

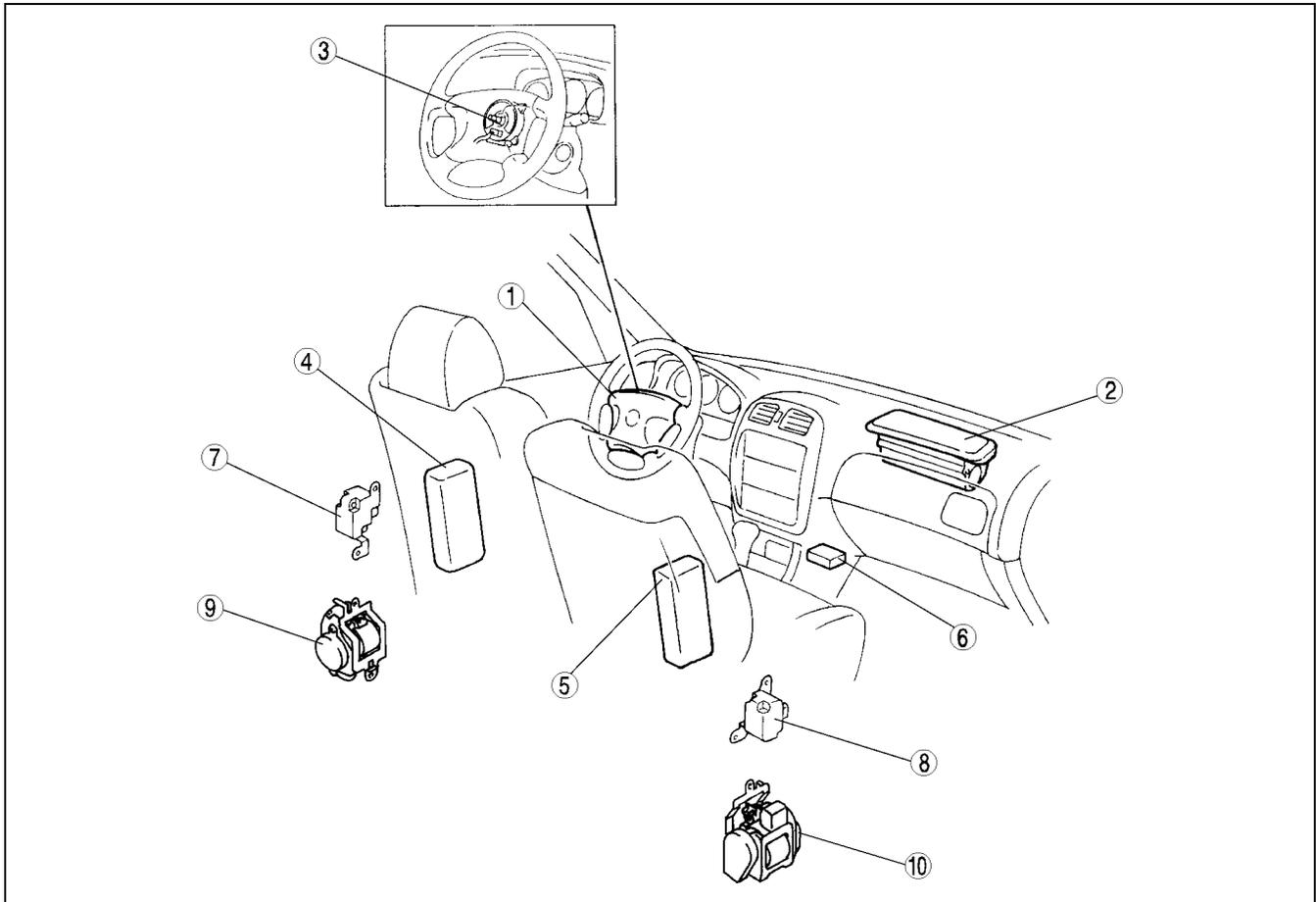
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AIR BAG SYSTEM

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A3U081001046W01



Z3U0810W007

1	Driver-side air bag module (See 08-10-5 DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION)
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4	Driver-side side air bag module (See 08-10-7 SIDE AIR BAG MODULE REMOVAL/INSTALLATION)
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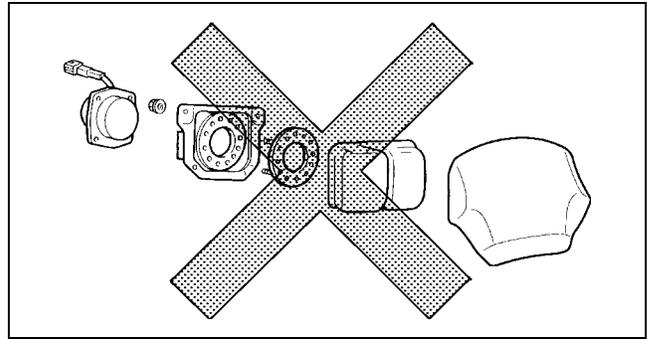
AIR BAG SYSTEM

AIR BAG SYSTEM SERVICE WARNINGS

A3U081001046W02

Component Disassembly

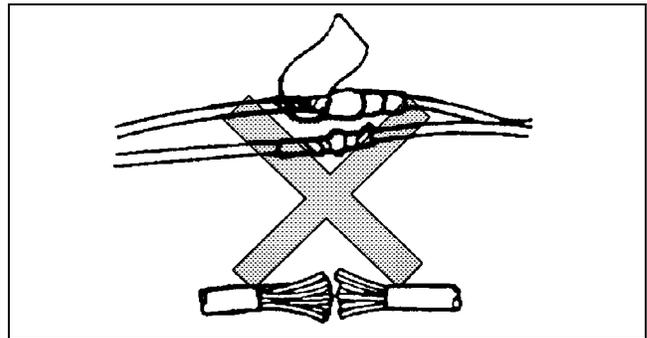
- Disassembling and reassembling the components of the air bag system can render the system inoperative, which may result in serious injury or death in the event of an accident. Do not disassemble any air bag system component.



YDE81301200

Wiring Harness Repair

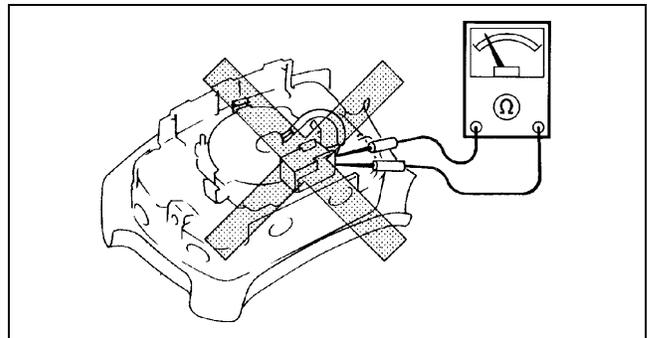
- Incorrectly repairing an air bag system wiring harness can accidentally deploy the air bag module or pre-tensioner seat belt, which can cause serious injury. If a problem is found in the system wiring, replace the wiring harness. Do not try to repair it.



YDE81301201

Air Bag Module Inspection

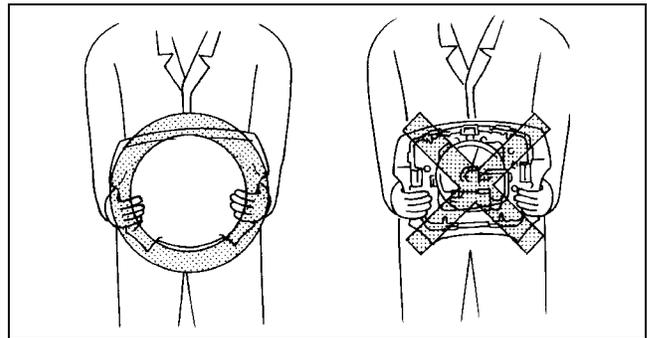
- Inspecting an air bag module using an ohmmeter can deploy the air bag module, which may cause serious injury. Do not use an ohmmeter to inspect an air bag module. Always use the on-board diagnostic function to diagnose the air bag module for malfunctions. (See 08-02-2 FOREWORD.)



X3U810WA2

Air Bag Module Handling

- A live (undeployed) air bag module may accidentally deploy when it is handled and cause serious injury. When carrying a live (undeployed) air bag module, point the front surface away from your body to lessen the chance of injury in case it deploys.

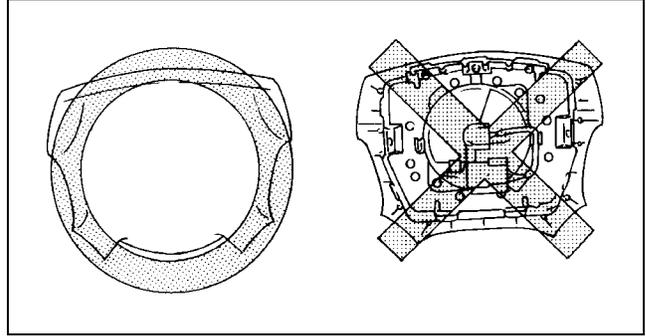


YDE81301004

08-10

AIR BAG SYSTEM

- A live (undeployed) air bag module placed face down on a surface is dangerous. If the air bag module deploys, the motion of the module can cause serious injury. Always face the front surface up to reduce the motion of the module in case it accidentally deploys.



YDE81301005

Side Air Bag Module Handling

- When the side air bag module deploys due to a collision, the interior of the seat back (pad, frame, etc.) may become damaged. If the seat back is reused and the side air bag module does not deploy properly, a serious accident may result. When the side air bag module deploys, always replace both the side air bag module and the seat back (pad, frame, trim) with new parts. After service, confirm that the seat operates normally and that the harness is positioned properly.

SAS Control Module Handling

- Disconnecting the SAS control module connector or removing the SAS control module with the ignition switch at ON position can cause the air bag modules to deploy, which may seriously injure you. Before disconnecting the SAS control module connector or removing the SAS control module, turn the ignition switch to LOCK position, then disconnect the negative battery cable and wait for more than 1 minute to allow the backup power supply of the SAS control module to deplete its stored power.
- Connecting the SAS control module connector without firmly installing the SAS control module to the vehicle is dangerous. The crash sensor inside the control module may send an electrical signal to the air bag modules. This will deploy the air bag modules, which may result in serious injury. Therefore, before connecting the connector, firmly mount the control module to the vehicle.
- For vehicles with a single point sensor, once an air bag module is deployed due to an accident or other causes, the SAS control module must be replaced with a new one even if the used one does not have any external signs of damage. The used SAS control module may have been damaged internally which may cause improper operation, resulting in major injuries or even death. The used single point SAS control module cannot be bench-checked or self-checked.

