front		1,050		
	Max. axle weight rating-rear		1,065		
Seating capacity			5		
Engine	Model No.		4G69		
	Total displacement mL		2,378		
Transmission	Model No.		W4A4B		
	Type		4-speed automatic		
Fuel system	Fuel supply system		MPI MIVEC		

**NOTE:**

\*<sup>1</sup>: Vehicles with over fender

\*<sup>2</sup>: Vehicles with roof rails

## Vehicles for GCC

Items			CU5W	
			XRMYZLW	XRHYZLW
Vehicle dimensions mm	Front track	1	1,495	
	Overall width	2	1,750	1,780
	Front overhang	3	945	
	Wheel base	4	2,625	
	Rear overhang	5	975	
	Overall length	6	4,545	
	Ground clearance (unladen)	7	205	
	Overall height (unladen)	8	1,680	
	Rear track	9	1,505	
Vehicle weight kg	Kerb weight		1,535	1,545
	Max. gross vehicle weight		2,000	
	Max. axle weight rating-front		1,050	
	Max. axle weight rating-rear		1,065	
Seating capacity			5	
Engine	Model No.		4G69	
	Total displacement mL		2,378	
Transmission	Model No.		W4A4B	
	Type		4-speed automatic	
Fuel system	Fuel supply system		MPI MIVEC	



## VEHICLES FOR AUSTRALIA AND NEW ZEALAND

Items			CU5W		
			XRMYZR8	XRHYZR8	XRXYZR8
Vehicle dimensions mm	Front track	1	1,495		1,510
	Overall width	2	1,750	1,780	
	Front overhang	3	950		
	Wheel base	4	2,625		
	Rear overhang	5	975		
	Overall length	6	4,550		
	Ground clearance	7	205		
	Overall height	8	1,630/1,680* <sup>1</sup>		
	Rear track	9	1,505		1,520
Vehicle weight kg	Kerb weight		1,560	1,580	1,575
	Max. gross vehicle weight		2,000		
	Max. axle weight rating-front		1,050		
	Max. axle weight rating-rear		1,065		
Seating capacity			5		
Engine	Model No.		4G69		
	Total displacement mL		2,378		
Transmission	Model No.		W4A4B		
	Type		4-speed automatic		
Fuel system	Fuel supply system		MPI MIVEC		

NOTE: \*<sup>1</sup>: Vehicles with roof rails

---

## NOTES