



Technical Service Bulletin

SUBJECT:		No: TSB-13-52B-001	
UPDATED SRS CAUTION STATEMENTS – SERVICE MANUAL REVISION		DATE: January, 2013	
		MODEL: See below	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

Caution statements regarding the disposal of certain SRS components have been incorrect in the service manuals of affected vehicles. This TSB provides updated caution statements.

AFFECTED VEHICLES

2008–2013 Lancer
 2009–2013 Lancer Sportback
 2008–2013 Lancer Evolution
 2007–2013 Outlander
 2011–2013 Outlander Sport
 2004–2012 Galant
 2006–2012 Eclipse
 2007–2012 Eclipse Spyder
 2012 i-MiEV

AFFECTED SERVICE MANUALS

2008 & 2009 Lancer Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring Removal and Installation
- Knee Air Bag Module Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2010 Lancer Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <Except for RALLIART>
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <RALLIART>
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Knee Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation <Except RALLIART>
- Side Air Bag Module Removal and Installation <RALLIART>
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

Continued

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The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (www.mitsubishitechinfo.com).

2009 Lancer Sportback Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <GTS>
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <RALLIART>
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Knee Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2010 Lancer Sportback Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <GTS>
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <RALLIART>
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Knee Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2011-2013 Lancer/Lancer Sportback Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <Except RALLIART>
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation <RALLIART>
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Knee Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation <Except RALLIART>
- Side Air Bag Module Removal and Installation <RALLIART>
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2008-2013 Lancer Evolution Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Knee Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation <RALLIART>
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2007–2013 Outlander Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2011–2013 Sport Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Knee Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2004–2006 Galant Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2007–2012 Galant Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2006–2012 Eclipse/Eclipse Spyder Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

2012 i-MiEV Service Manual: Group 52B Supplemental Restraint System (SRS)

- Contents
- Service Precautions
- Air Bag Module(s) and Clock Spring > Driver's Air Bag Module and Clock Spring Removal and Installation
- Air Bag Module(s) and Clock Spring > Passenger's (Front) Air Bag Module Removal and Installation
- Side Air Bag Module Removal and Installation
- Curtain Air Bag Module Removal and Installation
- Seat Belt with Pre-tensioner Removal and Installation

Make the changes shown on pages 4 through 9 to the following:
2008-2009 Lancer Service Manual: Group 52B Supplemental Restraint System (SRS)
2007-2008 Outlander Service Manual: Group 52B Supplemental Restraint System (SRS)

GROUP 52B

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

CONTENTS

GENERAL INFORMATION	TRouble SYMPTOM CHART.....
	SYMPTOM PROCEDURES
SERVICE PRECAUTIONS	DATA LIST REFERENCE TABLE.....
	ACTUATOR TEST REFERENCE TABLE..
SRS AIR BAG DIAGNOSIS	FAIL-SAFE FUNCTION REFERENCE
INTRODUCTION TO DIAGNOSIS	TABLE.....
TROUBLESHOOTING STRATEGY	ACCURACY CHECK OF OCCUPANT
DIAGNOSTIC FUNCTION	CLASSIFICATION SENSOR REFERENCE
SRS WARNING LIGHT CHECK.....	TABLE.....
PASSENGER'S SEAT BELT WARNING LIGHT	SPECIAL TOOLS
DIAGNOSTIC TROUBLE CODE CHART	
<SRS-ECU>	POST-COLLISION DIAGNOSIS
DIAGNOSTIC TROUBLE CODE PROCEDURES	
<SRS-ECU>	INDIVIDUAL COMPONENT
DIAGNOSTIC TROUBLE CODE CHART	SERVICE
<Occupant classification-ECU>	
DIAGNOSTIC TROUBLE CODE PROCEDURES	
<OCCUPANT CLASSIFICATION-ECU> ..	

Continued on next page

⚠ WARNING

Battery posts, terminals and related accessories contain lead and lead compounds. WASH HANDS AFTER HANDLING.

⚠ WARNING

- Carefully read and observe the information in the SRS SERVICE PRECAUTIONS prior to any service.
- For information concerning diagnosis or maintenance, always observe the procedures in the SRS Diagnosis or the SRS Maintenance sections, respectively.
- If any SRS components are removed or replaced in connection with any service procedures, be sure to follow the procedures in the INDIVIDUAL COMPONENT SERVICE section for the compartments involved.
- If you have any questions about the SRS, please contact the MMNA Tech Line.

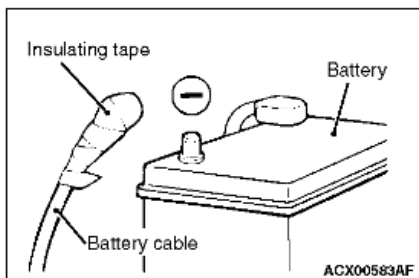
<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SERVICE PRECAUTIONS

SERVICE PRECAUTIONS

M1524000301362



⚠ DANGER

- In order to avoid injury to yourself or others from accidental deployment of the air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.
- After disconnecting the battery cable, wait 60 seconds or more before proceeding with the following work. The SRS system is designed to retain enough voltage to deploy the air bag for a short time even after the battery has been disconnected, so serious injury may result from unintended air bag deployment if work is done on the SRS system immediately after the battery cables are disconnected.

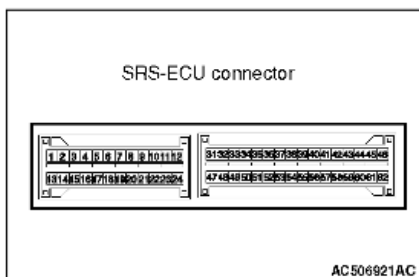
⚠ WARNING

- Battery posts, terminals and related accessories contain lead and lead compounds. **WASH HANDS AFTER HANDLING.**
- Do not use any electrical test equipment on or near the SRS components, except those specified on

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

- Never Attempt to Repair the Following Components: SRS-ECU, Clock Spring, Air Bag Modules, Front impact sensor, Side Impact Sensor, Seat Belt with Pre-tensioner. If any of these components are diagnosed as faulty, they should only be replaced, in accordance with the **INDIVIDUAL COMPONENT SERVICE** procedures in this manual, starting on



- Do not attempt to repair the wiring harness connectors of the SRS. If any of the connectors are diagnosed as faulty, replace the wiring harness. If the wires are diagnosed as faulty, replace or repair the wiring harness according to the following table.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
AIR BAG MODULE(S) AND CLOCK SPRING

AIR BAG MODULE(S) AND CLOCK SPRING

REMOVAL AND INSTALLATION

M15240C24C0942

⚠ WARNING

- *Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.*
- *Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.*
- *The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.*
- *Do not expose the air bag modules to temperatures over 93°C (200°F).*
- *After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.*
- *Wear gloves and safety glasses when handling air bags that have already deployed.*
- *An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).*
- *When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).*

SIDE-AIRBAG MODULE

For removal and installation of the front seatback assembly with side-airbag module, refer to GROUP 52A, Front Seat

<Added>

- *Certain components of this vehicle, such as air bag modules and seat belt pretensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.*

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
KNEE AIR BAG MODULE

KNEE AIR BAG MODULE

REMOVAL AND INSTALLATION

M15240440C0018

⚠ WARNING

- Never attempt to disassemble or repair the knee air bag modules. If faulty, replace it.
- Do not drop the knee air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the knee air bag modules to temperatures over 93°C (200°F).
- After deployment of the air bag, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

➤ An undeployed knee air bag module should only be disposed of in accordance with the procedures (Refer to _____).

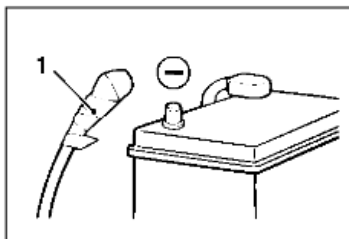
• When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

<Added>

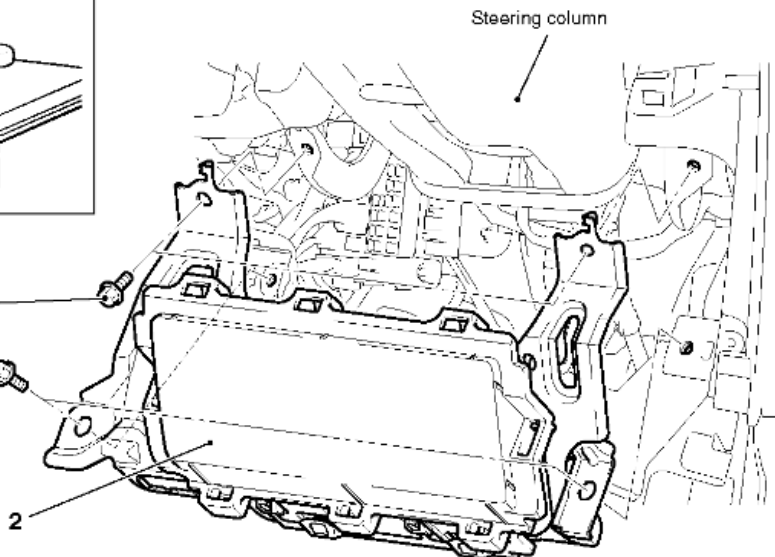
• Certain components of this vehicle, such as airbag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



9.5 ± 3.5 N·m
84 ± 31 in-lb



AC809125AB

- <<A>>
- Removal steps**
1. Negative (-) battery cable connection
 - Instrument panel cover lower (Refer to GROUP 52A, Instrument Lower Panel _____).
- <>
2. Knee air bag module

- >>A<<
- Installation steps**
- Pre-installation inspection
 - >>B<< 2. Knee air bag module
 - Instrument panel cover lower (Refer to GROUP 52A, Instrument Lower Panel _____).
 1. Negative (-) battery cable connection
 - >>C<< • Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
CURTAIN AIR BAG MODULES