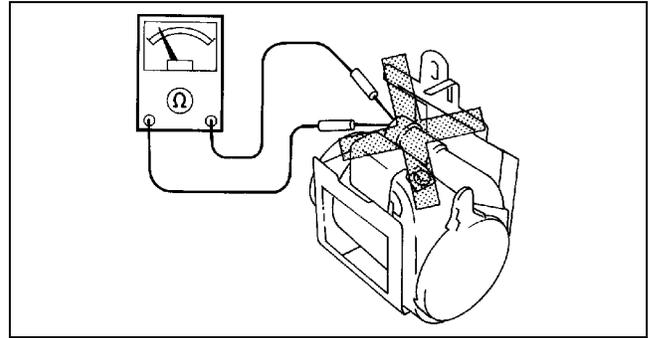
Side Air Bag Sensor Handling

- Disconnecting the side air bag sensor connector or removing the side air bag sensor with the ignition switch at ON position can cause the side air bag sensor to operate and the side air bag module to deploy, which may seriously injure you. Before disconnecting the side air bag sensor connector or removing the side air bag sensor, always turn the ignition switch to LOCK position, then disconnect the negative battery cable and wait for more than 1 minute to allow the backup power supply of the SAS control module to deplete its stored power.
- If the side air bag sensor is subjected to shock or the sensor is disassembled, the side air bag module may operate (deploy) suddenly and cause injury, or it may fail to operate normally and cause a serious accident. Do not subject the side air bag sensor to shock or disassemble the sensor.
- Because a sensor is built into the side air bag sensor, when the side air bag module operates (deploys), there may be a problem, such as an internal malfunction, even if there is not any external damage or deformation. If the side air bag sensor is reused, the side air bag module may fail to operate normally and cause a serious injury. Always replace the side air bag sensor with a new part. The side air bag sensor cannot be bench-checked or self-checked.

AIR BAG SYSTEM

Pre-tensioner Seat Belt Inspection

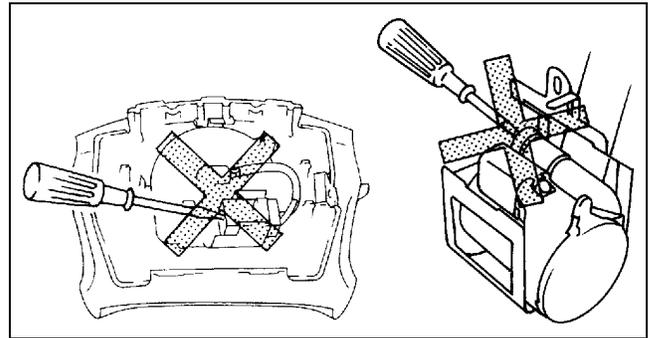
- Inspecting a pre-tensioner seat belt using an ohmmeter can deploy the pre-tensioner seat belt, which can cause serious injury. Do not use an ohmmeter to inspect the pre-tensioner seat belt. Always use the on-board diagnostic to diagnose the pre-tensioner seat belt for malfunctions.



Z3U0810W003

Component Handling

- Oil, grease, water, etc. on components may cause the air bag modules and pre-tensioner seat belt to fail to deploy in an accident, which may cause serious injury. Do not allow oil, grease, water, etc., on components.
- Inserting a screwdriver, etc. into the connector of an air bag module or a pre-tensioner seat belt may damage the connector and cause the air bag module to deploy improperly, which may cause serious injury. Do not insert any foreign objects into the connector.



Z3U0810W004

08-10

Component Reuse

- Even if an air bag module or a pre-tensioner seat belt does not deploy in a collision and does not have any external signs of damage, it may have been damaged internally, which may cause improper operation. Improper operation may cause serious injury. Always self-check the undamaged air bag module or pre-tensioner seat belt to determine whether it can be reused. (See 08-02-2 FOREWORD.)

DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION

A3U081057010W01

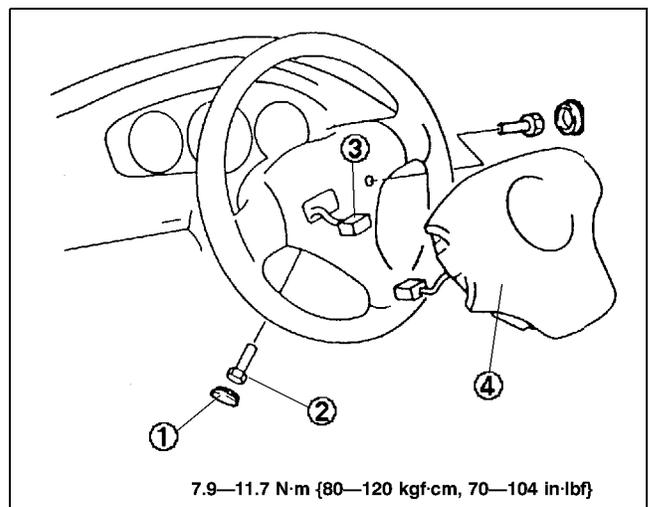
Warning

- Handling the air bag module improperly can accidentally deploy the air bag module, which may seriously injure you. Read AIR BAG SYSTEM SERVICE WARNINGS before handling the air bag module. (See 08-10-3 AIR BAG SYSTEM SERVICE WARNINGS.)

- Turn the ignition switch to LOCK position.
- Disconnect the negative battery cable and wait for **more than 1 minute**.
- Remove in the order indicated in the table.

1	Cover
2	Bolt
3	Connector (See 08-10-6 Connector Installation Note)
4	Driver-side air bag module

- Install in the reverse order of removal.
- Turn the ignition switch to ON position.
- Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.
 - If the air bag system warning light does not operate in the manner described above, there are malfunctions in the system. Inspect the system using the on-board diagnostic function. (See 08-02-2 FOREWORD.)

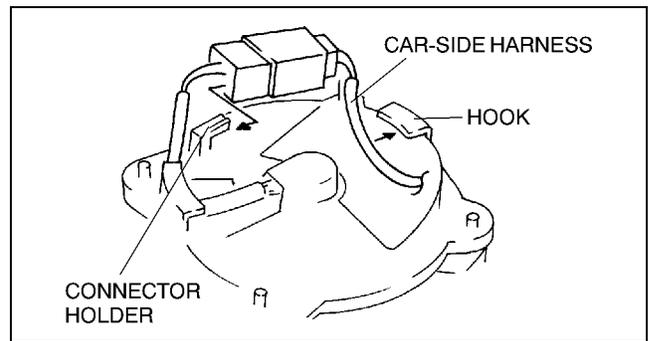


A3U0810W101

AIR BAG SYSTEM

Connector Installation Note

1. Install the connector and secure the car-side harness onto the hook as shown in the figure.



A3U0810W002

PASSENGER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION

A3U081057050W01

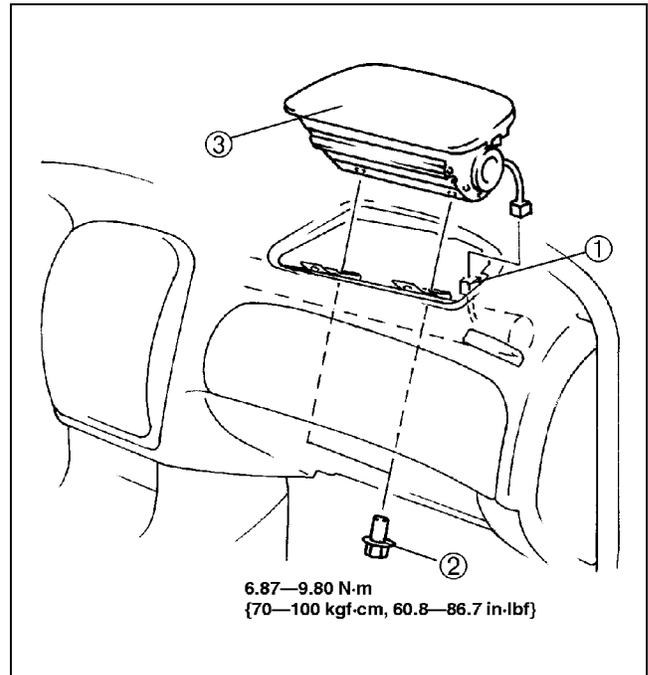
Warning

- Handling the air bag module improperly can accidentally deploy the air bag module, which may seriously injure you. Read AIR BAG SYSTEM SERVICE WARNINGS before handling the air bag module. (See 08-10-3 AIR BAG SYSTEM SERVICE WARNINGS.)

1. Turn the ignition switch to LOCK position.
2. Disconnect the negative battery cable and wait for **more than 1 minute**.
3. Remove the glove compartment.
4. Remove in the order indicated in the table.

1	Connector (See 08-10-6 Connector Installation Note)
2	Bolt
3	Passenger-side air bag module

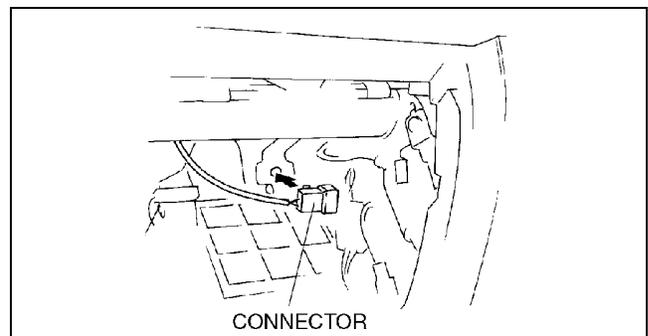
5. Install in the reverse order of removal.
6. Turn the ignition switch to ON position.
7. Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.
 - If the air bag system warning light does not operate in the manner described above, there are malfunctions in the system. Inspect the system using the on-board diagnostic function. (See 08-02-2 FOREWORD.)



X3U810WAA

Connector Installation Note

1. Install the connector as shown in the figure.



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AIR BAG SYSTEM

SIDE AIR BAG MODULE REMOVAL/INSTALLATION

A3U081000147W01

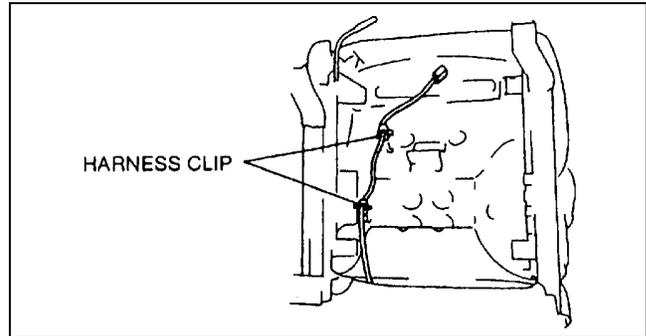
Warning

- Handling the air bag module improperly can accidentally deploy the air bag module, which may seriously injure you. Read AIR BAG SYSTEM SERVICE WARNINGS before handling the air bag module. (See 08-10-3 AIR BAG SYSTEM SERVICE WARNINGS.)

