SECTION SR
SRS AIRBAG

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PRECAUTION

PRECAUTIONS

Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:0000000014897391

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper repair, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SR section.**
- **Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.**

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

- **When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery or batteries, and wait at least three minutes before performing any service.**

Service

INFOID:0000000014626031

- Do not use electrical test equipment to check SRS circuits unless instructed to in this Service Manual.
- Before servicing the SRS, turn ignition switch OFF, disconnect battery negative terminal and wait at least three minutes.
  For approximately three minutes after the cables are removed, it is still possible for the air bag and seat belt pre-tensioner to deploy. Therefore, do not work on any SRS connectors or wires until at least three minutes have elapsed.
- Diagnosis sensor unit must always be installed with their arrow marks “⇐” pointing towards the front of the vehicle for proper operation. Also check diagnosis sensor unit for cracks, deformities or rust before installation and replace as required.
- The spiral cable must be aligned in the neutral position since its rotations are limited. Do not turn steering wheel and column after removal of steering gear.
- Handle air bag module carefully. Always place driver and front passenger air bag modules with the pad side facing upward and seat mounted front side air bag module standing with the stud bolt side facing down.
- Conduct self-diagnosis to check entire SRS for proper functioning after replacing any components.
- After air bag inflates, the front instrument panel assembly should be replaced if damaged.
- Always replace instrument panel pad following front passenger air bag deployment.

Precaution for Work

INFOID:0000000014626032

- When removing or disassembling each component, be careful not to damage or deform it. If a component may be subject to interference, be sure to protect it with a shop cloth.
- When removing (disengaging) components with a screwdriver or similar tool, be sure to wrap the component with a shop cloth or vinyl tape to protect it.
- Protect the removed parts with a shop cloth and prevent them from being dropped.
- Replace a deformed or damaged clip.
- If a part is specified as a non-reusable part, always replace it with a new one.
- Be sure to tighten bolts and nuts securely to the specified torque.
- After installation is complete, be sure to check that each part works properly.

- Follow the steps below to clean components:
- Water soluble dirt:
- Dip a soft cloth into lukewarm water, wring the water out of the cloth and wipe the dirty area.
- Then rub with a soft, dry cloth.
- Oily dirt:
- Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%) and wipe the dirty area.
- Then dip a cloth into fresh water, wring the water out of the cloth and wipe the detergent off.
- Then rub with a soft, dry cloth.
- Do not use organic solvent such as thinner, benzene, alcohol or gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

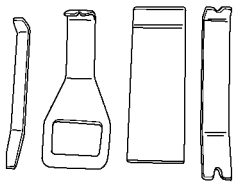
PREPARATION

PREPARATION

Special Service Tools

INFOID:0000000014626033

The actual shape of the tools may differ from those illustrated here.

Tool number (TechMate No.) Tool name	Description
— (J-46534) Trim Tool Set  AWJIA0483ZZ	Removing trim components

BASIC INSPECTION

COLLISION DIAGNOSIS
FOR FRONTAL COLLISION

FOR FRONTAL COLLISION : When SRS is activated in a collision

INFOID:0000000014626034

CAUTION:
Due to varying models and option levels, not all parts listed in the chart below apply to all vehicles.

WORK PROCEDURE

1. Before performing any of the following steps, ensure that all vehicle body and structural repairs have been completed.
2. Replace the diagnosis sensor unit.
3. Remove the front air bag modules, crash zone sensor, bracket and seat belt pre-tensioner assemblies.
4. Check the SRS components using the table below:
   Replace any SRS components showing visible signs of damage. (dents, cracks and deformation, etc.)
5. Install new front air bag modules, crash zone sensor assembly, bracket and seat belt pre-tensioner assemblies.
6. Perform self-diagnosis using CONSULT or air bag warning lamp. Refer to SRC-13, "Description" for details. Ensure entire SRS operates properly.
7. After the work is completed, perform self-diagnosis to check that no malfunction is detected. Refer to SRC-13, "Description".

SRS INSPECTION (FOR FRONTAL COLLISION)

Part	Inspection
Driver air bag module	If the driver air bag has deployed: REPLACE Install with new fasteners.
Front passenger air bag module (if equipped)	If the front passenger air bag has deployed: REPLACE Install with new fasteners.
Crash zone sensor	If any of the front air bags or seat belt pre-tensioners* have been activated: REPLACE the crash zone sensor and bracket with new fasteners. *: Confirm seat belt pre-tensioner activation using CONSULT only.
Seat belt pre-tensioner assemblies (All applicable locations: buckle, retractor, lap outer)	If either the driver or passenger seat belt pre-tensioner* has been activated: REPLACE all seat belt pre-tensioner assemblies with new fasteners. *: Confirm seat belt pre-tensioner activation using CONSULT only.
Diagnosis sensor unit	If any of the SRS components have been activated: REPLACE the diagnosis sensor unit. Install with new fasteners.
Steering wheel	1. Visually check steering wheel for deformities. 2. Check harness (built into steering wheel) and connectors for damage, and terminals for deformities. 3. Install driver air bag module into the steering wheel to check fit and alignment with the wheel. 4. Check steering wheel for excessive free play. 5. If no damage is found, reinstall. 6. If damaged – REPLACE.
Spiral cable	If the driver front air bag has deployed: REPLACE the spiral cable.

Part	Inspection
Occupant classification system (Passenger seat)	1. Remove passenger seat assembly. 2. Check control unit case for dents, cracks of deformities. 3. Check connectors and pressure sensor tube for damage, and terminals for deformities. 4. Check seat frame and cushion pan for dents or deformities. 5. If no damage is found, reinstall seat with new fasteners. 6. If damaged – REPLACE seat cushion assembly with new fasteners. 7. Perform zero point reset function after front passenger seat is installed in the vehicle and all bolts are tightened to specification. Refer to SRC-38, "ZERO POINT RESET : Description".
Harness and connectors	1. Check connectors for poor connection, damage, and terminals for deformities. 2. Check harness for binding, chafing, cuts, or deformities. 3. If no damage is found, reinstall the harness and connectors. 4. If damaged – REPLACE the damaged harness. Do not attempt to repair, splice or modify any SRS harness.
Instrument panel assembly	If the front passenger air bag has deployed: REPLACE the instrument panel assembly. (integrated type)

FOR FRONTAL COLLISION : When SRS is not activated in a collision

INFOID:0000000014626035

CAUTION:

Due to varying models and option levels, not all parts listed in the chart below apply to all vehicles.

WORK PROCEDURE

1. Before performing any of the following steps, ensure that all vehicle body and structural repairs have been completed.
2. Check the SRS components using the table below:
   Replace any SRS components showing visible signs of damage. (dents, cracks and deformation, etc.)
3. Perform self-diagnosis using CONSULT or air bag warning lamp. Refer to SRC-13, "Description" for details. Ensure entire SRS operates properly.
4. After the work is completed, perform self-diagnosis to check that no malfunction is detected. Refer to SRC-13, "Description".

SRS INSPECTION (FOR FRONTAL COLLISION)

Part	Inspection
Driver air bag module	If the driver air bag has NOT been deployed: 1. Remove driver air bag module. Check harness cover and connectors for damage, terminals for deformities, and harness for binding. 2. Install driver air bag module into the steering wheel to check fit and alignment with the wheel. 3. If no damage is found, reinstall with new fasteners. 4. If damaged – REPLACE. Install driver air bag module with new fasteners.
Front passenger air bag module (if equipped)	If the front passenger air bag has NOT been deployed: 1. Remove front passenger air bag module. Check harness cover and connectors for damage, terminals for deformities, and harness for binding. 2. Install front passenger air bag module into the instrument panel to check fit with the instrument panel. 3. If no damage is found, reinstall with new fasteners. 4. If damaged – REPLACE. Install front passenger air bag modules with new fasteners.
Crash zone sensor	If the front air bags or seat belt pre-tensioners have NOT been activated: 1. Remove the crash zone sensor. Check harness connectors for damage, terminals for deformities, and harness for binding. 2. Check for visible signs of damage (dents, cracks, deformation, etc.) of the crash zone sensor and bracket. 3. Install the crash zone sensor to check fit. 4. If no damage is found, reinstall with new fasteners. 5. If damaged – REPLACE the crash zone sensor and bracket with new fasteners.

Part	Inspection
Seat belt pre-tensioner assemblies (All applicable locations: buckle, retractor, lap outer)	If the pre-tensioners have NOT been activated: 1. Remove seat belt pre-tensioners. Check harness cover and connectors for damage, terminals for deformities, and harness for binding. 2. Check belts for damage and anchors for loose mounting. 3. Check retractor for smooth operation. 4. Check seat belt adjuster for damage. 5. Check for deformities of the center pillar inner. 6. If the center pillar inner has no damage, REPLACE the seat belt pre-tensioner assembly. 7. If no damage is found, reinstall seat belt pre-tensioner assembly. 8. If damaged – REPLACE. Install the seat belt pre-tensioners with new fasteners.
Diagnosis sensor unit	If none of the SRS components have been activated: 1. Check case for dents, cracks or deformities. 2. Check connectors for damage, and terminals for deformities. 3. If no damage is found, reinstall with new fasteners. 4. If damaged – REPLACE. Install diagnosis sensor unit with new fasteners.
Steering wheel	1. Visually check steering wheel for deformities. 2. Check harness (built into steering wheel) and connectors for damage, and terminals for deformities. 3. Install driver air bag module into the steering wheel to check fit and alignment with the wheel. 4. Check steering wheel for excessive free play. 5. If no damage is found, reinstall. 6. If damaged – REPLACE.
Spiral cable	If the driver front air bag has not deployed: 1. Visually check spiral cable and combination switch for damage. 2. Check connectors and protective tape for damage. 3. Check steering wheel for noise, binding or heavy operation. 4. If no damage is found, reinstall. 5. If damaged – REPLACE.
Occupant classification system (Passenger seat)	1. Remove passenger seat assembly. 2. Check control unit case for dents, cracks of deformities. 3. Check connectors and pressure sensor tube for damage, and terminals for deformities. 4. Check seat frame and cushion pan for dents or deformities. 5. If no damage is found, reinstall seat with new fasteners. 6. If damaged – REPLACE seat cushion assembly with new fasteners. 7. Perform zero point reset function after front passenger seat is installed in the vehicle and all bolts are tightened to specification. Refer to SRC-38, "ZERO POINT RESET : Description".
Harness and connectors	1. Check connectors for poor connection, damage, and terminals for deformities. 2. Check harness for binding, chafing, cuts, or deformities. 3. If no damage is found, reinstall the harness and connectors. 4. If damaged – REPLACE the damaged harness. Do not attempt to repair, splice or modify any SRS harness.
Instrument panel assembly	If the front passenger air bag has NOT deployed: 1. Visually check instrument panel assembly for damage. 2. If no damage is found, reinstall the instrument panel assembly. 3. If damaged – REPLACE the instrument panel assembly.

