

SECTION

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ACCELERATOR CONTROL SYSTEM

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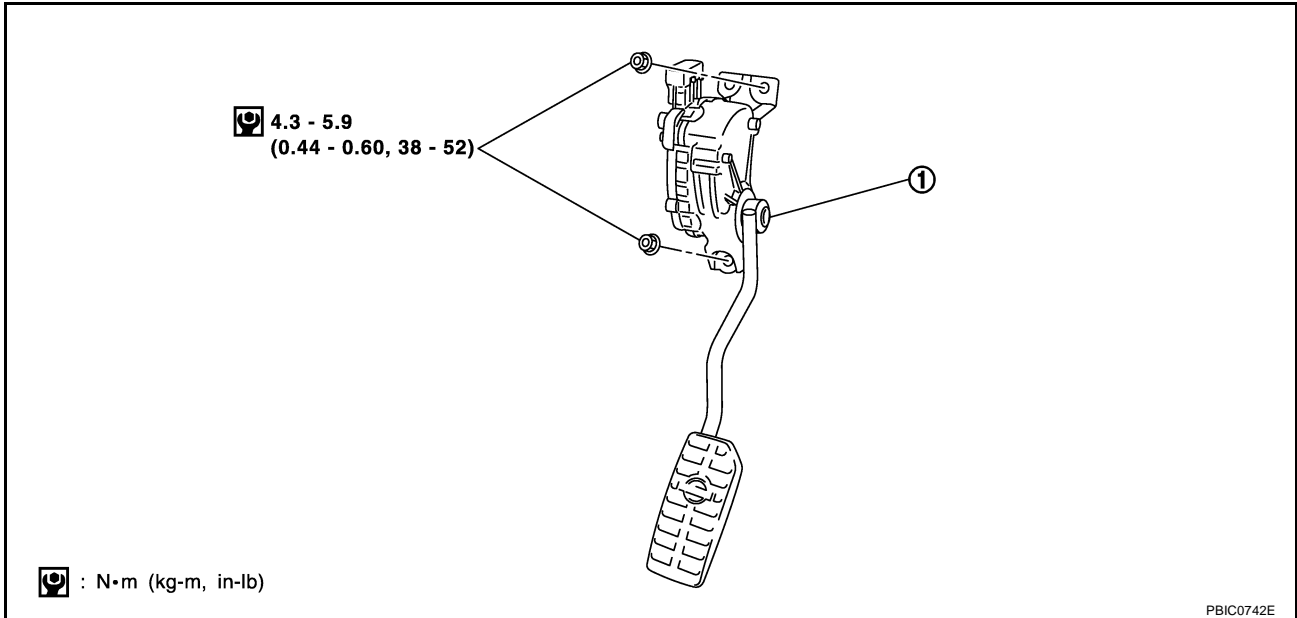
ACCELERATOR CONTROL SYSTEM

