

---

# INTERIOR

## CONTENTS

<b>GENERAL INFORMATION</b> .....	<b>2</b>	<b>INTERIOR TRIMS</b> .....	<b>8</b>
Features .....	2	Construction Diagram .....	8
<b>INSTRUMENT PANEL AND FLOOR CONSOLE</b> .....	<b>3</b>	<b>SUPPLEMENTAL RESTRAINT SYSTEM (SRS)</b> .....	<b>9</b>
Construction Diagram .....	3	Construction Diagram .....	9
<b>ACCESSORIES</b> .....	<b>4</b>	SRS System Circuit Diagram .....	10
<b>SEAT</b> .....	<b>5</b>	Caution Labels .....	11
Front Seat .....	5	Construction and Operation .....	13
Rear Seat .....	5	SRS-ECU .....	15
<b>SEAT BELT</b> .....	<b>6</b>		
Front Seat Belt .....	6		
Rear Seat Belt .....	6		
Seat Belt Retractor with Force Limiter .....	7		

---

## GENERAL INFORMATION

The interiors to value functionality, habitation, and safety brings a new sense of good quality and security. Furthermore, it is also intended for getting actively involved with global environmental protection and natural resource recycling.

### FEATURES

Improvements in quality	Fully trim-covered interior
Consideration for the most suitable riding posture	<ol style="list-style-type: none"> <li>1. The adjustable seat belt anchor has been installed to the front seat belt.</li> <li>2. RECARO seat have been equipped. &lt;RS-II&gt;</li> </ol>
Improvements in safety	<ol style="list-style-type: none"> <li>1. SRS air bags (driver's/front passenger's) are equipped as standard.</li> <li>2. Installation of ELR 3-point seat belt (front seat)</li> <li>3. ELR 3-point seat belt/seat belt with child seat fixing mechanism (ALR) switching function have been equipped (rear seat).</li> <li>4. Seat belts with pretensioner force limiter mechanism have been equipped to the front seats.</li> <li>5. Head impact reduction pillar trim</li> <li>6. Folding assistant grip</li> <li>7. Inflammable materials are used for instrumental panel, floor console, and trims.</li> </ol>
Improvements in usability	Vanity mirror <RS-II>
Convenient storage	<ol style="list-style-type: none"> <li>1. Glove box</li> <li>2. Center panel box &lt;RS-II&gt;</li> <li>3. Cup holder</li> </ol>
Dealing with resource recycling	Display of material codes to resin parts

## INSTRUMENT PANEL AND FLOOR CONSOLE

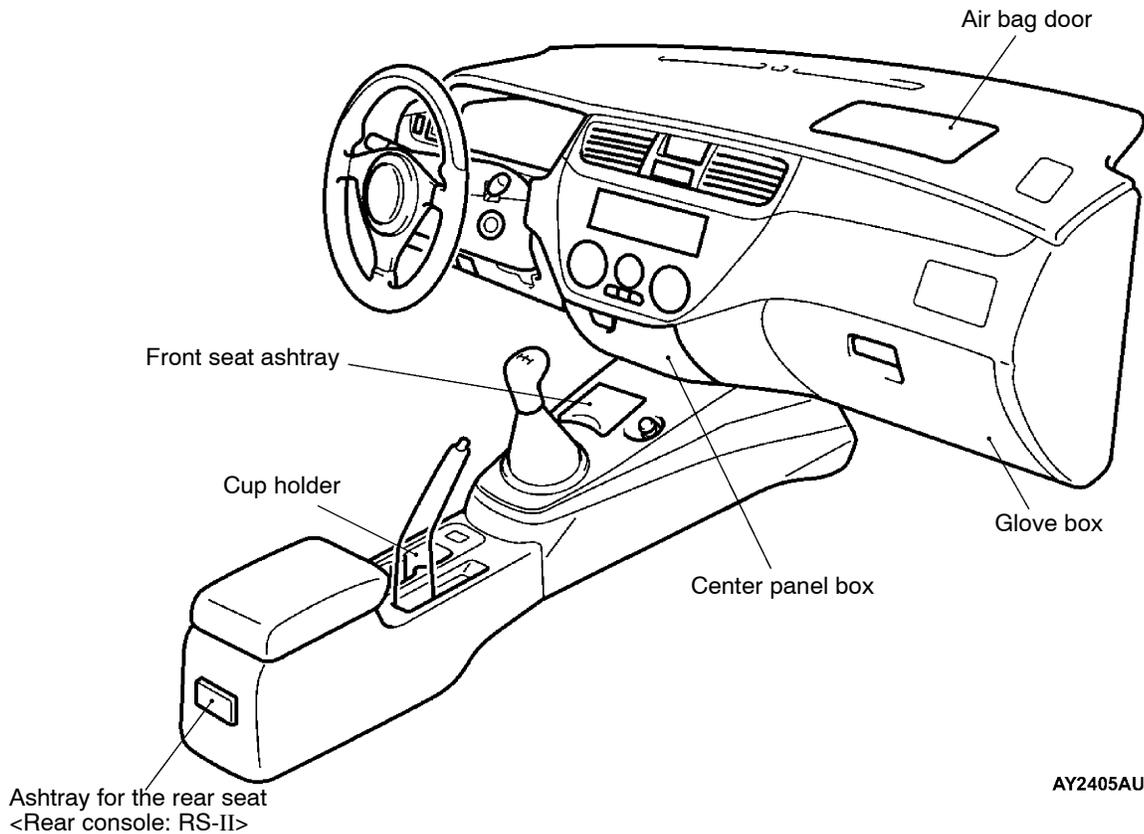
The instrument panel and the floor console have the following features:

- The center panel with a new sense of design incorporate the instrument panel has been adopted.
- The considerably tilted center panel has enhanced a sense of emancipation and operability.
- A center panel box convenient for storing accessories has been installed.  
<RS-II>
- The push-to-open type lid to the center panel box has been installed. <RS-II>
- Hair transplant has been done inside the center panel box to prevent the stored goods from being damaged. <RS-II>

- A pad incorporating the front passenger’s air bag door has improved appearance.
  - A glove compartment convenient for accessories has been installed.
  - A cup holder has been installed to the floor console.
  - Ashtrays have been installed to the front and the rear console. <Rear console: RS-II>
- Inflammable materials are used for the instrument panel and the floor console to increase safety as interiors.

Also, material codes are indicated to deal with recycling easily.