FOR SIDE AND ROLLOVER COLLISION

FOR SIDE AND ROLLOVER COLLISION : When SRS is activated in a collision

INFOID:0000000014626036

CAUTION:

Due to varying models and option levels, not all parts listed in the chart below apply to all vehicles.

WORK PROCEDURE

1. Before performing any of the following steps, ensure that all vehicle body and structural repairs have been completed.
2. Replace the following components:
   - Front seat back assembly (on the side on which side air bag is activated)
   - Door finisher (on the side on which door-mounted curtain air bag is activated)
   - Pop-up roll bar assemblies and pop-up roll bar covers

- Side air bag (satellite) sensor LH/RH (on the side on which side air bag is activated)
- Diagnosis sensor unit
- Seat belt pre-tensioner assemblies

3. Check the SRS components and the related parts using the following table.
   Replace any SRS components and the related parts showing visible signs of damage. (dents, cracks, deformation, etc.)
4. Perform self-diagnosis using CONSULT and “AIR BAG” warning lamp. Refer to SRC-13, "Description" for details. Make sure entire SRS operates properly.
5. After the work is completed, perform self-diagnosis to check that no malfunction is detected. Refer to SRC-13, "Description".

SRS INSPECTION (FOR SIDE AND ROLLOVER COLLISION)

Part	Inspection
Side curtain air bag module LH	If the side curtain air bag LH has deployed: REPLACE the side curtain air bag module LH. Install with new fasteners.
Side curtain air bag module RH	If the side curtain air bag RH has deployed: REPLACE the side curtain air bag module RH. Install with new fasteners.
Front side air bag module LH	If the front side air bag LH has deployed: REPLACE front seatback assembly LH.
Front side air bag module RH	If the front side air bag RH has deployed: REPLACE front seatback assembly RH.
Side air bag (satellite) sensor (LH or RH)	If any of the SRS components have deployed: REPLACE the side air bag (satellite) sensor on the collision side with new fasteners.
Door (satellite) sensor (LH or RH)	If any of the SRS components have deployed: REPLACE the door (satellite) sensor on the collision side with new fasteners.
Diagnosis sensor unit	If any of the SRS components have deployed: REPLACE the diagnosis sensor unit with new fasteners.
Seat belt pre-tensioner assemblies (All applicable locations: buckle, retractor, lap outer)	If either the driver or passenger seat belt pre-tensioner* has been activated: REPLACE all seat belt pre-tensioner assemblies with new fasteners. *: Confirm seat belt pre-tensioner activation using CONSULT only.
Center inner pillar	1. Check the center inner pillar on the collision side for damage (dents, cracks, deformation, etc.). 2. If damaged – REPAIR the center inner pillar.
Trim/headlining	1. Check for visible signs of damage (dents, cracks, deformation, etc.) of the interior trim on the collision side. 2. If damaged – REPLACE the damaged trim parts.
Door-mounted curtain air bag module LH	If the door-mounted curtain air bag module LH has deployed: REPLACE the door finisher LH and door-mounted curtain air bag module. Install with new fasteners.
Door-mounted curtain air bag module RH	If the door-mounted curtain air bag module RH has deployed: REPLACE the door finisher RH and door-mounted curtain air bag module. Install with new fasteners.
Occupant classification system (Passenger seat)	1. Remove passenger seat assembly. 2. Check control unit case for dents, cracks of deformities. 3. Check connectors and pressure sensor tube for damage, and terminals for deformities. 4. Check seat frame and cushion pan for dents or deformities. 5. If no damage is found, reinstall seat with new fasteners. 6. If damaged – REPLACE seat cushion assembly with new fasteners. 7. Perform zero point reset function after front passenger seat is installed in the vehicle and all bolts are tightened to specification. Refer to SRC-38, "ZERO POINT RESET : Description".
Pop-up roll bar assemblies	If the pop-up roll bar has deployed: REPLACE pop-up roll bar assemblies and pop-up roll bar covers. Install with new fasteners.

FOR SIDE AND ROLLOVER COLLISION : When SRS is not activated in a collision

INFOID:0000000014626037

CAUTION:
Due to varying models and option levels, not all parts listed in the chart below apply to all vehicles.

WORK PROCEDURE

1. Before performing any of the following steps, ensure that all vehicle body and structural repairs have been completed.
2. Check the SRS components and the related parts using the following table.
   - If the front seat back assembly is damaged, the front seat back assembly must be replaced.
   - If the door finisher assembly is damaged, the door finisher assembly and door-mounted curtain air bag module must be replaced.
3. Perform self-diagnosis using CONSULT and “AIR BAG” warning lamp. Refer to SRC-13, "Description" for details. Make sure entire SRS operates properly.
4. After the work is completed, perform self-diagnosis to check that no malfunction is detected. Refer to SRC-13, "Description".

SRS INSPECTION (FOR SIDE AND ROLLOVER COLLISION)

Part	Inspection
Side curtain air bag module LH	If the side curtain air bag LH has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the center pillar on the collision side. 2. If damaged – Remove the side curtain air bag module LH. 3. Check for visible signs of damage (tears etc.) of the side curtain air bag module LH. 4. Check harness and connectors for damage, and terminals for deformities. 5. If no damage is found, reinstall the side curtain air bag module LH with new fasteners. 6. If damaged – REPLACE the side curtain air bag module LH with new fasteners.
Side curtain air bag module RH	If the side curtain air bag RH has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the center pillar on the collision side. 2. If damaged – Remove the side curtain air bag module RH. 3. Check for visible signs of damage (tears etc.) of the side curtain air bag module RH. 4. Check harness and connectors for damage, and terminals for deformities. 5. If no damage is found, reinstall the side curtain air bag module RH with new fasteners. 6. If damaged – REPLACE the side curtain air bag module RH with new fasteners.
Front side air bag module LH	If the front side air bag LH has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the seat back on the collision side. 2. Check harness and connectors for damage, and terminals for deformities. 3. If damaged – REPLACE the front seatback assembly LH.
Front side air bag module RH	If the front side air bag RH has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the seat back on the collision side. 2. Check harness and connectors for damage, and terminals for deformities. 3. If damaged – REPLACE the front seatback assembly RH.
Side air bag (satellite) sensor (LH or RH)	If none of the SRS components have been activated: 1. Remove the side air bag (satellite) sensor (LH or RH) on the collision side. Check harness connectors for damage, terminals for deformities, and harness for binding. 2. Check for visible signs of damage (dents, cracks, deformation, etc.) of the side air bag (satellite) sensor (LH or RH). 3. Install the side air bag (satellite) sensor (LH or RH) to check fit. 4. If no damage is found, reinstall the side sir bag (satellite) sensor (LH or RH) with new fasteners. 5. If damaged – REPLACE the side air bag (satellite) sensor (LH or RH) with new fasteners.

Part	Inspection
Door (satellite) sensor (LH or RH)	If none of the SRS components have been activated: 1. Remove the door (satellite) sensor (LH or RH) on the collision side. Check harness connectors for damage, terminals for deformities, and harness for binding. 2. Check for visible signs of damage (dents, cracks, deformation, etc.) of the door (satellite) sensor (LH or RH). 3. Install the door (satellite) sensor (LH or RH) to check fit. 4. If no damage is found, reinstall the door (satellite) sensor (LH or RH) with new fasteners. 5. If damaged – REPLACE the door (satellite) sensor (LH or RH) with new fasteners.
Diagnosis sensor unit	If none of the SRS components have been activated: 1. Check case and bracket for dents, cracks or deformities. 2. Check connectors for damage, and terminals for deformities. 3. If no damage is found, reinstall the diagnosis sensor unit with new fasteners. 4. If damaged – REPLACE the diagnosis sensor unit with new fasteners.
Seat belt pre-tensioner assemblies (All applicable locations: buckle, retractor, lap outer)	If the pre-tensioners have NOT been activated: 1. Remove seat belt pre-tensioners. Check harness cover and connectors for damage, terminals for deformities, and harness for binding. 2. Check belts for damage and anchors for loose mounting. 3. Check retractor for smooth operation. 4. Check seat belt adjuster for damage. 5. Check for deformities of the center pillar inner. 6. If the center pillar inner has no damage, REPLACE the seat belt pre-tensioner assembly. 7. If no damage is found, reinstall seat belt pre-tensioner assembly. 8. If damaged – REPLACE. Install the seat belt pre-tensioners with new fasteners.
Seat (with front side air bag)	If the front LH or front RH side air bag modules have NOT deployed: 1. Visually check the seat on the collision side. 2. Remove the seat on the collision side and check the following for damage and deformities. - Harness, connectors and terminals - Frame and recliner (for front and rear seat), and also adjuster and slides (for front seat) 3. If no damage is found, reinstall the seat. 4. If damaged – REPLACE the damaged seat parts using new fasteners. If the front seat back is damaged, the front seat back assembly must be replaced.
Center inner pillar	1. Check the center inner pillar on the collision side for damage (dents, cracks, deformation, etc.). 2. If damaged – REPAIR the center inner pillar.
Trim/headlining	1. Check for visible signs of damage (dents, cracks, deformation, etc.) of the interior trim on the collision side. 2. If damaged – REPLACE the damaged trim parts.
Door-mounted curtain air bag module LH	If the door-mounted curtain air bag LH has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the door finisher on the collision side. 2. If damaged – REPLACE the door finisher LH with new fasteners. 3. Check for visible signs of damaged (tears etc.) of the door-mounted curtain air bag module LH. 4. Check harness and connectors for damage, and terminals for deformities. 5. If no damage is found, reinstall door finisher. **CAUTION:** **When removing door-mounted curtain air bag module from door finisher, never reuse door finisher.** 6. If damaged – REPLACE the door finisher LH and door-mounted curtain air bag module LH with new fasteners.
Door-mounted curtain air bag module RH	If the door-mounted curtain air bag RH has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the door finisher on the collision side. 2. If damaged – REPLACE the door finisher RH with new fasteners. 3. Check for visible signs of damage (tears etc.) of the door-mounted curtain air bag module RH. 4. Check harness and connectors for damage, and terminals for deformities. 5. If no damage is found, reinstall door finisher. **CAUTION:** **When removing door-mounted curtain air bag module from door finisher, never reuse door finisher.** 6. If damaged – REPLACE the door finisher RH and door-mounted curtain air bag module RH with new fasteners.

