SECTION **ACC**

ACCELERATOR CONTROL SYSTEM
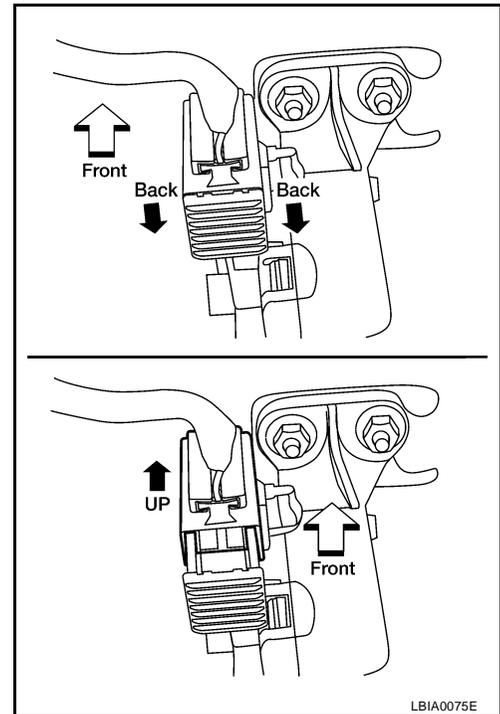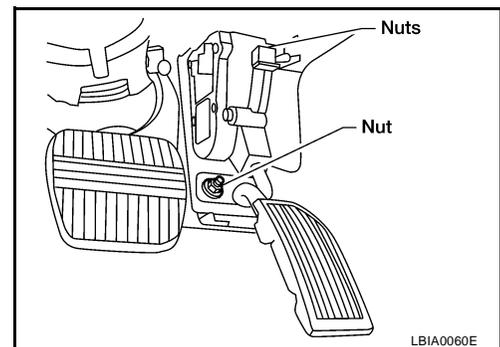
CONTENTS

ACCELERATOR CONTROL SYSTEM

PFP:18005

Removal and Installation

EBS008QZ

1. 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.
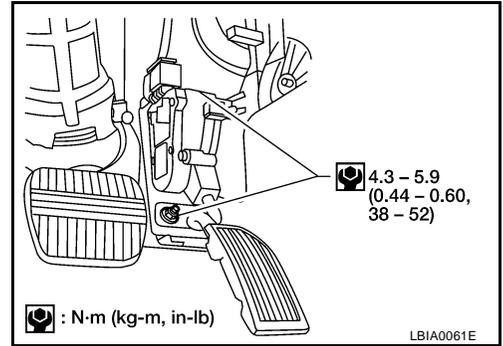b. Pull up on the connector to disconnect it from the accelerator pedal position sensor as shown.

LBIA0075E

2. Remove the upper and lower accelerator pedal nuts.

LBIA0060E

3. Remove the accelerator pedal and accelerator position sensor assembly.
a. Do not disassemble the pedal assembly. Do not remove the accelerator pedal position sensor from the pedal assembly.
b. Avoid impact from dropping during handling.
c. Keep the pedal assembly away from water.
d. For electrical inspection of the accelerator pedal position sensor. Refer to EC-49, "Accelerator Pedal Released Position Learning" .
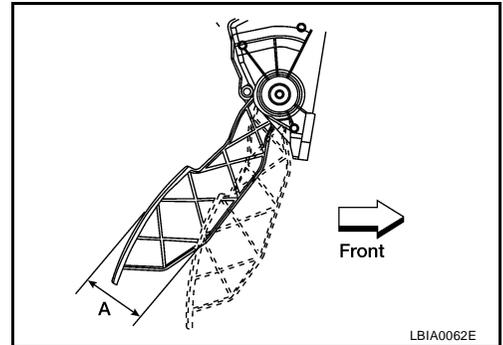
4. Installation should be performed in the reverse procedure of removal.
    - When the harness connector of the accelerator pedal position sensor is disconnected, perform the "Accelerator pedal position released learning". Refer to EC-49, "Accelerator Pedal Released Position Learning" .
    - Check the accelerator pedal for smooth operation. There should be no binding or sticking when applying or releasing the accelerator pedal.

4.3 – 5.9
(0.44 – 0.60,
38 – 52)

: N·m (kg-m, in-lb)

LBIA0061E

    - Check that the accelerator pedal moves through the full specified distance of pedal travel.

    Pedal travel   **: 52.6 - 58.2 mm (2.07 - 2.29 in)**
    A

Front

A

LBIA0062E

SERVICE DATA AND SPECIFICATIONS (SDS)

PFP:00030

Accelerator Control

EBS008R0

PEDAL TRAVEL

Accelerator control pedal - total travel	52.6 - 58.2 mm (2.07 - 2.29 in)