

Steering Wheel

POWER ASSISTED SYSTEM (POWER STEERING)

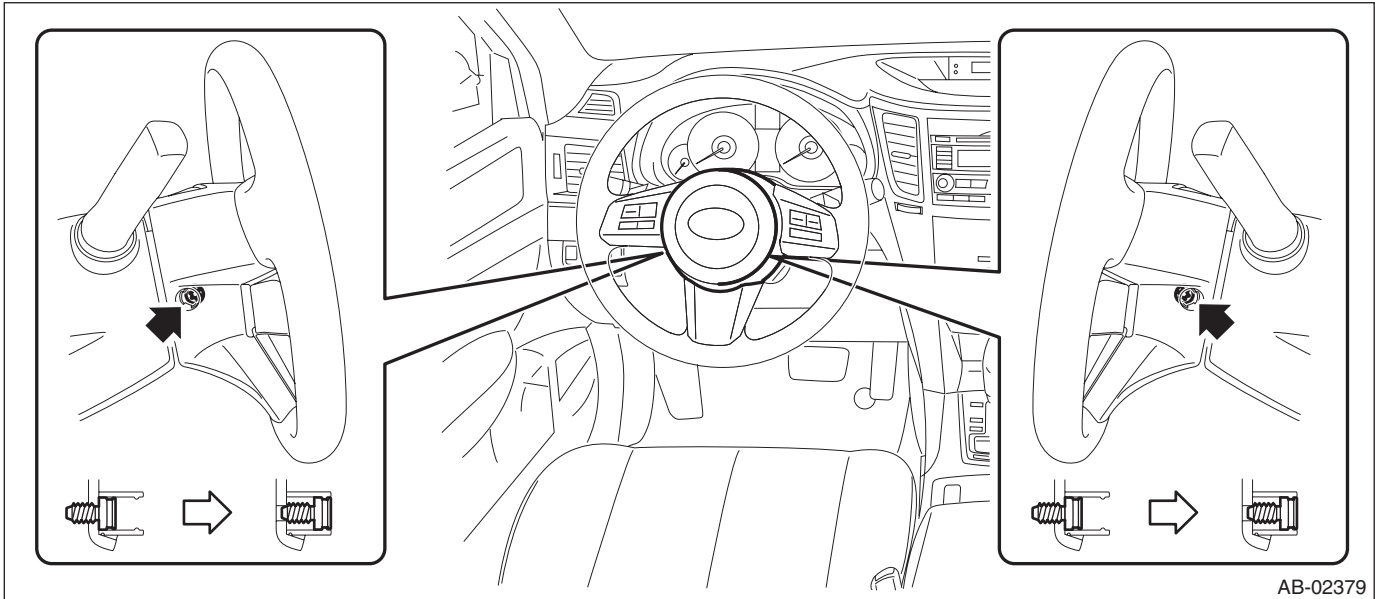
2. Steering Wheel

A: REMOVAL

- 1) Disconnect the negative terminal from the battery, and wait for 60 seconds or more.
- 2) Set the tire to the straight-ahead position.
- 3) Remove the driver's airbag module assembly.

