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SECTION **ACC**

ACCELERATOR CONTROL SYSTEM

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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

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

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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. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the "SRS AIRBAG" and "SEAT BELT" 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, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, 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 "SRS AIRBAG".**
- **Never 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

When working near the Airbag Diagnosis Sensor Unit or other Airbag System sensors while ignition switch is ON or engine is running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration may activate the sensor(s), deploy the airbag(s), possibly cause serious injury. When using air or electric power tools or hammers, always turn OFF ignition switch, disconnect the battery, and wait 3 minutes or more before performing any service.

ACCELERATOR CONTROL SYSTEM

< ON-VEHICLE REPAIR >

ON-VEHICLE REPAIR

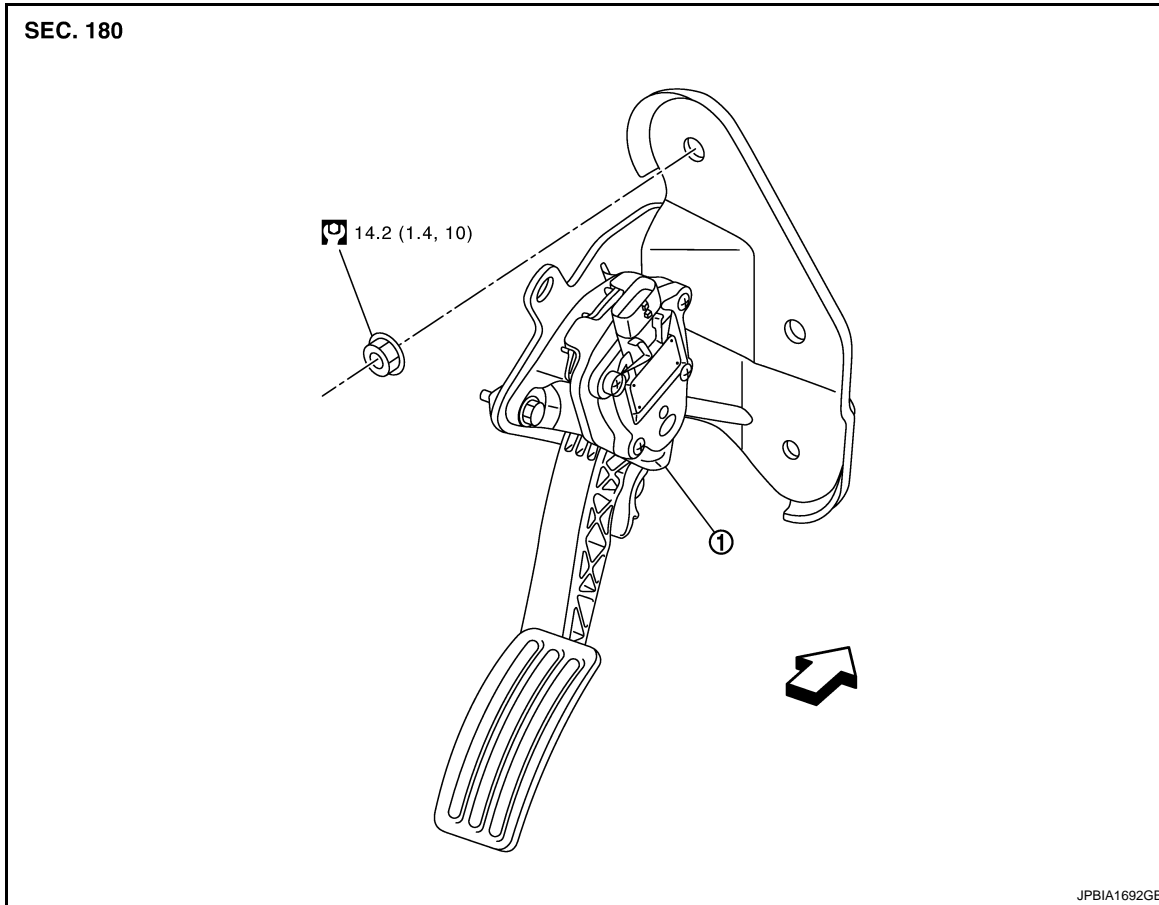
ACCELERATOR CONTROL SYSTEM

Exploded View

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1. Accelerator pedal assembly

↔ : Vehicle front

Refer to [GI-4, "Components"](#) for symbols in the figure.

Removal and Installation

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REMOVAL

1. Disconnect accelerator pedal position sensor harness connector.
2. Remove accelerator pedal assembly.

CAUTION:

- Never disengage accelerator pedal assembly and bracket.
- Never disassemble accelerator lever. Never remove accelerator pedal position sensor from accelerator lever.
- Avoid impact from dropping etc. during handling.
- Be careful to keep accelerator lever away from water.

INSTALLATION

Install in the reverse order of removal.

Inspection

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INSPECTION AFTER INSTALLATION

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ACCELERATOR CONTROL SYSTEM

< ON-VEHICLE REPAIR >

- Check accelerator pedal moves smoothly within the whole operation range when it is fully depressed and released.
- Check accelerator pedal securely returns to the fully released position.
- For the electrical inspection of accelerator pedal position sensor, refer to [EC-415, "Component Inspection"](#), [EC-418, "Component Inspection"](#) and [EC-426, "Component Inspection"](#).
- **CAUTION:**
When harness connector of accelerator pedal position sensor is disconnected, perform "Accelerator Pedal Released Position Learning". Refer to [EC-17, "ACCELERATOR PEDAL RELEASED POSITION LEARNING : Description"](#).