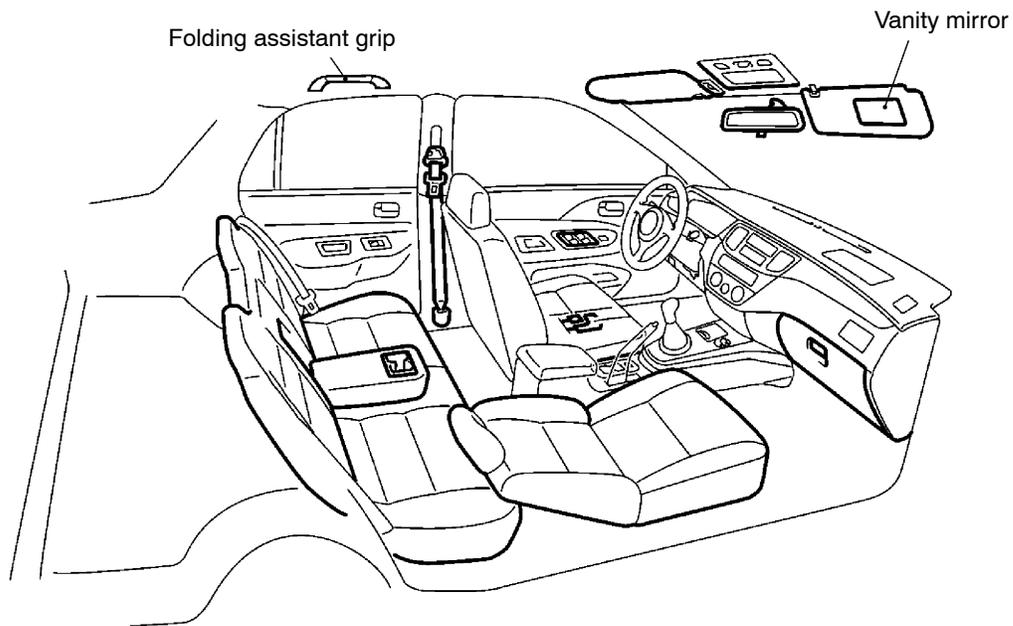
### CONSTRUCTION DIAGRAM



AY2405AU

**ACCESSORIES**

- A vanity mirror has been installed to improve usability. <RS-II>
- A folding assistant grip has been installed to improve safety.

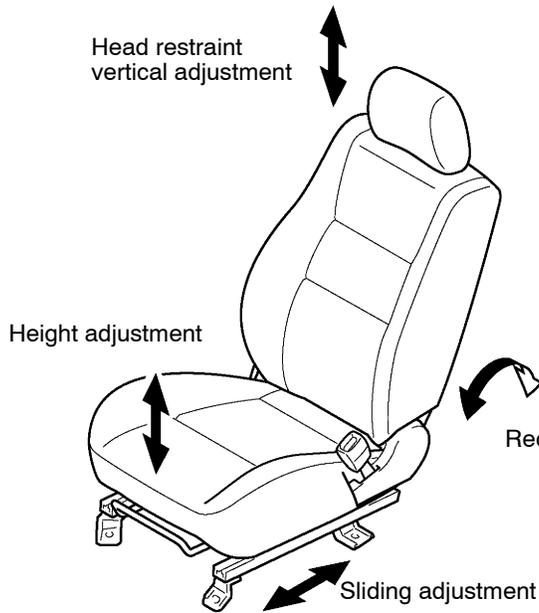


AY2406AU

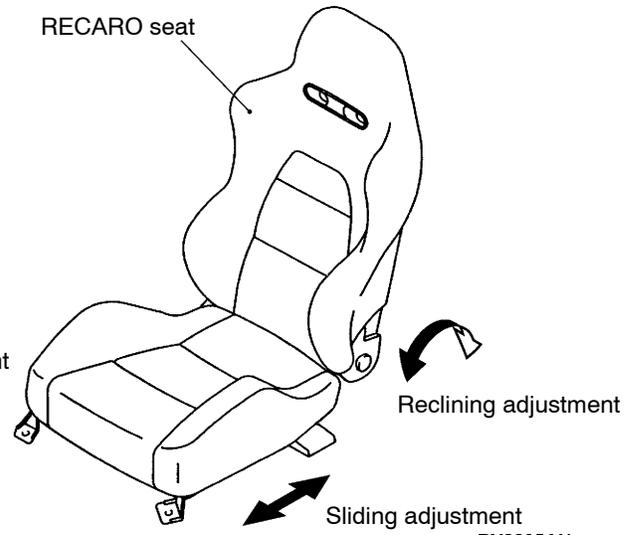
# SEAT

## FRONT SEAT

- The most suitable driving position can be set by the sliding and reclining mechanism. <RS>
- Height adjustment function to secure the most suitable driving posture has been adopted at the driver's seat. <RS>
- RECARO seat adopting non-step adjustment slide and reclining mechanism have been equipped. <RS-II>



Y0323AU

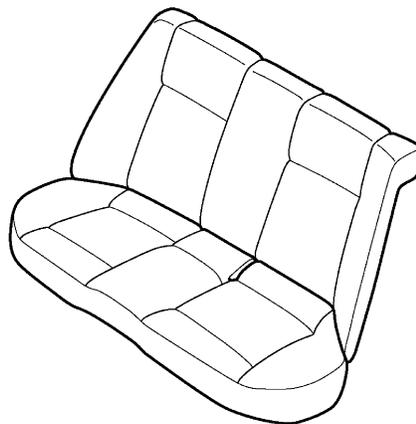


BY2205AU

## REAR SEAT

- The rear seats have been set with the low back bench seat.

