

Steering Wheel

POWER ASSISTED SYSTEM (POWER STEERING)

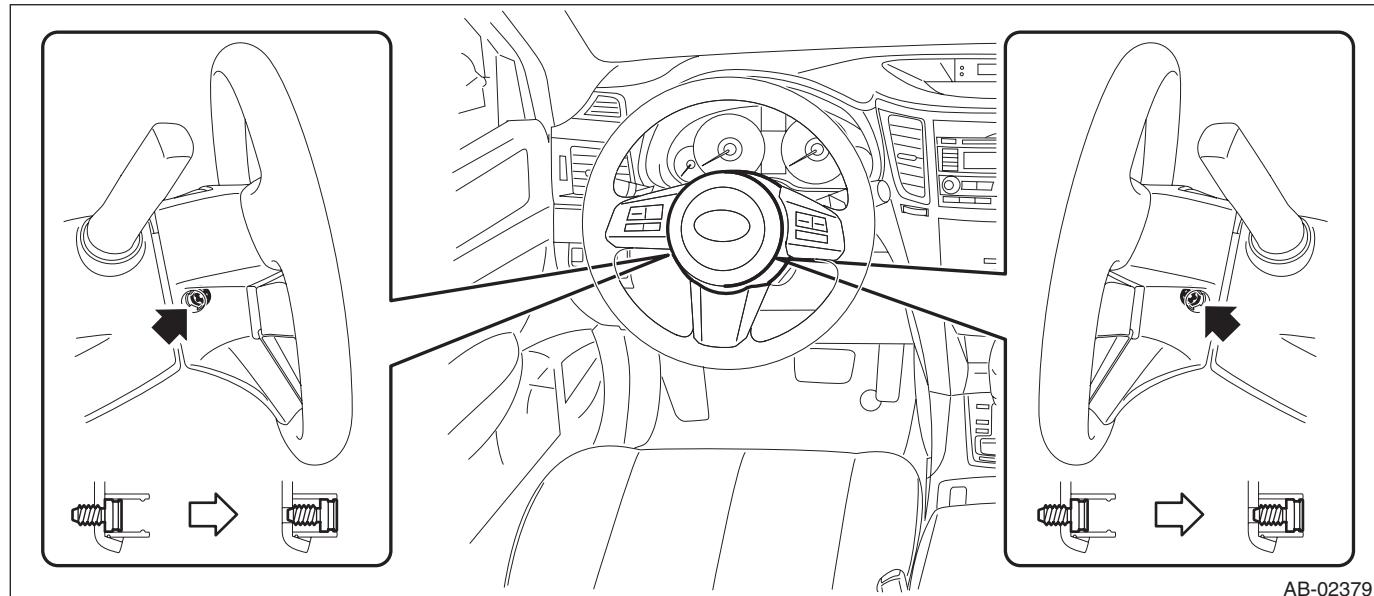
2. Steering Wheel

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.

