

# Steering Wheel

POWER ASSISTED SYSTEM (POWER STEERING)

## 2. Steering Wheel

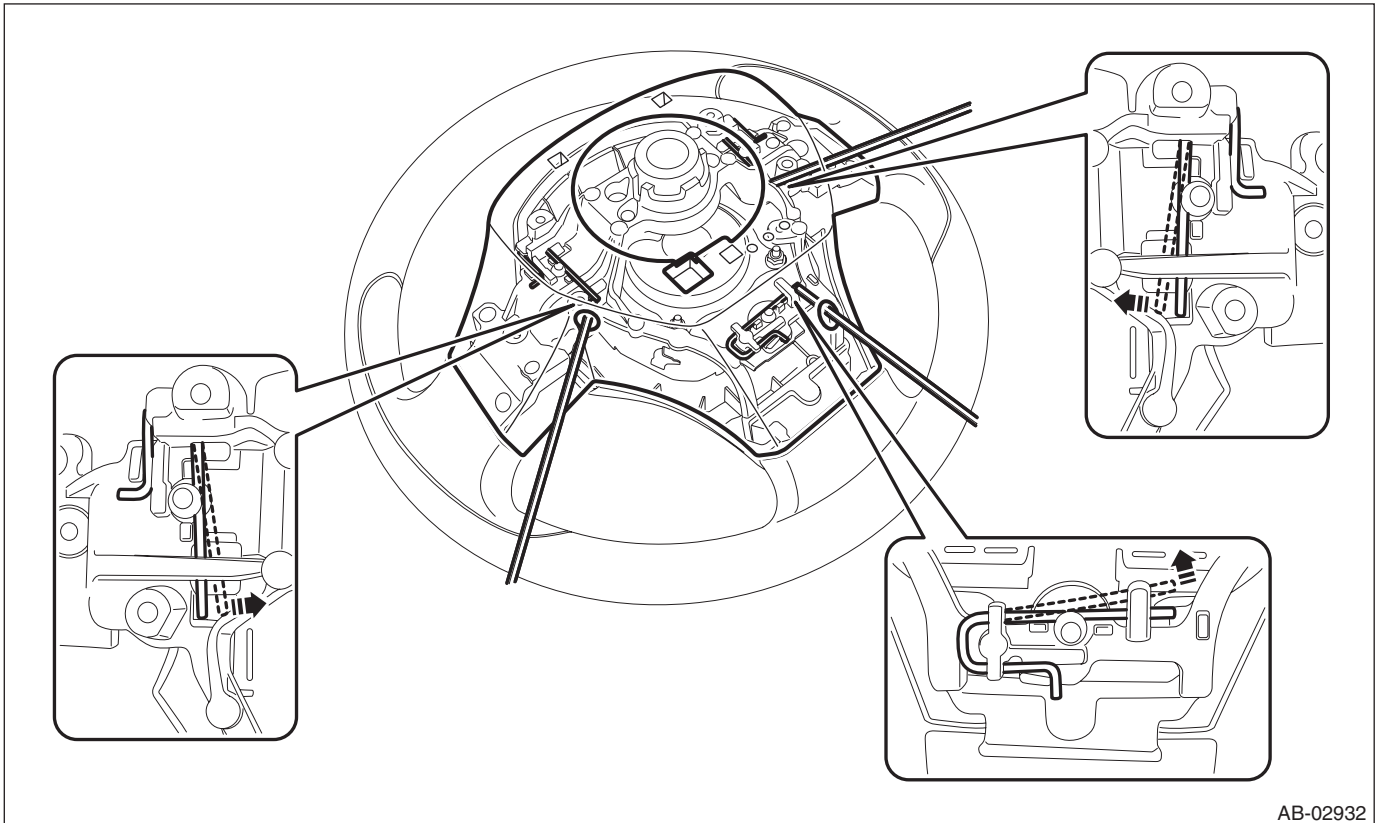
### A: REMOVAL

- 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.