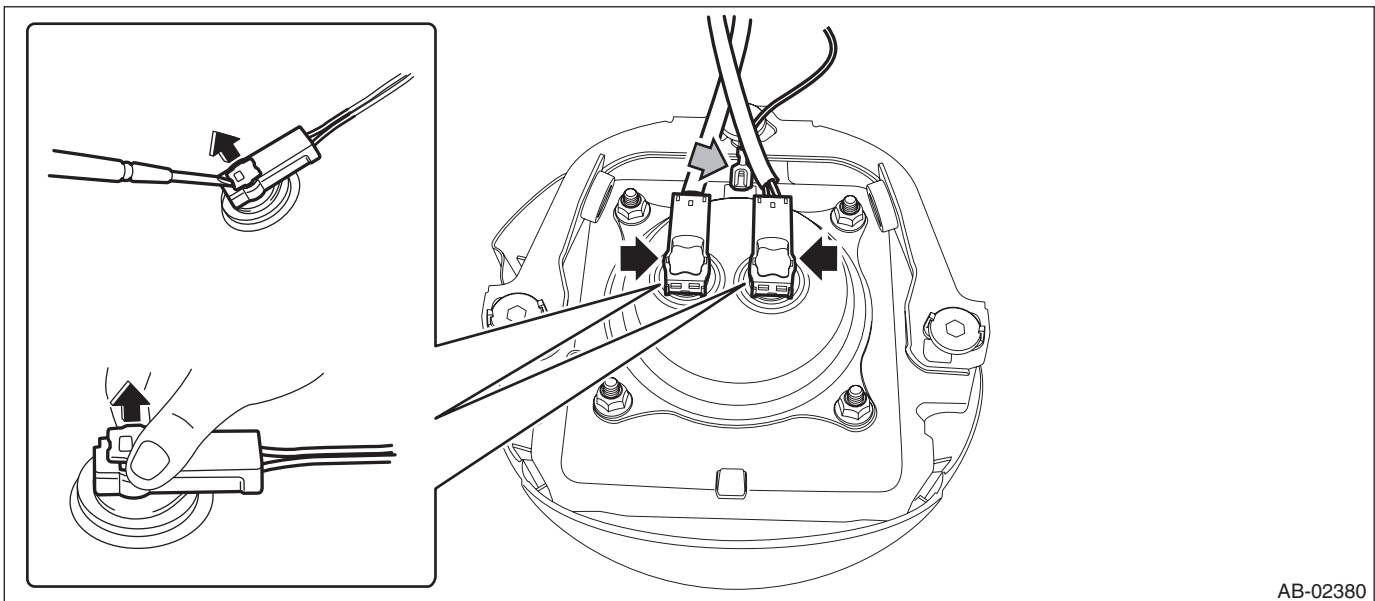
Preparation tool: TORX® T30

- (1) Loosen the two TORX® bolts on the sides of the steering wheel.



- (2) Disconnect the airbag connector and remove the airbag module assembly. <Ref. to AB-21, DRIVER'S AIRBAG MODULE, CURTAIN AIRBAG MODULE & PRETENSIONER, PROCEDURE, Airbag Connector.>

- (3) Disconnect the horn harness.



Steering Wheel

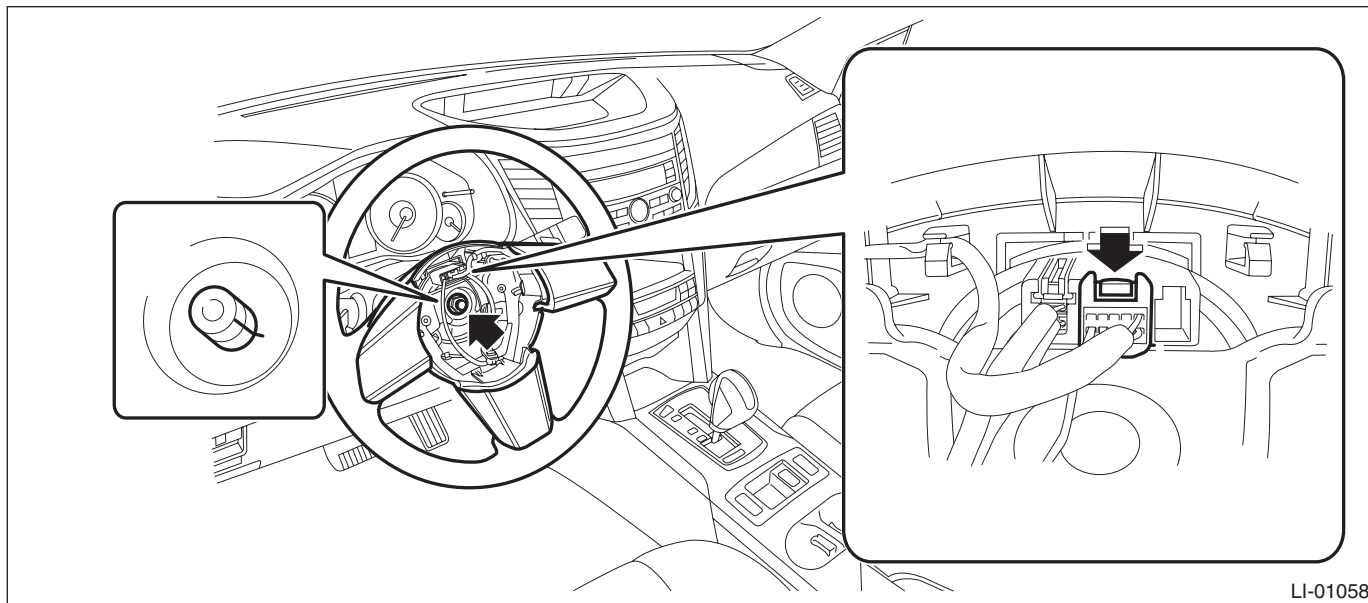
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4) Remove the steering wheel.

CAUTION:

- Always use the steering wheel puller for removal to avoid deforming the steering wheel.
- If the steering wheel has been removed, make sure that the roll connector is not turned from the original position.

- (1) Disconnect the connector and remove the nut.
- (2) Put alignment marks and remove the steering wheel.



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B: INSTALLATION

WARNING:

Always refer to “Airbag System” before performing service on the airbag modules. <Ref. to AB-9, CAUTION, General Description.>

- 1) Align the center position of the roll connector. <Ref. to AB-100, ADJUSTMENT, Roll Connector.>
- 2) Install each part in the reverse order of removal.