Warning

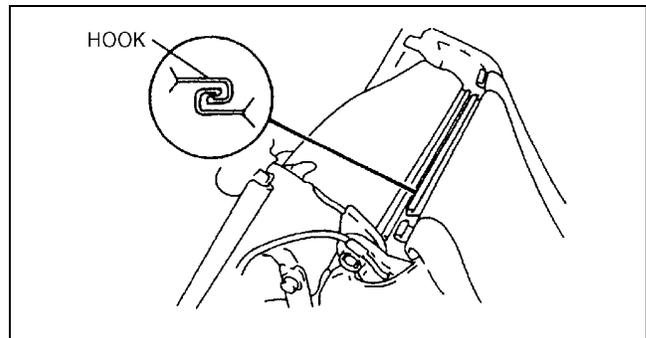
- If the side air bag module is installed with a foreign body in the seat back, the debris may be scattered when the side air bag module operates (deploys), causing injury. Verify that there is no foreign body in the seat back before installing the side air bag module.

1. Remove the front seat. (See 09-13-1 FRONT SEAT REMOVAL/INSTALLATION.)
2. Remove the harness clips.



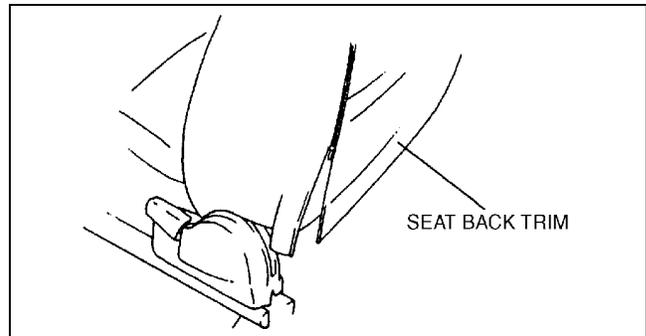
Y3U810WA2

3. Undo the hook on the seat back cushion.



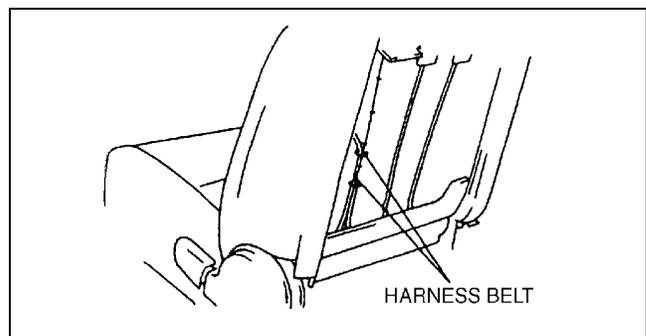
Y3U810WA3

4. Unzip the seat back trim.



Y3U810WA4

5. Remove the harness belts.

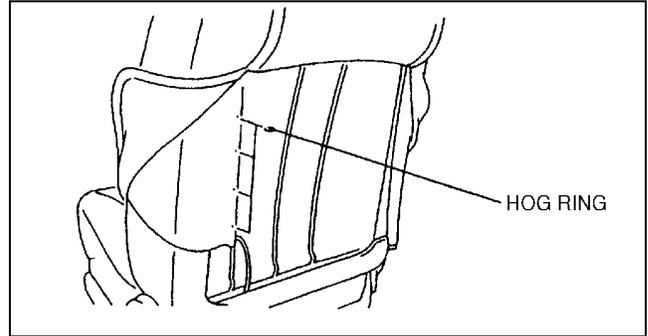


Y3U810WA5

08-10

AIR BAG SYSTEM

6. Remove the hog rings.
7. Turn over the seat back cushion.

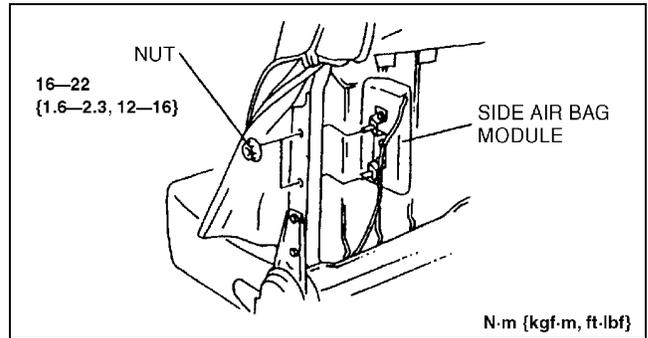


Y3U810WA6

8. Remove the nuts to remove the side air bag module.

Warning

- If the air bag harness is not secured at the marked point or the harness is caught, the side air bag module may fail to operate (deploy) in an accident, causing a serious accident. Be sure to secure the air bag harness at the marked point, and make sure the harness is not caught during operation of the seat.



Y3U810WA7

9. Install in the reverse order of removal.
10. Turn the ignition switch to ON position.
11. Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.
 - If the air bag system warning light does not operate in the manner described above, there are malfunctions in the system. Inspect the system using the on-board diagnostic function. (See 08-02-2 FOREWORD.)

CLOCK SPRING ADJUSTMENT

A3U081066123W01

Note

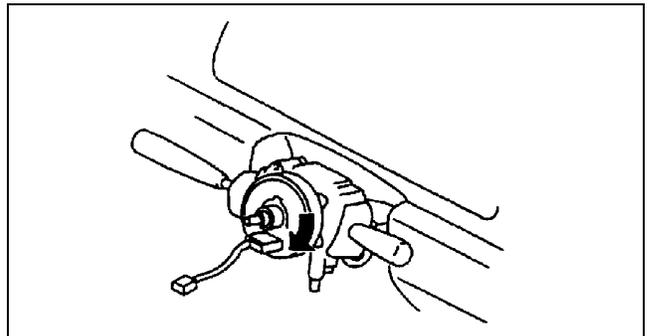
- The adjustment procedure is also specified on the caution label of the clock spring.

1. Set the front wheels straight ahead.

Caution

- The clock spring will break if over-wound. Do not forcibly turn the clock spring when turning it.

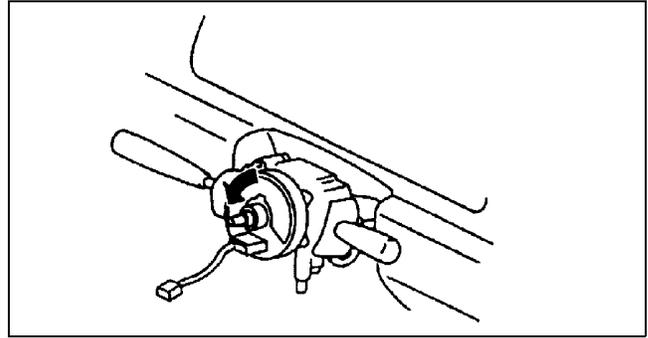
2. Turn the clock spring clockwise until it stops.



X3U810WAF

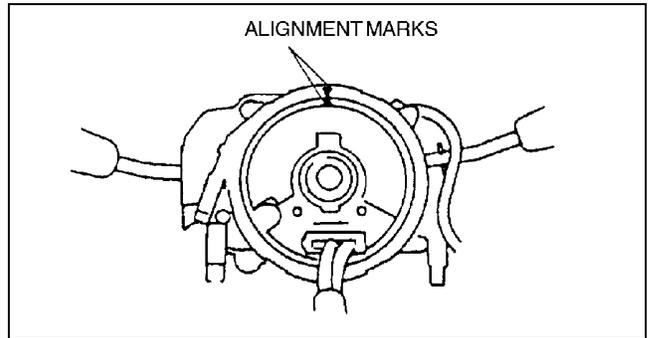
AIR BAG SYSTEM

- Turn the clock spring counterclockwise **2 3/4 turns**.



X3U810WAG

- Align the mark on the clock spring with the mark on the outer housing.



X3U810WAH

CLOCK SPRING REMOVAL/INSTALLATION

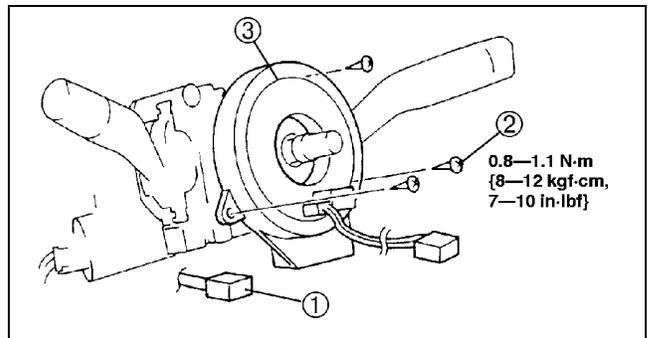
A3U081066123W02

08-10

- Disconnect the negative battery cable.
- Remove the driver-side air bag module. (See 08-10-5 DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
- Remove the steering wheel. (See 06-12-6 STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION.)
- Remove the column cover.
- Remove in the order indicated in the table.

1	Connector
2	Screw
3	Clock spring

- Install in the reverse order of removal.



X3U810WAE

AIR BAG SYSTEM

CLOCK SPRING INSPECTION

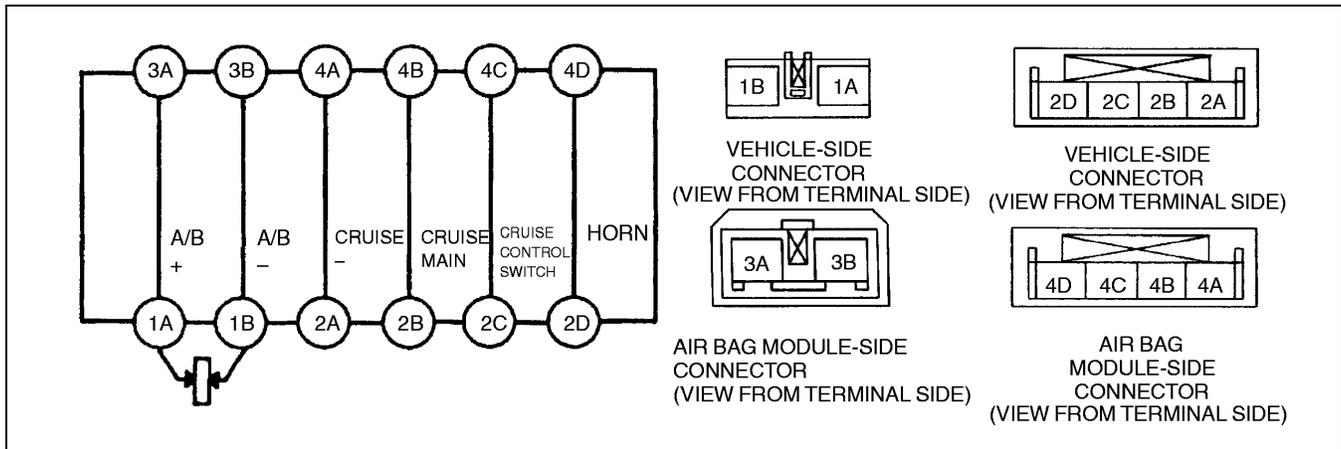
A3U081066123W03

1. Remove the clock spring. (See 08-10-9 CLOCK SPRING REMOVAL/INSTALLATION.)
2. Inspect for continuity between the clock spring terminals using an ohmmeter.
 - If not as specified, replace the clock spring.