ACCELERATOR CONTROL SYSTEM

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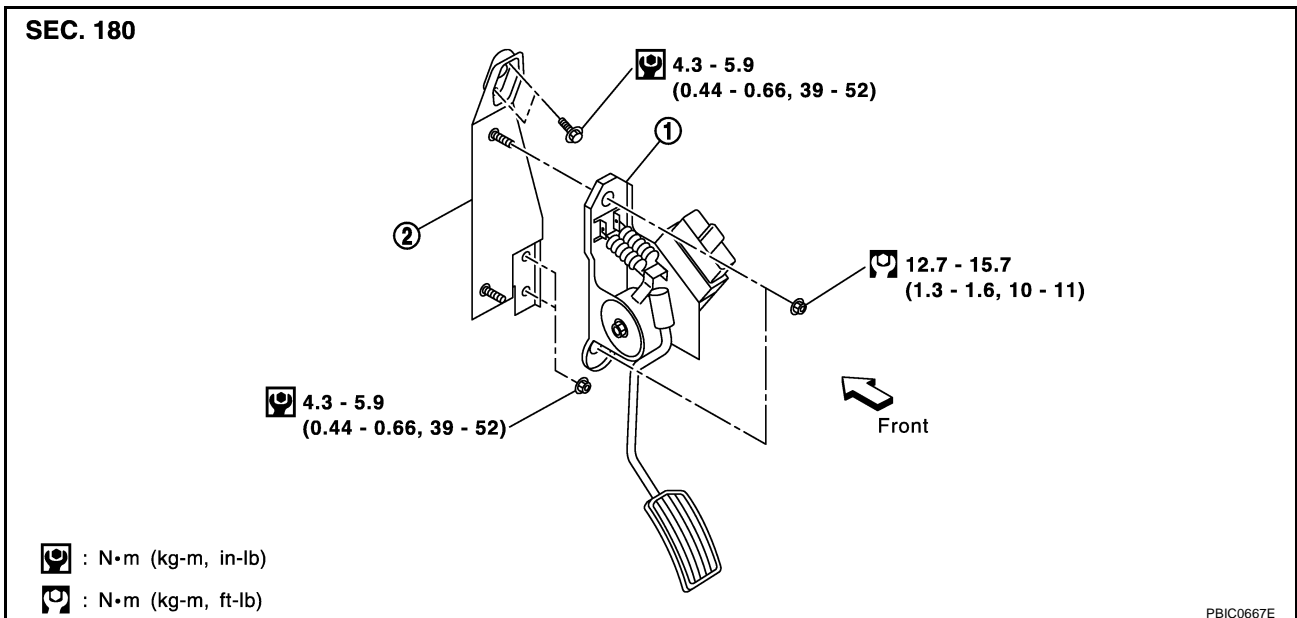
Removal and Installation QG AND QR ENGINE MODELS

EBS00GVK



1. Accelerator pedal assembly (work unit)

YD ENGINE MODELS



1. Accelerator pedal assembly (work unit)
2. Accelerator pedal bracket

REMOVAL

1. Remove harness connector.
2. Loosen nuts, and remove accelerator pedal assembly.

CAUTION:

- Do not disassemble the accelerator pedal assembly. Do not remove the sensors and the switches from the assembly.
- Avoid impact from dropping etc. during handling.
- Be careful to keep the assembly away from water.

ACCELERATOR CONTROL SYSTEM

- Do not adjust the adjusting screw (painted white) of the accelerator work unit. (YD engine models)
- When the harness connector of the accelerator sensor is disconnected, perform "Accelerator Pedal Released Position Learning". Refer to "Basic Service Procedure" in EC section.

INSTALLATION

Install in the reverse order of removal.

INSPECTION AFTER INSTALLATION

- Check that the accelerator pedal moves smoothly within the whole operation range.
- Check that the accelerator pedal securely returns to the original position.
- For the electrical inspection of the accelerator pedal assembly, refer to [EC-325, "DTC P0226 APP SENSOR"](#) (QG engine models WITH EURO-OBD), [EC-772, "DTC P0226 APP SENSOR"](#) (QG engine models WITHOUT EURO-OBD), [EC-1202, "DTC P0226 APP SENSOR"](#) (QR engine models WITH EURO-OBD), [EC-1595, "DTC P0226 APP SENSOR"](#) (QR engine models WITHOUT EURO-OBD).
- For the electrical inspection of the accelerator work unit, refer to [EC-1861, "DTC P0120 ACCELERATOR PEDAL POSITION SENSOR"](#) . (YD engine models)
- Check that the drum of the accelerator work unit can be fully opened.

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SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

PFP:00030

Tightening Torque

EBS00GVL

Unit: N·m (Kg-m, in-lb)

Accelerator pedal assembly (work unit) (QG and QR engine models)	4.3 - 5.9 (0.44 - 0.60, 38 - 52)
Accelerator pedal assembly (work unit) (YD engine models)	12.7 - 15.7 (1.3 - 1.6 ,10 - 11)
Accelerator pedal bracket (YD engine models)	4.3 - 5.9 (0.44 - 0.60, 39 - 52)