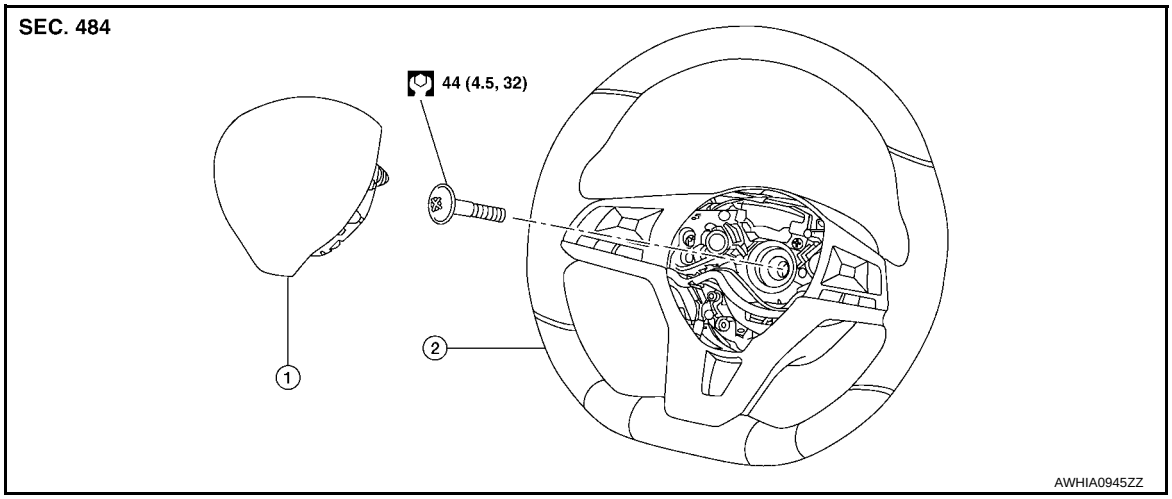
Part	Inspection
Occupant classification system (Passenger seat)	1. Remove passenger seat assembly. 2. Check control unit case for dents, cracks of deformities. 3. Check connectors and pressure sensor tube for damage, and terminals for deformities. 4. Check seat frame and cushion pan for dents or deformities. 5. If no damage is found, reinstall seat with new fasteners. 6. If damaged – REPLACE seat cushion assembly with new fasteners. 7. Perform zero point reset function after front passenger seat is installed in the vehicle and all bolts are tightened to specification. Refer to SRC-38, "ZERO POINT RESET : Description".
Pop-up roll bar	If the pop-up roll bar has NOT deployed: 1. Check for visible signs of damage (dents, tears, deformation, etc.) of the pop-up roll bar. 2. If damaged – REPLACE the pop-up roll bar with new fasteners. 3. Check harness and connectors for damage, and terminals for deformities. 4. If no damage is found, reinstall the pop-up roll bar with new fasteners. 5. Check for visible signs of damage (dents, cracks, deformation, etc.) of the seatback support brace assembly. 6. If damaged – REPAIR the seatback support brace assembly.

REMOVAL AND INSTALLATION

DRIVER AIR BAG MODULE

Exploded View

INFOID:0000000014626038



1. Driver air bag module
2. Steering wheel

Removal and Installation

INFOID:0000000014626039

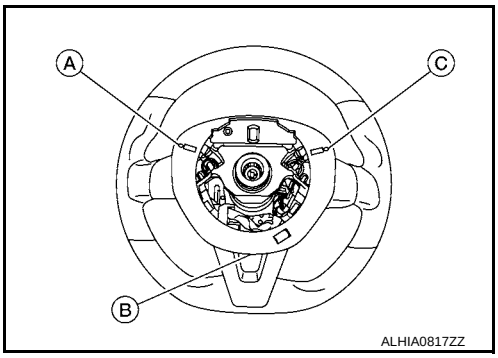
WARNING:

- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Always work from the side of driver air bag module. Do not work in front of it.**
- **Do not use the air tools or electric tools for servicing.**
- **Always place air bag module with pad side facing upward.**
- **Do not cause impact to the air bag module by dropping etc. Replace the air bag module if it has been dropped or sustained and impact.**
- **Do not allow oil, grease, detergent or water to come in contact with the driver air bag module.**

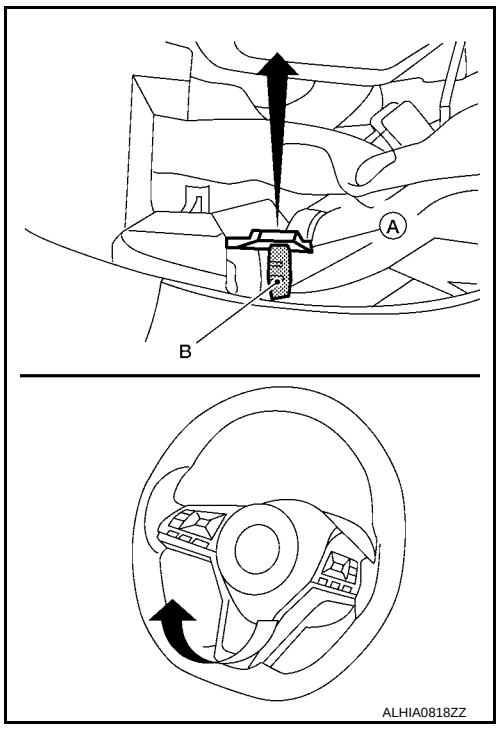
REMOVAL

1. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Locate the access holes.
   NOTE:
   Steering wheel removed for clarity.

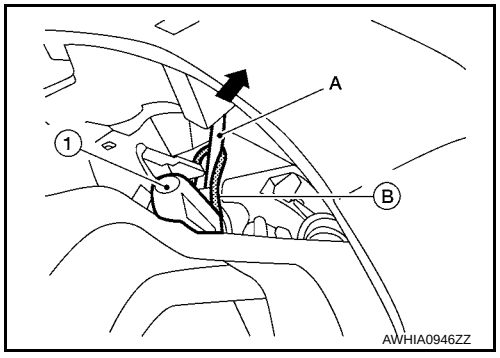
   (A) : Right side access hole
   (B) : Bottom access hole
   (C) : Left side access hole



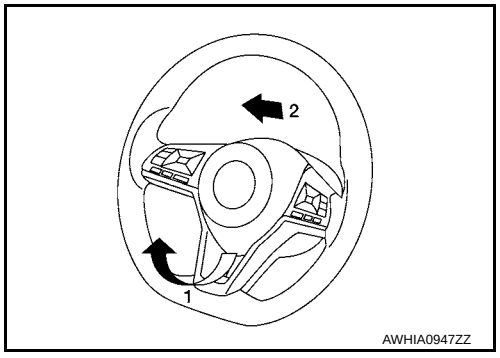
3. Using a suitable tool (B), push bottom pawl (A) and gently tilt the bottom of the driver air bag module outward so the pawl will not re-engage.



4. Insert a suitable tool (A) into the access hole and release clip (B) from driver air bag module (1) in the direction shown.
NOTE:
- LH shown, RH similar.
- Rotate steering wheel clockwise and counter clockwise to expose access holes.
- Repeat step for other side.

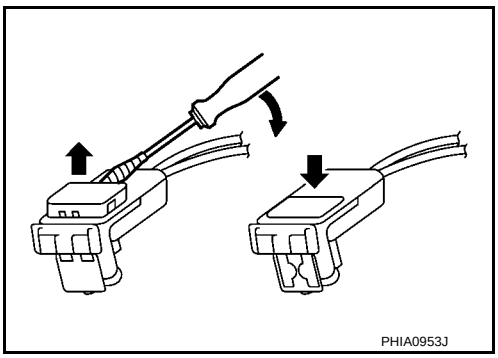


5. Lift driver air bag module as shown.



6. Disconnect the harness connectors from the driver air bag module.
CAUTION:

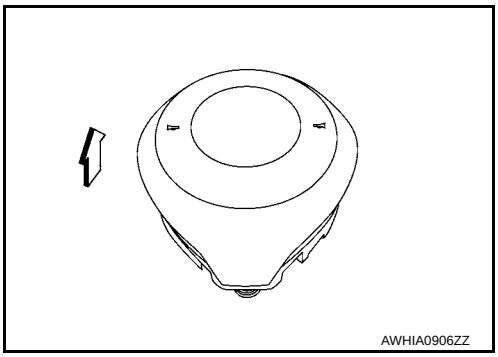
- **For installing/removing the driver air bag module harness connector, insert thin screwdriver wrapped in tape into notch, lift lock and remove the connector.**
- **Install the connector with lock raised, and push lock into the connector.**
- **After installing the connector, check that the lock is pushed securely into it.**


PHIA0953J

7. Remove the driver air bag module.

CAUTION:

- **Always place the driver air bag module with pad side facing upward.**
  ⇦: Upward


AWHIA0906ZZ

- **Do not strike or impact the driver air bag module.**
- **Replace the driver air bag module if it has been dropped or sustained an impact.**


JMHIA0009ZZ

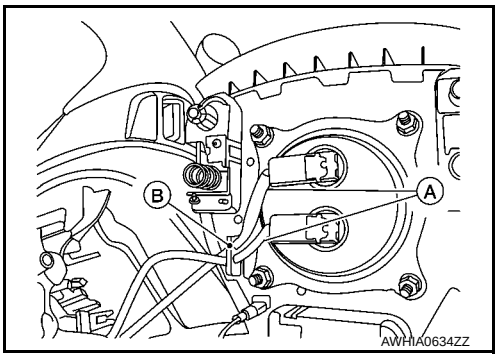
- **Do not insert any foreign objects (screwdriver, etc.) into the driver air bag module.**
- **Do not disassemble the driver air bag module.**
- **Do not expose the driver air bag module to temperatures exceeding 93°C (199°F).**
- **Do not allow oil, grease, detergent, or water to come in contact with the driver air bag module.**

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- **Always connect the driver air bag module harnesses (A) and route through the hook (B) as shown.**



