

SPEED CONTROL SYSTEMS

SP

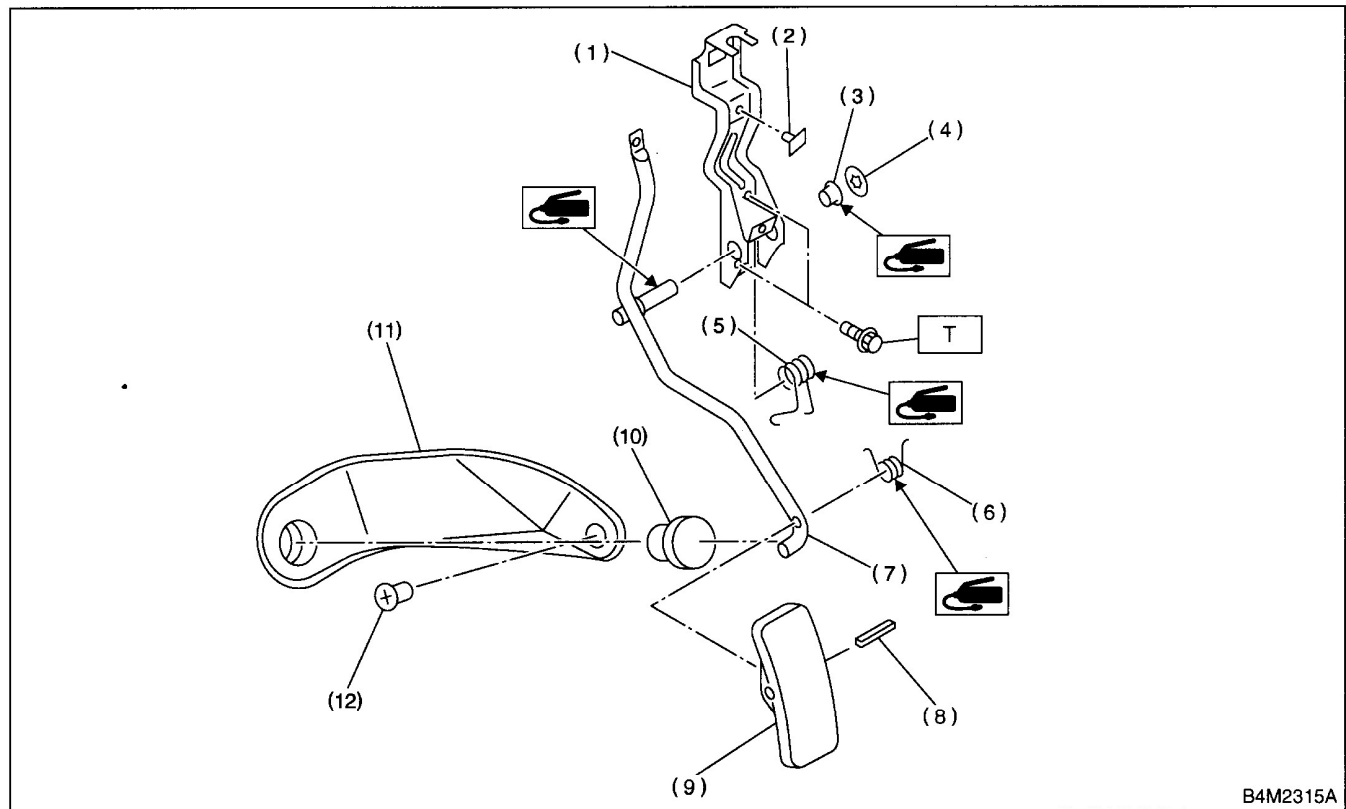
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SPEED CONTROL SYSTEMS

A: SPECIFICATION

Accelerator pedal	Free play	At pedal pad	1 — 4 mm (0.04 — 0.16 in)
	Stroke	At pedal pad	52 — 57 mm (2.05 — 2.24 in)