CURTAIN AIR BAG MODULES

REMOVAL AND INSTALLATION

M152401350192

⚠ WARNING

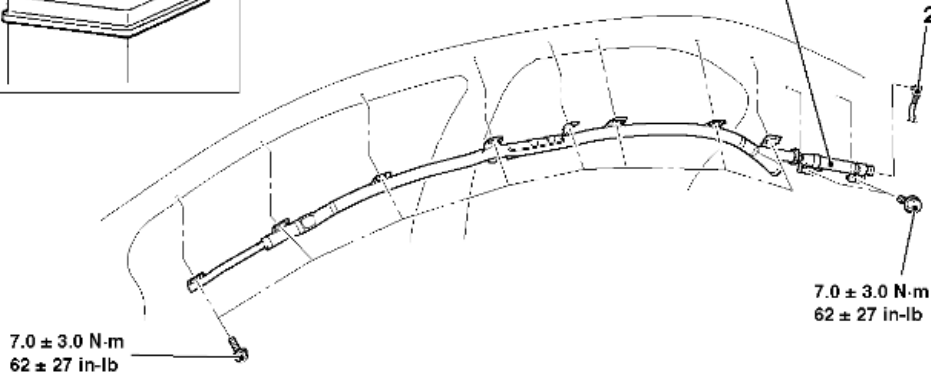
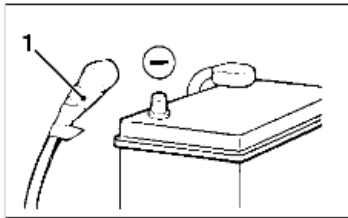
- Never attempt to disassemble or repair the curtain air bag modules. If faulty, replace it.
- Do not drop the curtain air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the curtain air bag modules to temperatures over 93°C (200°F).
- After deployment of the air bag, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.
- An undeployed curtain air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



AC608584AB

Removal steps

- <<A>> 1. Negative (-) battery cable connection
 - Headlining (Refer to GROUP 52A, Headlining _____).
- <> 2. Curtain air bag module connector connection
- <<C>> 3. Curtain air bag module

Installation steps

- >>A<< 1. Pre-installation inspection
- >>B<< 3. Curtain air bag module
- >>C<< 2. Curtain air bag module connector connection
 - Headlining (Refer to GROUP 52A, Headlining _____).
- >>D<< 1. Negative (-) battery cable connection
- >>D<< 2. Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SEAT BELTS WITH PRE-TENSIONER

SEAT BELTS WITH PRE-TENSIONER

REMOVAL AND INSTALLATION

M15240C41C09/0

⚠ WARNING

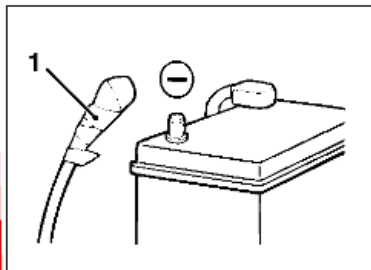
- Never attempt to disassemble or repair the seat belt pre-tensioner. If faulty, replace it.
- Be extremely careful when handling the seat with pre-tensioner. Do not subject it to shocks, drop it, bring it close to strong magnets or allow contact with water, grease or oil. Always replace it with a new part if any dents, cracks or deformation is found.
- Do not place anything on the seat belt pre-tensioner.
- Do not expose the seat belt pre-tensioner to temperatures over 90°C (194°F).
- After operating the seat belt pre-tensioner, replace the seat belt pre-tensioner with a new part.
- Gloves and protective goggles must be worn when handling a seat belt pre-tensioner once it has been used.

~~• If disposing of a seat belt with pre-tensioner which has not yet been operated, its seat belt pre-tensioner must be operated first before disposal (Refer to _____).~~

When removing and installing the front passenger seat belt, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____). <Added>

Pre-removal Operation

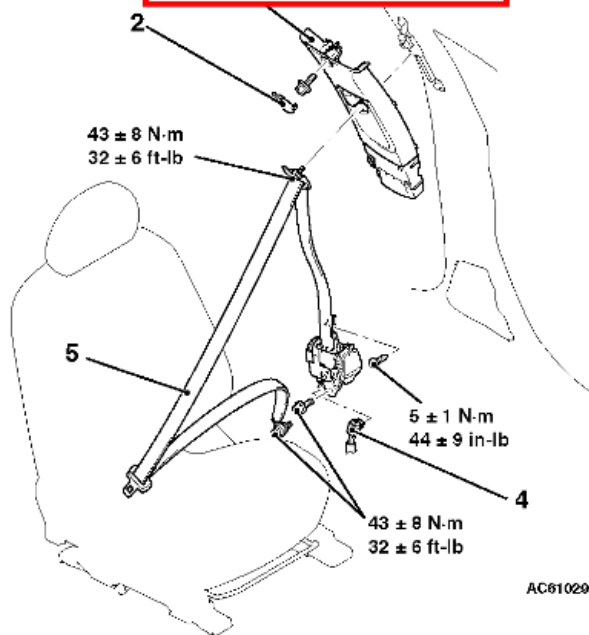
- Turn the ignition key to the "LOCK" (OFF) position.



<New>

• An undeployed seat belt with pre-tensioner should only be disposed of in accordance with the procedures (Refer to _____).

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



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Make the changes shown on pages 10 through 19 to the following:

2010 Lancer Service Manual: Group 52B Supplemental Restraint System (SRS)

2009-2010 Lancer Sportback Service Manual: Group 52B Supplemental Restraint System (SRS)

2011-2013 Lancer/Lancer Sportback Service Manual: Group 52B Supplemental Restraint System (SRS)

2011-2013 Outlander Sport Service Manual: Group 52B Supplemental Restraint System (SRS)

GROUP 52B

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

CONTENTS

GENERAL INFORMATION	<OCCUPANT CLASSIFICATION-ECU> . . .
SERVICE PRECAUTIONS	TROUBLE SYMPTOM CHART
SRS AIR BAG DIAGNOSIS	SYMPTOM PROCEDURES
INTRODUCTION TO DIAGNOSIS	DATA LIST REFERENCE TABLE
TROUBLESHOOTING STRATEGY	ACTUATOR TEST REFERENCE TABLE . .
DIAGNOSTIC FUNCTION	FAIL-SAFE FUNCTION REFERENCE TABLE
SRS WARNING LIGHT CHECK
PASSENGER'S SEAT BELT WARNING LIGHT	ACCURACY CHECK OF OCCUPANT
CHECK	CLASSIFICATION SENSOR
PASSENGER'S AIR BAG OFF INDICATOR LIGHT	SPECIAL TOOLS
CHECK	TEST EQUIPMENT
DIAGNOSTIC TROUBLE CODE CHART <SRS-ECU>	POST-COLLISION DIAGNOSIS
.....	INDIVIDUAL COMPONENT SERVICE
DIAGNOSTIC TROUBLE CODE PROCEDURES	
<SRS-ECU>	
DIAGNOSTIC TROUBLE CODE CHART	
<Occupant classification-ECU>	
DIAGNOSTIC TROUBLE CODE PROCEDURES	

Continued on next page

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

⚠ WARNING
Battery posts, terminals and related accessories contain lead and lead compounds. WASH HANDS AFTER HANDLING.

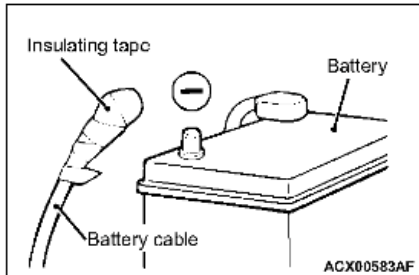
⚠ WARNING

- Carefully read and observe the information in the SRS SERVICE PRECAUTIONS prior to any service.
- For information concerning diagnosis or maintenance, always observe the procedures in the SRS Diagnosis or the SRS Maintenance sections, respectively.
- If any SRS components are removed or replaced in connection with any service procedures, be sure to follow the procedures in the INDIVIDUAL COMPONENT SERVICE section for the components involved.
- If you have any questions about the SRS, please contact the MMNA Tech Line.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SERVICE PRECAUTIONS

SERVICE PRECAUTIONS

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⚠ DANGER

- In order to avoid injury to yourself or others from accidental deployment of the air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.
- After disconnecting the battery cable, wait 60 seconds or more before proceeding with the following work. The SRS system is designed to retain enough voltage to deploy the air bag for a short time even after the battery has been disconnected, so serious injury may result from unintended air bag deployment if work is done on the SRS system immediately after the battery cables are disconnected.

⚠ WARNING

- Battery posts, terminals and related accessories contain lead and lead compounds. **WASH HANDS AFTER HANDLING.**

<Added>

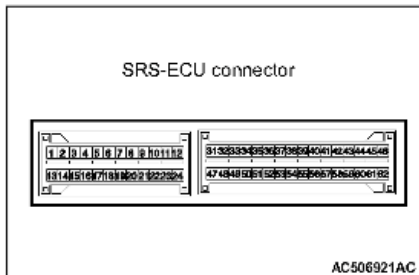
• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~

- Do not use any electrical test equipment on or near the SRS components, except those specified on

- Never Attempt to Repair the Following Components: SRS-ECU, Clock Spring, Air Bag Modules, Front impact sensor, Side Impact Sensor, Seat Belt with Pre-tensioner. If any of these components are diagnosed as faulty, they should only be replaced, in accordance with the **INDIVIDUAL COMPONENT SERVICE** procedures in this manual, starting on

- Do not attempt to repair the wiring harness connectors of the SRS. If any of the connectors are diagnosed as faulty, replace the wiring harness. If the wires are diagnosed as faulty, replace or repair the wiring harness according to the following table.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
DRIVER'S AIR BAG MODULE AND CLOCK SPRING <Except RALLIART>

DRIVER'S AIR BAG MODULE AND CLOCK SPRING
<Except RALLIART>

REMOVAL AND INSTALLATION

M1524047500836

⚠ WARNING

- Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.
- Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.
- Do not expose the air bag modules to temperatures over 93 °C (200 °F).
- After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.
- Wear gloves and safety glasses when handling air bags that have already deployed.

<Deleted>

- ~~Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~
- An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).

Pre-removal operation

- Check that the front wheels are at the straight-ahead position.

<Added>

- Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
DRIVER'S AIR BAG MODULE AND CLOCK SPRING <RALLIART>

**DRIVER'S AIR BAG MODULE AND CLOCK SPRING
<RALLIART>**

REMOVAL AND INSTALLATION

M1524047500647

⚠ WARNING

- *Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.*
- *Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.*
- *The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.*
- *Do not expose the air bag modules to temperatures over 93°C (200 °F).*
- *After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.*
- *Wear gloves and safety glasses when handling air bags that have already deployed.*

<Deleted>

~~• *Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.*~~

- *An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).*
- *When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).*

Pre-removal operation

- Check that the front wheels are at the straight-ahead position.