○—○ : Continuity

Test condition	Terminal											
	1A	1B	2A	2B	2C	2D	3A	3B	4A	4B	4C	4D
Constant	○	○					○	○				
			○						○			
				○						○		
					○						○	
						○						○

Y3U810WAJ



Y3U810WAJ

Note

- When the vehicle-side connector of clock spring is disconnected, the terminals 1A and 1B are shorted to prevent unexpected deployment of the air bag module. When it is connected, the terminals are open.

SIDE AIR BAG SENSOR REMOVAL/INSTALLATION

A3U081000146W01

Warning

- Handling the side air bag sensor improperly can accidentally deploy the side air bag module, which may seriously injure you. Read AIR BAG SYSTEM SERVICE WARNINGS before handling the side air bag sensor. (See 08-10-3 AIR BAG SYSTEM SERVICE WARNINGS.)

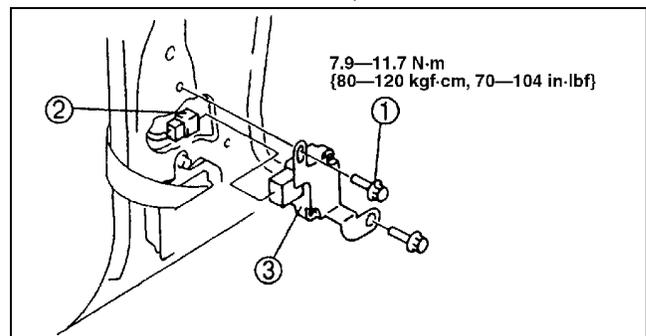
1. Turn the ignition switch to LOCK position.
2. Disconnect the negative battery cable and wait for **more than 1 minute**.
3. Remove the B-pillar lower trim. (See 09-17-10 B-PILLAR LOWER TRIM REMOVAL.)
4. Remove in the order indicated in the table.

1	Bolt
2	Connector (See 08-10-11 Connector Removal Note) (See 08-10-11 Connector Installation Note)
3	Side air bag sensor

5. Install in the reverse order of removal.

Note

- When a new side air bag sensor has been installed, perform the air bag module deployment authorization procedure. (See 08-10-13 AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT AUTHORIZATION PROCEDURES.)



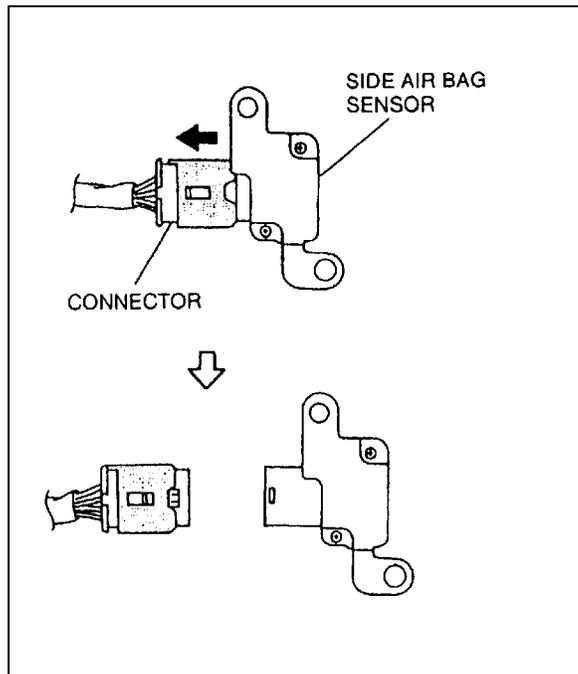
Y3U810WA9

AIR BAG SYSTEM

6. Turn the ignition switch to ON position.
7. Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.
 - If the air bag system warning light does not operate in the manner described above, there are malfunctions in the system. Inspect the system using the on-board diagnostic function. (See 08-02-2 FOREWORD.)

Connector Removal Note

1. Slide the connector cover toward the harness and then disconnect the connector from the side air bag sensor.

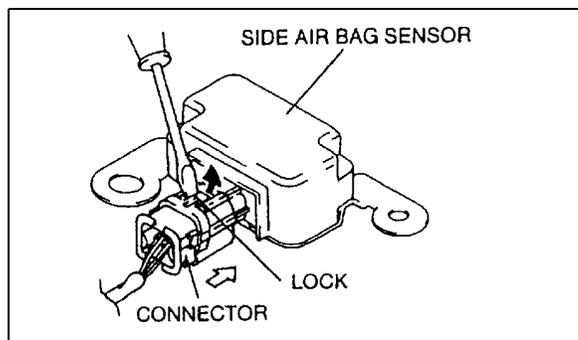


Y3U810WAA

08-10

Connector Installation Note

1. Attach the connector to the side air bag sensor.
2. Connect the connector by attaching it to the side air bag sensor while lifting up the lock on the connector with a flathead screwdriver.



Y3U810WAB

AIR BAG SYSTEM

SAS CONTROL MODULE REMOVAL/INSTALLATION

A3U081057030W01

Warning

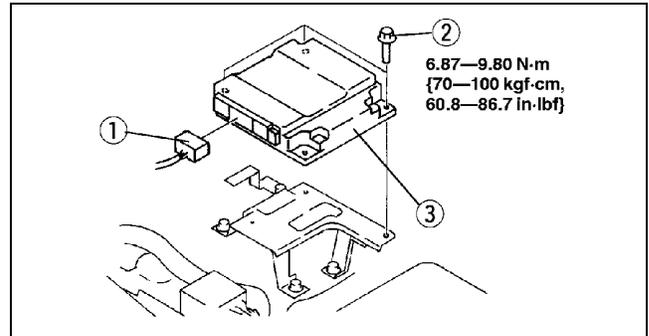
- Handling the SAS control module improperly can accidentally deploy the air bag modules, which may seriously injure you. Read AIR BAG SYSTEM SERVICE WARNINGS before handling the SAS control module. (See 08-10-3 AIR BAG SYSTEM SERVICE WARNINGS.)

1. Turn the ignition switch to LOCK position.
2. Disconnect the negative battery cable and wait for **more than 1 minute**.
3. Remove the side walls.
4. Remove in the order indicated in the table.

1	Connector
2	Bolt
3	SAS control module

5. Install in the reverse order of removal.
6. Turn the ignition switch to ON position.
7. Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.

- If the air bag system warning light does not operate in the manner described above, there are malfunctions in the system. Inspect the system using the on-board diagnostic function. (See 08-02-2 FOREWORD.)



X3U810WAC

Note

- When a new SAS control module has been installed, the air bag system warning light flashes continuously if there aren't any malfunctions in the system. Perform the air bag module deployment authorization procedure. (See 08-10-13 AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT AUTHORIZATION PROCEDURES.)

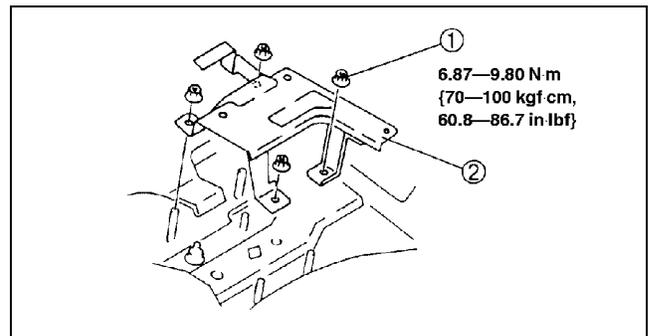
SAS CONTROL MODULE BRACKET REMOVAL/INSTALLATION

A3U081057030W02

1. Remove the SAS control module. (See 08-10-12 SAS CONTROL MODULE REMOVAL/INSTALLATION.)
2. Remove in the order indicated in the table.

1	Nut
2	SAS control module bracket

3. Install in the reverse order of removal.



X3U810WAD

AIR BAG SYSTEM

AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT AUTHORIZATION PROCEDURES

A3U081057000W01

Note

- When replacing both the SAS control module and side air bag sensor together, perform only “After Replacing SAS Control Module”

After Replacing SAS Control Module

1. Install a new SAS control module.
 - (1) Turn the ignition switch to ON position.
 - (2) Verify that the air bag system warning light illuminates for **approximately 6 seconds**, goes off, and then flashes continuously.
 - If the air bag system warning light does not flash continuously and indicates a DTC, inspect the system using the on-board diagnostic function. (See 08–02–2 FOREWORD.) When the malfunctions have been repaired and the air bag system warning light flashes continuously, turn the ignition switch to LOCK position. Wait for **approximately 1 second or more** and then turn the ignition switch back to ON position.
 - If the air bag system warning light flashes continuously, turn the ignition switch to LOCK position. Wait for **approximately 1 second or more** and then turn the ignition switch back to ON position.
2. Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.
 - If the light stays on, perform the deployment authorization procedure again.

After Replacing Side Air Bag Sensor

1. Install a new side air bag sensor.
2. Turn the ignition switch to ON position.
3. Verify that the air bag system warning light illuminates for **approximately 6 seconds** and then goes off.
 - If the light stays on, perform the deployment authorization procedure again.

08–10

AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT PROCEDURES

A3U081057000W02

Warning

- **A live (undeployed) air bag module and pre-tensioner seat belt may accidentally deploy when it is disposed of and cause serious injury. Do not dispose of a live (undeployed) air bag module. If the SSTs (Deployment tool and Adapter harness) are not available, consult the nearest Mazda representative for assistance.**

Caution

- **Deploying the air bag modules inside the vehicle may cause damage to the vehicle interior. When the vehicle is not to be scrapped, always deploy the air bag modules and pre-tensioner seat belts outside the vehicle.**
- When the vehicle is to be scrapped, deploy the air bag modules and pre-tensioner seat belts inside the vehicle. (See 08–10–13 Deployment Procedure for Inside of Vehicle.)
- When the vehicle is not to be scrapped, deploy the air bag modules and pre-tensioner seat belts outside the vehicle. (See 08–10–16 Deployment Procedure for Outside of Vehicle.)