#### CAUTION:

Always refer to "CAUTION" of "General Description" in "AIRBAG SYSTEM" before performing service on the airbag module. <Ref. to AB-10, CAUTION, General Description.>

- (1) Using a hexagon wrench etc. wrapped by protective tape, insert the snap pins and release the locks (3 locations).

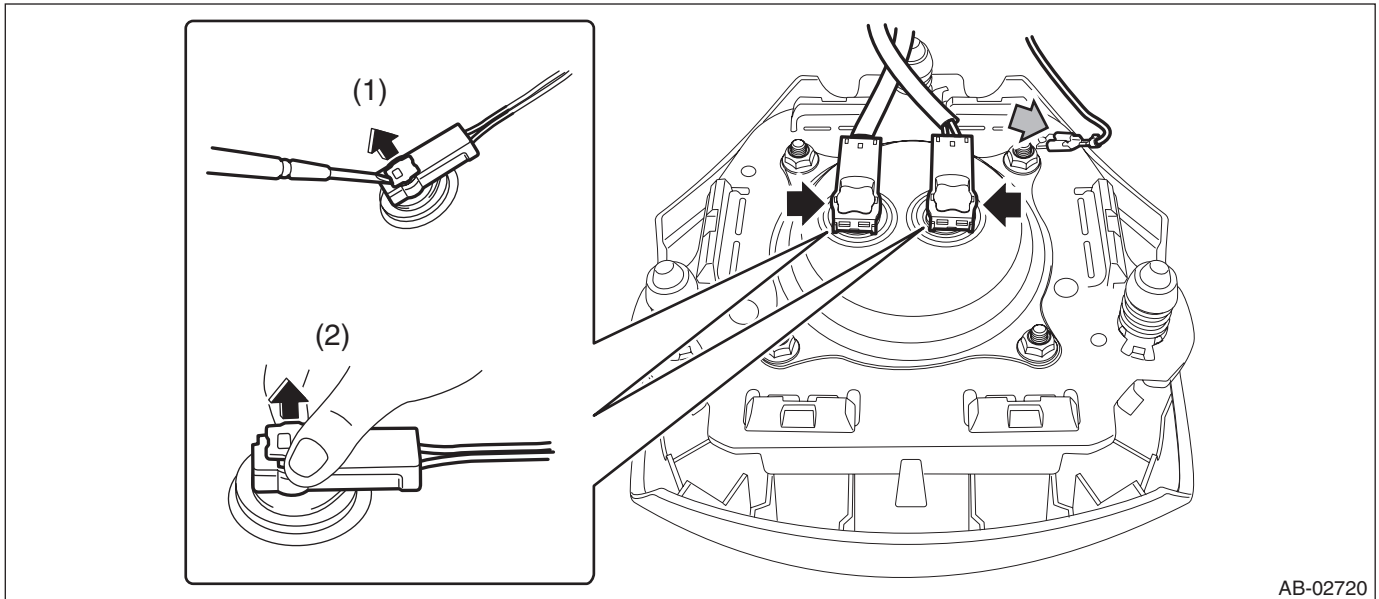


AB-02932

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(2) Disconnect the horn harness and airbag connector and remove the airbag module assembly. <Ref. to AB-22, DRIVER'S AIRBAG MODULE, CURTAIN AIRBAG MODULE, PRETENSIONER & LAP SEAT BELT PRETENSIONER, PROCEDURE, Airbag Connector.>



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4) Remove the steering wheel.