<Added>

• *Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.*

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
PASSENGER'S (FRONT) AIR BAG MODULE

PASSENGER'S (FRONT) AIR BAG MODULE

PASSENGER'S (FRONT) AIR BAG MODULE REMOVAL AND INSTALLATION

M1524047300331

⚠ WARNING

- Never attempt to disassemble or repair the air bag modules. If faulty, replace it.
- Do not drop the air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.
- Do not expose the air bag modules to temperatures over 93°C (200°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.
- ~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~
- An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).

<Added>

- Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
 KNEE AIR BAG MODULE

KNEE AIR BAG MODULE

REMOVAL AND INSTALLATION

6A15240440C0290

⚠ WARNING

- Never attempt to disassemble or repair the knee air bag modules. If faulty, replace it.
- Do not drop the knee air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the knee air bag modules to temperatures over 93°C (200°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

<Deleted>

⚠ ~~Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~

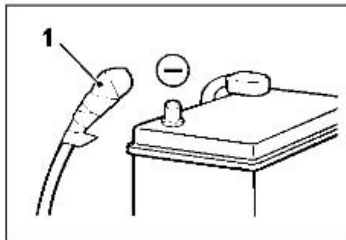
- An undeployed knee air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

⚠

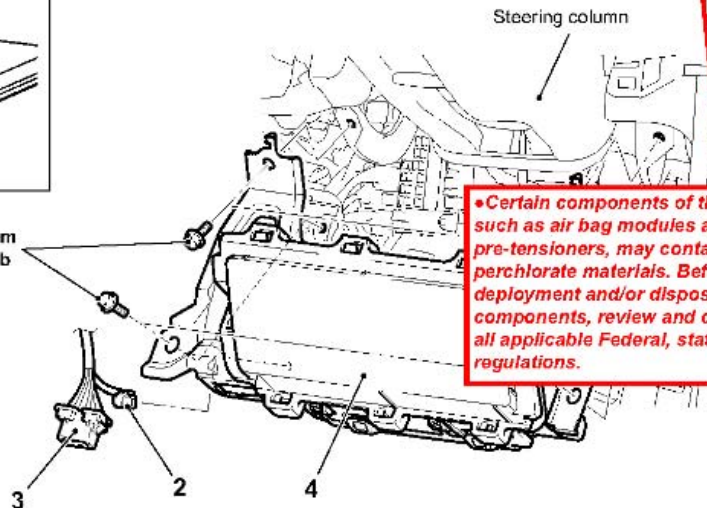
~~The website quoted contains California information only and may not be accurate for other states. Dealer staff should be referred to their state's website for further information.~~

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



9.5 ± 3.5 N·m
 84 ± 30 in-lb



⚠ ~~Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.~~

<Added>

AC802836 AC

- <<A>>
- Removal steps**
1. Negative (-) battery cable connection
 - Instrument panel cover lower (Refer to GROUP 52A, Instrument Lower Panel _____).
- <>
2. Knee air bag module connector

<<C>>

- >>A<<
- >>B<<
- Removal steps (Continued)**
3. Data link connector
 4. Knee air bag module
- Installation steps**
- Pre-installation inspection
 4. Knee air bag module

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
 SIDE-AIRBAG MODULE(S) <Except RALLIART>

SIDE-AIRBAG MODULE(S) <Except RALLIART>

SIDE-AIRBAG MODULE(S) REMOVAL AND INSTALLATION

M15240365C0/06

⚠ WARNING

- Never attempt to disassemble or repair the side-air bag modules. If faulty, replace it.
- Do not drop the side-air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the side-air bag modules to temperatures over 93°C (200°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

<Deleted>

~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~

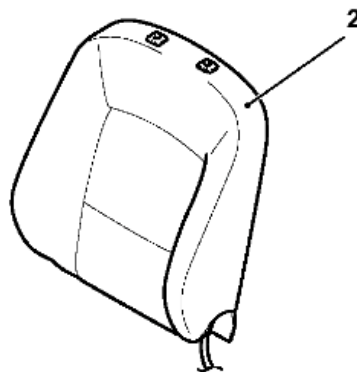
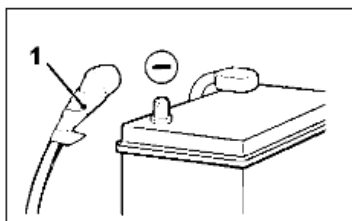
- An undeployed side-air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



AC802012 AC

<<A>>

Removal step

1. Negative (-) battery cable
- Front seat assembly (Refer to GROUP 52A – Front Seat Assembly _____)

<>

2. Front seatback assembly (with side-airbag module) (Refer to GROUP 52A – Front Seat Assembly _____)

>>A<<

Installation step

- Pre-installation inspection
- 2. Front seatback assembly (with side-airbag module) (Refer to GROUP 52A – Front Seat Assembly _____)
- Front seat assembly (Refer to GROUP 52A – Front Seat Assembly _____)

>>B<<

1. Negative (-) battery cable
- Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SIDE-AIRBAG MODULE(S) <RALLIART>

SIDE-AIRBAG MODULE(S) <RALLIART>

REMOVAL AND INSTALLATION

M15240365C0/17

⚠ WARNING

- Never attempt to disassemble or repair the side-air bag modules. If faulty, replace it.
- Do not drop the side-air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the side-air bag modules to temperatures over 93°C (200°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

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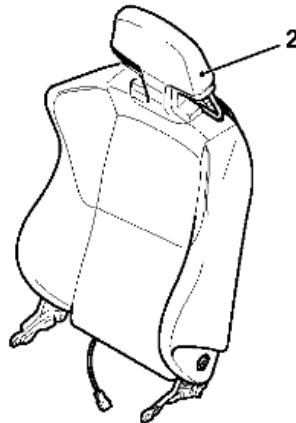
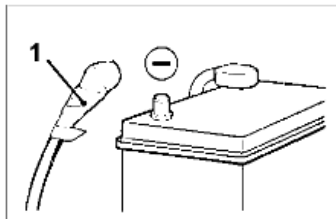
~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate~~

• An undeployed side-air bag module should only be disposed of in accordance with the procedures (Refer to _____).

• When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

AC801897AC

Removal steps

- <<A>>
1. Negative (-) battery cable
 - Front seat assembly (Refer to GROUP 52A, Front Seat Assembly).
- <>
2. Front seatback (with side-airbag module) (Refer to GROUP 52A, Front Seat Assembly).

Installation steps

- >>A<<
- Pre-installation inspection
 - Front seat assembly (Refer to GROUP 52A, Front Seat Assembly).
- >>B<<
2. Front seatback (with side-airbag module) (Refer to GROUP 52A, Front Seat Assembly).
 1. Negative (-) battery cable
 - Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
CURTAIN AIR BAG MODULE(S)

CURTAIN AIR BAG MODULE(S)

REMOVAL AND INSTALLATION

M15240135C0697

⚠ WARNING

- Never attempt to disassemble or repair the curtain air bag modules. If faulty, replace it.
- Do not drop the curtain air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the curtain air bag modules to temperatures over 93°C (200°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

<Deleted>

~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate~~

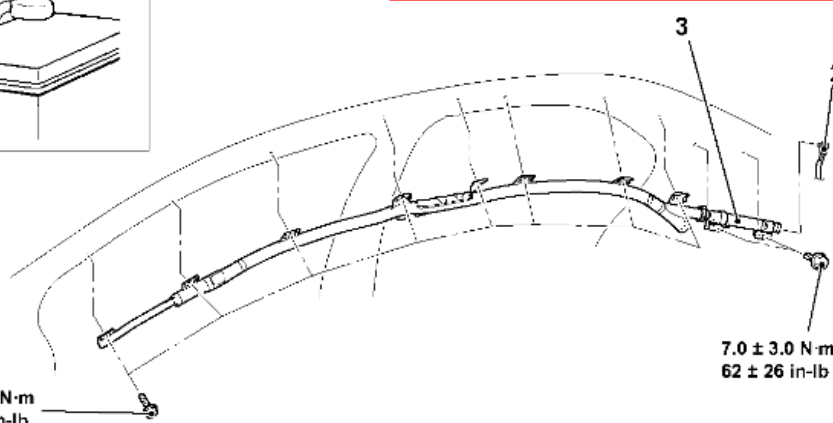
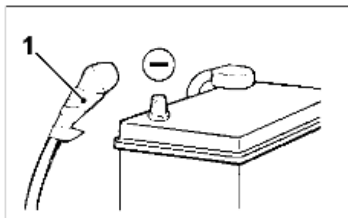
- An undeployed curtain air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

<Added>

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



AC608584 AE

Removal steps

- <<A>> 1. Negative (-) battery cable
 - Headlining (Refer to GROUP 52A, Headlining _____).
- <> 2. Curtain air bag module connector
- <<C>> 3. Curtain air bag module

Installation steps

- >>A<< • Pre-installation inspection
- >>B<< 3. Curtain air bag module
- >>C<< 2. Curtain air bag module connector
 - Headlining (Refer to GROUP 52A, Headlining _____).
- >>D<< 1. Negative (-) battery cable
- Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SEAT BELTS WITH PRE-TENSIONER

SEAT BELTS WITH PRE-TENSIONER

REMOVAL AND INSTALLATION

M1524004101/57

⚠ WARNING

- Never attempt to disassemble or repair the seat belt pre-tensioner. If faulty, replace it.
- Be extremely careful when handling the seat with pre-tensioner. Do not subject it to shocks, drop it, bring it close to strong magnets or allow contact with water, grease or oil. Always replace it with a new part if any dents, cracks or deformation is found.
- Do not place anything on the seat belt pre-tensioner.
- Do not expose the seat belt pre-tensioner to temperatures over 90°C (194°F).
- After operating the seat belt pre-tensioner, replace the seat belt pre-tensioner with a new part.
- Gloves and protective goggles must be worn when handling a seat belt pre-tensioner once it has been used.