B: COMPONENT



- | | | |
|-------------------------|------------------------------|------------------------|
| (1) Accelerator bracket | (6) Accelerator pedal spring | (11) Accelerator plate |
| (2) Stopper | (7) Accelerator pedal lever | (12) Clip |
| (3) Bushing | (8) Spring pin | |
| (4) Clip | (9) Accelerator pedal | |
| (5) Accelerator spring | (10) Accelerator stopper | |
-
- Tightening torque: N·m**
T: 18 (1.8, 13.0)

Tightening torque: N·m (kgf-m, ft-lb)
T: 18 (1.8, 13.0)

C: CAUTION

- Wear work clothing, including a cap, protective goggles, and protective shoes during operation.
- Remove contamination, including dirt and corrosion, before removal, installation or disassembly.
- Keep the disassembled parts in order and protect them from dust and dirt.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly, and replacement.
- Be careful not to burn your hands, because each part in the vehicle is hot after running.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.

- Place shop jacks or safety stands at the specified points.
- Before disconnecting electrical connectors of sensors or units, be sure to disconnect negative terminal from battery.

2. Accelerator Pedal

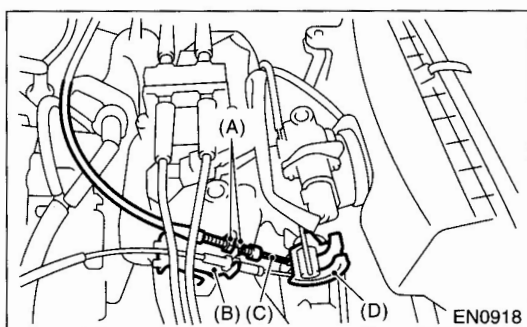
A: REMOVAL

- 1) Disconnect the ground terminal from battery.
- 2) Remove the lock nut from accelerator cable bracket.
- 3) Separate the accelerator cable from bracket.
- 4) Remove the accelerator cable end from throttle cam.
- 5) Disconnect the accelerator cable from throttle body.

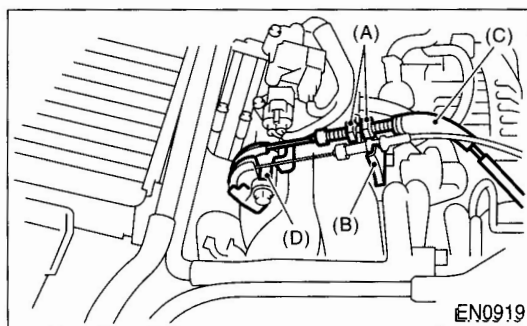
CAUTION:

Be careful not to kink the accelerator cable.

- SOHC model

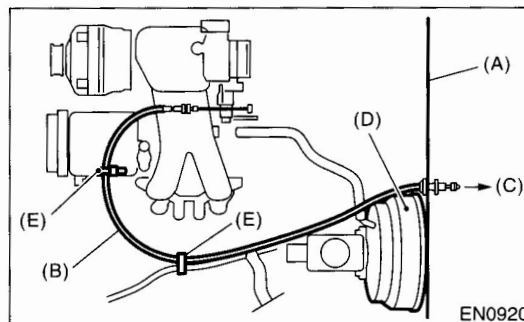


- DOHC TURBO model

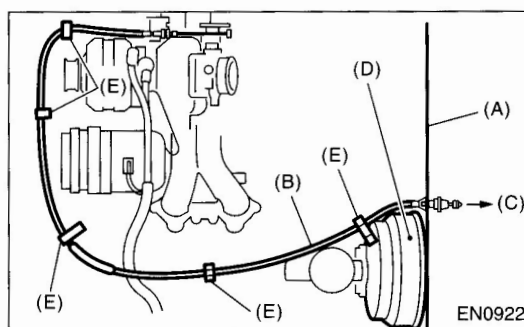


- (A) Lock nut
- (B) Accelerator cable bracket
- (C) Accelerator cable
- (D) Throttle cam

- 6) Remove the clip inside engine compartment.
- SOHC model



- DOHC TURBO model



- (A) Toe board
- (B) Accelerator cable
- (C) To accelerator pedal
- (D) Brake booster
- (E) Clip

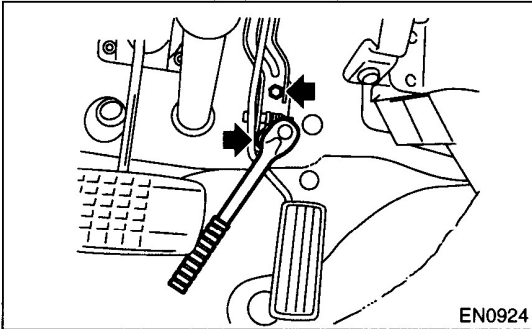
- 7) Remove the instrument panel lower cover from instrument panel, and connector.