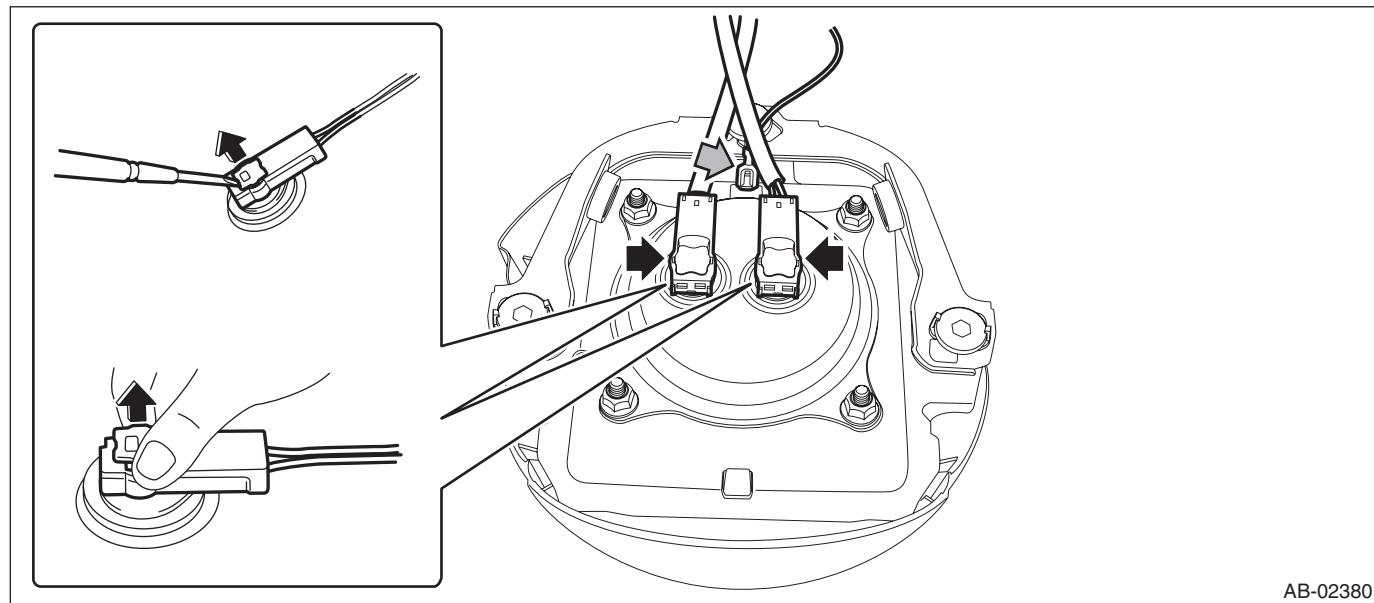
Preparation tool: TORX® T30

- (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.



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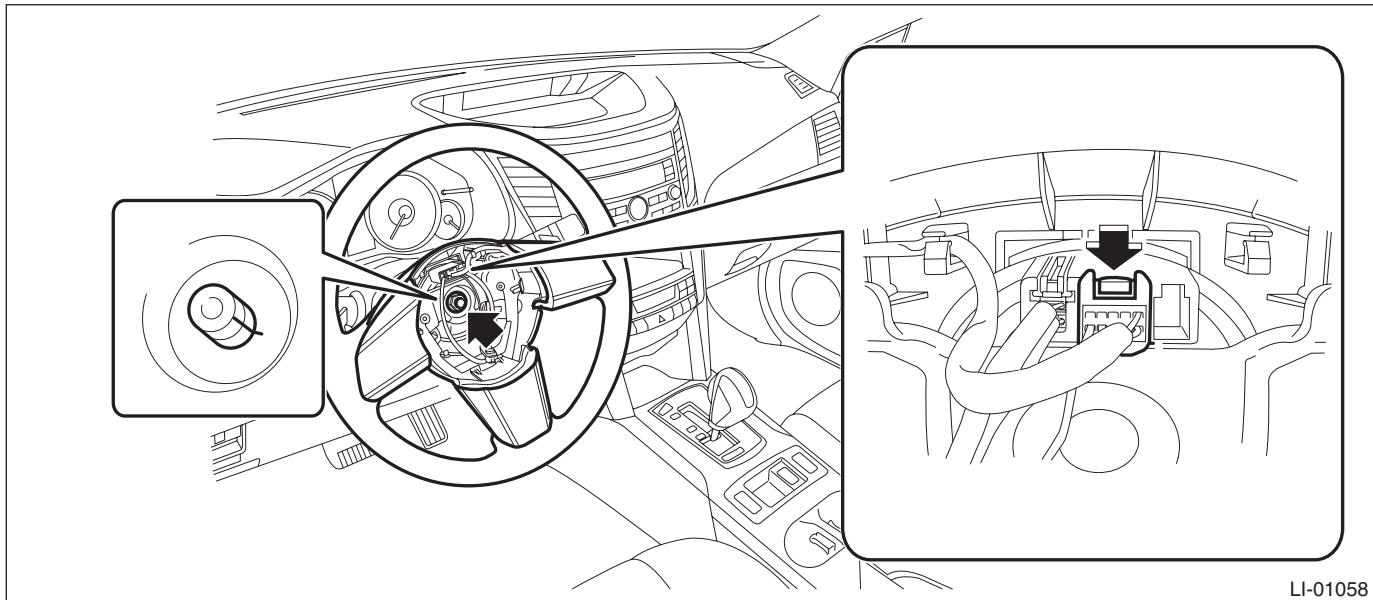
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4) Remove the steering wheel.