<Deleted>

~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate~~

~~• If disposing of a seat belt with pre-tensioner which has not yet been operated, its seat belt pre-tensioner must be operated first before disposal (Refer to _____).~~

• When removing and installing the front passenger seat belt, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).

<New>

• An undeployed seat belt with pre-tensioner should only be disposed of in accordance with the procedures (Refer to _____).

Pre-removal Operation

- Turn the ignition key to the "LOCK" (OFF) position.

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

Make the changes shown on pages 20 through 27 to the following:
2008-2012 Lancer Evolution Service Manual: Group 52B Supplemental Restraint System (SRS)

GROUP 52B

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

CONTENTS

GENERAL INFORMATION	DIAGNOSTIC TROUBLE CODE PROCEDURES <SRS-ECU>
SERVICE PRECAUTIONS	DIAGNOSTIC TROUBLE CODE CHART <Occupant classification-ECU>
SRS AIR BAG DIAGNOSIS	DIAGNOSTIC TROUBLE CODE PROCEDURES <OCCUPANT CLASSIFICATION-ECU>
INTRODUCTION TO DIAGNOSIS	TROUBLE SYMPTOM CHART
TROUBLESHOOTING STRATEGY	SYMPTOM PROCEDURES
DIAGNOSTIC FUNCTION	DATA LIST REFERENCE TABLE
SRS WARNING LIGHT CHECK	ACTUATOR TEST REFERENCE TABLE ..
PASSENGER'S SEAT BELT WARNING LIGHT CHECK	FAIL-SAFE FUNCTION REFERENCE TABLE
PASSENGER'S AIR BAG OFF INDICATOR LIGHT CHECK	ACCURACY CHECK OF OCCUPANT CLASSIFICATION SENSOR
DIAGNOSTIC TROUBLE CODE CHART <SRS-ECU>	

Continued on next page

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

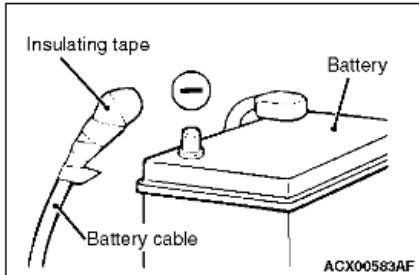
⚠ WARNING

- Carefully read and observe the information in the SRS SERVICE PRECAUTIONS prior to any service.
- For information concerning diagnosis or maintenance, always observe the procedures in the SRS Diagnosis or the SRS Maintenance sections, respectively.
- If any SRS components are removed or replaced in connection with any service procedures, be sure to follow the procedures in the INDIVIDUAL COMPONENT SERVICE section for the compartments involved.
- If you have any questions about the SRS, please contact the MMNA Tech Line.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SERVICE PRECAUTIONS

SERVICE PRECAUTIONS

M15240C03C1339



⚠ DANGER

- In order to avoid injury to yourself or others from accidental deployment of the air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.
- After disconnecting the battery cable, wait 60 seconds or more before proceeding with the following work. The SRS system is designed to retain enough voltage to deploy the air bag for a short time even after the battery has been disconnected, so serious injury may result from unintended air bag deployment if work is done on the SRS system immediately after the battery cables are disconnected.

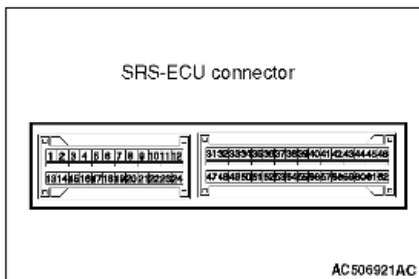
⚠ WARNING

- Battery posts, terminals and related accessories contain lead and lead compounds. **WASH HANDS AFTER HANDLING.**
- Do not use any electrical test equipment on or near the SRS components, except those specified on

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

- Never Attempt to Repair the Following Components: SRS-ECU, Clock Spring, Air Bag Modules, Front impact sensor, Side Impact Sensor, Seat Belt with Pre-tensioner. If any of these components are diagnosed as faulty, they should only be replaced, in accordance with the **INDIVIDUAL COMPONENT SERVICE** procedures in this manual, starting on



- Do not attempt to repair the wiring harness connectors of the SRS. If any of the connectors are diagnosed as faulty, replace the wiring harness. If the wires are diagnosed as faulty, replace or repair the wiring harness according to the following table.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
DRIVER'S AIR BAG MODULE AND CLOCK SPRING

DRIVER'S AIR BAG MODULE AND CLOCK SPRING

REMOVAL AND INSTALLATION

M152404/5C04/6

⚠ WARNING

- *Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.*
- *Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.*
- *The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.*
- *Do not expose the air bag modules to temperatures over 93 °C (200 °F).*
- *After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.*
- *Wear gloves and safety glasses when handling air bags that have already deployed.*
- *An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).*
- *When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).*

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
 PASSENGER'S (FRONT) AIR BAG MODULE

PASSENGER'S (FRONT) AIR BAG MODULE

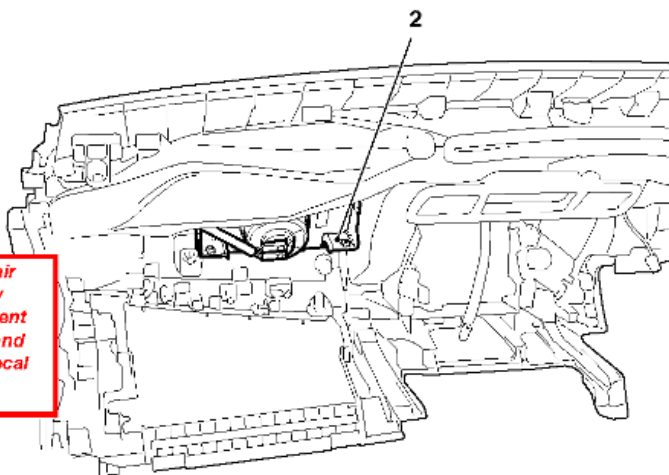
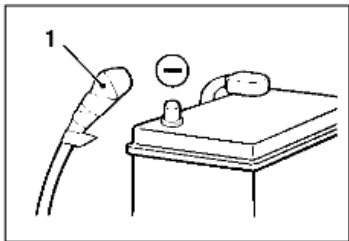
REMOVAL AND INSTALLATION

M152404/3C0234

⚠ WARNING

- Never attempt to disassemble or repair the air bag modules. If faulty, replace it.
- Do not drop the air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.
- Do not expose the air bag modules to temperatures over 93 °C (200 °F).
- After deployment of the air bag, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.
- An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).

PASSENGER'S (FRONT) AIR BAG MODULE



<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

AC709086AB

- <<A>>
- Passenger's (front) air bag module removal steps**
1. Negative (-) battery cable
 - Instrument Panel Assembly (Refer to GROUP 52A, Instrument Panel Assembly _____)
- <>
2. Passenger's (front) air bag module
- Passenger's (front) air bag installation steps**
1. Negative (-) battery cable
 - Pre-installation inspection
- >>A<<

- Passenger's (front) air bag installation steps (Continued)**
2. Passenger's (front) air bag module
 - Instrument Panel Assembly (Refer to GROUP 52A, Instrument Panel Assembly _____)
- >>B<<
1. Negative (-) battery cable
 - Post-installation inspection

NOTE: The illustration above shows instrument panel back side.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
KNEE AIR BAG MODULE

KNEE AIR BAG MODULE

REMOVAL AND INSTALLATION

M152404400223

⚠ WARNING

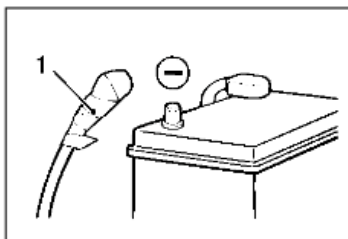
- Never attempt to disassemble or repair the knee air bag modules. If faulty, replace it.
- Do not drop the knee air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the knee air bag modules to temperatures over 93 °C (200 °F).
- After deployment of the air bag, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.
- An undeployed knee air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

<Added>

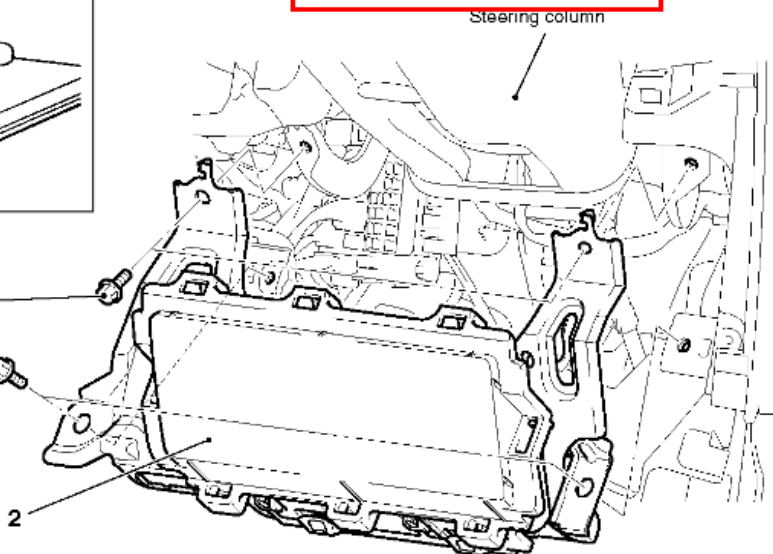
• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



9.5 ± 3.5 N·m
84 ± 30 in·lb



AC609125AC

Removal steps

- <<A>> 1. Negative (-) battery cable
- Instrument panel cover assembly (Refer to GROUP 52A, Instrument Lower Panel _____).
- <> 2. Knee air bag module

Installation steps

- >>A<< 1. Pre-installation inspection
- >>B<< 2. Knee air bag module
- Instrument panel cover assembly (Refer to GROUP 52A, Instrument Lower Panel _____).
- 1. Negative (-) battery cable
- >>C<< 1. Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SIDE-AIRBAG MODULE(S)

SIDE-AIRBAG MODULE(S)