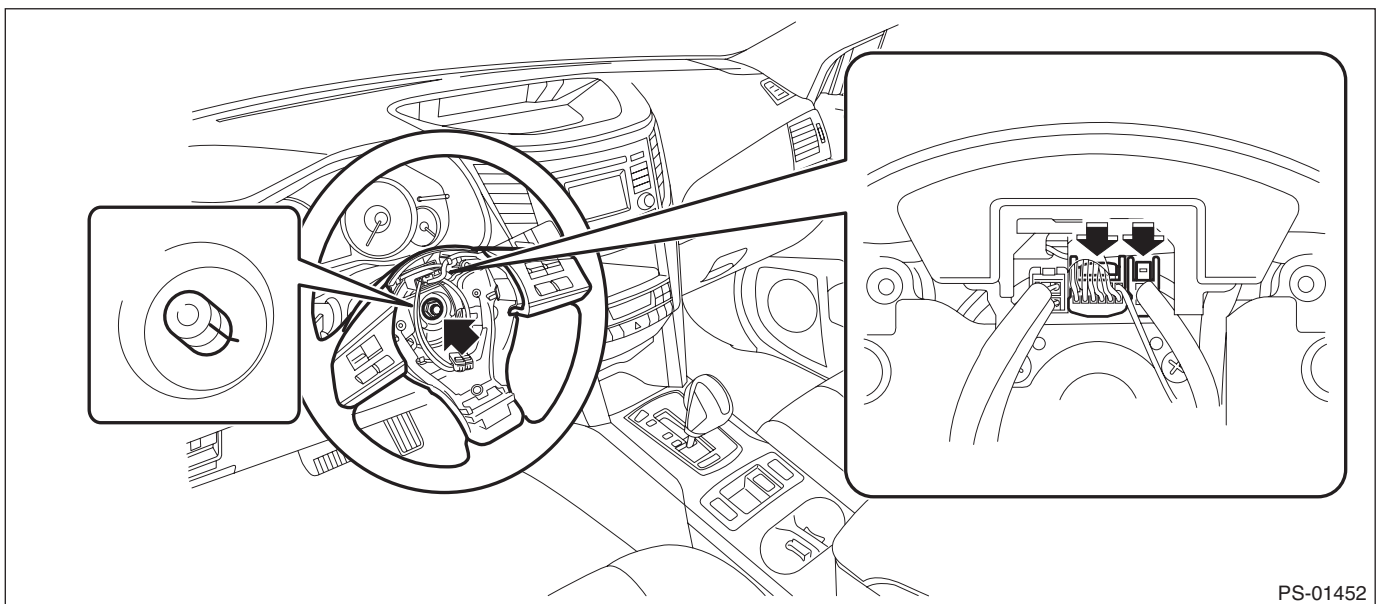
### CAUTION:

- 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.

### Preparation tool:

**Steering wheel puller**



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## B: INSTALLATION

### WARNING:

Always refer to “Airbag System” before performing service on the airbag modules. <Ref. to AB-10, CAUTION, General Description.>

- 1) Align the center position of the roll connector. <Ref. to AB-109, 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:

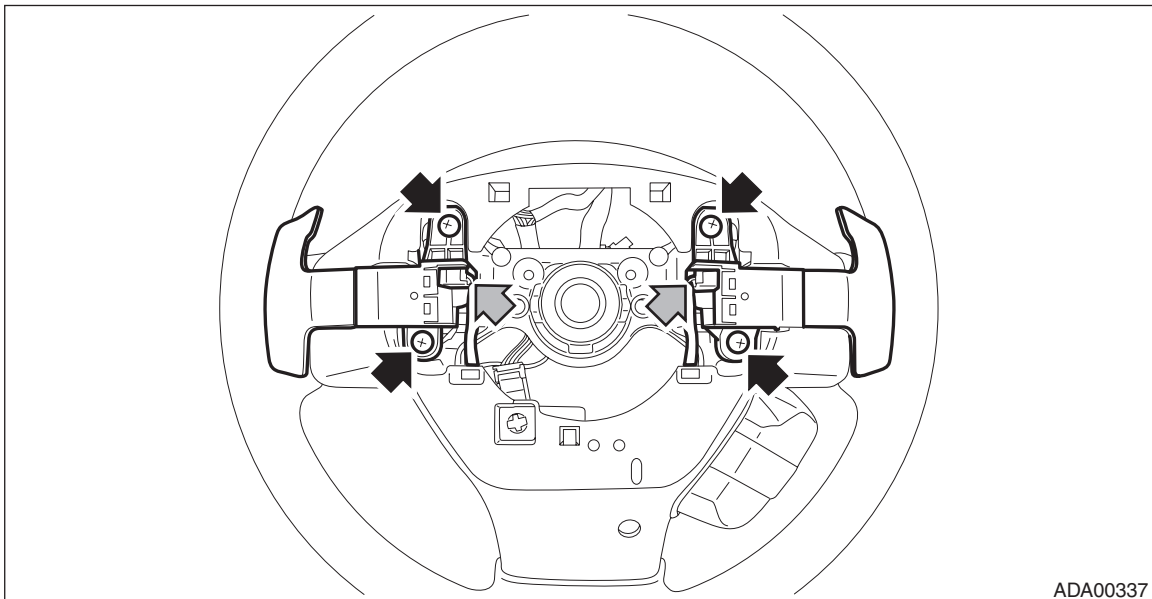
**Steering wheel: 39 N·m (4.0 kgf·m, 28.8 ft·lb)**

