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# SECTION ACC

## ACCELERATOR CONTROL SYSTEM

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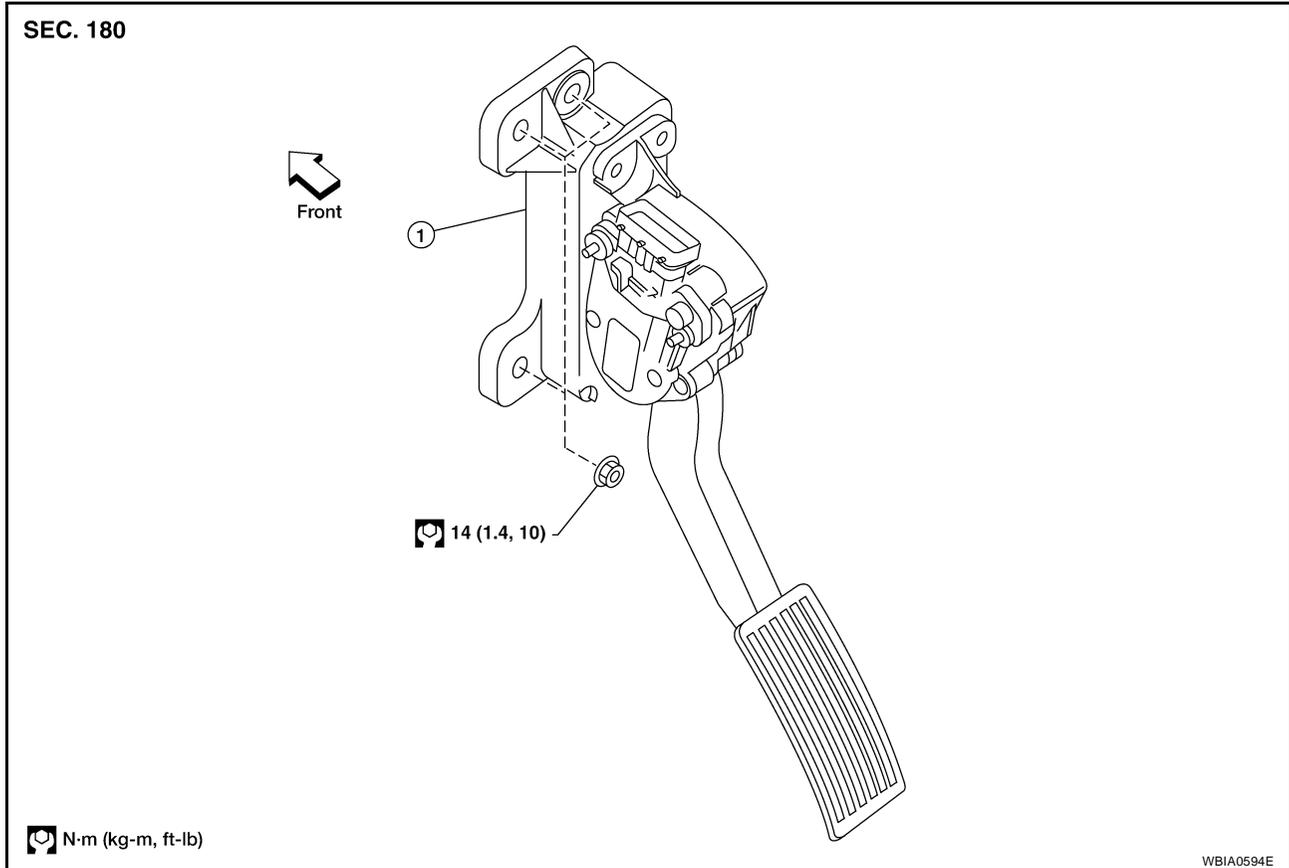
# ACCELERATOR CONTROL SYSTEM

## ACCELERATOR CONTROL SYSTEM

PF0:18005

### Components

EBS00M6S



1. Non-adjustable accelerator pedal assembly

### CAUTION:

- Do not disassemble the accelerator pedal assembly.
- Do not remove the accelerator pedal position sensor from the accelerator pedal bracket.
- Avoid damage from dropping the accelerator pedal assembly during handling.
- Keep the accelerator pedal assembly away from water.

## Removal and Installation

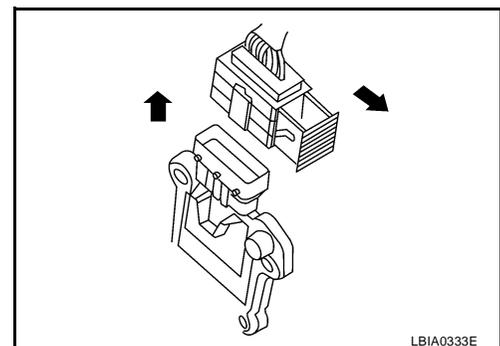
EBS00M6T

### REMOVAL

1. Disconnect the negative battery terminal.
2. Disconnect the accelerator position sensor electrical connector.
  - a. Pull the connector lock back to unlock the connector from the accelerator pedal position sensor as shown.
  - b. Pull up on the connector to disconnect it from the accelerator pedal position sensor as shown.
3. Remove the two upper and one lower accelerator pedal nuts.
4. Remove the accelerator pedal assembly.

### CAUTION:

- Do not disassemble the accelerator pedal assembly.
- Do not remove the accelerator pedal position sensor from the accelerator pedal bracket.
- Avoid damage from dropping the accelerator pedal assembly during handling.
- Keep the accelerator pedal assembly away from water.



### INSTALLATION

Installation is in the reverse order of removal.

# ACCELERATOR CONTROL SYSTEM

## INSPECTION AFTER INSTALLATION

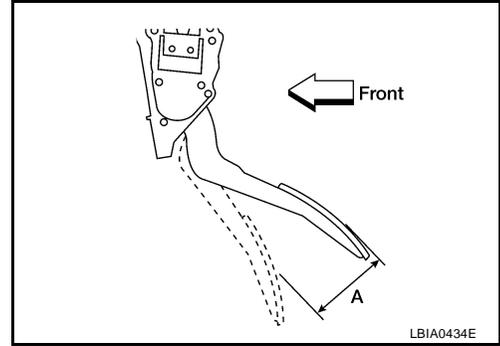
- Check that the accelerator pedal moves smoothly within the specified range.

**Accelerator pedal - total pedal applied stroke "A"** : 48 mm (1.89 in)

- Check that the accelerator pedal smoothly returns to the original position.
- Perform an electrical inspection of the accelerator pedal position sensor. Refer to [EC-584, "DTC P2138 APP SENSOR"](#) (QR), [EC-1289, "DTC P2138 APP SENSOR"](#) (VQ).

**CAUTION:**

When the harness connector of the accelerator pedal position sensor is disconnected, perform "Accelerator Pedal Released Position Learning". Refer to [EC-96, "Accelerator Pedal Released Position Learning"](#) (QR), [EC-720, "Accelerator Pedal Released Position Learning"](#) (VQ).



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# SERVICE DATA AND SPECIFICATIONS (SDS)

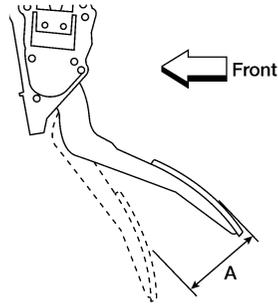
## SERVICE DATA AND SPECIFICATIONS (SDS)

PFP:00030

### Accelerator Control ACCELERATOR PEDAL

EBS00M6U

Unit: mm (in)



LBIA0434E

Accelerator pedal - total pedal applied stroke "A"

48 (1.89)