REMOVAL AND INSTALLATION

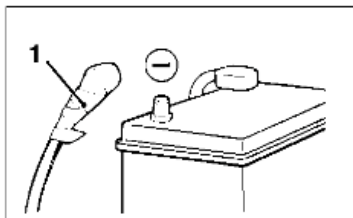
M15240/365C0809

⚠ WARNING

- Never attempt to disassemble or repair the side-air bag modules. If faulty, replace it.
- Do not drop the side-air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the side-air bag modules to temperatures over 93°C (200°F).
- After deployment of the air bag, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.
- An undeployed side-air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

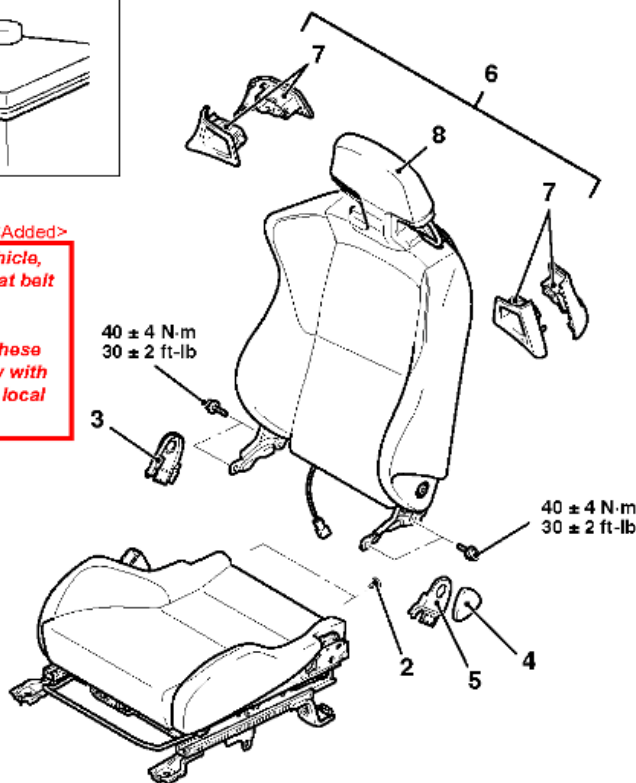
Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



AC709125AB

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
CURTAIN AIR BAG MODULE(S)

CURTAIN AIR BAG MODULE(S)

REMOVAL AND INSTALLATION

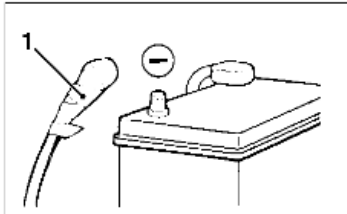
M15240135C0567

⚠ WARNING

- Never attempt to disassemble or repair the curtain air bag modules. If faulty, replace it.
- Do not drop the curtain air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the curtain air bag modules to temperatures over 93 °C (200 °F).
- After deployment of the air bag, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.
- An undeployed curtain air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle (On-vehicle Service _____).

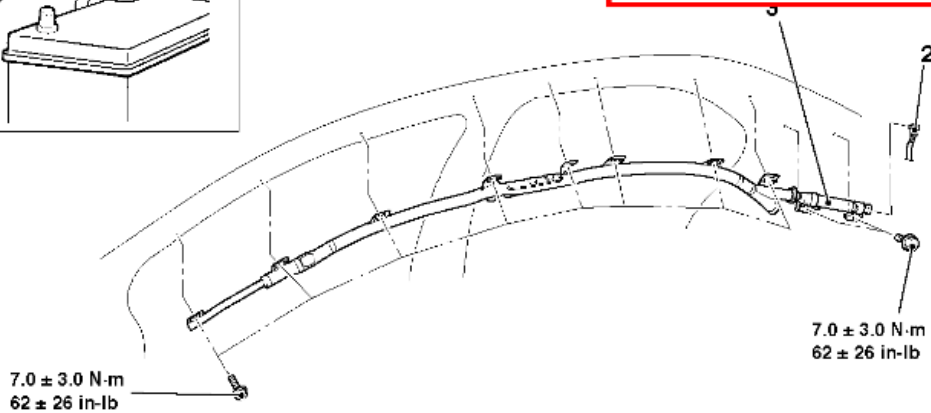
Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



AC608584AE

- <<A>>**
- Removal steps**
1. Negative (-) battery cable
 - Headlining (Refer to GROUP 52A, Headlining _____).
- <>**
2. Curtain air bag module connector
- <<C>>**
3. Curtain air bag module

- >>A<<**
- Installation steps**
- Pre-installation inspection
- >>B<<**
3. Curtain air bag module
- >>C<<**
2. Curtain air bag module connector
 - Headlining (Refer to GROUP 52A, Headlining _____).
- >>D<<**
1. Negative (-) battery cable
 - Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SEAT BELTS WITH PRE-TENSIONER

SEAT BELTS WITH PRE-TENSIONER

REMOVAL AND INSTALLATION

M15240C41C1519

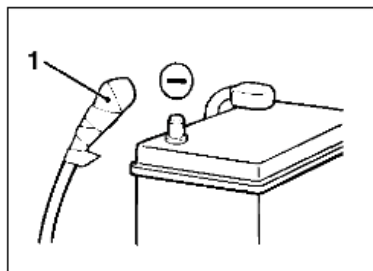
⚠ WARNING

- Never attempt to disassemble or repair the seat belt pre-tensioner. If faulty, replace it.
- Be extremely careful when handling the seat with pre-tensioner. Do not subject it to shocks, drop it, bring it close to strong magnets or allow contact with water, grease or oil. Always replace it with a new part if any dents, cracks or deformation is found.
- Do not place anything on the seat belt pre-tensioner.
- Do not expose the seat belt pre-tensioner to temperatures over 90 °C (194 °F).
- After operating the seat belt pre-tensioner, replace the seat belt pre-tensioner with a new part.
- Gloves and protective goggles must be worn when handling a seat belt pre-tensioner once it has been used.

- ~~If disposing of a seat belt with pre-tensioner which has not yet been operated, its seat belt pre-tensioner must be operated first before disposal (Refer to _____).~~ <Old>
- When removing and installing the front passenger seat belt, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).

Pre-removal Operation

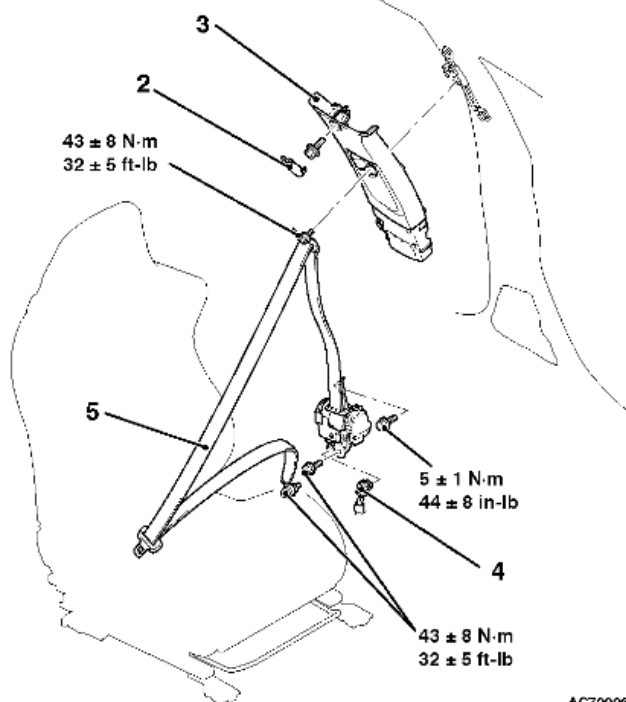
- Turn the ignition key to the "LOCK" (OFF) position.



<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

<New>
• An undeployed seat belt with pre-tensioner should only be disposed of in accordance with the procedures (Refer to _____).



AC709295 AC

Make the changes shown on pages 28 through 33 to the following:
2007-2012 Outlander Service Manual: Group 52B Supplemental Restraint System (SRS)

GROUP 52B

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

CONTENTS

FASTENER TIGHTENING SPECIFICATIONS	DIAGNOSTIC TROUBLE CODE PROCEDURES <SRS-ECU>
GENERAL INFORMATION	DIAGNOSTIC TROUBLE CODE CHART <Occupant classification-ECU>
SERVICE PRECAUTIONS	DIAGNOSTIC TROUBLE CODE PROCEDURES <OCCUPANT CLASSIFICATION-ECU>
SRS AIR BAG DIAGNOSIS	TRouble SYMPTOM CHART
INTRODUCTION TO DIAGNOSIS	SYMPTOM PROCEDURES
TROUBLESHOOTING STRATEGY	DATA LIST REFERENCE TABLE
DIAGNOSTIC FUNCTION	ACTUATOR TEST REFERENCE TABLE ..
SRS WARNING LIGHT CHECK	FAIL-SAFE FUNCTION REFERENCE TABLE
PASSENGER'S SEAT BELT WARNING LIGHT CHECK	ACCURACY CHECK OF OCCUPANT CLASSIFICATION SENSOR REFERENCE TABLE
PASSENGER'S AIR BAG OFF INDICATOR LAMP CHECK	
CHECK CHART FOR DIAGNOSIS CODES	

Continued on next page

⚠ WARNING
Battery posts, terminals and related accessories contain lead and lead compounds. WASH HANDS AFTER HANDLING.