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)

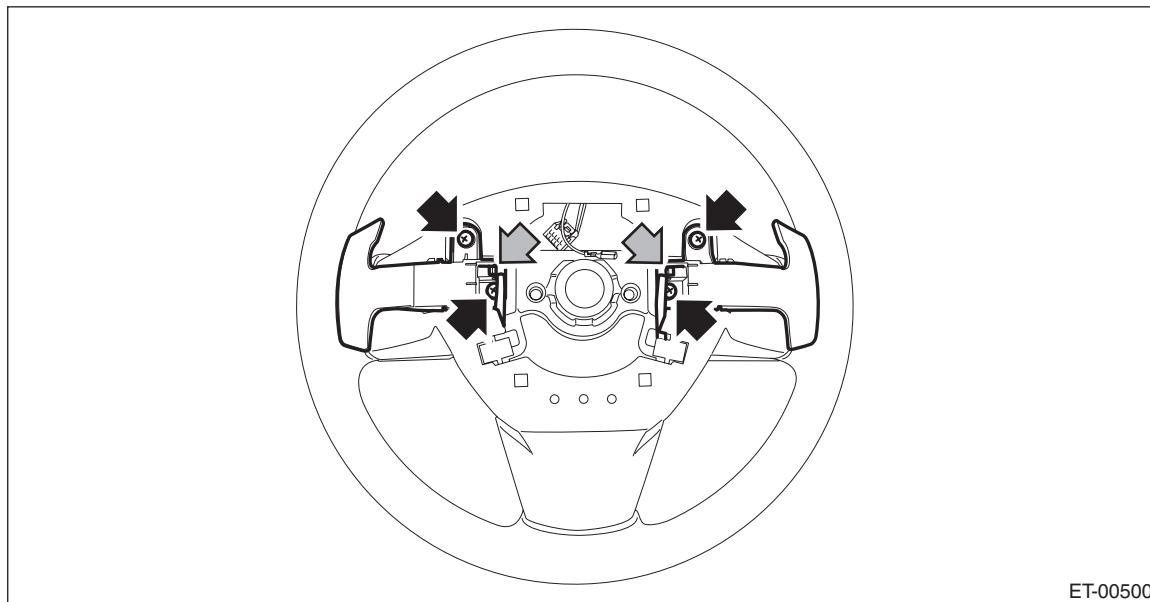
Steering wheel: 39 N·m (4.0 kgf-m, 28.8 ft-lb)

Column cover-to-steering wheel clearance:

2 — 4 mm (0.08 — 0.16 in)

C: DISASSEMBLY

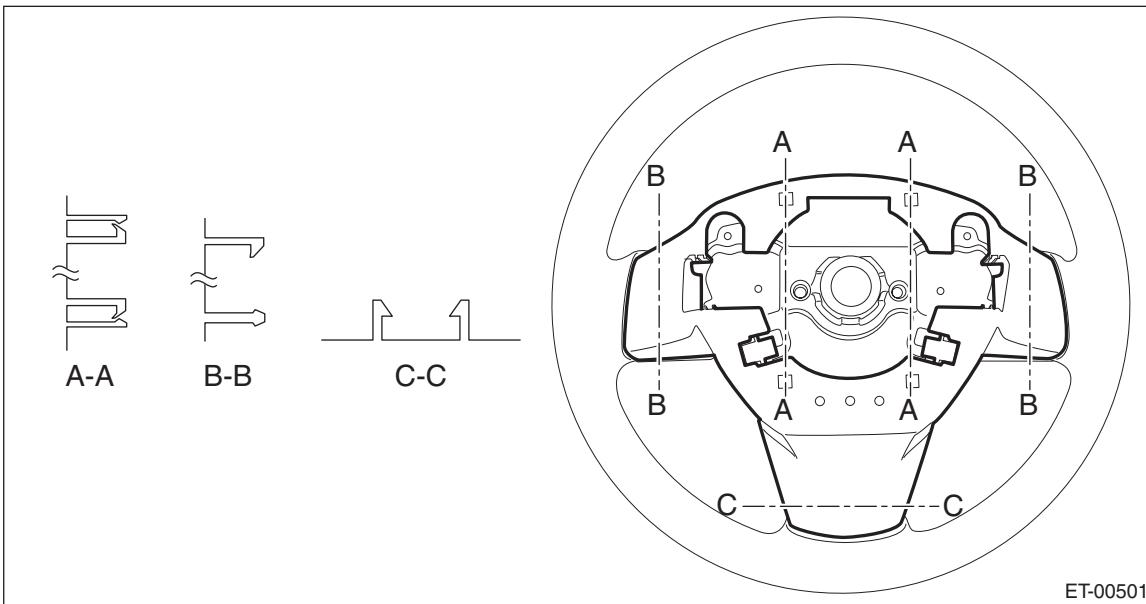
- 1) Remove the screw, disconnect the connector and remove the paddle shift switch. (Model with paddle shift)