Note

- When disposing of a deployed air bag module, refer to air bag module and pre-tensioner seat belt disposal procedure. (See 08–10–23 AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DISPOSAL PROCEDURES.)

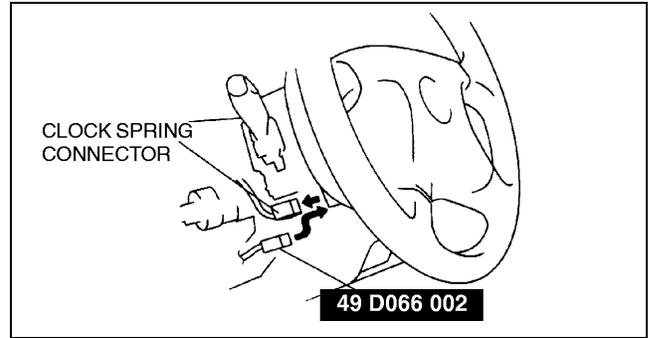
Deployment Procedure for Inside of Vehicle

1. Inspect the **SST** (Deployment tool). (See 08–10–24 INSPECTION OF SST (DEPLOYMENT TOOL).)
2. Move the vehicle to an open space, away from strong winds, and close all of the vehicle's doors and windows.
3. Turn the ignition switch to LOCK position.
4. Disconnect the negative battery cable and wait for **more than 1 minute**.
5. Follow the appropriate procedure for deploying the driver-side air bag module, passenger-side air bag module, or side air bag module.

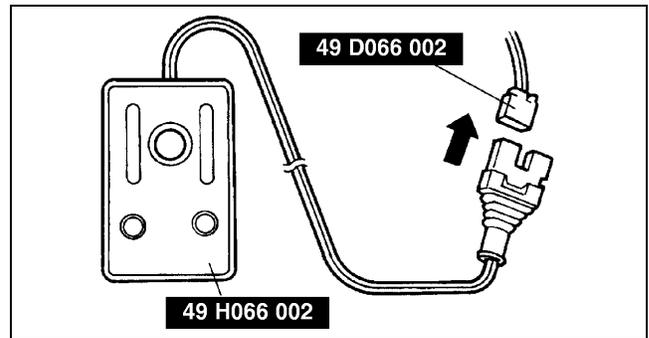
AIR BAG SYSTEM

Driver-side air bag module

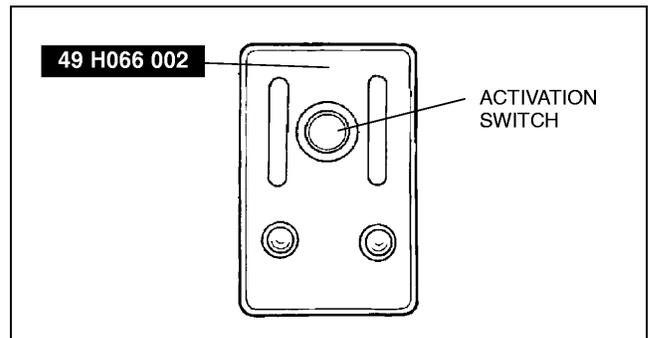
1. Remove the column cover.
2. Disconnect the clock spring connector.
3. Connect the **SST** (Adapter harness) to the clock spring as shown in the figure.



4. Connect the **SST** (Deployment tool) to the **SST** (Adapter harness).
5. Connect the red clip of the **SST** (Deployment tool) to the positive battery terminal and the black clip to the negative battery terminal.
6. Verify that the red light on the **SST** (Deployment tool) is illuminated.
7. Make sure all persons are standing **at least 6 m {20 ft}** away from the vehicle.

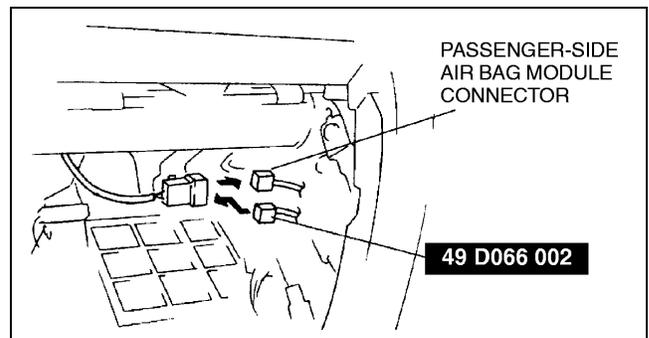


8. Press the activation switch on the **SST** (Deployment tool) to deploy the driver-side air bag module.



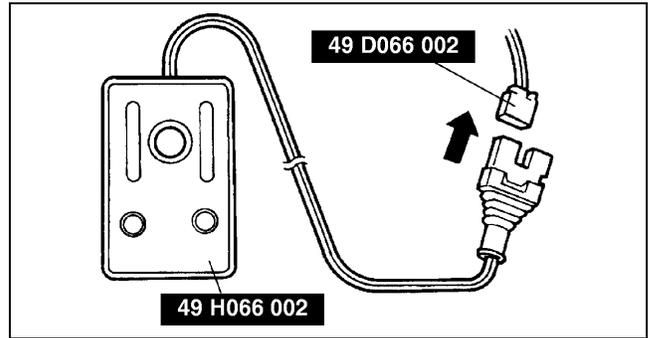
Passenger-side air bag module

1. Remove the glove compartment.
2. Disconnect the passenger-side air bag module connector.
3. Connect the **SST** (Adapter harness) to the passenger-side air bag module as shown in the figure.

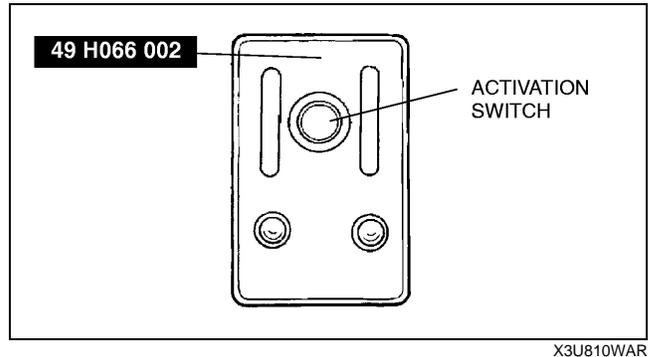


AIR BAG SYSTEM

4. Connect the **SST** (Deployment tool) to the **SST** (Adapter harness).
5. Connect the red clip of the **SST** (Deployment tool) to the positive battery terminal and the black clip to the negative battery terminal.
6. Verify that the red light on the **SST** (Deployment tool) is illuminated.
7. Make sure all persons are standing **at least 6 m {20 ft}** away from the vehicle.

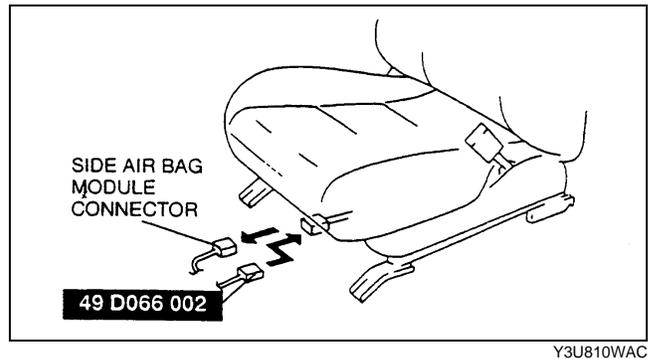


8. Press the activation switch on the **SST** (Deployment tool) to deploy the passenger-side air bag module.

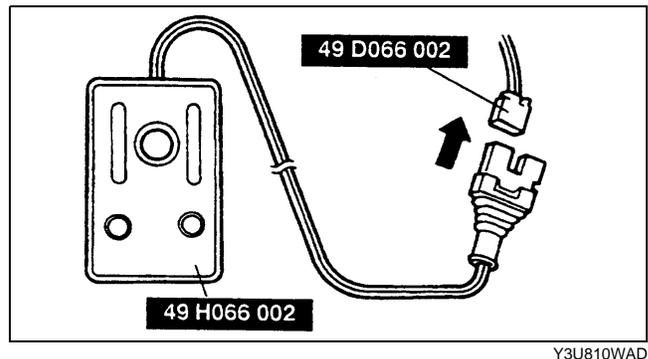


Side air bag module

1. Disconnect the side air bag module connector.
2. Connect the **SST** (Adapter harness) to the side air bag module.

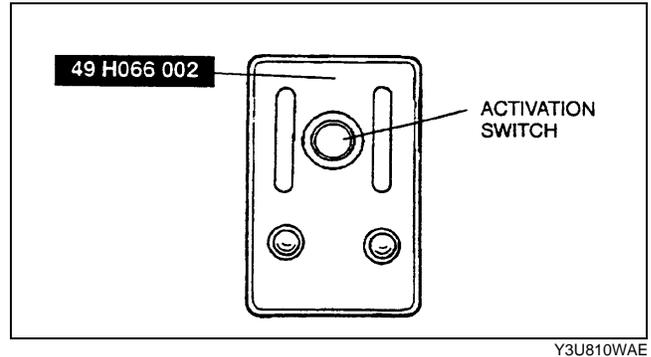


3. Connect the **SST** (Deployment tool) to the **SST** (Adapter harness).
4. Connect the red clip of the **SST** (Deployment tool) to the positive battery terminal and the black clip to the negative battery terminal.
5. Verify that the red light on the **SST** (Deployment tool) is illuminated.
6. Make sure all persons are standing **at least 6 m {20ft}** from the vehicle.