<Low back bench seat>



Y0358AU

## SEAT BELT

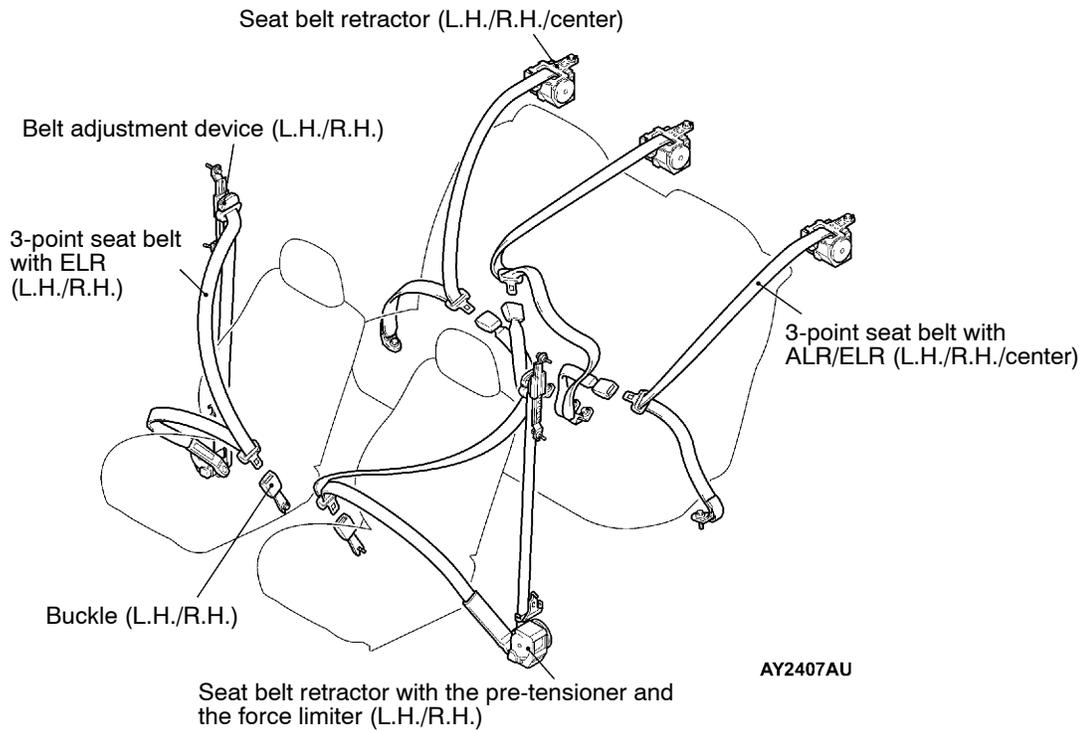
### FRONT SEAT BELT

- The adoption of 3-point seat belt with ELR which has belt adjustment device for height and the buckle fixed at the seat have secured the most suitable fitting for the wearer.
- The seat belt retractor with the pre-tensioner and the force limiter for the driver's seat and the front passenger's seat has been adopted to improve safety.

### REAR SEAT BELT

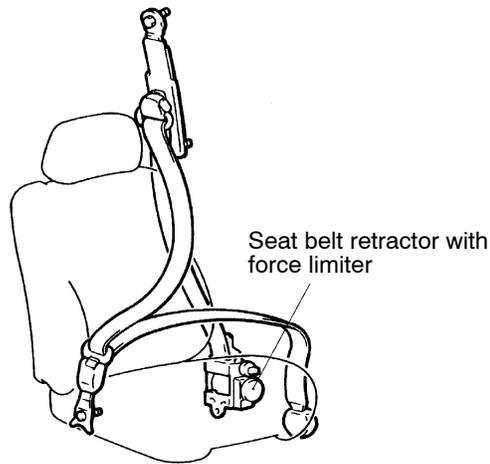
- 3-point seat belts with ALR/ELR (L.H./R.H./center) have been installed.

### CONSTRUCTION DIAGRAM

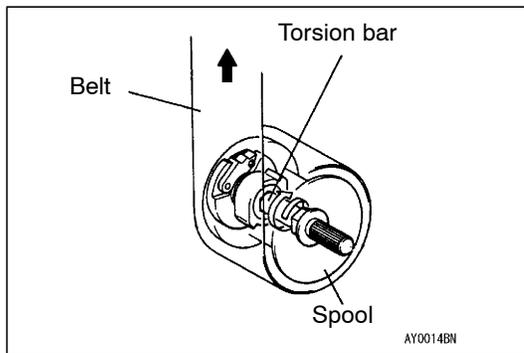


**SEAT BELT RETRACTOR WITH FORCE LIMITER**

The driver's/front passenger's seat belt retractor has been equipped with a force limiter. The force limiter is a device which operates when a predetermined force is applied, and limits the force.



AW0403AU



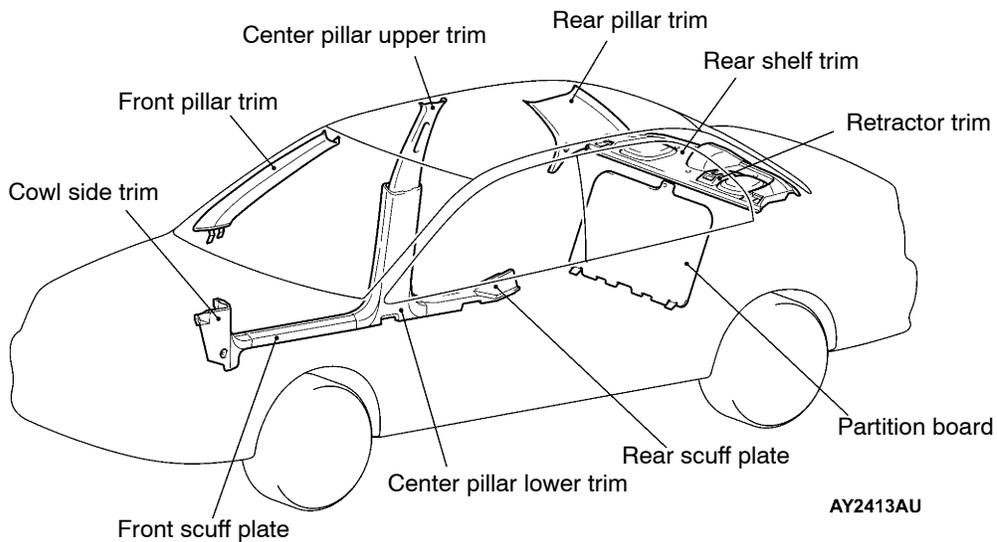
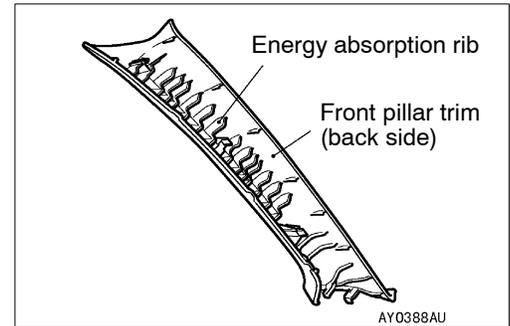
**OPERATION**

- (1) If a collision energy is transmitted to the seat belt, the ELR mechanism will operate to lock the seat belt.
- (2) Then, if the energy increases to a predetermined value, the torsion bar will be distorted. As the spool rotates together with the torsion bar, the seat belt webbing is pulled out, reducing impact on the occupants.