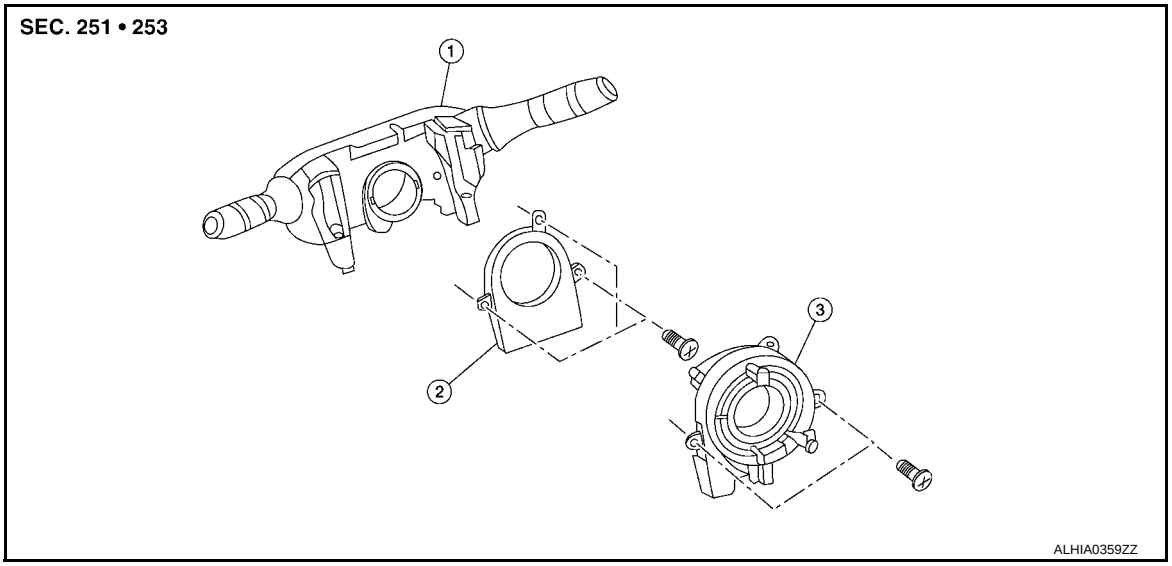
AWHIA0634ZZ

- **If driver air bag module is being replaced due to deployment, the spiral cable must also be replaced. Refer to SR-16, "Removal and Installation".**
- **Do not pinch or damage the harnesses while installing.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS Final Check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**

SPIRAL CABLE

Exploded View

INFOID:0000000014626040



1. Combination switch
2. Steering angle sensor
3. Spiral cable

Removal and Installation

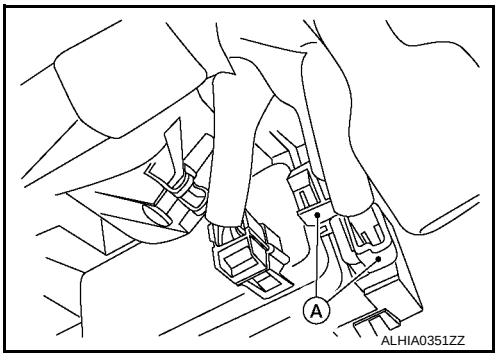
INFOID:0000000014626041

WARNING:

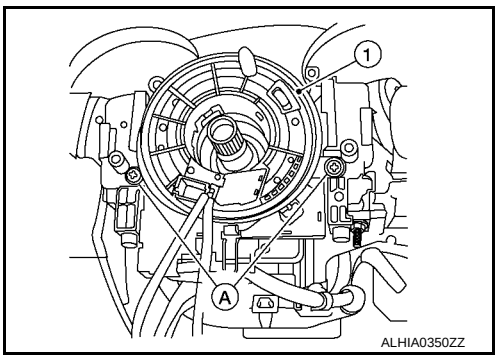
- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Do not use the air tools or electric tools for servicing.**

REMOVAL

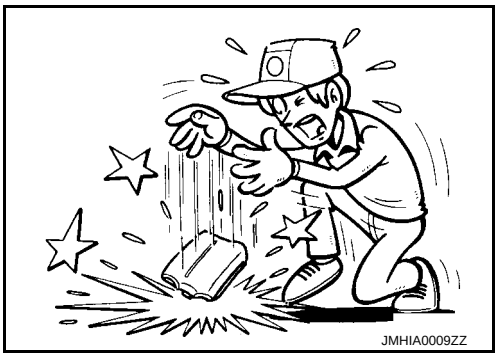
1. Disconnect the battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Remove the steering wheel. Refer to ST-27, "Removal and Installation".
3. Remove the steering column cover assembly. Refer to IP-17, "Removal and Installation".
4. Disconnect harness connectors (A).
   CAUTION:
   Do not damage the harness connectors.



5. Remove screws (A) and then remove spiral cable (1).

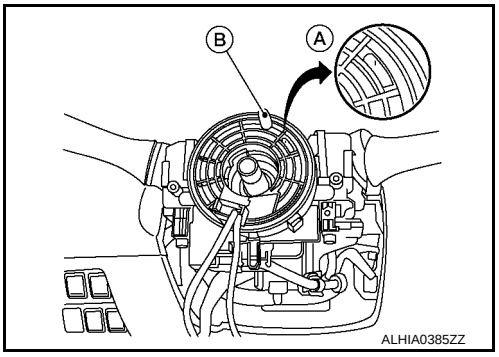


CAUTION:
- **Do not strike or drop the spiral cable.**
- **Do not turn the spiral cable quickly or beyond the limit number of turns (approximately 2.5 turns from the neutral position), this may cause the cable to snap.**
- **Replace the spiral cable if it has been dropped or sustained an impact.**
- **Do not disassemble the spiral cable.**
- **Do not allow oil, grease, detergent, or water to come in contact with the spiral cable.**



INSTALLATION

Installation is in the reverse order of removal.
- The turn signal lever must be in the neutral position for spiral cable installation.
- Set the spiral cable neutral position by carefully turning the spiral cable clockwise to the end position. Turn the spiral cable counterclockwise 2.5 turns stopping when the locating pin (B) is at the top most position and confirm that a yellow indicator with a vertical black line will be shown in the window (A).
  NOTE:
  If a new service part is installed, the neutral position is already set with a stopper clip in place and should not be adjusted after the stopper clip is removed. Make sure the stopper is removed before installing the steering wheel.
- During steering wheel installation, make sure the locating pin hole is aligned with the locating pin (B) of the spiral cable.



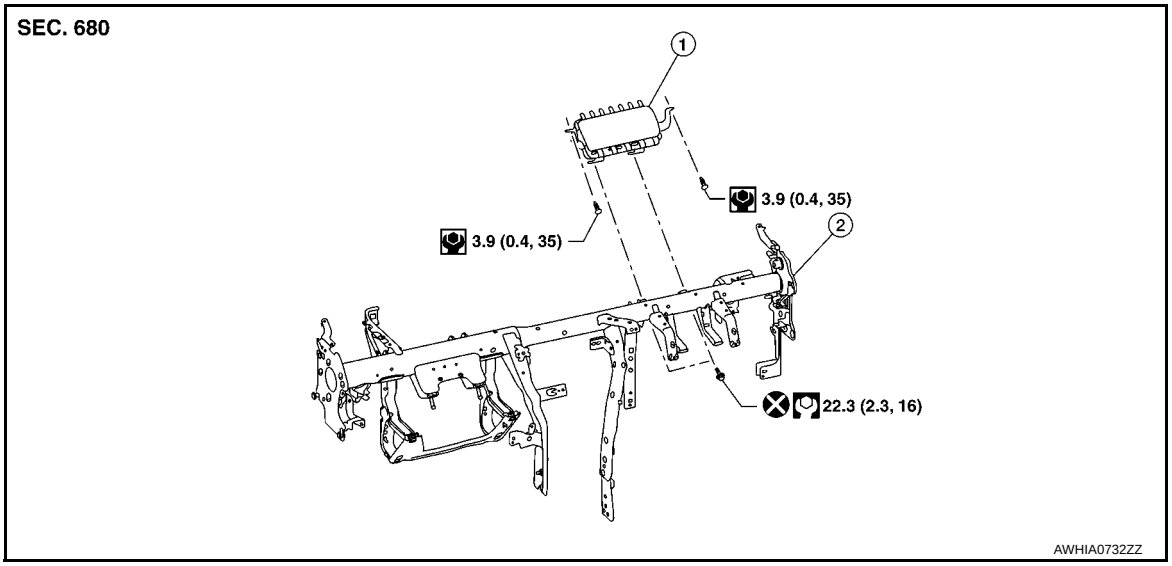
- Adjust the neutral position of the steering angle sensor. Refer to BRC-77, "Description".

CAUTION:
- **The spiral cable may snap during steering operation if the spiral cable is installed in an improper position.**
- **Do not overturn the spiral cable or go beyond the maximum number of turns allowed. This will cause the cable to snap.**
- **The turn signal lever must be in the neutral position for spiral cable installation.**
- **Do not apply lubricant to the spiral cable.**
- **Do not allow oil, grease, detergent or water to come in contact with the spiral cable.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS Final Check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

FRONT PASSENGER AIR BAG MODULE

Exploded View

INFOID:0000000014626042



1. Front passenger air bag module 2. Steering member

Removal and Installation

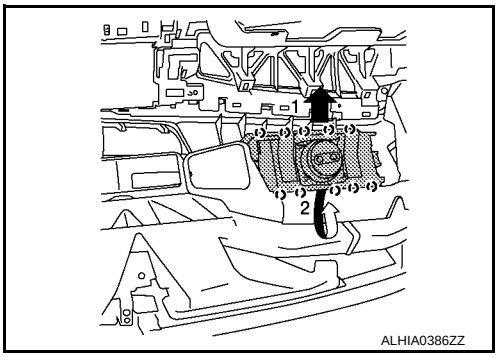
INFOID:0000000014626043

WARNING:

- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Always work from the side of air bag module. Do not work in front of it.**
- **Do not use air tools or electric tools for servicing.**
- **Always place air bag module with pad side facing upward.**
- **Do not cause impact to the air bag module by dropping etc. Replace the air bag module if it has been dropped or sustained and impact.**

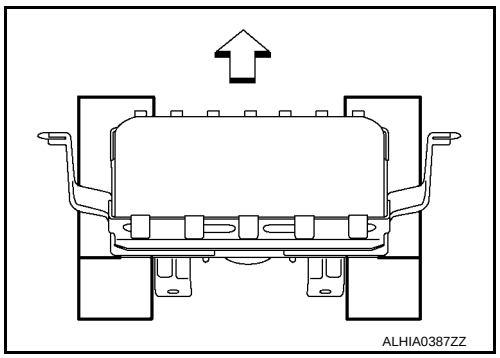
REMOVAL

1. Remove the Instrument panel assembly. Refer to IP-14, "INSTRUMENT PANEL ASSEMBLY : Removal and Installation".
2. Remove front passenger air bag module screws.
3. Release the pawls by removing the front passenger air bag module as shown.
   ◌: Pawl

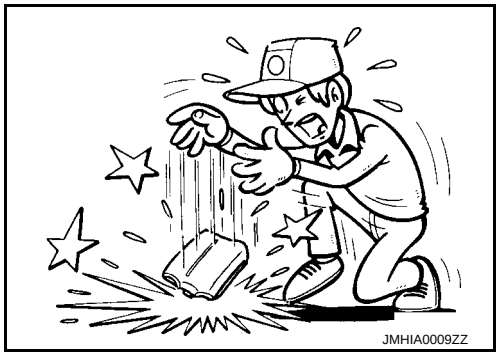


CAUTION:

- **Always place the front passenger air bag module with pad side facing upward as shown.**
  ⇦: Upward



- **Replace the front passenger air bag module if it has been dropped or sustained an impact.**
- **Do not strike the front passenger air bag module.**



- **Do not insert any foreign objects (screwdriver, etc.) into the passenger air bag module.**
- **Do not disassemble the passenger air bag module.**
- **Do not expose the passenger air bag module to temperatures exceeding 90°C (194°F).**
- **Do not allow oil, grease, detergent, or water to come in contact with the front passenger air bag module.**

INSTALLATION

Installation is in the reverse order of removal.

