

SECTION **ACC**
ACCELERATOR CONTROL SYSTEM

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PRECAUTIONS

< PRECAUTION >

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. 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.

ACCELERATOR CONTROL SYSTEM

< REMOVAL AND INSTALLATION >

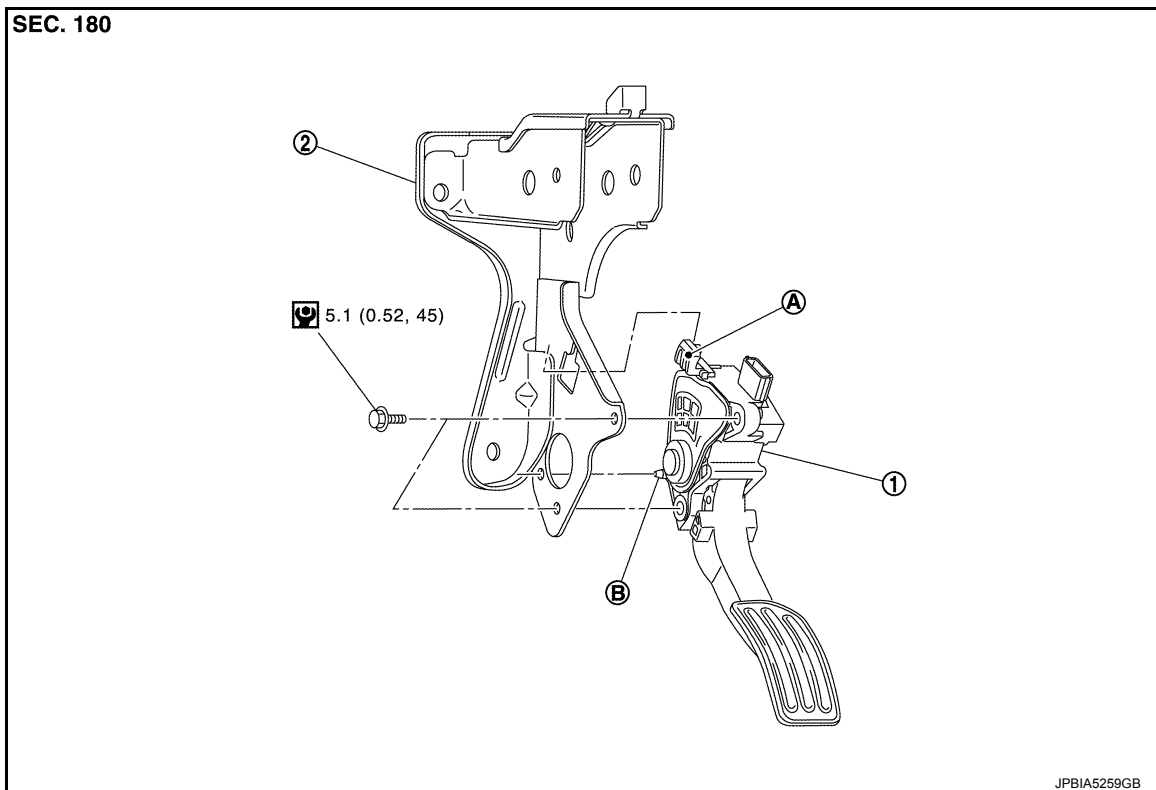
REMOVAL AND INSTALLATION

ACCELERATOR CONTROL SYSTEM

Exploded View

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ACC



1. Accelerator pedal assembly
B. Locating pin

2. Brake pedal bracket

A. Locating hook

Removal and Installation

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REMOVAL

1. Remove instrument lower panel LH. Refer to [IP-21, "Removal and Installation"](#).
2. Disconnect the harness connector from the accelerator pedal assembly.
3. Loosen bolts and remove accelerator pedal assembly.

CAUTION:

- Do not disassemble accelerator pedal assembly.
- Do not remove accelerator pedal position sensor from accelerator pedal assembly.
- Do not drop or impact the accelerator pedal assembly.
- Do not expose the accelerator pedal assembly to water.

INSTALLATION

Installation is in the reverse order of removal.

- Insert the locating hook and pin into the brake pedal bracket.

CAUTION:

Do not squeeze the locating hook into the brake pedal bracket when inserting the locating pin into the hole on the brake pedal bracket side.

Inspection

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INSPECTION AFTER INSTALLATION

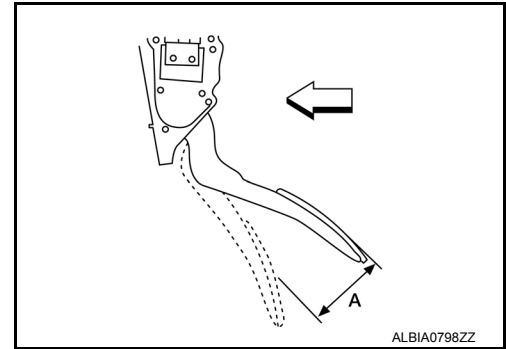
ACCELERATOR CONTROL SYSTEM

< REMOVAL AND INSTALLATION >

- Check that the accelerator pedal moves smoothly within the specified range.

⇐: Front

Accelerator pedal stroke (A) : Refer to [ACC-5, "Accelerator Control"](#)



- For the electrical inspection of accelerator pedal position sensor. Refer to [EC-142, "Description"](#).

CAUTION:

- Whenever the harness connector of accelerator pedal position sensor is disconnected, perform "ACCELERATOR PEDAL RELEASED POSITION LEARNING". Refer to [EC-142, "Description"](#).
- The accelerator pedal should return smoothly to the fully raised position.

SERVICE DATA AND SPECIFICATIONS (SDS)

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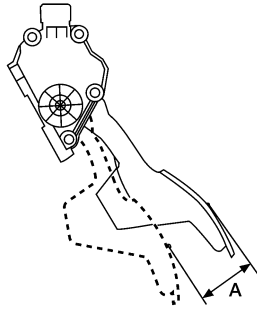
Accelerator Control

INFOID:0000000012788323

A

ACC

Unit: mm (in)



ALBIA0168GB

Accelerator pedal stroke (A)

49.8 - 52.6 (1.96 - 2.07)

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