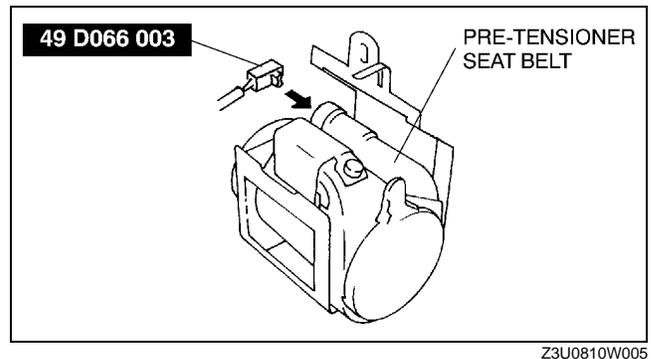
AIR BAG SYSTEM

7. Press the activation switch on the **SST** (Deployment tool) to deploy the side air bag module.

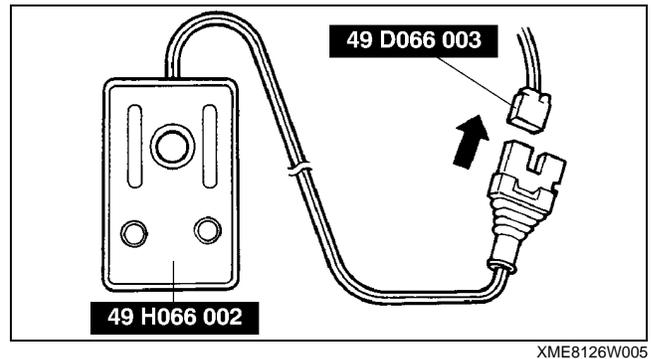


Pre-tensioner seat belt

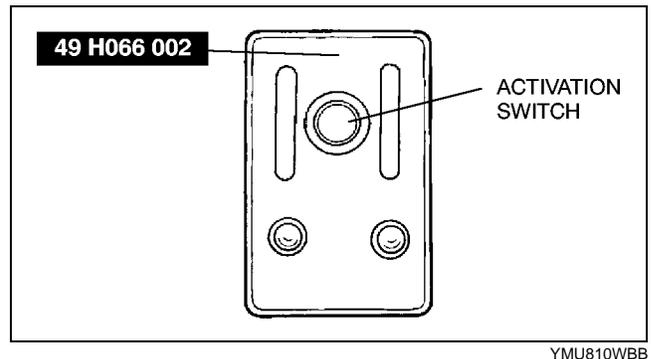
1. Remove the B-pillar lower trim.
2. Remove the pre-tensioner seat belt and connect the **SST** (49 D066 003) to it as shown in the figure.
3. Install the pre-tensioner seat belt.



4. Connect the **SST** (49 H066 002) to the **SST** (49 D066 003).
5. Connect the red clip of the **SST** (49 H066 002) to the positive battery terminal and the black clip to the negative battery terminal.
6. Verify that the red light on the **SST** (49 H066 002) is illuminated.
7. Make sure all persons are standing **at least 6 m {20 ft}** from the vehicle.



8. Press the activation switch on the **SST** (49 H066 002) to deploy the pre-tensioner seat belt.



Deployment Procedure for Outside of Vehicle

1. Inspect the **SST** (Deployment tool). (See 08-10-24 INSPECTION OF SST (DEPLOYMENT TOOL).)
2. Turn the ignition switch to LOCK position.
3. Disconnect the negative battery cable and wait for **more than 1 minute**.
4. Follow the appropriate procedure for deploying the driver-side air bag module, passenger-side air bag module, or side air bag module.

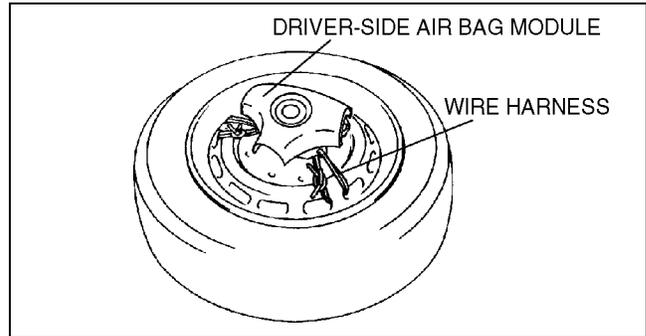
AIR BAG SYSTEM

Driver-side air bag module

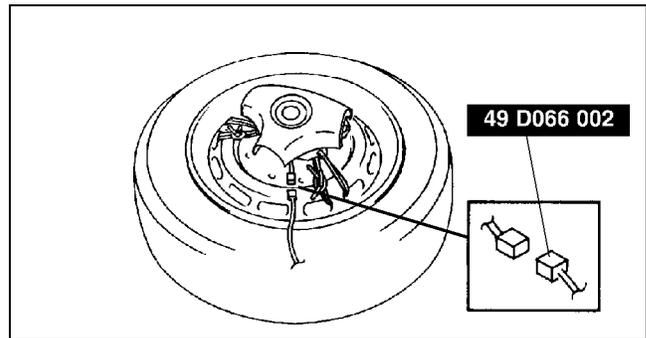
1. Remove the driver-side air bag module. (See 08-10-5 DRIVER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
2. Place the driver-side air bag module on the center of the wheel with the module facing up. See the illustration below.
 - To secure the air bag module to the wheel, wrap the wire harness through the wheel and the bolt installation hole **at least 4 times**.

Warning

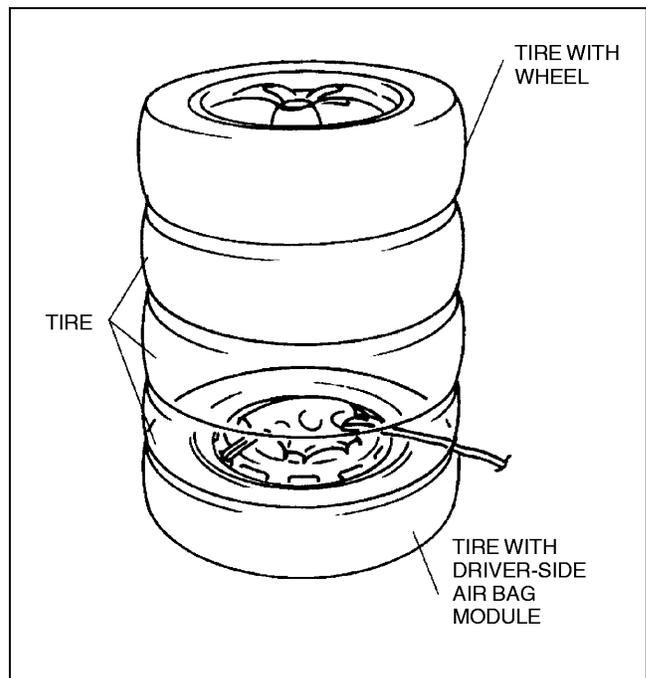
- **If the air bag module is not properly installed to the wheel, serious injury may occur when the module is deployed. When installing the air bag module to the wheel, make sure the module is facing up.**



3. Connect the **SST** (Adapter harness) to the driver-side air bag module as shown in the figure.



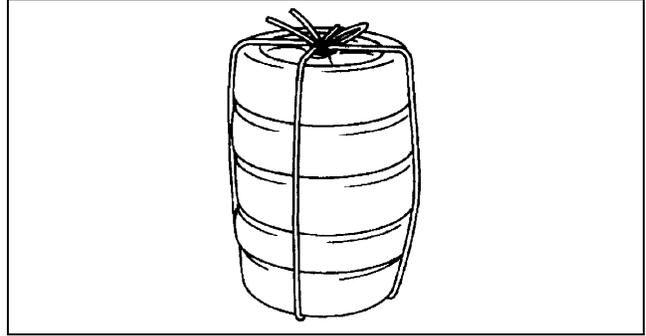
4. Stack 3 tires on top of the tire with the air bag module. Stack another tire that has a wheel on top of the 4 tires.



08-10

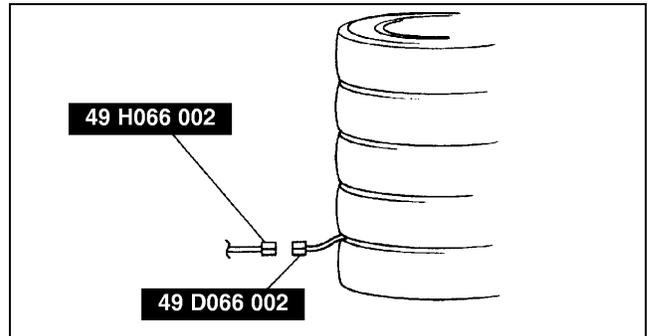
AIR BAG SYSTEM

5. Tie all tires together with wire.



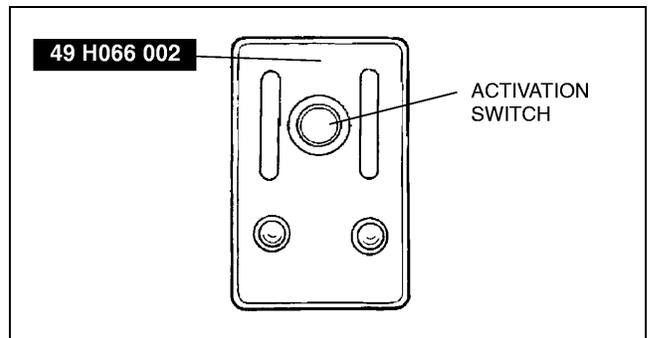
X3U810WAX

6. Connect the **SST** (Deployment tool) to the **SST** (Adapter harness).
7. Connect the red clip of the **SST** (Deployment tool) to the positive battery terminal and the black clip to the negative battery terminal.
8. Verify that the red light on the **SST** (Deployment tool) is illuminated.
9. Make sure all persons are standing **at least 6 m {20 ft}** away from the tires.



X3U810WAY

10. Press the activation switch on the **SST** (Deployment tool) to deploy the driver-side air bag module.



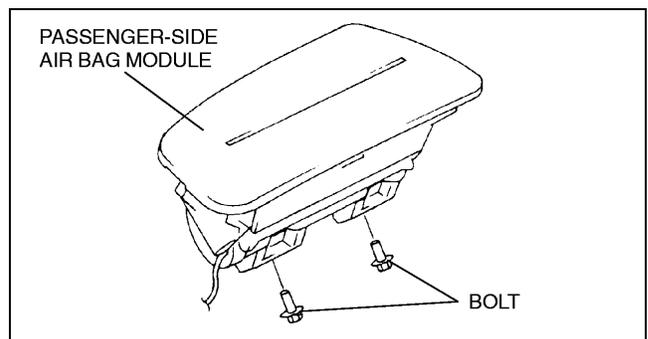
X3U810WAZ

Passenger-side air bag module

1. Remove the passenger-side air bag module. (See 08-10-6 PASSENGER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
2. Install the bolts to the passenger-side air bag module.

Warning

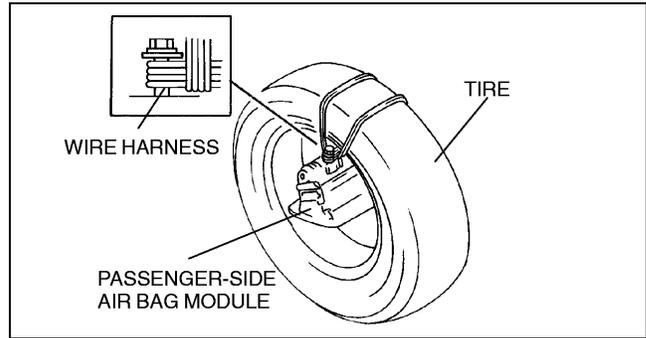
- If the air bag module is not properly installed to the tire, serious injury may occur when the module is deployed. When installing the air bag module to the tire, make sure the module is facing the center of the tire.