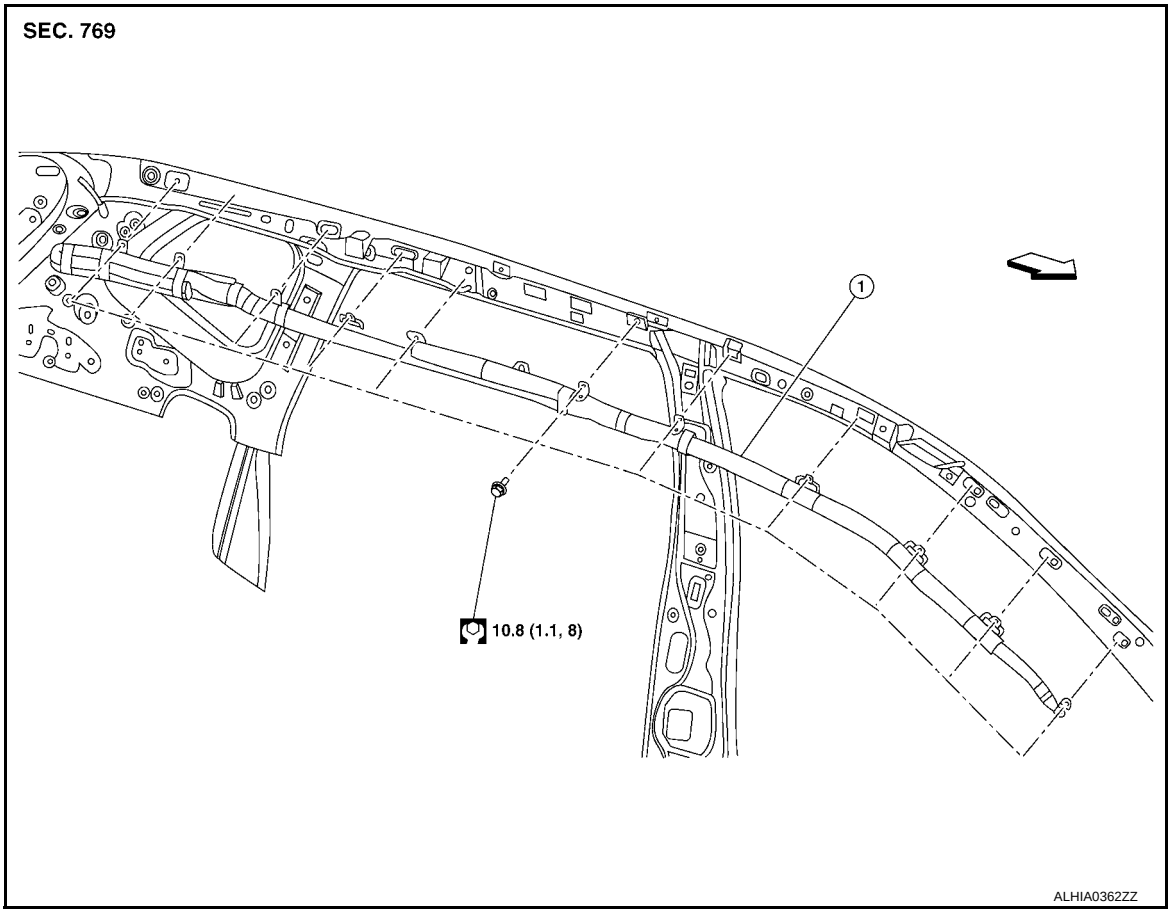
CAUTION:

- **Do not reuse the front passenger air bag module bolts.**
- **Do not damage the front passenger air bag module harness during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

SIDE CURTAIN AIR BAG MODULE

Exploded View

INFOID:0000000014626044



1. Side curtain air bag module ⇦ Front

Removal and Installation

INFOID:0000000014626045

WARNING:

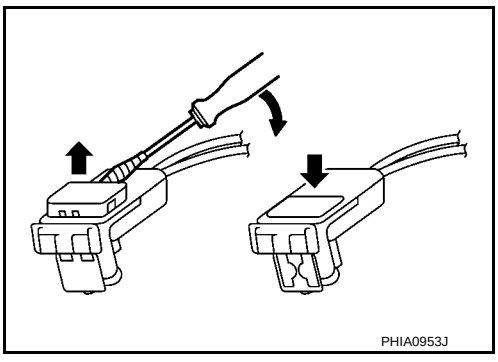
- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Always work from the side of air bag module. Do not work in front of it.**
- **Do not use air tools or electric tools for servicing.**
- **Always place the curtain air bag module with the air bag deployment side facing upward.**
- **Do not disassemble the side curtain air bag module.**

REMOVAL

1. Remove the headlining. Refer to INT-29, "Removal and Installation".
2. Disconnect the harness connector from the side curtain air bag module.

   CAUTION:

   - **For removing/installing the side curtain air bag module harness connector, insert a thin screwdriver wrapped in tape into the notch, lift the lock and remove the harness connector as shown.**
   - **Install the harness connector with the lock raised, and push the lock into the harness connector as shown.**
   - **After installing the harness connector, check that the lock is pushed in securely.**



3. Remove bolts, and side curtain air bag module.

CAUTION:

- **Replace the side curtain air bag module if it has been dropped or sustained an impact.**
- **Do not strike the side curtain air bag module.**
- **Do not insert any foreign objects (screwdriver, etc.) into the side curtain air bag module.**
- **Do not disassemble the side curtain air bag module.**
- **Do not expose the side curtain air bag module to temperatures exceeding 90 °C (194 °F).**
- **Do not allow oil, grease, detergent or water to come in contact with the side curtain air bag module.**

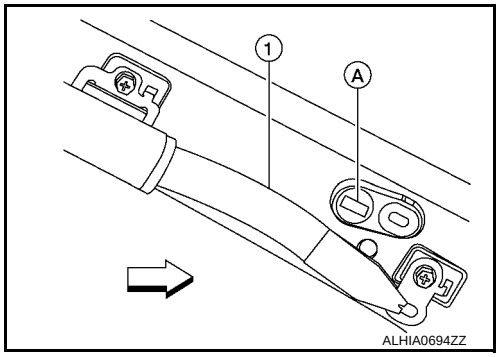
INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- **Do not damage the harness while installing the side curtain air bag module.**
- **Make sure that the side curtain air bag module bracket supporting hooks are securely seated into the body slots before releasing the side curtain air bag module during installation to avoid damaging the side curtain air bag module.**
- **Make sure that the anti-twist stripe (red for RH side, blue for LH side) is visible along entire length of side curtain air bag module.**
- **Make sure side curtain air bag module front strap (1) is routed below front pillar finisher attachment point (A) as shown.**

⇦ : Front



- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**

FRONT SIDE AIR BAG MODULE

Removal and Installation

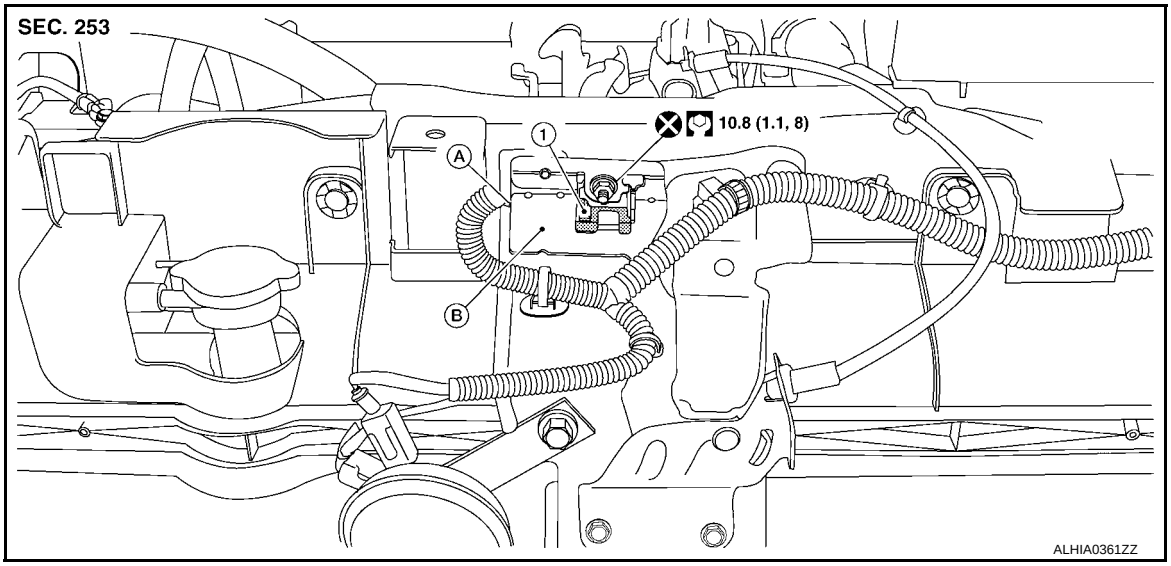
INFOID:0000000014626046

The front side air bag module is part of the front seatback. For removal and installation of the front seatback, refer to SE-49, "DRIVER SIDE : Seatback".

CRASH ZONE SENSOR

Exploded View

INFOID:0000000014626047



1. Crash zone sensor
A. Crash zone sensor harness connector
B. Bracket

Removal and Installation

INFOID:0000000014626048

WARNING:
- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Do not use air tools or electric tools for servicing.**

REMOVAL

1. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Remove front grille. Refer to EXT-33, "Removal and Installation".
3. Remove crash zone sensor nut.
   CAUTION:
   Do not reuse the crash zone sensor nut.
4. Disconnect crash zone sensor harness connector and remove crash zone sensor and bracket.