## INTERIOR TRIMS

- The interiors are fully covered by trims to enhance product value.
- The adoption of the energy absorption rib mold located in the rear of the front pillar trim and the rear pillar trim to protect head from the side impact and the resin materials for the trims as unbreakable materials has increased safety as outstanding interiors.
- Use of inflammable materials for the trims has increased safety as outstanding interiors. Also, material codes are indicated to deal with recycling easily.

## CONSTRUCTION DIAGRAM

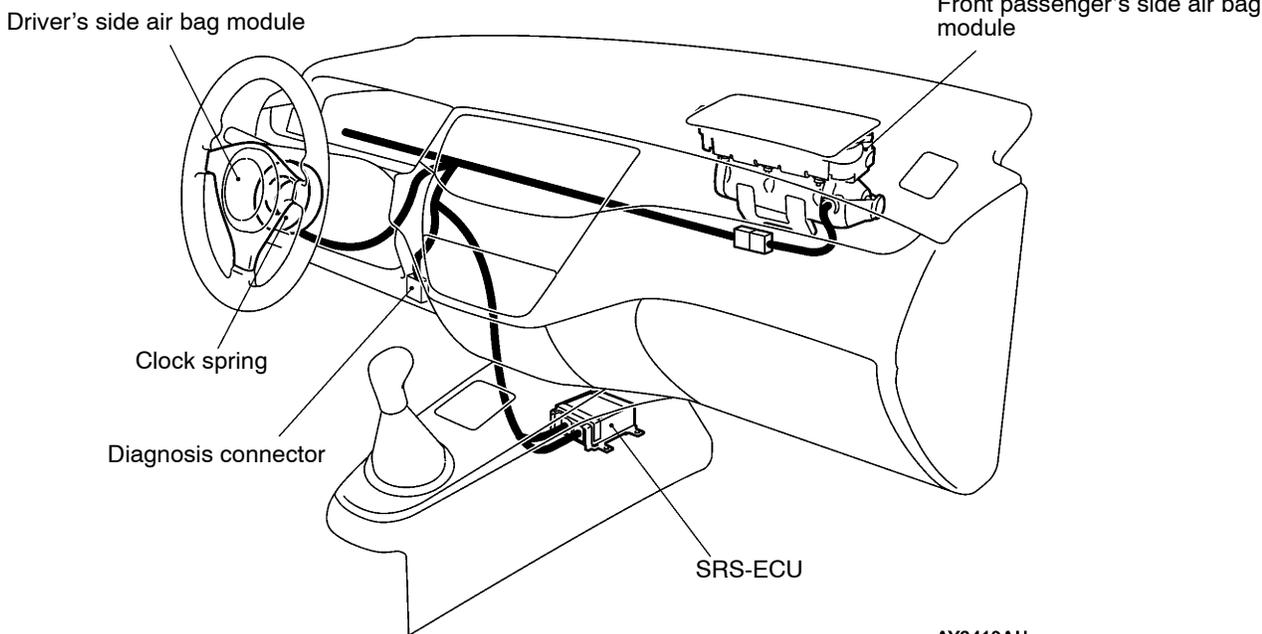
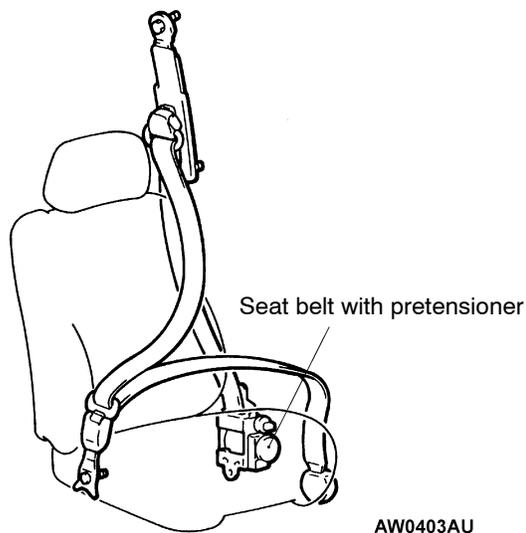
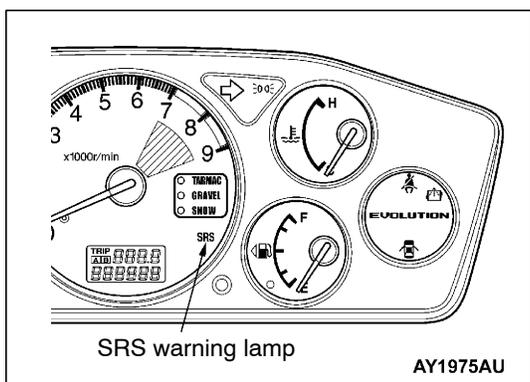


## SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

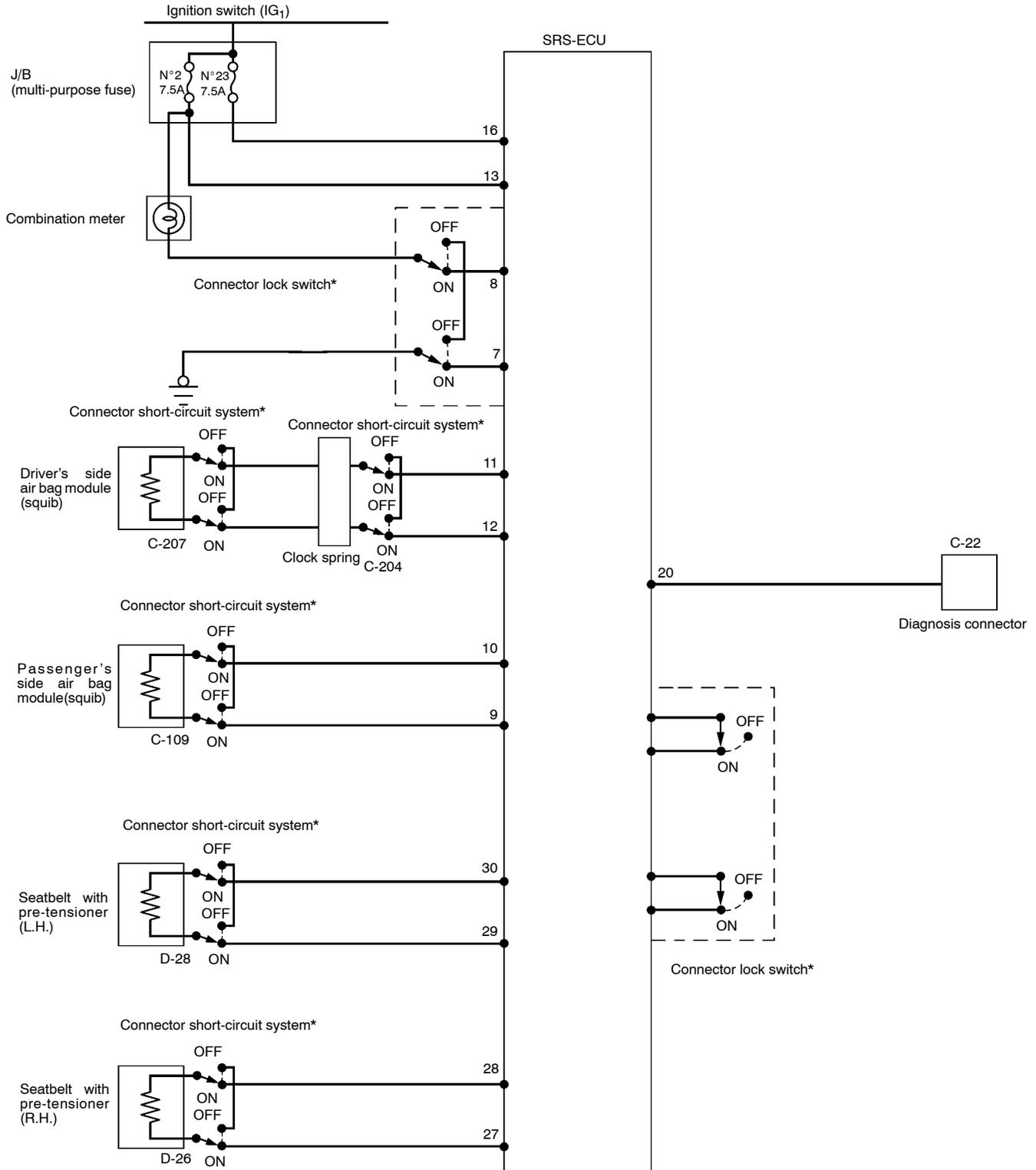
- SRS air bag is a system to be effective once the seat belt is worn. The system is designed to be a supplemental system of the seat belt. The system protects head and chest of a front seat passenger from the frontal collision by inflating the air bag to soften the impact when the impact applied from the front of the vehicle is greater than the set value.
- To enhance impact safety, all models are equipped with driver's/front passenger's SRS air bag as standard.
- An inflator that does not contain sodium azide has been adopted for all types of the air bag modules.
- Seat belt with pre-tensioner featured for the driver's and front passenger's seats is designed for instantly taking up the slack in the seat belt at the time of impact to improve restraint effect on a passenger. It is activated approximately at the same time as SRS airbag is activated to improve protection effect on a passenger.

**Caution**  
**Never disassemble the SRS air bag components. And never subject the SRS air bag components to impact.**

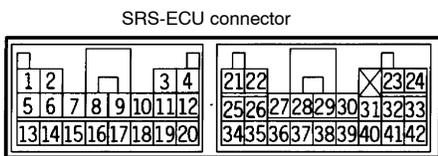
### CONSTRUCTION DIAGRAM



SRS SYSTEM CIRCUIT DIAGRAM



NOTE:  
When the connector is installed: ON  
When the connector is removed: OFF



W0582AU

Y1717AU

**CAUTION LABELS**

Labels to indicate cautions regarding the handling and the services of SRS air bag are attached on the position shown in the following illustration.

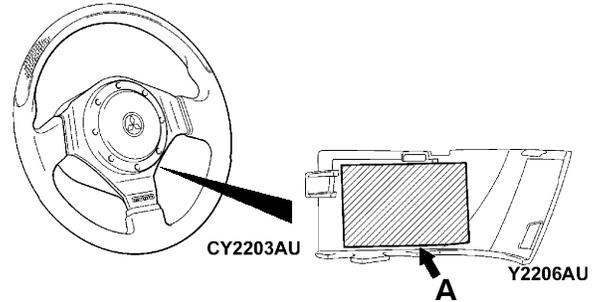
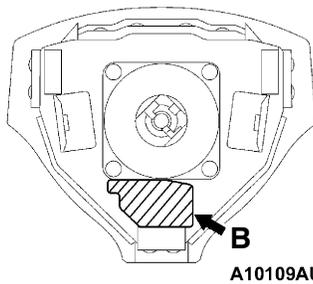
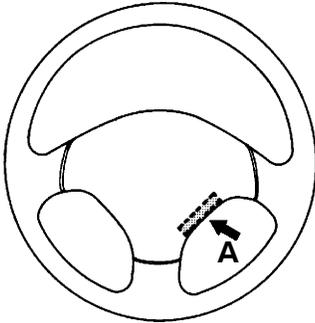
<TYPE 1>

<TYPE 2>

Steering wheel

Driver's side bag module

Cover



19M0026

A10109AU

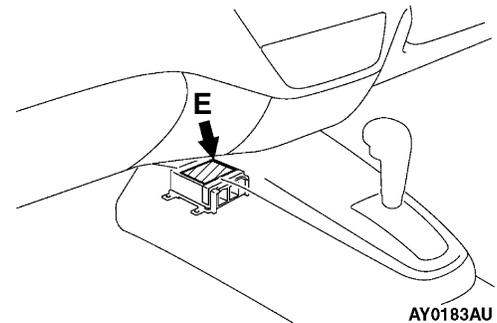
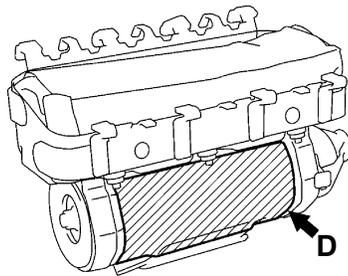
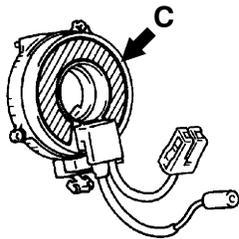
CY2203AU