- 8) Remove the brake and clutch pedal bracket. (M1 model) <Ref. to BR-51, REMOVAL, Brake Pedal.>

ACCELERATOR PEDAL

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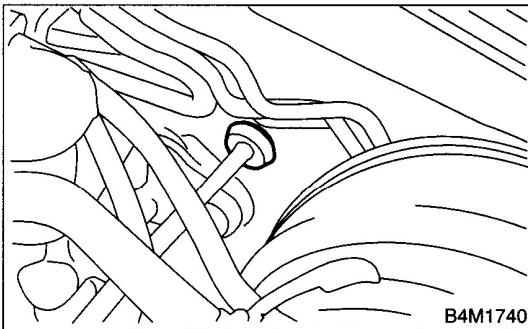
- 9) Remove the accelerator pedal connecting bolt from accelerator pedal bracket.



- 10) Disconnect the grommet from toe board.

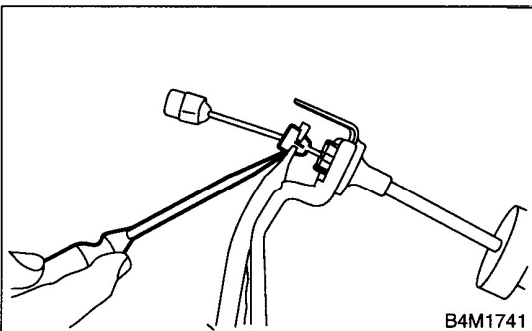
NOTE:

From inside the compartment, push grommet into hole.

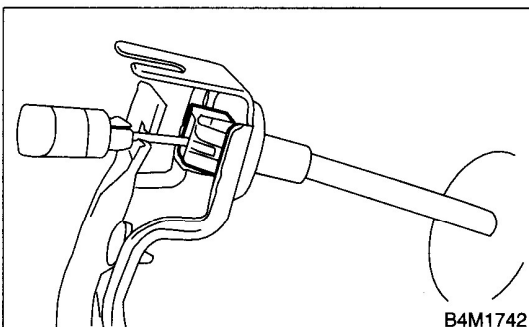


- 11) Pull out the cable from the toe board hole.

- 12) Disconnect the accelerator cable bushing from accelerator pedal lever.



- 13) Disconnect the accelerator cable stopper from bracket.



- 14) Separate the accelerator cable and bracket.

B: INSTALLATION

Install in the reverse order of removal.

CAUTION:

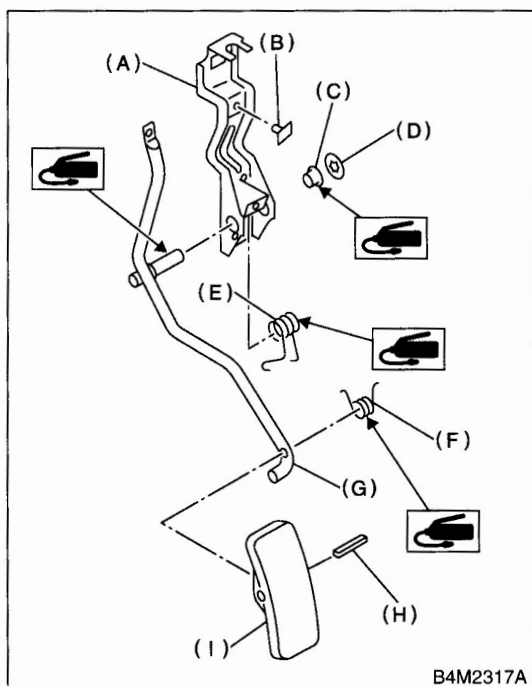
- If cable clamp is damaged, replace it with a new one.
- Never fail to cover the outer cable end with boot.
- Be careful not to kink the accelerator cable.
- Always use new clevis pins.