CAUTION:
- **Replace the crash zone sensor if it has been dropped or sustained an impact.**
- **Do not strike the crash zone sensor.**
- **Replace the crash zone sensor if either the driver air bag or the front passenger air bag has been deployed.**
- **Do not damage crash zone sensor harness connector.**

INSTALLATION

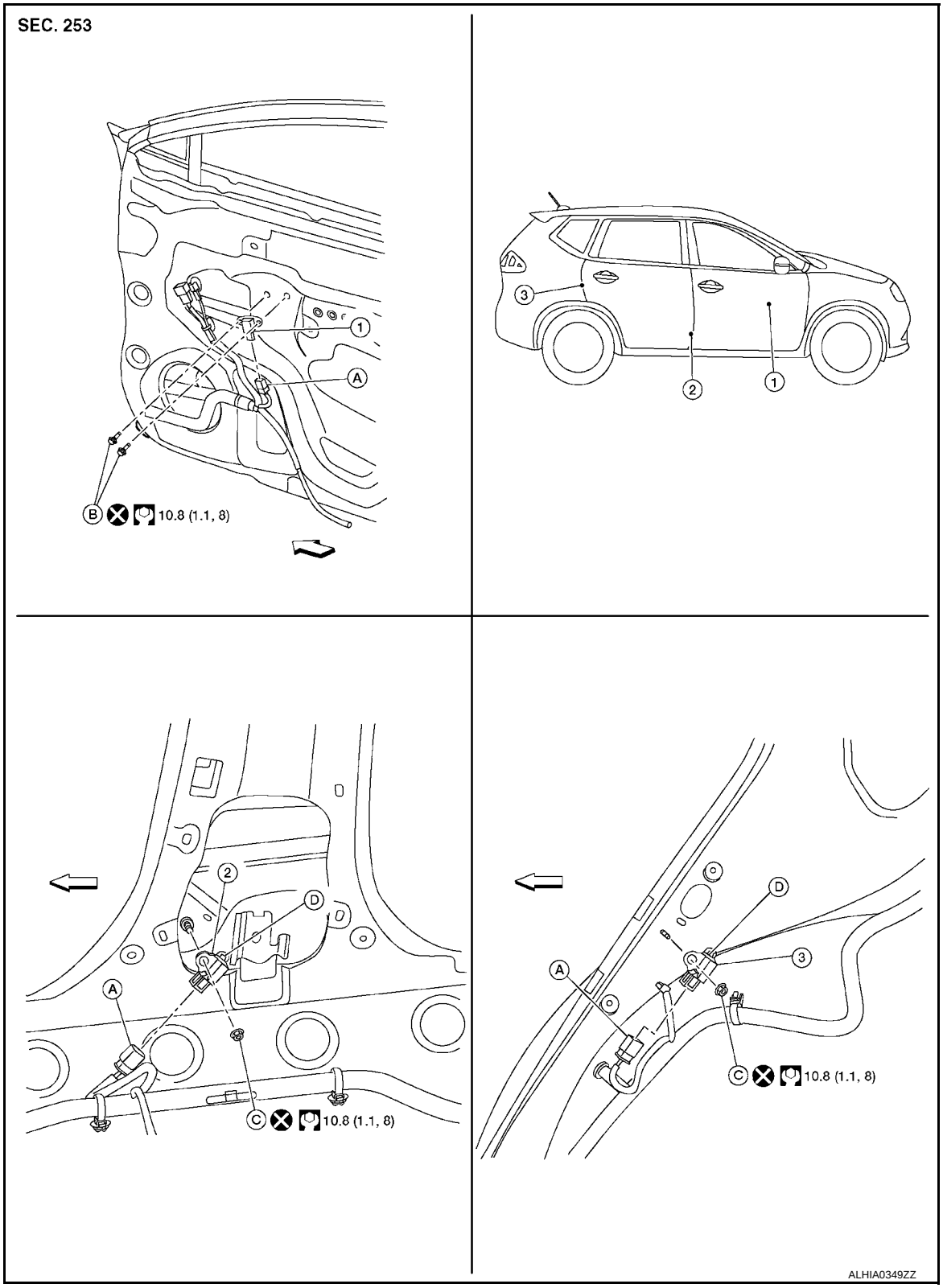
Installation is in the reverse order of removal.

CAUTION:
- **Do not reuse the crash zone sensor nut.**
- **Do not damage the crash zone sensor harness connector during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

SIDE AIR BAG (SATELLITE) SENSOR

Exploded View

INFOID:0000000014626049



1. Front door satellite sensor
2. Front side air bag satellite sensor
3. Rear side satellite sensor

A.	Satellite sensor harness connector	B	Bolt	C.	Nut
D.	Pawl	⇦	Front		

NOTE:
RH side shown, LH side similar.

Removal and Installation

INFOID:0000000014626050

WARNING:
- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Do not use air tools or electric tools for servicing.**

FRONT SIDE AIR BAG (SATELLITE) SENSOR

Removal

1. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Remove the center pillar lower finisher. Refer to INT-22, "CENTER PILLAR LOWER FINISHER : Removal and Installation".
3. Disconnect the harness connector from the seat belt retractor pre-tensioner, remove bolt then place aside the front seat belt retractor.
4. Remove the front side air bag satellite sensor nut.
   CAUTION:
   Do not reuse the front side air bag satellite sensor nut.
5. Disconnect the harness connector from the front side air bag satellite sensor and remove.
   CAUTION:
   - **Replace the front side air bag satellite sensor if it has been dropped or sustained an impact.**
   - **Do not strike the front side air bag satellite sensor.**

Installation

Installation is in the reverse order of removal.
- Position the front side air bag satellite sensor using the stud before tightening the nut to specification.

CAUTION:
- **Make sure front side air bag satellite sensor is flat against vehicle body before tightening nut to specification.**
- **Do not reuse the front side air bag satellite sensor nut.**
- **Do not damage the harness connector during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

REAR SIDE AIR BAG (SATELLITE) SENSOR

Removal

1. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Remove the luggage side lower finisher. Refer to INT-32, "LUGGAGE SIDE LOWER FINISHER : Removal and Installation".
3. Remove the rear side air bag satellite sensor nut.
   CAUTION:
   Do not reuse the rear side air bag satellite sensor nut.
4. Disconnect the harness connector from the rear side air bag satellite sensor and remove.
   CAUTION:
   - **Replace the rear side air bag satellite sensor if it has been dropped or sustained an impact.**
   - **Do not strike the rear side air bag satellite sensor.**

Installation

Installation is in the reverse order of removal.

• Position the rear side air bag satellite sensor using the stud before tightening the nut to specification.

CAUTION:

- **Make sure rear side air bag satellite sensor is flat against vehicle body before tightening nut to specification.**
- **Do not reuse the rear side air bag satellite sensor nut.**
- **Do not damage the harness connector during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

FRONT DOOR (SATELLITE) SENSOR

Removal

1. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Remove the front door finisher. Refer to INT-15, "Removal and Installation".
3. Disconnect harness connector from front door speaker and blind spot warning light, then release harness clip from front door panel.
4. Partially remove front door vapor barrier.
5. Remove the front door satellite sensor bolts.
   CAUTION:
   Do not reuse the front door satellite sensor bolts.
6. Disconnect the harness connector from the front door satellite sensor and remove.
   CAUTION:
   - **Replace the front door satellite sensor if it has been dropped or sustained an impact.**
   - **Do not strike the front door satellite sensor.**

Installation

Installation is in the reverse order of removal.

• Position front door satellite sensor using pawl before tightening the bolts to specification.

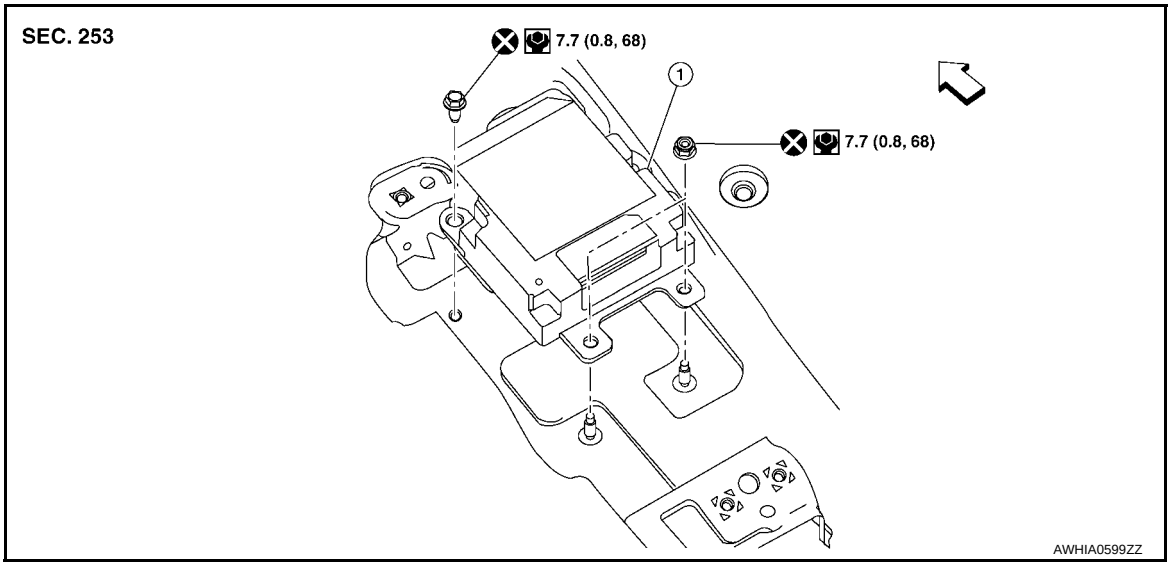
CAUTION:

- **Make sure front door satellite sensor is flat against vehicle body before tightening bolts to specification.**
- **Do not reuse the front door satellite sensor bolts.**
- **Do not damage the harness connector during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

AIR BAG DIAGNOSIS SENSOR UNIT

Exploded View

INFOID:0000000014626051



1. Diagnosis sensor unit ⇦ Front

Removal and Installation

INFOID:0000000014626052

WARNING:

- **Before servicing the SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least three minutes.**
- **Before disconnecting the air bag diagnosis sensor unit harness connectors, be sure to disconnect each harness connector of the side curtain air bag modules, front seat belt pre-tensioner, and front side air bag module, to prevent accidental air bag deployment by static electricity and seat belt pre-tensioner operation.**
- **Do not use the air tools or electric tools for servicing.**
- **When replacing the air bag diagnosis sensor unit, always check with the parts department for the latest parts information. Installing an incorrect air bag diagnosis sensor unit may or may not cause the air bag warning lamp to illuminate and may cause incorrect deployment of the supplemental air bags and seat belt pre-tensioners in a collision resulting in serious personal injury or death.**

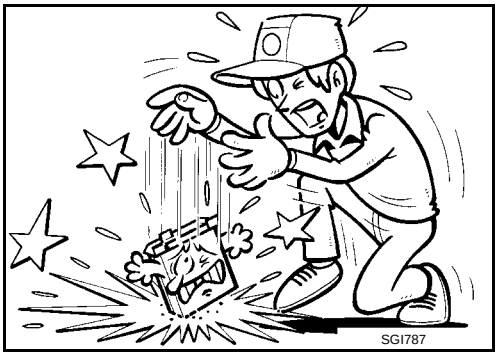
REMOVAL

CAUTION:

Before replacing air bag diagnosis sensor unit, perform “Before Replace ECU” of “Read / Write Configuration” to save or print current vehicle specification. Refer to SRC-38, "ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Description".