Y2206AU

Clock spring

Front passenger's side air bag module

SRS-ECU



AW0963AL

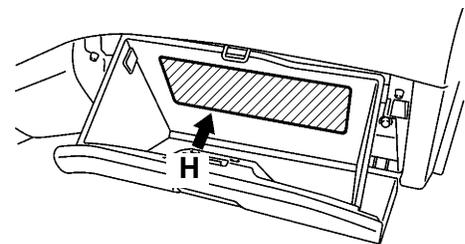
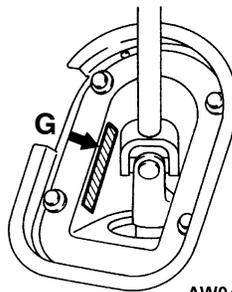
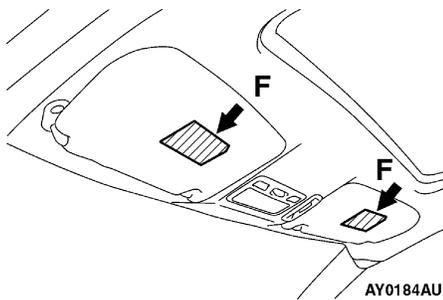
AY0182AU

AY0183AU

Sun visor

Steering joint cover

Glove box

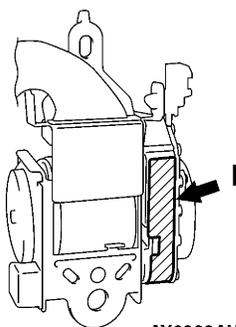


AY0184AU

AW0402AU

AY1270AU

Seat belt with pretensioner



AY0269AU

**NOTE**

- (1) Type 1 : Steering wheel/air bag module separation type
- (2) Type 2 : Steering wheel/air bag module integrated type

A. CAUTION: SRS  
BEFORE REPLACING STEERING WHEEL, READ SERVICE MANUAL, THIS AIR BAG MODULE CANNOT BE REPAIRED. DO NOT DISASSEMBLE OR TAMPER.

B. DANGER  
CONTENTS ARE EXTREMELY FLAMMABLE. DO NOT PROBE WITH ELECTRICAL DEVICES OR OTHER WISE TEMPER WITH IN ANY WAY.

C. CAUTION: SRS CLOCK SPRING  
THIS IS NOT A REPAIRABLE PART. IF DEFECTIVE, REPLACE ENTIRE UNIT ACCORDING TO THE SERVICE MANUAL INSTRUCTIONS. TO RE-CENTER: ROTATE CLOCKWISE UNTIL TIGHT. THEN ROTATE IN OPPOSITE DIRECTION ROUGHLY 3 TURNS AND ALIGN ARROWS .

D. WARNING: FLAMMABLE/EXPLOSIVE SRS AIR BAG MODULE TO AVOID SERIOUS INJURY:

- DO NOT REPAIR, DISASSEMBLE OR TAMPER.
- AVOID CONTACT WITH FLAME OR ELECTRICITY.
- DO NOT DIAGNOSE/USE NO TEST EQPT OR PROBES.
- STORE BELOW 200°F (93°C).
- BEFORE DOING ANY WORK INVOLVING MODULE, READ SERVICE MANUAL FOR IMPORTANT FURTHER DATA.

E. CAUTION:  
DO NOT DISASSEMBLE OR DROP. IF DEFECT, REFER TO SERVICE MANUAL.

F. WARNING TO AVOID SERIOUS INJURY:

- THE AIR BAG DOES NOT SAFETY BELT.
- FOR MAXIMUM SAFETY PROTECTION IN ALL TYPES OF CRASHES, YOU MUST ALWAYS WEAR YOUR SAFETY BELT.
- DO NOT INSTALL REARWARD-FACING CHILD SEATS IN ANY FRONT PASSENGER SEAT POSITION.
- DO NOT SIT OR LEAN UNNECESSARILY CLOSE TO THE AIR BAG.
- DO NOT PLACE ANY OBJECTS OVER THE AIR BAG OR BETWEEN THE AIR BAG AND YOURSELF.
- SEE THE OWNER'S MANUAL FOR FURTHER INFORMATION AND EXPLANATIONS.

G. WARNING: SRS  
FIX STRG. WHEEL AT TIRES STRAIGHT AHEAD BEFORE GEARBOX REMOVAL. OTHER WISE, MAY DAMAGE SRS CLOCK SPRING MAKING SRS SYSTEM INOPERATIVE, RISKING SERIOUS DRIVER INJURY.

H. AIR BAG SYSTEM INFORMATION  
THIS VEHICLE HAS AN AIR BAG SYSTEM WHICH WILL SUPPLEMENT THE SEAT BELT IN CERTAIN FRONTAL COLLISIONS. THE AIR BAG IS NOT A SUBSTITUTE FOR THE SEAT BELT IN ANY TYPE OF COLLISION. THE DRIVER AND ALL OTHER OCCUPANTS SHOULD WEAR SEAT BELTS AT ALL TIME.

**WARNING!**

IF THE "SRS" WARNING LIGHT DOES NOT ILLUMINATE FOR SEVERAL SECONDS WHEN THE IGNITION KEY IS TURNED TO "ON" OR THE ENGINE IS STARTED, OR IF THE WARNING LIGHT STAYS ON WHILE DRIVING, TAKE THE VEHICLE TO YOUR NEAREST AUTHORIZED DEALER IMMEDIATELY. ALSO, IF VEHICLE FOR SERVICE IMMEDIATELY.

THE AIR BAG SYSTEM MUST BE INSPECTED BY AN AUTHORIZED DEALER TEN YEARS AFTER THE VEHICLE MANUFACTURE DATE SHOWN ON THE CERTIFICATION LABEL LOCATED ON THE LEFT FRONT DOOR-LATCH POST OR DOOR FRAME.

READ THE "SRS" SECTION OF YOUR OWNER'S MANUAL BEFORE DRIVING FOR IMPORTANT INFORMATION ABOUT OPERATION AND SERVICE OF THE AIR BAG SYSTEM.

WHEN YOU ARE GOING TO DISCARD YOUR GAS GENERATOR OR VEHICLE, PLEASE SEE YOUR DEALER.