ACCELERATOR PEDAL

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C: DISASSEMBLY

- 1) Remove the clip, and then remove the accelerator pedal from the bracket.
- 2) Pull out the spring pin, and then remove the accelerator pedal from the accelerator pedal lever.



- (A) Accelerator bracket
- (B) Stopper
- (C) Bushing
- (D) Clip
- (E) Accelerator spring
- (F) Accelerator pedal spring
- (G) Accelerator pedal lever
- (H) Spring pin
- (I) Accelerator pedal

D: ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

Clean and apply grease to the spacer and inside bore of a accelerator pedal.

E: INSPECTION

Lightly move the pedal pad in lateral direction to ensure pedal deflection is in specified range.

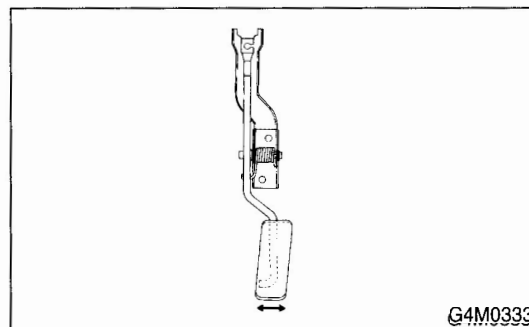
CAUTION:

If excessive deflection is noted, replace the bushing and clip with new ones.

Deflection of accelerator pedal:

Service limit

5.0 mm (0.197 in) or less



ACCELERATOR PEDAL

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F: ADJUSTMENT

Check the pedal stroke and free play by operating accelerator pedal by hand.

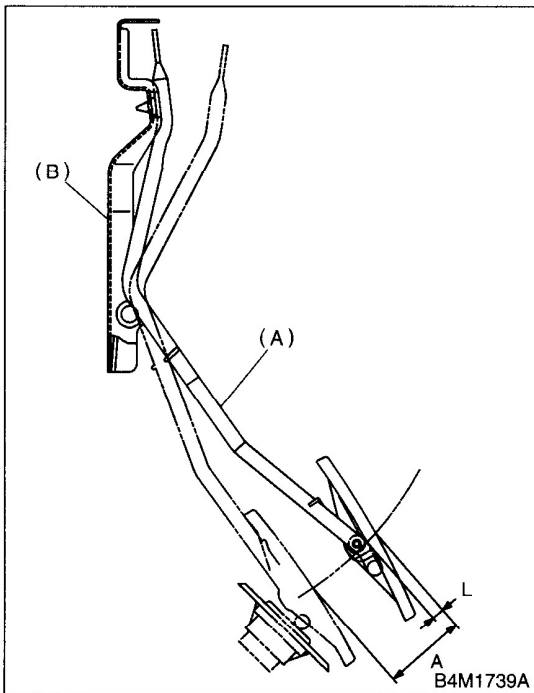
If it is not within the specified value, adjust it by turning the nut connecting accelerator cable to throttle body.

Free play at pedal pad: L

1 — 4 mm (0.04 — 0.16 in)

Stroke at pedal pad: A

52 — 57 mm (2.05 — 2.24 in)



(A) Accelerator pedal

(B) Accelerator pedal bracket

Accelerator cable lock nut tightening torque:

12 N·m (1.2 kgf-m, 9 ft-lb)

3. Accelerator Control Cable

A: REMOVAL

- 1) Remove the accelerator pedal. <Ref. to SP-3, REMOVAL, Accelerator Pedal.>
- 2) Separate the accelerator cable and accelerator pedal.

B: INSTALLATION

- 1) Install in the reverse order of removal.

CAUTION:

- If cable clamp is damaged, replace it with a new one.
- Never fail to cover the outer cable end with boot.
- Be careful not to kink the accelerator cable.
- Do not apply grease to the throttle cable on the engine side.

- 2) Adjust after pedal installation. <Ref. to SP-4, INSTALLATION, Accelerator Pedal.>

C: INSPECTION

- 1) Make sure the inner cable is not twisted or frayed.
- 2) Make sure the outer cable is not cracked.