⚠ WARNING

- Carefully read and observe the information in the SRS SERVICE PRECAUTIONS prior to any service.
 - For information concerning diagnosis or maintenance, always observe the procedures in the SRS Diagnosis or the SRS Maintenance sections, respectively.
 - If any SRS components are removed or replaced in connection with any service procedures, be sure to follow the procedures in the INDIVIDUAL COMPONENT SERVICE section for the components involved.
 - If you have any questions about the SRS, please contact the MMNA Tech Line ~~.....~~
- ~~Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.~~

<Added>

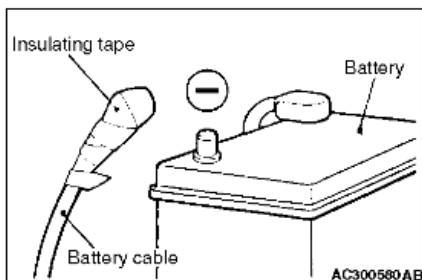
- Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

52B-24

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SERVICE PRECAUTIONS

SERVICE PRECAUTIONS

M15240CC3C1544



⚠ DANGER

- *In order to avoid injury to yourself or others from accidental deployment of the air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.*
- *After disconnecting the battery cable, wait 60 seconds or more before proceeding with the following work. The SRS system is designed to retain enough voltage to deploy the air bag for a short time even after the battery has been disconnected, so serious injury may result from unintended air bag deployment if work is done on the SRS system immediately after the battery cables are disconnected.*
- *The SRS-ECU adopts the rollover specification that the curtain airbag and seat belt pre-tensioner operate at the occurrence of rollover. Therefore, do not tilt the vehicle to the right and left with the IG ON or tilt the SRS-ECU to the right and left with the IG ON and the harness installed.*

⚠ WARNING

- *Battery posts, terminals and related accessories contain lead and lead compounds. WASH HANDS AFTER HANDLING.*

<Deleted>

- ~~*Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.*~~

<Added>

- *Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.*

- ~~*Do not use any electrical test equipment on or near the SRS components, except those specified on*~~

- *Never Attempt to Repair the Following Components: SRS-ECU, Clock Spring, Air Bag Module, Front impact sensor, Side Impact Sensor, Seat Belt with Pre-tensioner, Seat slide sensor, Front seat assembly. If any of these components are diagnosed as faulty, they should only be replaced, in accordance with the INDIVIDUAL COMPONENT SERVICE procedures in this manual, starting on*

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
AIR BAG MODULE(S) AND CLOCK SPRING

AIR BAG MODULE(S) AND CLOCK SPRING

REMOVAL AND INSTALLATION

M15240C24C1097

⚠ WARNING

- Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.
- Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.
- Do not expose the air bag modules to temperatures over 93°C (200°F).
- After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.
- Wear gloves and safety glasses when handling air bags that have already deployed.

<Deleted>

~~• Certain components of this vehicle, such as air bag modules, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsr.ca.gov/hazardouswaste/perchlorate~~

- An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle. (On-Vehicle Service _____.)

SIDE-AIR BAG MODULE

For removal and installation of the front seatback assembly with side-air bag module, refer to GROUP 52A, Front Seat

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
CURTAIN AIR BAG MODULE(S)

CURTAIN AIR BAG MODULE(S)

REMOVAL AND INSTALLATION

M15240135CU396

⚠ WARNING

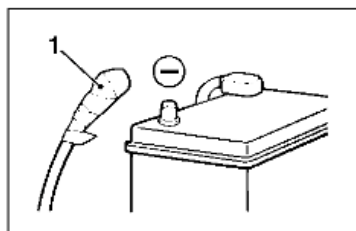
- Never attempt to disassemble or repair the curtain air bag modules. If faulty, replace it.
- Do not drop the curtain air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the curtain air bag modules to temperatures over 93 °C (200 °F).
- Wear gloves and safety glasses when handling air bags that have already deployed.
- ~~Certain components of this vehicle, such as air bag modules, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~
- An undeployed curtain air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle. (On-vehicle Service _____).

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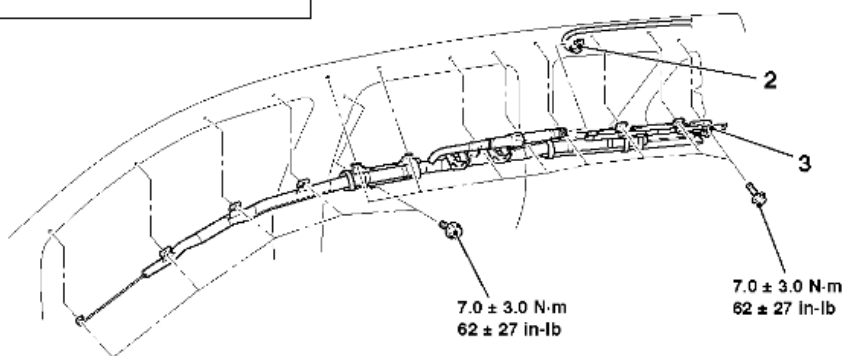
<Added>

Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



AC701974AB

- <<A>> **Removal steps**
1. Negative (-) battery cable connection
 - <> 2. Headlining (Refer to GROUP 52A, Headlining _____).
 - <<C>> 3. Curtain air bag module connector connection
 3. Curtain air bag module

- INSTALLATION STEPS**
- >>A<< 1. Pre-installation inspection
 - >>B<< 3. Curtain air bag module
 - >>C<< 2. Curtain air bag module connector connection
 - Headlining (Refer to GROUP 52A, Headlining _____).
 - >>D<< 1. Negative () battery cable connection
 - Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SEAT BELTS WITH PRE-TENSIONER

SEAT BELTS WITH PRE-TENSIONER

REMOVAL AND INSTALLATION

M15240C4101252

⚠ WARNING

- Never attempt to disassemble or repair the seat belt pre-tensioner. If faulty, replace it.
- Be extremely careful when handling the seat with pre-tensioner. Do not subject it to shocks, drop it, bring it close to strong magnets or allow contact with water, grease or oil. Always replace it with a new part if any dents, cracks or deformation is found.
- Do not place anything on the seat belt pre-tensioner.
- Do not expose the seat belt pre-tensioner to temperatures over 90°C (194°F).
- After operating the seat belt pre-tensioner, replace the seat belt pre-tensioner with a new part.
- Gloves and protective goggles must be worn when handling a seat belt pre-tensioner once it has been used.

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~~• Certain components of this vehicle, such as seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsr.ca.gov/hazardouswaste/perchlorate~~

~~• If disposing of a seat belt with pre-tensioner which has not yet been operated, its seat belt pre-tensioner must be operated first before disposal. (Refer to _____).~~

• When removing and installing the front passenger seat belt, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle. (On-Vehicle Service _____.)

<Old>

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

<New>

• An undeployed seat belt with pre-tensioner should only be disposed of in accordance with the procedures (Refer to _____).

Make the changes shown on pages 33 through 37 to the following:
2004-2012 Galant Service Manual: Group 52B Supplemental Restraint System (SRS)
2006 Eclipse Service Manual: Group 52B Supplemental Restraint System (SRS)
2007-2012 Eclipse/Eclipse Spyder Service Manual: Group 52B Supplemental Restraint System (SRS)

GROUP 52B

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

CONTENTS

GENERAL INFORMATION	SPECIAL TOOLS
SERVICE PRECAUTIONS.....	TEST EQUIPMENT.....
SRS AIR BAG DIAGNOSIS.....	POST-COLLISION DIAGNOSIS.....
INTRODUCTION TO DIAGNOSIS.....	INDIVIDUAL COMPONENT SERVICE.....
TROUBLESHOOTING STRATEGY.....	ON-VEHICLE SERVICE
DIAGNOSTIC FUNCTION	ACCURACY CHECK OF OCCUPANT CLASSIFICATION SENSOR.....
SRS WARNING LIGHT CHECK.....	FRONT IMPACT SENSORS.....
PASSENGER SEAT BELT WARNING LIGHT CHECK	REMOVAL AND INSTALLATION
PASSENGER AIR BAG OFF INDICATOR LIGHT CHECK	INSPECTION.....
DIAGNOSTIC TROUBLE CODE CHART..	SRS CONTROL UNIT (SRS-ECU) ...
DIAGNOSTIC TROUBLE CODE PROCEDURES.....	REMOVAL AND INSTALLATION
TROUBLE SYMPTOM CHART.....	INSPECTION.....
SYMPTOM PROCEDURES	
DATA LIST REFERENCE TABLE	
ACTUATOR TEST REFERENCE TABLE..	
FAIL-SAFE FUNCTION	

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations. d on next page

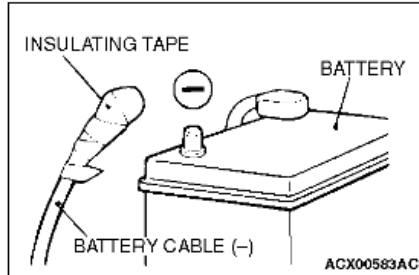
WARNING

- Carefully read and observe the information in the SRS SERVICE PRECAUTIONS prior to any service.
- For information concerning diagnosis or maintenance, always observe the procedures in the SRS Diagnosis or the SRS Maintenance sections, respectively.
- If any SRS components are removed or replaced in connection with any service procedures, be sure to follow the procedures in the INDIVIDUAL COMPONENT SERVICE section for the compartments involved.
- If you have any questions about the SRS, please contact the MMNA Tech Line.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SERVICE PRECAUTIONS

SERVICE PRECAUTIONS

M152400C03C13/3



⚠ DANGER

- In order to avoid injury to yourself or others from accidental deployment of the air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.
- After disconnecting the battery cable, wait 60 seconds or more before proceeding with the following work. The SRS system is designed to retain enough voltage to deploy the air bag for a short time even after the battery has been disconnected, so serious injury may result from unintended air bag deployment if work is done on the SRS system immediately after the battery cables are disconnected.

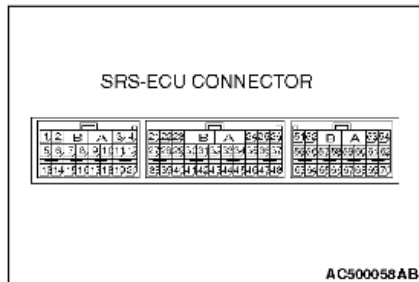
⚠ WARNING

- Battery posts, terminals and related accessories contain lead and lead compounds. **WASH HANDS AFTER HANDLING**.
- Do not use any electrical test equipment on or near the SRS components, except those specified on

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

- Never Attempt to Repair the Following Components: SRS-ECU, Clock Spring, Air Bag Module, Front impact sensor, Side Impact Sensor, Seat Belt with Pre-tensioner, Seat slide sensor, Front seat assembly. If any of these components are diagnosed as faulty, they should only be replaced, in accordance with the **INDIVIDUAL COMPONENT SERVICE** procedures in this manual, starting on
- Do not attempt to repair the wiring harness connectors of the SRS. If any of the connectors are diagnosed as faulty, replace the wiring harness. If the wires are diagnosed as faulty, replace or repair the wiring harness according to the following table.



SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
AIR BAG MODULE(S) AND CLOCK SPRING

AIR BAG MODULE(S) AND CLOCK SPRING

REMOVAL AND INSTALLATION

M15240C24C0942

⚠ WARNING

- *Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.*
- *Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.*
- *The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.*
- *Do not expose the air bag modules to temperatures over 93°C (200°F).*
- *After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.*
- *Wear gloves and safety glasses when handling air bags that have already deployed.*
- *An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).*
- *When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).*

SIDE-AIRBAG MODULE

For removal and installation of the front seatback assembly with side-airbag module, refer to GROUP 52A, Front Seat

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
CURTAIN AIR BAG MODULES

CURTAIN AIR BAG MODULES

REMOVAL AND INSTALLATION

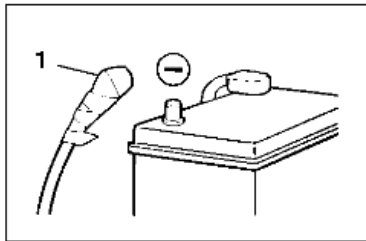
M15240135C0147

⚠ WARNING

- Never attempt to disassemble or repair the curtain air bag modules. If faulty, replace it.
- Do not drop the curtain air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the curtain air bag modules to temperatures over 93°C (200°F).
- Wear gloves and safety glasses when handling air bags that have already deployed.
- An undeployed curtain air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle. (On-vehicle Service _____).

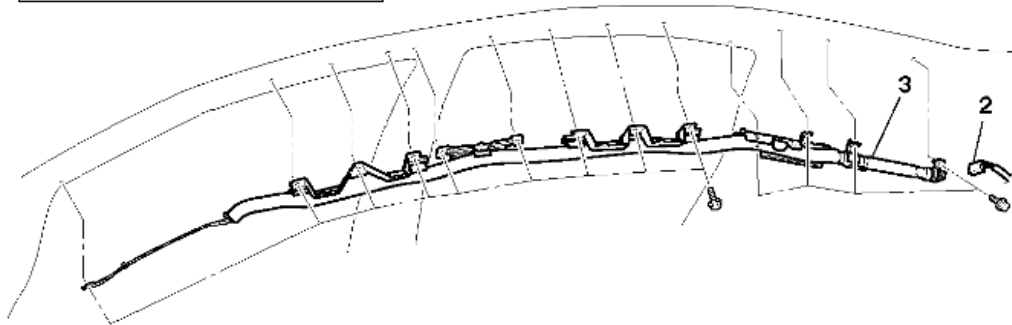
Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



<Added>

- Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



AC601-491AB

REMOVAL STEPS

- <<A>> 1. NEGATIVE (-) BATTERY CABLE CONNECTION
 - HEADLINING (Refer to GROUP 52A, HEADLINING _____).
- <> 2. CURTAIN AIR BAG MODULE CONNECTOR CONNECTION
- 3. CURTAIN AIR BAG MODULE

INSTALLATION STEPS

- >>A<< • PRE-INSTALLATION INSPECTION
- >>B<< 3. CURTAIN AIR BAG MODULE
- >>C<< 2. CURTAIN AIR BAG MODULE CONNECTOR CONNECTION
 - HEADLINING (Refer to GROUP 52A, HEADLINING _____).
- 1. NEGATIVE (-) BATTERY CABLE CONNECTION
- >>D<< • POST-INSTALLATION INSPECTION

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SEAT BELTS WITH PRE-TENSIONER

SEAT BELTS WITH PRE-TENSIONER

M15240C41C0862

REMOVAL AND INSTALLATION

⚠ WARNING

- Never attempt to disassemble or repair the seat belt pre-tensioner. If faulty, replace it.
- Be extremely careful when handling the seat belt with pre-tensioner. Do not subject it to shocks, drop it, bring it close to strong magnets or allow contact with water, grease or oil. Always replace it with a new part if any dents, cracks or deformation is found.
- Do not place anything on the seat belt pre-tensioner.
- Do not expose the seat belt pre-tensioner to temperatures over 90 °C (194 °F).
- After operating the seat belt pre-tensioner, replace the seat belt pre-tensioner with a new part.
- Gloves and protective goggles must be worn when handling a seat belt pre-tensioner once it has been used.

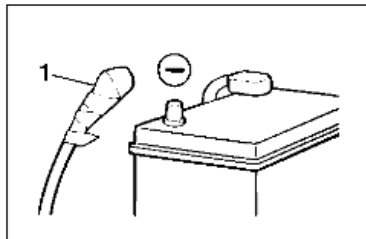
~~• If disposing of a seat belt with pre-tensioner which has not yet been operated, its seat belt pre-tensioner must be operated first before disposal. (Refer to _____).~~

- When removing and installing the front passenger seat, be sure to carry out accuracy check occupant classification sensor after the seat has been installed in the vehicle. (On-vehicle Service _____).

<Added> • Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

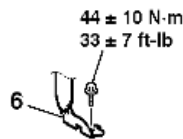
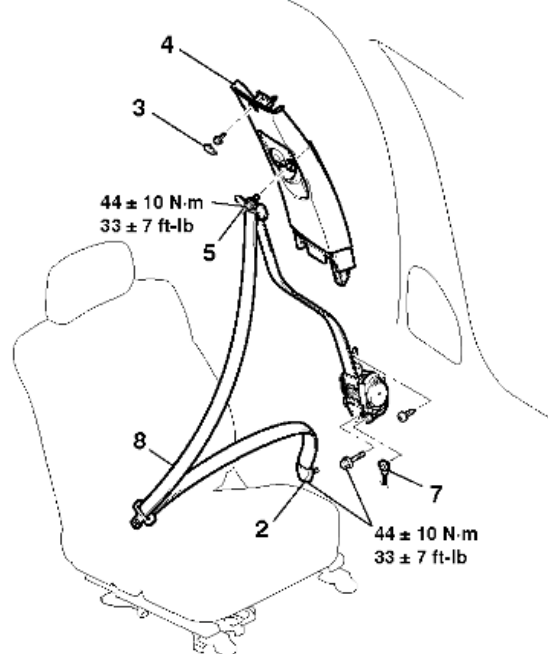
Pre-removal Operation

- Turn the ignition switch to the "LOCK" (OFF) position.



<New>

• An undeployed seat belt with pre-tensioner should only be disposed of in accordance with the procedures (Refer to _____).



AC501493AB

Make the changes shown on pages 38 through 44 to the following:
2012 i-MiEV Service Manual: Group 52B Supplemental Restraint System (SRS)

GROUP 52B

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

CONTENTS

GENERAL INFORMATION	CHECK CHART FOR DIAGNOSTIC TROUBLE CODES
SERVICE PRECAUTIONS	DIAGNOSTIC TROUBLE CODE PROCEDURES <SRS-ECU>
SPECIAL TOOLS	DIAGNOSTIC TROUBLE CODE CHART <Occupant classification-ECU>
TEST EQUIPMENT	DIAGNOSTIC TROUBLE CODE PROCEDURES <OCCUPANT CLASSIFICATION-ECU>
SRS AIR BAG DIAGNOSIS	CHECK CHART FOR TROUBLE SYMPTOMS
DIAGNOSIS TROUBLESHOOTING FLOW	SYMPTOM PROCEDURES
DIAGNOSIS FUNCTION	DATA LIST REFERENCE TABLE
DIAGNOSTIC FUNCTION	ACTUATOR TEST REFERENCE TABLE ..
SRS WARNING LIGHT CHECK	FAIL-SAFE FUNCTION REFERENCE TABLE
PASSENGER'S SEAT BELT WARNING LIGHT CHECK	ACCURACY CHECK OF OCCUPANT CLASSIFICATION SENSOR
PASSENGER'S AIR BAG OFF INDICATOR LIGHT CHECK	<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

on next page

⚠ WARNING

Battery posts, terminals and related accessories contain lead and lead compounds. WASH HANDS AFTER HANDLING.

⚠ WARNING

- Carefully read and observe the information in the SRS SERVICE PRECAUTIONS prior to any service.
- For information concerning diagnosis or maintenance, always observe the procedures in the SRS Diagnosis or the SRS Maintenance sections, respectively.
- If any SRS components are removed or replaced in connection with any service procedures, be sure to follow the procedures in the INDIVIDUAL COMPONENT SERVICE section for the compartments involved.
- If you have any questions about the SRS, please contact the MMNA Tech Line.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SERVICE PRECAUTIONS

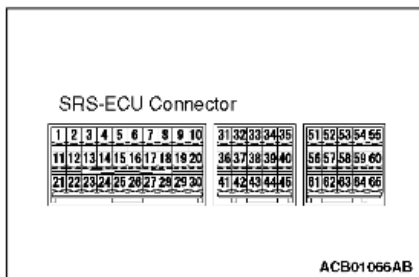
SERVICE PRECAUTIONS

M152400C03C1782

1. In order to avoid injury to yourself or others from accidental deployment of the SRS air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.
2. Be sure to use the tester and special tools specified in this manual (Special tool: refer to _____, tester: refer to _____).
3. Never attempt to repair the following components:
 - SRS-ECU
 - Driver's air bag module
 - Clock spring
 - Passenger's (front) air bag module
 - Curtain air bag module
 - Front seatback frame (with side-airbag module)
 - Seat belt with pre-tensioner
 - Front impact sensor
 - Side impact sensor
4. Never attempt to repair the wiring harness connectors of the SRS. If a defective wiring harness is found, repair or replace it by referring to the table follows.

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



SRS-ECU terminal No.	Destination of wiring harness	Measures
3, 4	Instrument panel wiring harness → Clock spring → Driver's air bag module 2nd squib side	Correct or replace the instrument panel wiring harness. Replace the clock spring.
5, 6	Instrument panel wiring harness → Clock spring → Driver's air bag module 1st squib side	
7, 8	Instrument panel wiring harness → Passenger's (front) air bag module 1st squib side	Correct or replace the instrument panel wiring harness.
9, 10	Instrument panel wiring harness → Passenger's (front) air bag module 2nd squib side	
13	Instrument panel wiring harness → Passenger's air bag OFF indicator light	
16	Floor wiring harness → EV-ECU	
17, 27	Instrument panel wiring harness → Front wiring harness → Front impact sensor (LH)	Correct or replace each wiring harness.
18, 28	Instrument panel wiring harness → Front wiring harness → Front impact sensor (RH)	

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
DRIVER'S AIR BAG MODULE AND CLOCK SPRING

DRIVER'S AIR BAG MODULE AND CLOCK SPRING

REMOVAL AND INSTALLATION

M152404/5C0858

⚠ WARNING

- Never attempt to disassemble or repair the air bag modules or clock spring. If faulty, replace it.
- Do not drop the air bag modules or clock spring or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.
- Do not expose the air bag modules to temperatures over 93°C (199°F).
- After the air bag deployment, replace the air bag module with a new one. Also, check the clock spring, and replace with a new part if there is an abnormality.
- Wear gloves and safety glasses when handling air bags that have already deployed.