I. DANGER: SEAT BELT PRETENSIONER

- DO NOT IMPACT. DISMANTLE OR INSTALL IT INTO ANOTHER VEHICLE.
- SERVICE OR DISPOSE OF IT AS DIRECTED IN THE REPAIR MANUAL.

**CONSTRUCTION AND OPERATION**

**NOTE**

Refer to '99 PAJERO in Technical Information Manual (Pub. No. PYJE9805) or '00 PAJERO PININ Technical Information Manual (Pub. No. IKRE00E1)

**DRIVER'S SIDE AIR BAG MODULE**

Both the type 1 and type 2 3-spokes (MOMO) 1 are equipped. The driver's air bag module is an assembly part composed of an air bag, module cover, inflator, and their fixing parts. It is mounted to the steering wheel.

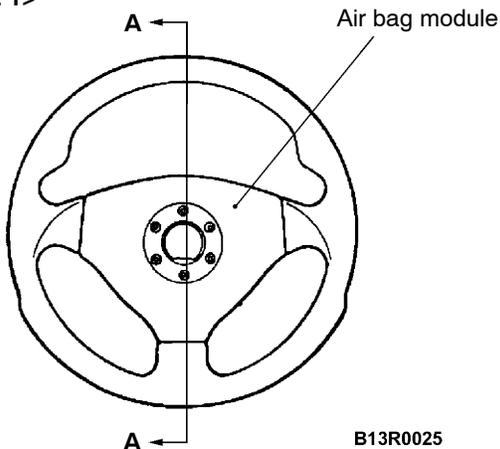
The air bag is made of nylon, and is inflated by gas generated from the inflator. As the passenger

comes into contact with the air bag, the air bag starts to deflate while gas is discharged from the two vents at the back to ease the impact. The inflator contains no sodium azide.

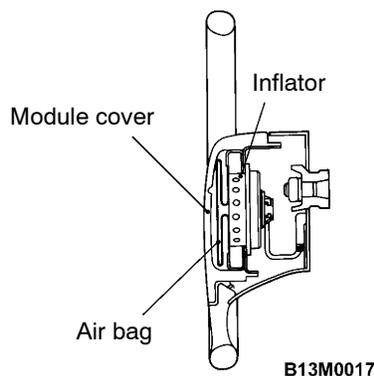
**Caution**

**Never disassemble the air bag module. And never subject it to impact.**

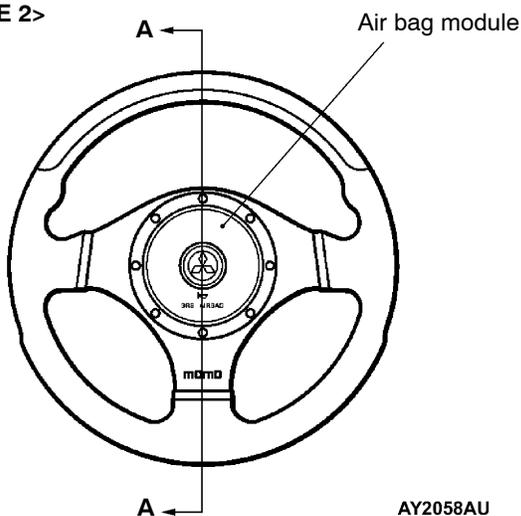
<TYPE 1>



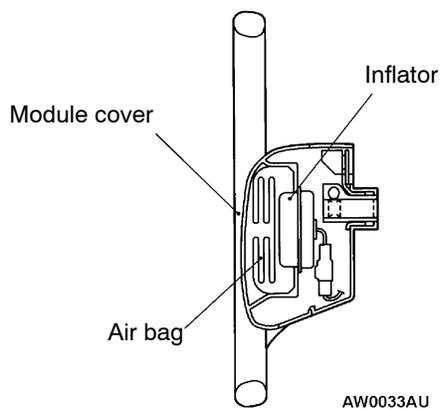
Section A - A



<TYPE 2>



Section A - A



### FRONT PASSENGER'S SIDE AIR BAG MODULE

The front passenger's side air bag module consists of air bag, inflator, module cover (incorporating the instrument panel pad), and the fixing gear related to those parts.

The air bag is made from nylon and inflates by the gas generating from the inflator. As a passenger is being pressed to the air bag, it deflates discharging

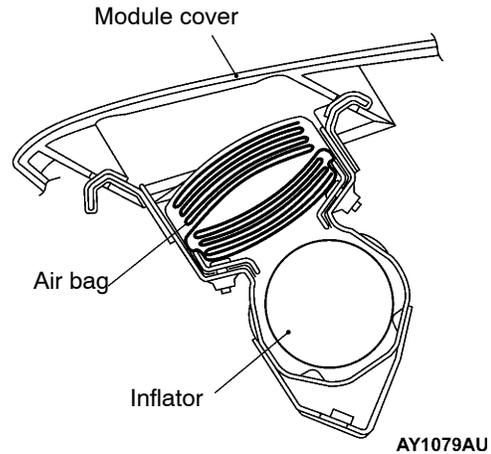
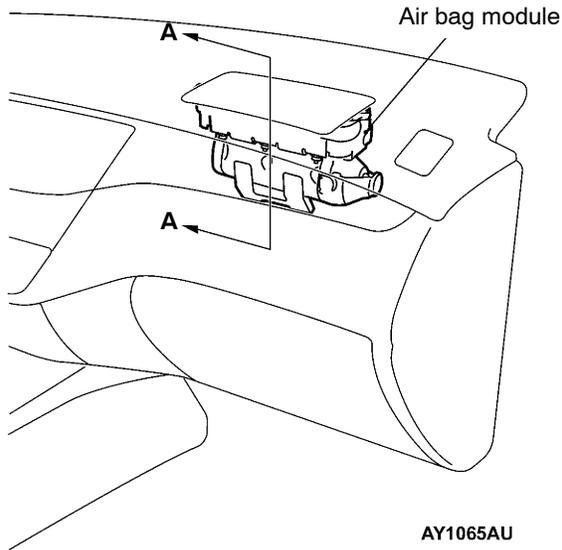
gas from two bores at the rear of the air bag to reduce the shock from the impact.

An inflator that does not contain sodium azide has been adopted for all types of the air bag modules.