X3U810WB0

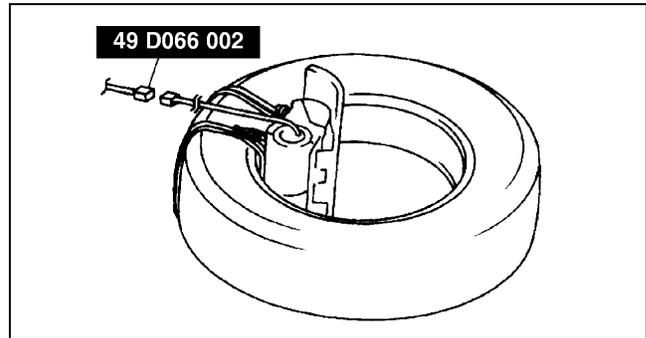
AIR BAG SYSTEM

3. Tie the passenger-side air bag module to a tire with the module facing the center of the tire. Wrap the wire harness through the tire and around the bolts **at least four times**.



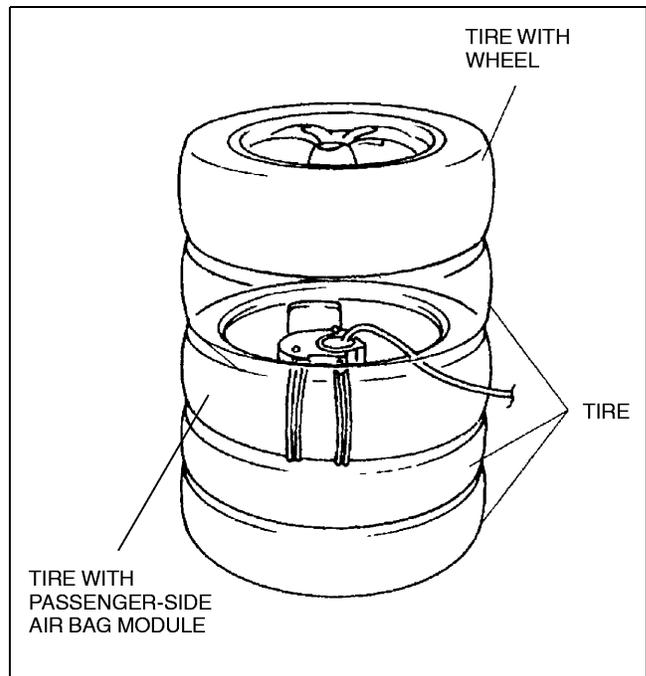
X3U810WB1

4. Connect the **SST** (Adapter harness) to the passenger-side air bag module as shown in the figure.



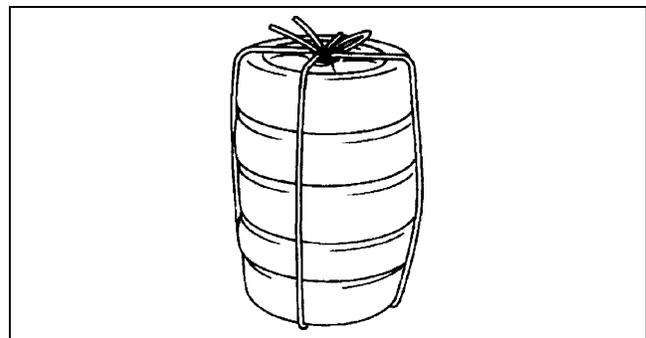
X3U810WB2

5. Stack the tire with the passenger-side air bag module on top of 2 tires. Stack a tire on top of the 3 tires. Stack another tire that has a wheel on top of the 4 tires.



X3U810WB3

6. Tie all tires together with wire.

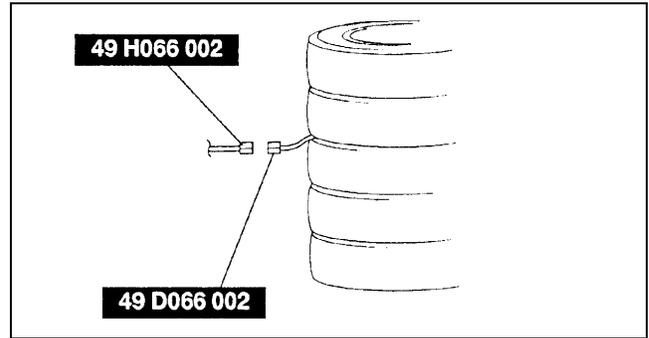


X3U810WB4

08-10

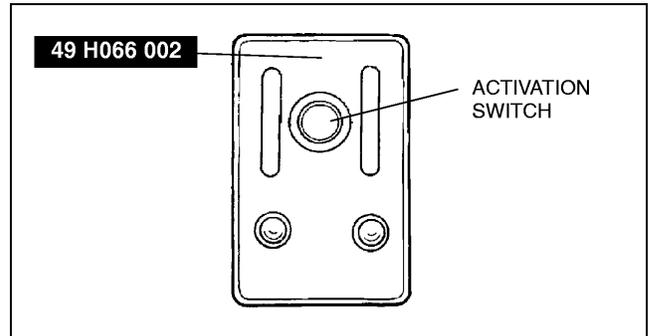
AIR BAG SYSTEM

7. Connect the **SST** (Deployment tool) to the **SST** (Adapter harness).
8. Connect the red clip of the **SST** (Deployment tool) to the positive battery terminal and the black clip to the negative battery terminal.
9. Verify that the red light on the **SST** (Deployment tool) is illuminated.
10. Make sure all persons are standing **at least 6 m {20 ft}** away from the tires.



X3U810WB5

11. Press the activation switch on the **SST** (Deployment tool) to deploy the passenger-side air bag module.



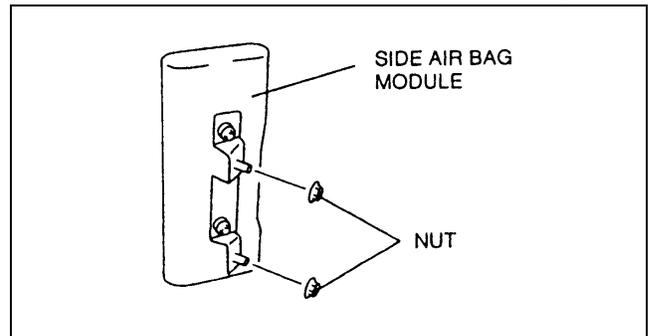
X3U810WB6

Side air bag module

1. Remove the side air bag module. (See 08–10–7 SIDE AIR BAG MODULE REMOVAL/INSTALLATION.)
2. Install the nuts to the side air bag module.

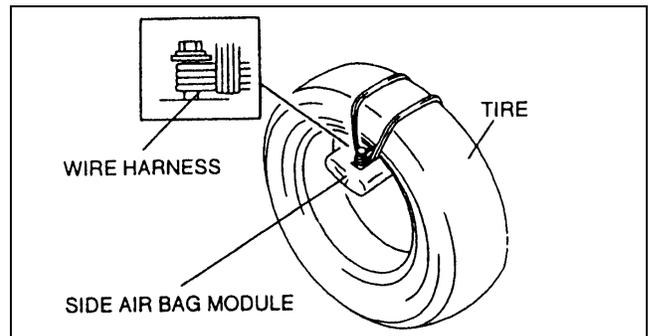
Warning

- If the air bag module is not properly installed to the tire, serious injury may occur when the module is deployed. When installing the air bag module to the tire, make sure the module is facing the center of the tire.



Y3U810WAF

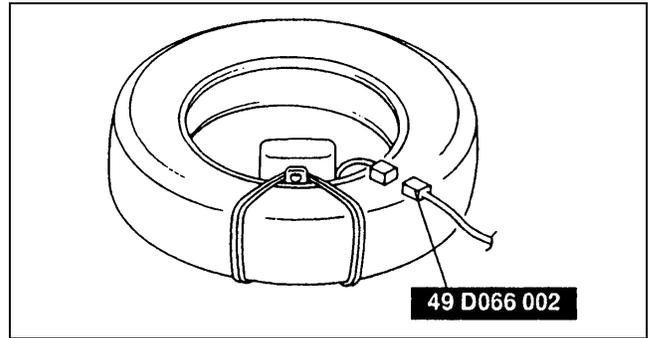
3. Tie the side air bag module to the tire with the module facing the center of the tire. Wrap the wire harness through the tire and around the nuts **at least 4 times**.



Y3U810WAG

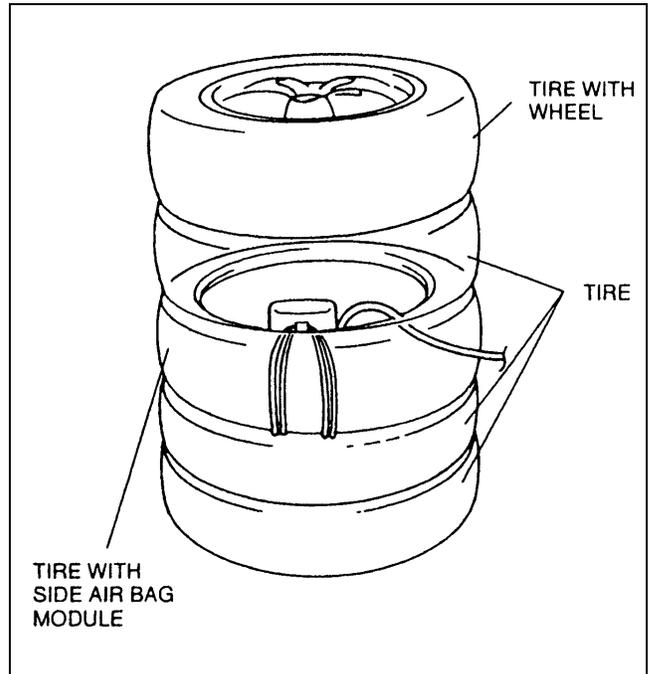
AIR BAG SYSTEM

4. Connect the **SST** (Adapter harness) to the side air bag module as shown in the figure.



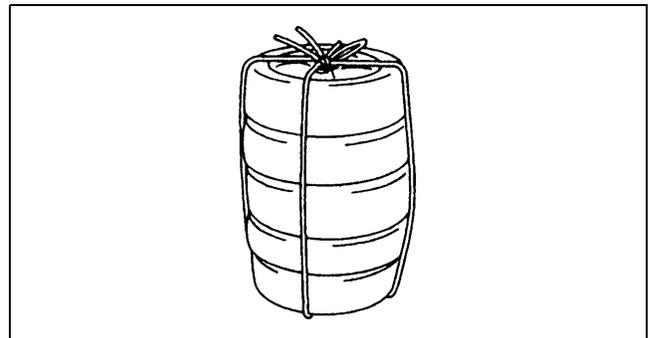
Y3U810WAH

5. Stack the tire with the side air bag module on top of 2 tires. Stack a tire on top of 3 tires. Stack another tire that has a wheel on top of the 4 tires.