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~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~

• An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).

Pre-removal operation

- Electric motor switch the "LOCK" (OFF) position.

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
PASSENGER'S (FRONT) AIR BAG MODULE

PASSENGER'S (FRONT) AIR BAG MODULE

REMOVAL AND INSTALLATION

M152404/3C0342

⚠ WARNING

- Never attempt to disassemble or repair the air bag modules. If faulty, replace it.
- Do not drop the air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- The air bag modules should be stored on a flat surface with the pad cover facing upward. Do not place anything on top of it.
- Do not expose the air bag modules to temperatures over 93°C (199°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

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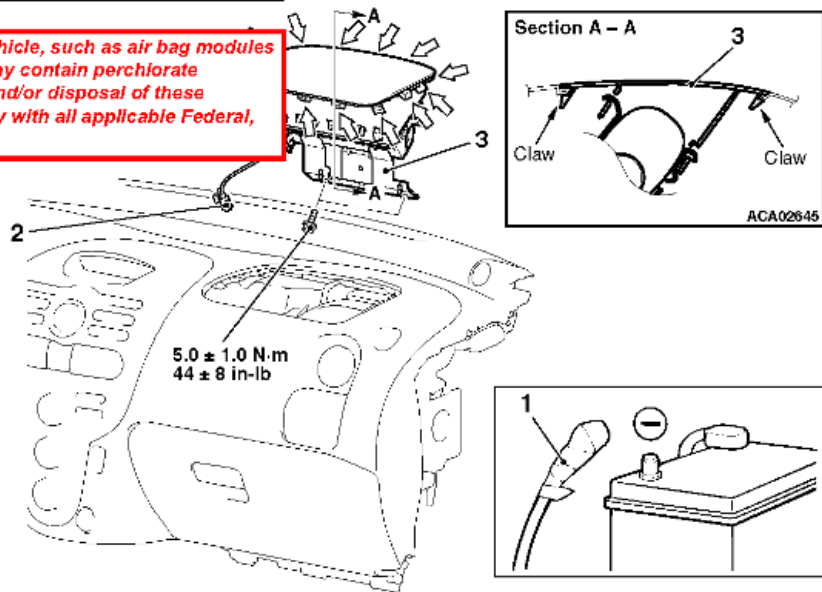
- ~~Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dfgsc.ca.gov/hazardouswaste/perchlorate.~~
- An undeployed air bag module should only be disposed of in accordance with the procedures (Refer to _____).
- When removing and installing the front passenger seat, be sure to carry out accuracy check of the occupant classification sensor after the seat has been installed in the vehicle (On-Vehicle Service _____).

Pre-removal operation

- Electric motor switch the "LOCK" (OFF) position.

<Added>

- Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



Note
↔ : Claw positions

ACA02470AB

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SIDE-AIRBAG MODULE(S)

SIDE-AIRBAG MODULE(S)

REMOVAL AND INSTALLATION

M15240365C0728

⚠ WARNING

- Never attempt to disassemble or repair the side-air bag modules. If faulty, replace it.
- Do not drop the side-air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the side-air bag modules to temperatures over 93°C (199°F).
- After the air bag deployment, replace the air bag module with a new one.
- Wear gloves and safety glasses when handling air bags that have already deployed.

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~~• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate~~

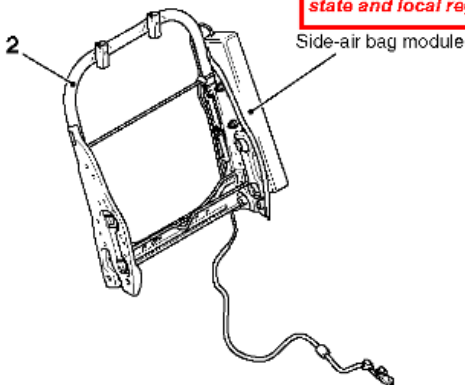
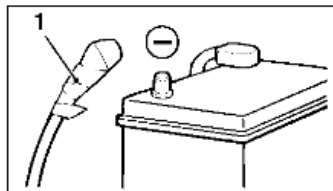
• An undeployed side-air bag module should only be disposed of in accordance with the procedures (Refer to _____).

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

Pre-removal operation

- Electric motor switch to the "ON" position.



ACA03083AB

<<A>>

- Removal step**
1. Negative (-) auxiliary battery cable
 - Front seat assembly (Refer to GROUP 52A – Front Seat Assembly)

<>

2. Front seatback frame (with side-airbag module) (Refer to GROUP 52A – Front Seat Assembly)

>>A<<

- Installation step**
- Pre-installation inspection
 2. Front seatback frame (with side-airbag module) (Refer to GROUP 52A – Front Seat Assembly)
 - Front seat assembly (Refer to GROUP 52A – Front Seat Assembly)

>>B<<

1. Negative (-) auxiliary battery cable
- Post-installation inspection

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
 CURTAIN AIR BAG MODULE(S)

CURTAIN AIR BAG MODULE(S)

REMOVAL AND INSTALLATION

M15240135C01/05

⚠ WARNING

- Never attempt to disassemble or repair the curtain air bag modules. If faulty, replace it.
- Do not drop the curtain air bag modules or allow contact with water, grease or oil. Replace it if a dent, crack, deformation or rust is detected.
- Do not expose the curtain air bag modules to temperatures over 93°C (199°F).
- Wear gloves and safety glasses when handling air bags that have already deployed.

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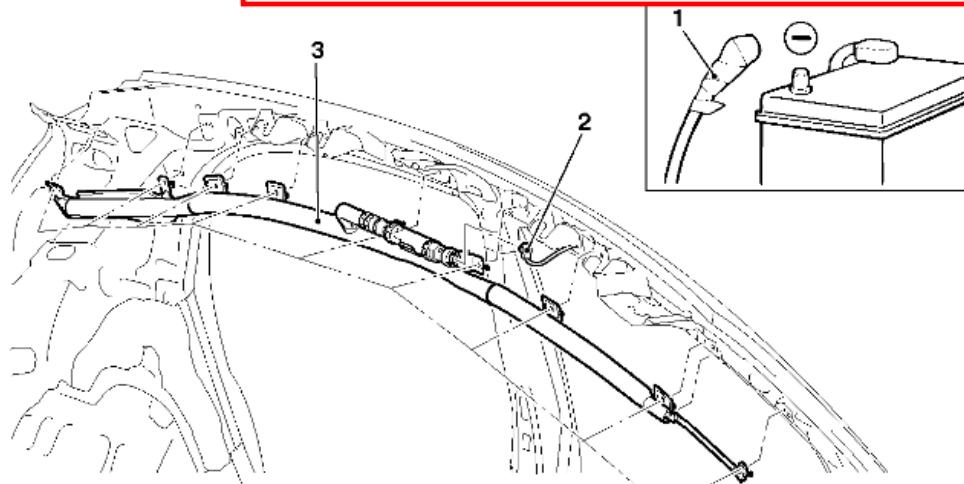
~~• Certain components of this vehicle, such as air bag modules, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate.~~

• An undeployed curtain air bag module should only be disposed of in accordance with the procedures (Refer to _____).

Pre-removal operation

- Electric motor switch to the "LOCK"

• Certain components of this vehicle, such as air bag modules and seat belt pretensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.



10 ± 4 N·m
 89 ± 35 in·lb

ACA02644AB

- <<A>> 1. Negative (-) auxiliary battery cable
 • Headlining (Refer to GROUP 52A – Headlining _____)
- <> 2. Curtain air bag module connector
- <<C>> 3. Curtain air bag module
- Installation steps**
- >>A<< • Pre-installation inspection
- >>B<< 3. Curtain air bag module

- >>C<< 2. Curtain air bag module connector
 • Headlining (Refer to GROUP 52A – Headlining _____)
- >>D<< 1. Negative (-) auxiliary battery cable
 • Post-installation inspection

NOTE: The figure shows the left curtain air bag module.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SEAT BELTS WITH PRE-TENSIONER

SEAT BELTS WITH PRE-TENSIONER

REMOVAL AND INSTALLATION

M15240C4101768

⚠ WARNING

- Never attempt to disassemble or repair the seat belt pre-tensioner. If faulty, replace it.
- Be extremely careful when handling the seat with pre-tensioner. Do not subject it to shocks, drop it, bring it close to strong magnets or allow contact with water, grease or oil. Always replace it with a new part if any dents, cracks or deformation is found.
- Do not place anything on the seat belt pre-tensioner.
- Do not expose the seat belt pre-tensioner to temperatures over 90 °C (194 °F).
- After operating the seat belt pre-tensioner, replace the seat belt pre-tensioner with a new part.
- Gloves and protective goggles must be worn when handling a seat belt pre-tensioner once it has been used.

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~~• Certain components of this vehicle, such as seat belt pre-tensioners, may contain perchlorate materials. Special handling may apply. For additional information, see www.dtsc.ca.gov/hazardouswaste/perchlorate~~

~~• If disposing of a seat belt with pre-tensioner which has not yet been operated, its seat belt pre-tensioner must be operated first before disposal. (Refer to _____)~~

<Old>

Pre-removal operation

- Electric motor switch to the "LOCK" (OFF) position.

<Added>

• Certain components of this vehicle, such as air bag modules and seat belt pre-tensioners, may contain perchlorate materials. Before deployment and/or disposal of these components, review and comply with all applicable Federal, state and local regulations.

<New>

• An undeployed seat belt with pre-tensioner should only be disposed of in accordance with the procedures (Refer to _____).