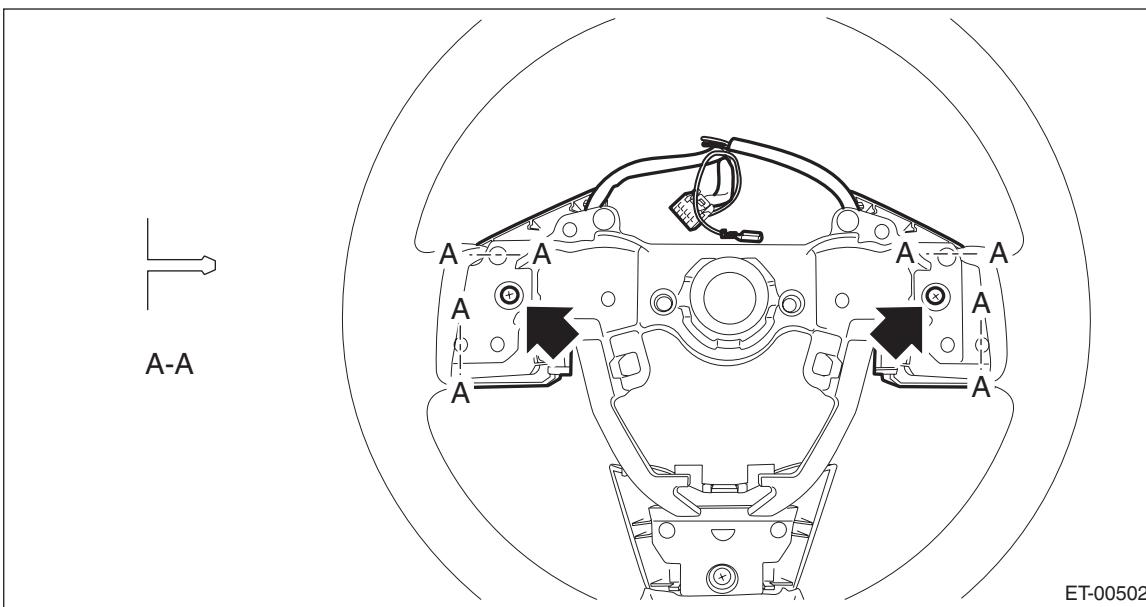
Steering Wheel

POWER ASSISTED SYSTEM (POWER STEERING)

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:

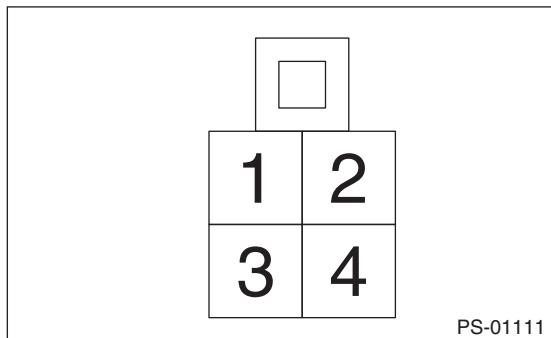
Paddle shift: 1.7 N·m (0.17 kgf-m, 1.3 ft-lb)

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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. <i>Terminals</i> <i>No. 2 — No. 4:</i>	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. <i>Terminals</i> <i>No. 2 — No. 3:</i>	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. <i>Terminals</i> <i>No. 2 — No. 4:</i> <i>No. 2 — No. 3:</i>	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.