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# SECTION ACC

## ACCELERATOR CONTROL SYSTEM

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# PRECAUTIONS

## PRECAUTIONS

PFP:00001

### Precautions for Supplemental Restraint System (SRS) “AIR BAG” and “SEAT BELT PRE-TENSIONER”

ABS00DAE

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 and SB section of this Service Manual.

#### **WARNING:**

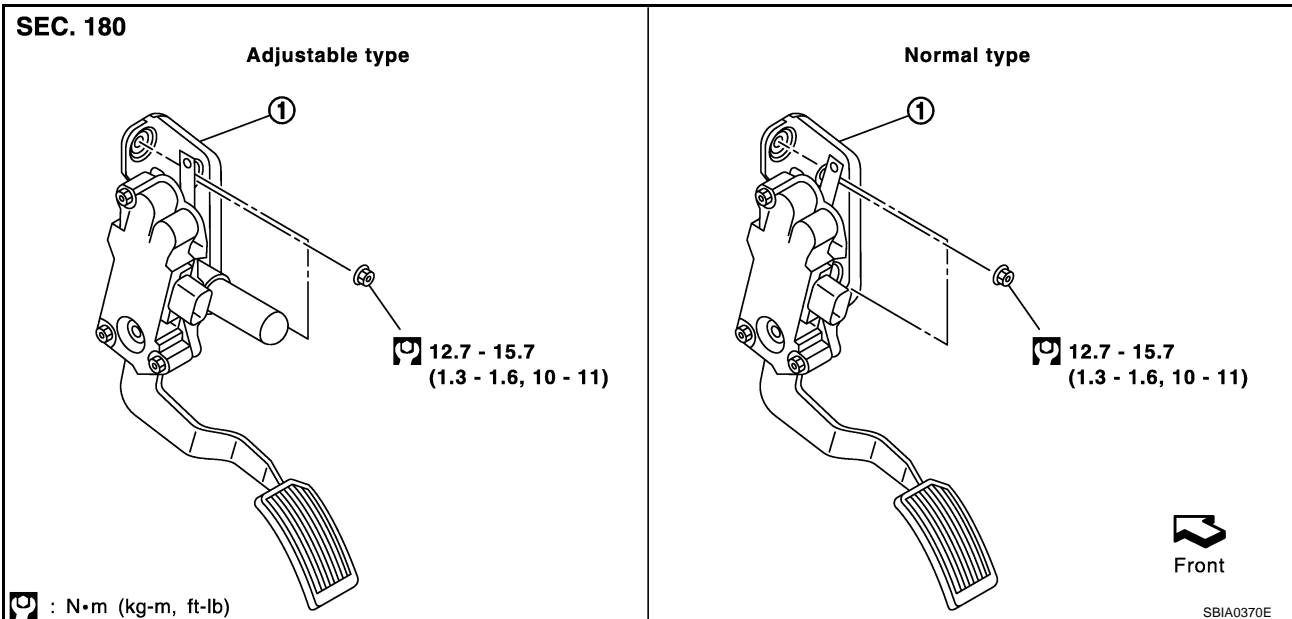
- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation 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 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.

## ACCELERATOR CONTROL SYSTEM

PFP:18005

### Removal and Installation

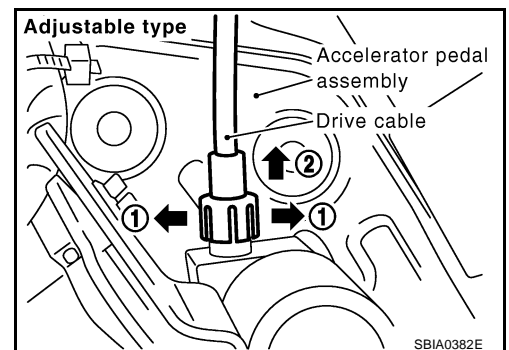
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1. Accelerator pedal assembly

### REMOVAL

1. Move accelerator and brake pedals to the front most position (Adjustable type).
2. Turn ignition switch "OFF" and disconnect negative battery terminal.
3. Disconnect accelerator pedal position sensor harness connector.
4. Disconnect drive cable from accelerator pedal assembly (Adjustable type).
  - Unlock (1) then pull (2) to disconnect drive cable.



5. Loosen nuts, and remove accelerator pedal assembly.

#### CAUTION:

- Before removal and installation accelerator and brake pedals must be in front most position. This is to align the base position of accelerator and brake pedals (Adjustable type).
- Do not disassemble accelerator pedal assembly. Do not remove accelerator pedal position sensor from accelerator pedal assembly.
- Adjusting mechanism for accelerator pedal position is not able to disassemble (Adjustable type).
- Avoid impact from dropping etc. during handling.
- Be careful to keep accelerator pedal assembly away from water.

#### NOTE:

Drive cable of the adjustable type accelerator pedal assembly is a component of brake pedal. Refer to [BR-6, "BRAKE PEDAL"](#).

### INSTALLATION

Install in the reverse order of removal.

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# ACCELERATOR CONTROL SYSTEM

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## INSPECTION AFTER INSTALLATION

- Make sure accelerator pedal moves smoothly within the whole operation range when it is fully depressed and released.
- Make sure accelerator pedal securely returns to the fully released position.
- Check operation conditions in forward and rearward movement of accelerator pedal assembly (Adjustable type). Refer to [BR-6, "BRAKE PEDAL"](#) .
- For the electrical inspection of accelerator pedal position sensor, refer to [EC-615, "DTC P2122, P2123 APP SENSOR"](#) , [EC-621, "DTC P2127, P2128 APP SENSOR"](#) and [EC-635, "DTC P2138 APP SENSOR"](#) .

**CAUTION:**

When harness connector of accelerator pedal position sensor is disconnected, perform “Accelerator Pedal Released Position Learning”. Refer to [EC-89, "Accelerator Pedal Released Position Learning"](#) .