NOTE:

Align the alignment marks on the steering wheel and steering shaft.

Tightening torque:

Airbag module: 10 N·m (1.0 kgf-m, 7.4 ft-lb)

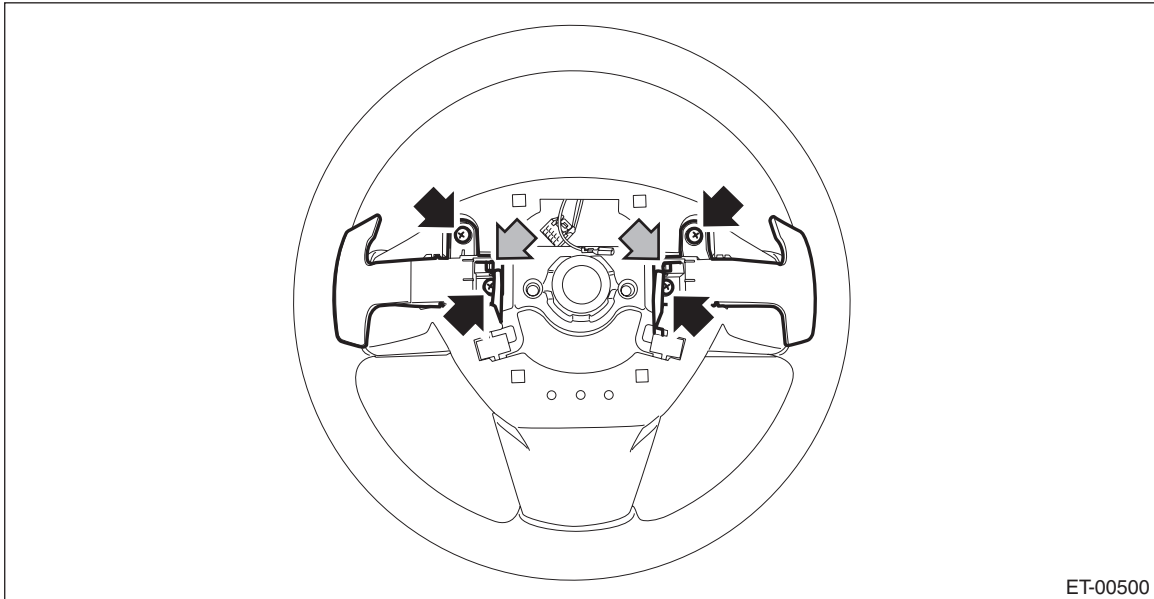
Steering wheel: 39 N·m (4.0 kgf-m, 28.8 ft-lb)

Column cover-to-steering wheel clearance:

2 — 4 mm (0.08 — 0.16 in)

C: DISASSEMBLY

- 1) Remove the screw, disconnect the connector and remove the paddle shift switch. (Model with paddle shift)