1. Always check the air bag diagnosis sensor unit ECU discriminated number (identification number) or part number using CONSULT.
2. Disconnect battery negative and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
3. Remove center console assembly. Refer to IP-18, "Removal and Installation".
4. Disconnect the harness connectors for the following SRS components: SR-20, "Removal and Installation" (side curtain air bag modules), SR-29, "Removal and Installation" (front seat belt pre-tensioner) and SR-18, "Removal and Installation" (front side air bag module).
5. Disconnect the harness connectors from the diagnosis sensor unit.
6. Remove bolt and nuts, then remove the air bag diagnosis sensor unit.
   CAUTION:
   - **Do not reuse the air bag diagnosis sensor unit bolt and nuts.**
   - **Replace the air bag diagnosis sensor unit if any SRS air bag has been deployed or if any front seat belt pre-tensioner has been deployed.**

- **Replace the air bag diagnosis sensor unit if it has been dropped or sustained an impact.**
- **Do not strike the air bag diagnosis sensor unit.**



INSTALLATION

CAUTION:

Be sure to perform “After Replace ECU” of “Read / Write Configuration” or “Manual Configuration” when replacing air bag diagnosis sensor unit. Refer to SRC-38, "ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Description".

Installation is in the reverse order of removal.

CAUTION:

- **Do not reuse the air bag diagnosis sensor unit bolt and nuts.**
- **The air bag diagnosis sensor unit must always be installed with the label arrow mark "⬅" pointing toward the front of the vehicle for proper operation.**
- **Do not damage the air bag diagnosis sensor unit harness connectors during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**
- **After replacing the air bag diagnosis sensor unit, confirm using CONSULT that the ECU discriminated number (identification number) or part number of the new replacement air bag diagnosis sensor unit matches the ECU discriminated number (identification number) or part number of the replaced (old) air bag diagnosis sensor unit.**

NOTE:

If the ECU discriminated number or part number of the new replacement air bag diagnosis sensor unit differs from the ECU discriminated number or part number of the replaced air bag diagnosis sensor unit, reconfirm the parts information and verify that the correct air bag diagnosis sensor unit was installed.

FRONT SEAT BELT PRE-TENSIONER

Removal and Installation

INFOID:0000000014626053

The front seat belt has two pre-tensioners. One pre-tensioner is part of the seat belt retractor and the other is a lap belt pre-tensioner. For removal and installation refer to SB-8, "SEAT BELT RETRACTOR : Removal and Installation" (seat belt retractor) and SB-8, "Exploded View" (lap belt pretensioner).

FRONT SEAT BELT BUCKLE SWITCH

Removal and Installation

INFOID:0000000014626054

The front seat belt buckle switch is part of the front seat belt buckle. For removal and installation of the front seat belt buckle, refer to SB-11, "FRONT SEAT BELT BUCKLE : Removal and Installation".

OCCUPANT CLASSIFICATION SYSTEM

Removal and Installation

INFOID:0000000014626055

OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT

WARNING:

- **When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **Before servicing SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least 3 minutes.**

CAUTION:

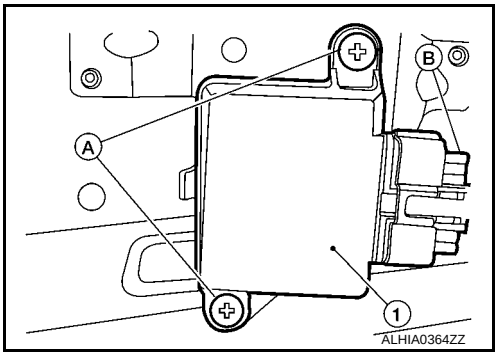
- **When working with the metal seat frame, use caution to avoid injury from sharp edges.**
- **When disconnecting or connecting the harness and harness connectors, handle them carefully to avoid damage.**

Removal

1. Slide front seat passenger side to full forward position.
2. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
3. Remove occupant classification system control unit screws (A).
4. Disconnect the harness connector (B) and remove occupant classification system control unit (1).

   CAUTION:

   - **Replace the occupant classification control unit if it has been dropped or sustained an impact.**
   - **Do not strike the occupant classification control unit.**



Installation

Installation is in the reverse order of removal.

WARNING:

- **After installation is complete, perform additional services (Zero point reset) when replacing control unit. Refer to SRC-39, "ZERO POINT RESET : Special Repair Requirement".**
- **Zero point reset must be performed every time the occupant classification system control unit is removed or replaced.**
- **Zero point reset is done after the front passenger seat is installed in vehicle and all nuts and bolts are tightened to specification.**

CAUTION:

- **Do not damage the harness connector during installation.**
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

OCCUPANT CLASSIFICATION SYSTEM SENSORS

WARNING:

- **When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.**
- **Before servicing SRS, turn ignition switch OFF, disconnect both battery terminals then wait at least 3 minutes.**

CAUTION:

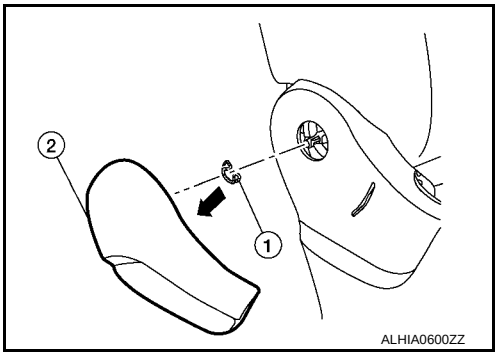
- **When working with the metal seat frame, use caution to avoid injury from sharp edges.**
- **When removing or installing the seat trim, handle it carefully to keep dirt out and to avoid damage.**

- **When removing or installing the seat, use shop cloths to protect components from damage.**
- **When disconnecting or connecting the harness and harness connectors, handle them carefully to avoid damage.**

Removal

1. Disconnect battery negative terminal and battery positive terminal, then wait at least three minutes. Refer to PG-128, "Battery Disconnect".
2. Remove the seat cushion outer finisher (RH) from the front passenger seat using the following procedure.

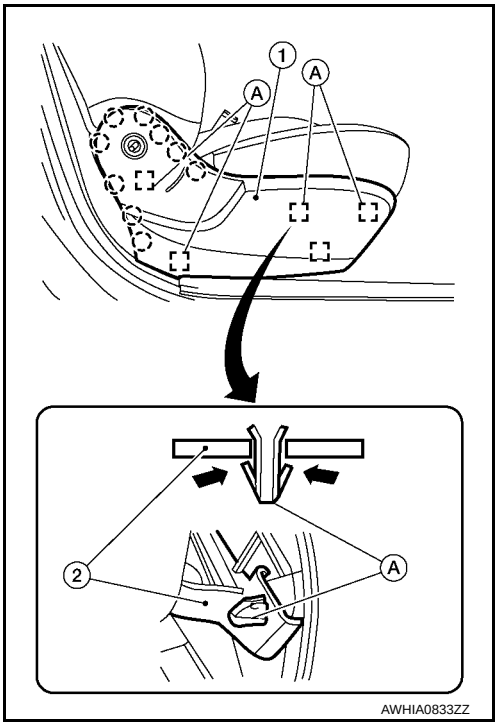
a. Remove the snap ring (1) using a suitable tool, then remove the recline lever (2) as shown.



b. Release the pawls and metal clips (A) from the seat frame (2) and pull the seat cushion outer finisher (RH) (1) away from the seat assembly.

: Metal clip

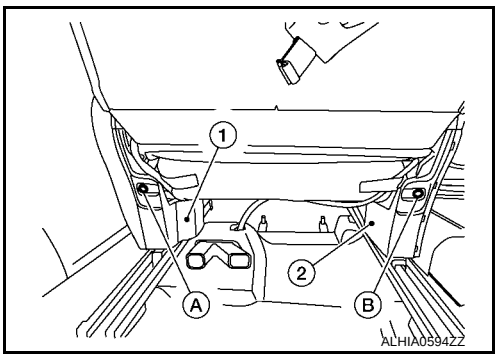
: Pawl



3. Release the two seatback J-clip retainers from under the rear of the seat frame assembly.
4. Remove the seat cushion inner finishers (LH/RH) using the following procedure.

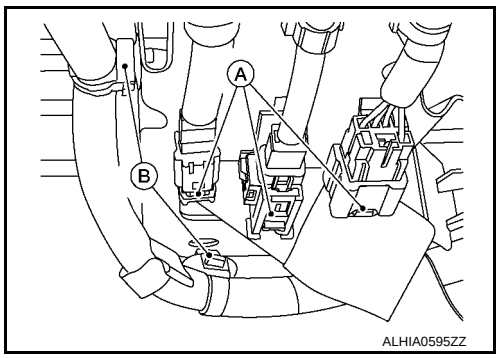
a. Remove the screw (A), then remove seat cushion inner finisher (LH) (1) from the seat frame assembly.

b. Remove the screw (B), then remove seat cushion inner finisher (RH) (2) from the seat frame assembly.



5. Disconnect the seat harness using the following procedure.

a. Disconnect the harness connectors (A).
b. Release the harness clips (B) from the seat harness bracket.

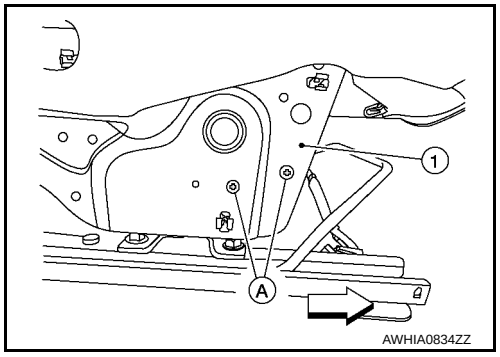


6. Disconnect the harness connectors from the front and rear occupant classification system sensors.
7. Remove the harness bracket from the front passenger seat using the following procedure.

a. Remove screws (A) that secure the harness bracket to the seat frame (1).

⇦ : Front

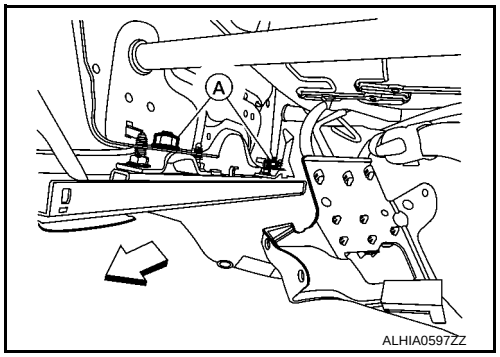
b. Position seat harness bracket aside.