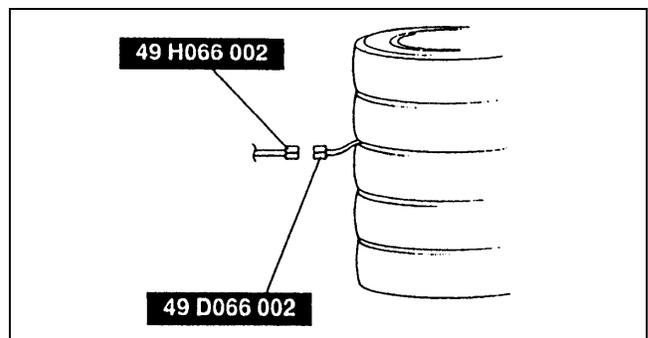
Y3U810WAJ

6. Tie all tires together with wire.



Y3U810WAK

7. Connect the **SST** (Deployment tool) to the **SST** (Adapter harness).
8. Connect the red clip of the **SST** (Deployment tool) to the positive battery terminal and the black clip to the negative battery terminal.
9. Verify that the red light on the **SST** (Deployment tool) is illuminated.
10. Make sure all persons are standing **at least 6 m {20ft}** from the tires.

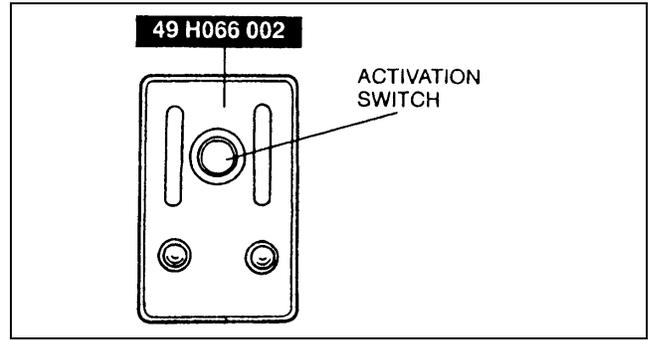


Y3U810WAL

08-10

AIR BAG SYSTEM

11. Press the activation switch on the **SST** (Deployment tool) to deploy the side air bag module.



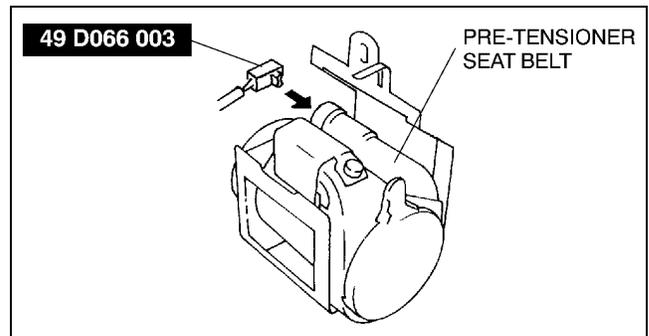
Y3U810WAM

Pre-tensioner seat belt

1. Remove the pre-tensioner seat belt.
2. Connect the **SST** (49 D066 003) to the pre-tensioner seat belt as shown in the figure.

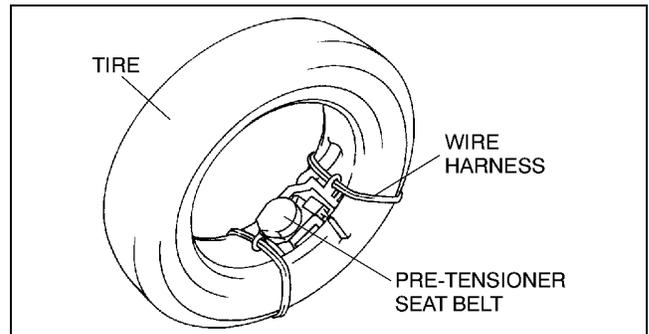
Warning

- If the pre-tensioner seat belt is not properly installed to the tire, serious injury may occur when the pre-tensioner part is deployed. When installing the pre-tensioner seat belt to the tire, make sure the pre-tensioner part is inside the tire.



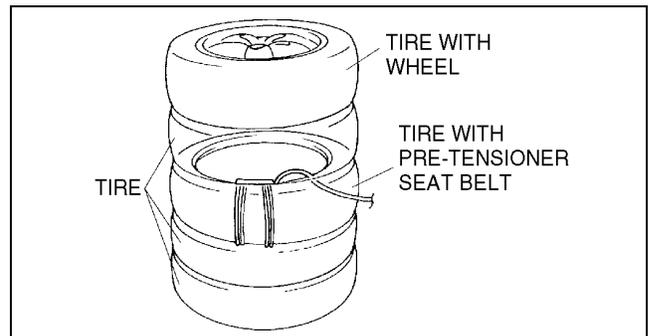
Z3U0810W005

3. With the pre-tensioner part inside the tire, tie the pre-tensioner seat belt to the tire. Wrap the wire harness through the tire and around the pre-tensioner seat belt **at least four times**.



Z3U0810W006

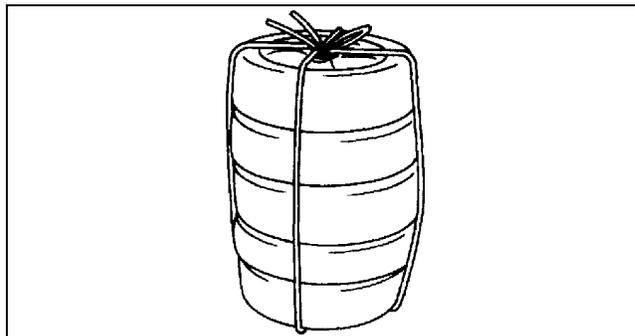
4. Stack the tire with the pre-tensioner seat belt on top of two tires. Stack a tire on top of the three tires. Stack another tire that has a wheel on top of the four tires.



YLE8130W201

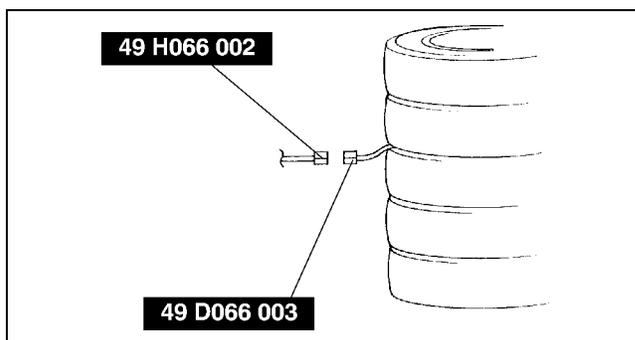
AIR BAG SYSTEM

5. Tie all tires together with wire.



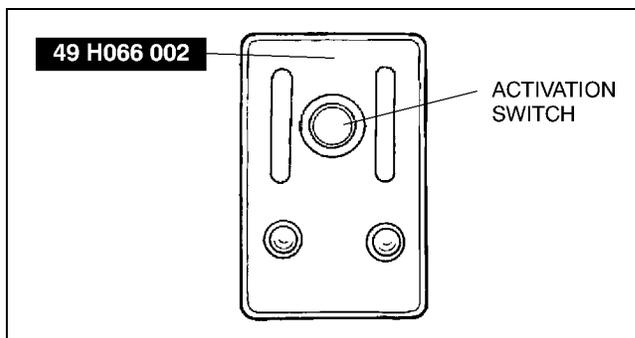
XME8126W008

6. Connect the **SST** (49 H066 002) to the **SST** (49 D066 003).
7. Connect the red clip of the **SST** (49 H066 002) to the positive battery terminal and the black clip to the negative battery terminal.
8. Verify that the red light on the **SST** (49 H066 002) is illuminated.
9. Make sure all persons are standing **at least 6 m {20 ft}** from the vehicle.



XME8126W009

10. Press the activation switch on the **SST** (49 H066 002) to deploy the pre-tensioner seat belt.



XME8126W010

08-10

AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DISPOSAL PROCEDURES

A3U081057000W03

Warning

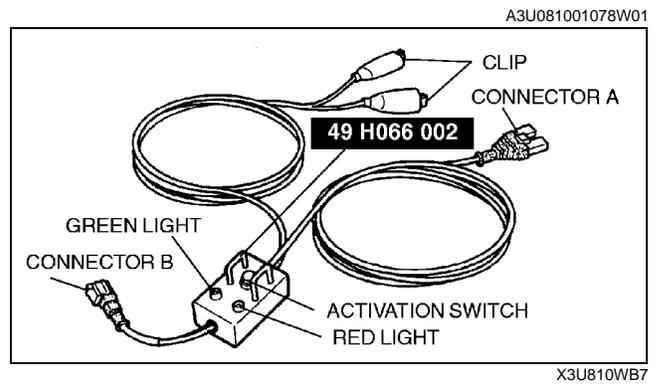
- Before scrapping a vehicle with a live (undeployed) air bag module and pre-tensioner seat belt, deploy the air bag module. Never dispose of a live (undeployed) air bag module and pre-tensioner seat belt.
- The air bag module and pre-tensioner seat belt are very hot immediately after it is deployed. You can get burned. Do not touch the air bag module and pre-tensioner seat belt for at least 15 minutes after deployment.
- Pouring water on the deployed air bag module and pre-tensioner seat belt are dangerous. The water will mix with the residual gases to form a gas that can make breathing difficult. Do not pour water on the deployed air bag module and pre-tensioner seat belt.
- The deployed air bag module and pre-tensioner seat belt may contain deposits of sodium hydroxide, a caustic by product of the gas-generated combustion. If this substance gets into your eyes or on your hands, it can cause irritation and itching. When handling the deployed air bag module and pre-tensioner seat belt, wear gloves and safety glasses.

1. Put on gloves and safety glasses.
2. Put the deployed air bag module or pre-tensioner seat belt in a plastic bag, seal it, and then dispose of it.
3. Wash your hands after removing your gloves.

AIR BAG SYSTEM

INSPECTION OF SST (DEPLOYMENT TOOL)

- Use the **SST** (Deployment tool) to deploy a live (undeployed) air bag module before disposing of it.
- Before using the **SST** (Deployment tool), inspect its operation.



Inspection Procedure

1. Follow the steps below to verify that the **SST** (Deployment tool) is operating correctly.
 - If not as specified, do not use the **SST** (Deployment tool) because it may cause the air bag module to unexpectedly deploy upon connection to the air bag module.

Step	Inspection procedure	Light condition	
		Green	Red
1	Connect red clip to positive battery terminal and black clip to negative battery terminal.	On	Off
2	Connect connectors A and B of SST (Deployment tool).	Off	On
3	Press activation switch.	On	Off