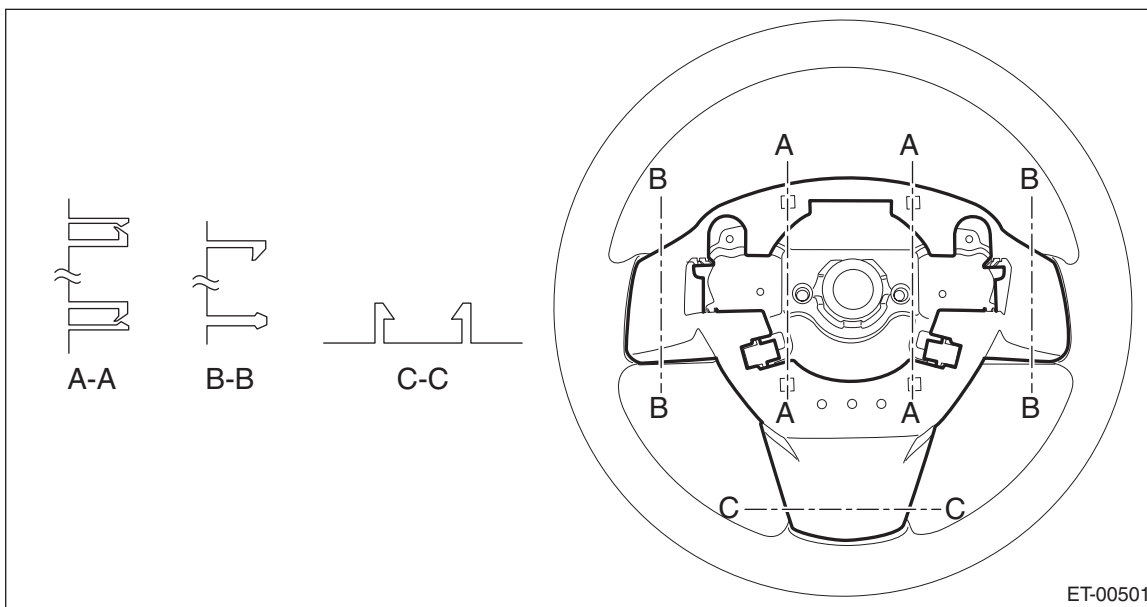


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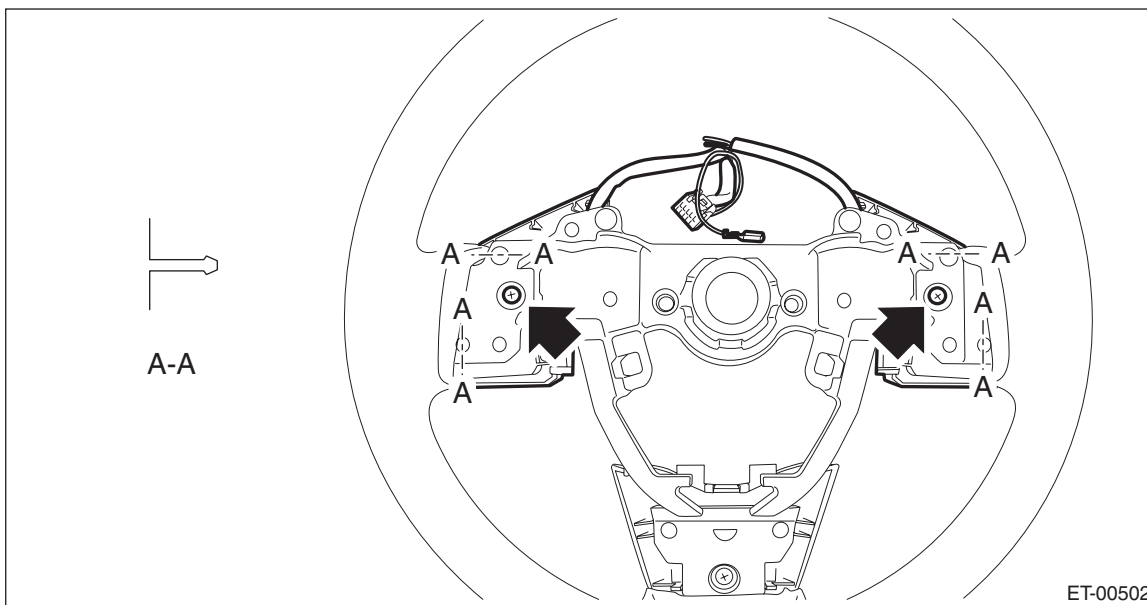
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2) Disconnect the claws and then remove the lower cover.



3) Remove the screws and then remove the satellite switch assembly.



D: ASSEMBLY

Assemble each part in the reverse order of disassembly.

Tightening torque:

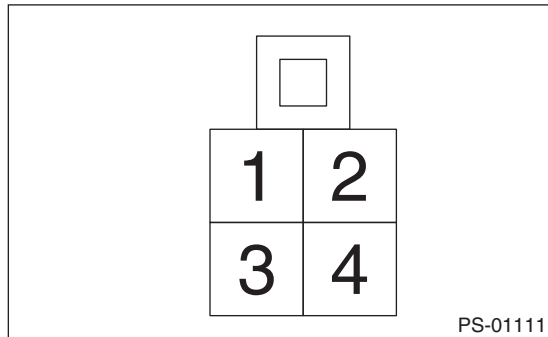
Paddle shift: 1.7 N·m (0.17 kgf-m, 1.3 ft-lb)

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E: INSPECTION

Check the resistance of paddle switch.



Step	Check	Yes	No
1 SHIFT-UP SWITCH CONTINUITY CHECK. 1) Operate the + side of paddle shift assembly and hold it. 2) Measure the resistance between the paddle shift assembly connector terminals. Terminals No. 2 — No. 4:	Is the resistance less than 10 Ω ?	Go to step 2.	Replace the paddle shift assembly.
2 SHIFT-DOWN SWITCH CONTINUITY CHECK. 1) Operate the – side of paddle shift assembly and hold it. 2) Measure the resistance between the paddle shift assembly connector terminals. Terminals No. 2 — No. 3:	Is the resistance less than 10 Ω ?	Go to step 3.	Replace the paddle shift assembly.
3 CHECK SHIFT SWITCH INSULATION. 1) Do not operate the paddle shift assembly. 2) Measure the resistance between the paddle shift assembly connector terminals. Terminals No. 2 — No. 4: No. 2 — No. 3:	Is the resistance 1 M Ω or more?	Paddle shift assembly is normal.	Replace the paddle shift assembly.

Replace the paddle switch if the inspection result is not within the standard value.