#### Caution

**Never disassemble the air bag module. And never subject it to impact.**

#### Section A - A



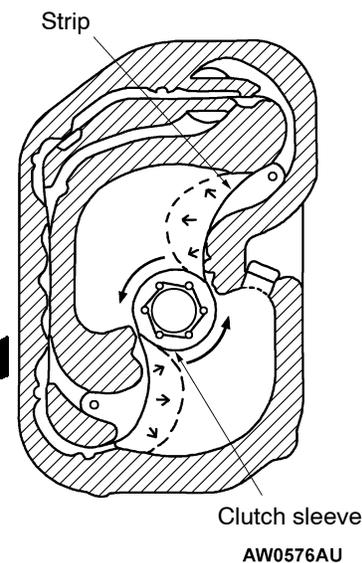
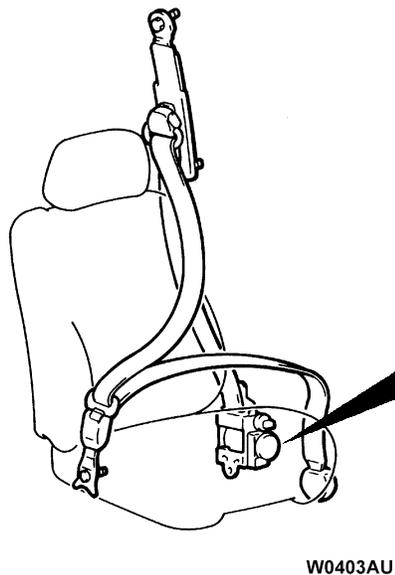
### SEAT BELT WITH PRETENSIONER

Seat belt with pre-tensioner is designed for instantly taking up the seat belt at the time of impact to improve restraint on a passenger. When the G sensor in the SRS-ECU detects impact above a certain level, the heater for ignition heats up according to the signal from the SRS-ECU to ignite the igniter and generate gas. The strip is pushed

outwards by the gas pressure. As the strip wound around the clutch sleeve is pulled out, the clutch sleeve rotates at high speed. The clutch sleeve rotates to wind the waving.

#### Caution

**Never disassemble the seat belt with pretensioner. And never subject it to impact.**



**SRS-ECU**

The SRS-ECU incorporates an analog G sensor and safing G sensor for frontal collisions. In frontal collisions, the driver’s and front passenger’s air bags deploy only when both the analog and safing G sensors detect simultaneously a collision-induced G of a level exceeding the threshold as in the case with the conventional system. Like the conventional system, the SRS-ECU is provided with the following capabilities:

- Backup power supply in case of power failure in collisions
- Boosting function in case of battery voltage drop
- Self-diagnosis function to avoid system’s operation errors and improve its reliability

**Caution**  
**Never disassemble the SRS-ECU. And never subject it to impact.**

**DIAGNOSIS FUNCTION**

The SRS-ECU has the following functions to make system checking using MUT-II easy.

- Diagnosis code output

- Service data output

**DIAGNOSIS CODE OUTPUT**

The SRS-ECU diagnoses the following items and stores a diagnosis code in the non-volatile memory (EEPROM\*1) when a problem is detected.

Therefore, the memory is not deleted after a battery terminal is disconnected. (The diagnosis code memory can be deleted by the MUT-II.)

Code No.	Major Contents of Diagnosis
14	Frontal collision analog G sensor failure
15	Frontal collision safing G sensor short-circuited
16	Frontal collision safing G sensor open-circuited
21*3	Driver’s side front air bag squib short-circuited
22*3	Driver’s side front air bag squib open-circuited
24*3	Front passenger’s side front air bag squib short-circuited
25*3	Front passenger’s side front air bag squib open-circuited
26*3	Driver’s side front seat belt pretensioner short-circuited
27*3	Driver’s side front seat belt pretensioner open-circuited
28*3	Front passenger’s side front seat belt pretensioner short-circuited
29*3	Front passenger’s side front seat belt pretensioner open-circuited
31	Capacitor voltage rises
32	Capacitor voltage drops
34*2	Connector locking mechanism malfunction
35	Ignition of the air bag completed
41*2	Power supply voltage (IG1 voltage) drops abnormally.
42*2	Power supply voltage (IG1 voltage) drops abnormally.
43*2	SRS warning lamp circuit open-circuited
44*2	Defective SRS warning lamp circuit
45	Defective SRS-ECU
49	Air bag fully deployed
51	Driver’s side front air bag squib activating circuit short-circuited

Code No.	Major Contents of Diagnosis
52	Driver's side front air bag squib activating circuit open-circuited
54	Front passenger's side front air bag squib activating circuit short-circuited
55	Front passenger's side front air bag squib activating circuit open-circuited
56	Driver's side front seat belt pretensioner activating circuit short-circuited
57	Driver's side front seat belt pretensioner activating circuit open-circuited
58	Front passenger's side front seat belt pretensioner activating circuit short-circuited
59	Front passenger's side front seat belt pretensioner activating circuit open-circuited
61	Driver's side front air bag squib drive circuit (power supply side) short-circuited
62	Driver's side front air bag squib drive circuit (earth side) short-circuited
64	Front passenger's side front air bag squib drive circuit (power supply side) short-circuited
65	Front passenger's side front air bag squib drive circuit (earth side) short-circuited
66	Driver's side front seat belt pretensioner drive circuit (power supply side) short-circuited
67	Driver's side front seat belt pretensioner drive circuit (earth side) short-circuited
68	Front passenger's side front seat belt pretensioner drive circuit (power supply side) short-circuited
69	Front passenger's side front seat belt pretensioner drive circuit (earth side) short-circuited

**NOTE**

\*1: Electrically Erasable Programmable ROM

\*2: This diagnosis code memory will be automatically cleared from the memory and the SRS warning lamp will be switched off when the system returns to normal condition.

\*3: The diagnosis codes will remain in memory and the SRS warning lamp will be switched off if the system returns to normal.

**SERVICE DATA OUTPUT**

When the SRS-ECU detects a problem, it stores a diagnosis code and the duration of the problem has lasted in the non-volatile memory. In addition, how often a diagnosis code and duration are cleared

by the MUT-II are stored in the non-volatile memory as a reference for service work. The data which is stored can be read by the MUT-II.

No.	Service Data Item	Applicability
92	Number indicating how often the memory is cleared	Maximum time to be stored: 250
93	How long a problem has lasted (How long takes from the occurrence of the problem till the first air bag squid Igniting signal)	Maximum time to be stored: 9999 minutes (approximately 7days)
94	How long a problem has lasted (How long it takes from the first air bag squib igniting signal signal till now)	