8. Remove the front passenger seat frame assembly from the seat tracks using the following procedure.

a. Remove the nuts (A) from the RH (outboard) side of the seat frame assembly.
CAUTION:
Do not reuse nuts (A).

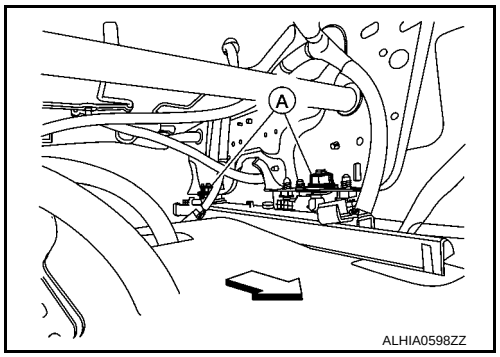
⇦ : Front



b. Remove the nuts (A) from the LH (inboard) side of the seat frame assembly.
CAUTION:
Do not reuse nuts (A).

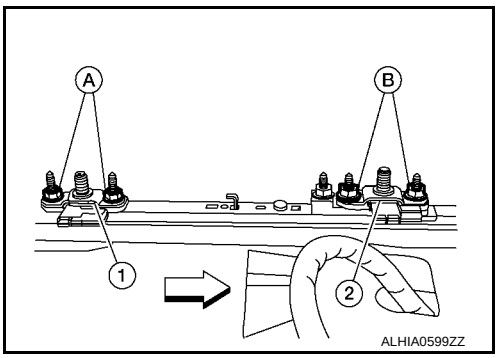
⇦ : Front

c. Remove the front passenger seat frame from the seat tracks and position to the rear.



9. Remove occupant classification system sensors using the following procedure.

a. Remove the nuts (A) from the rear occupant classification system sensor (1).
CAUTION:
Do not reuse nuts (A).



⇦ : Front

b. Remove the rear occupant classification system sensor (1).
c. Remove the nuts (B) from the front occupant classification system sensor (2).
CAUTION:
Do not reuse nuts (B).
d. Remove the front occupant classification system sensor (2).

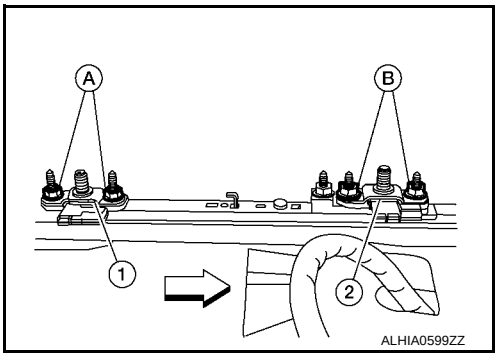
Installation

WARNING:
- **After installation is complete, perform additional services (Zero point reset) when installing occupant classification system sensors. Refer to SRC-39, "ZERO POINT RESET : Special Repair Requirement".**
- **Zero point reset must be performed every time the front passenger seat is removed.**
- **Zero point reset is done after the front passenger seat is installed in vehicle and all nuts and bolts are tightened to specification.**

CAUTION:
- **After installation is complete, check that no system malfunction is detected causing the air bag warning lamp to illuminate.**
- **If a malfunction is indicated by the air bag warning lamp after repair or replacement of the malfunctioning parts, perform the SRS final check. Refer to SRC-15, "Trouble Diagnosis with CONSULT".**

1. Install the occupant classification system sensors using the following procedure.

a. Install the rear occupant classification system senor (1).



⇦ : Front

b. Install the nuts (A) to the rear occupant classification system sensor (1) and tighten to specification.
CAUTION:
Do not reuse nuts (A).

Occupant classification system sensor nuts (A) : 22 N·m (2.2 kg-m, 16 ft-lb)

c. Install front occupant classification system senor (2).
d. Install the nuts (B) to the front occupant classification system sensor (2) and tighten to specification.
CAUTION:
Do not reuse nuts (B).

Occupant classification system sensor nuts (B) : 22 N·m (2.2 kg-m, 16 ft-lb)

2. Install the front passenger seat frame assembly using the following procedure.
a. Place the seat frame assembly onto the four studs.
CAUTION:
Make sure the seat frame assembly is installed correctly on all four studs.

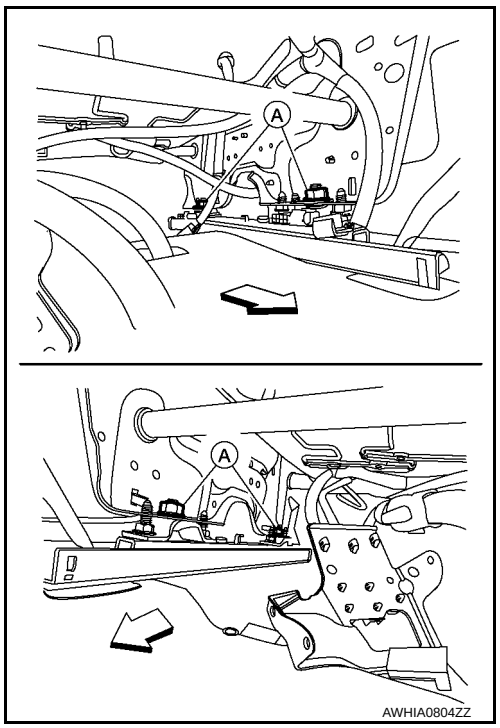
b. Install the nuts (A) to the seat frame assembly and tighten to specification in the following sequence.

CAUTION:
Do not reuse nuts (A).

Torque sequence:
1: Front LH side (inboard)
2: Rear LH side (inboard)
3: Front RH side (outboard)
4: Rear RH side (outboard)

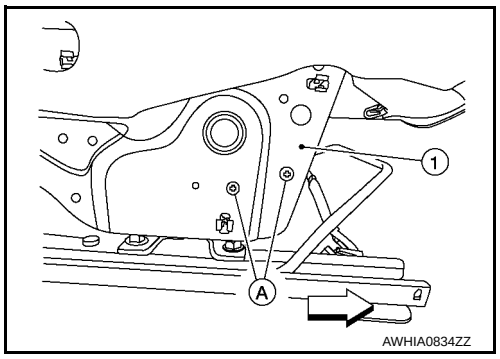
Seat frame assembly nuts (A) : 45 N·m (4.6 kg-m, 33 ft-lb)

⇦ : Front



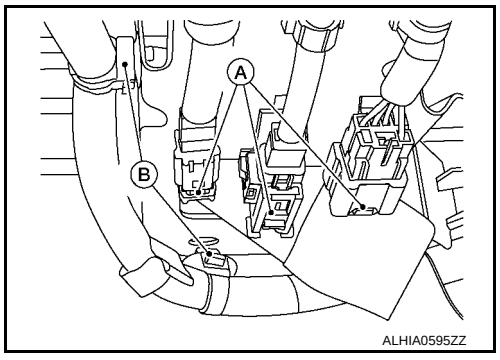
3. Connect the harness connectors to the front and rear occupant classification system sensors.
4. Install the harness bracket to the front passenger seat frame (1) and secure using screws (A).

⇦ : Front



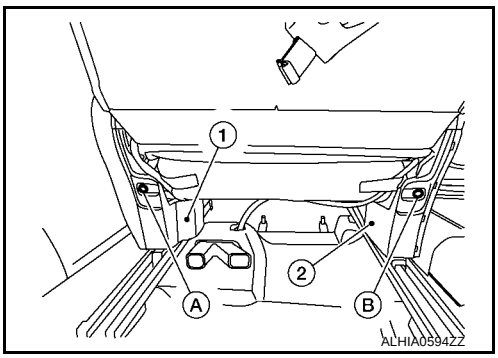
5. Connect the harness connector at the seat slide motor (if equipped) and attach the harness clip to the seat frame assembly.
6. Connect the seat harness and connectors to the front passenger seat using the following procedure.

a. Connect the harness connectors (A).
b. Attach the harness clips (B) to the seat harness bracket.

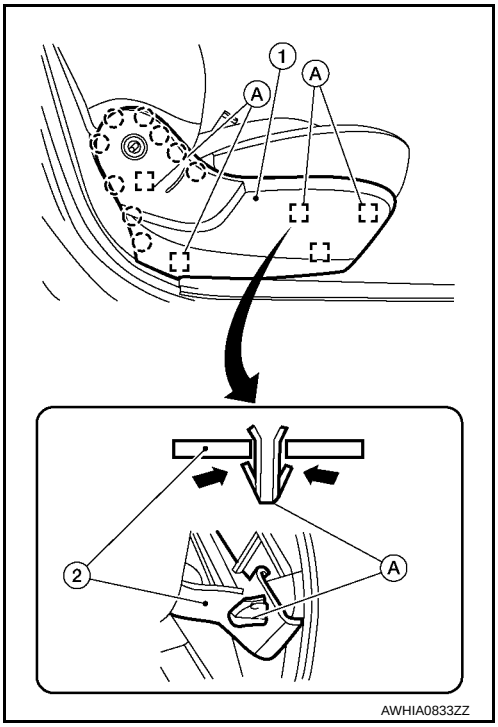


7. Install the seat cushion inner finishers (LH/RH) using the following procedure.

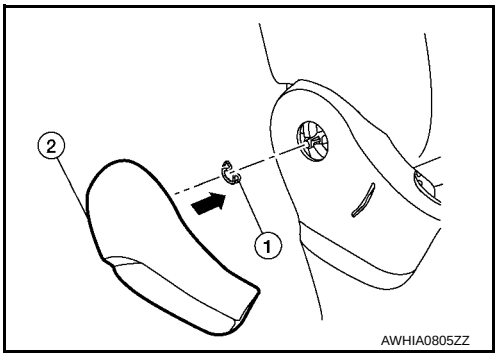
a. Install the seat cushion inner finisher (LH) (1) to the seat frame assembly, then install the screw (A).
b. Install the seat cushion inner finisher (RH) (2) to the seat frame assembly, then install the screw (B).



8. Attach the two seatback J-clip retainers under the rear of the seat frame assembly.
9. Install the seat cushion outer finisher (RH) (1) to the front passenger seat.
   NOTE:
   Make sure the metal clips (A) are secured into the seat frame (2).



10. Install the recline lever (2) and the snap ring (1) using a suitable tool.



11. Operate the seat slide and make sure both tracks lock in place at each adjustment point.

FRONT PASSENGER AIR BAG OFF INDICATOR

Removal and Installation

INFOID:0000000014626056

REMOVAL

1. Remove A/C switch assembly. Refer to HAC-119, "Removal and Installation".
2. Remove screws and the front passenger air bag off indicator from cluster lid C.

INSTALLATION

Installation is in the reverse order of removal.