### Clearance:

**Between column cover and steering wheel: 4 — 6 mm (0.16 — 0.24 in)**

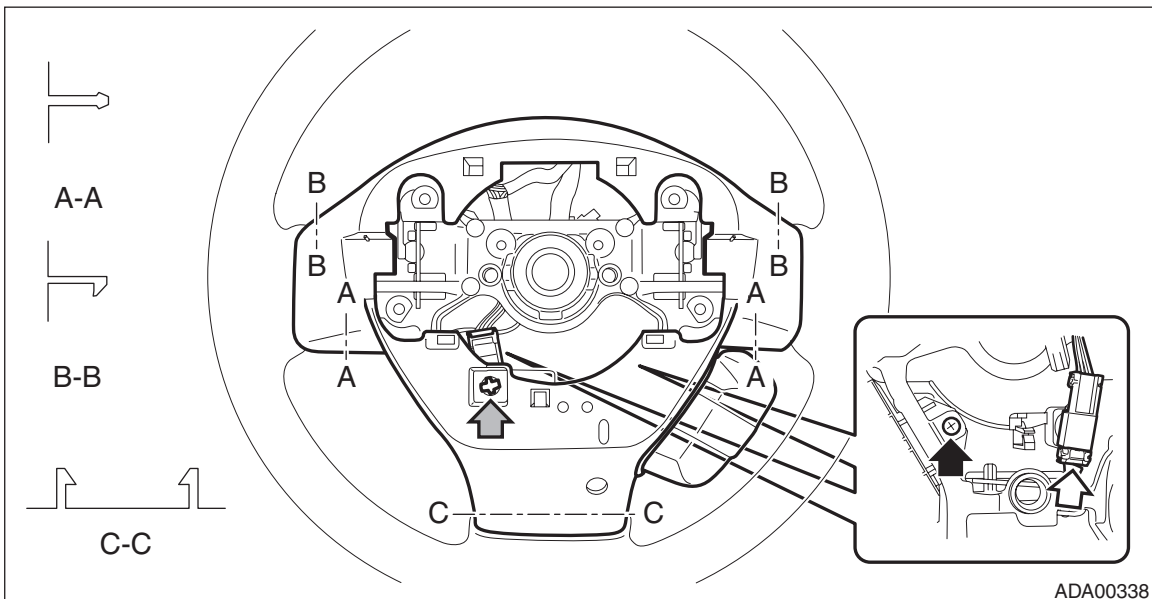
## C: DISASSEMBLY

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



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

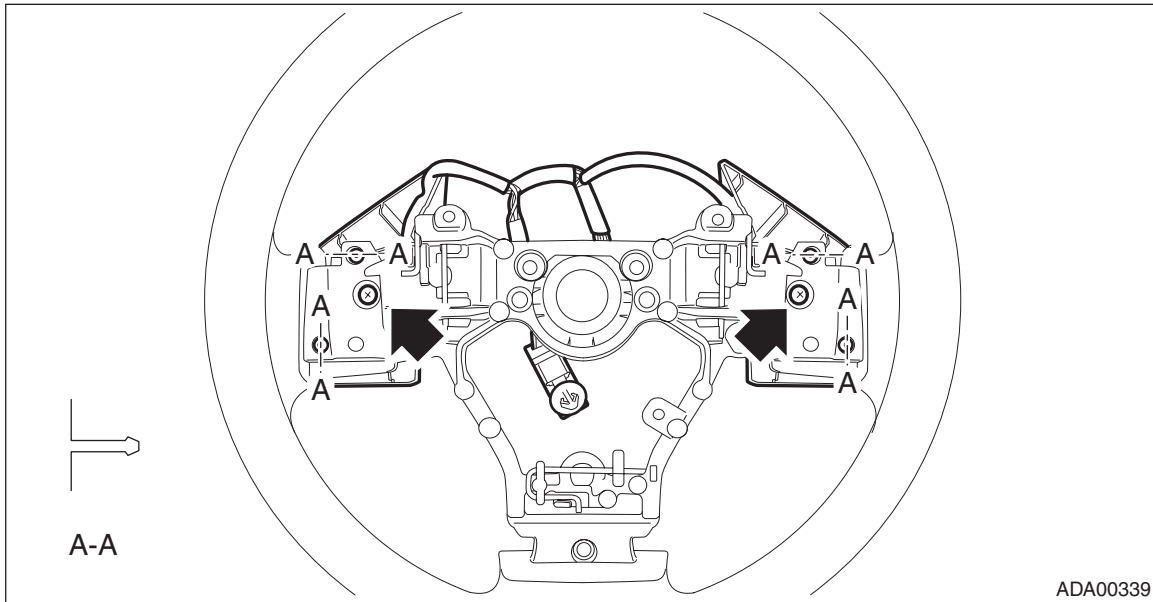


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3) Remove the screw to remove the cruise control command switch assembly.

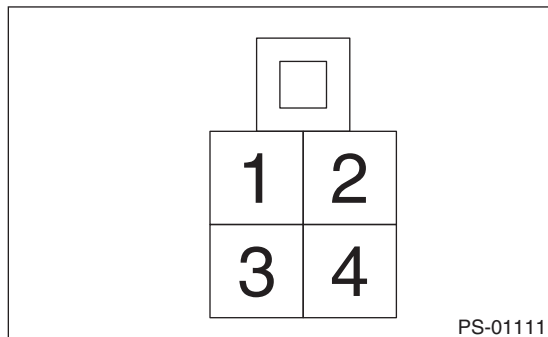


### D: ASSEMBLY

Assemble each part in the reverse order of disassembly.

### E: INSPECTION

Check the resistance of paddle switch.



Step	Check	Yes	No
<b>1</b> <b>SHIFT-UP SWITCH CONTINUITY CHECK.</b> 1) Operate the + side of paddle shift assembly and hold it. 2) Measure the resistance between terminals of the paddle shift assembly connector. <i>Terminals</i> <i>No. 3 — No. 4:</i>	Is the resistance less than 10 $\Omega$ ?	Go to step 2.	Replace the paddle shift assembly.
<b>2</b> <b>SHIFT-DOWN SWITCH CONTINUITY CHECK.</b> 1) Operate the – side of paddle shift assembly and hold it. 2) Measure the resistance between terminals of the paddle shift assembly connector. <i>Terminals</i> <i>No. 1 — No. 4:</i>	Is the resistance less than 10 $\Omega$ ?	Go to step 3.	Replace the paddle shift assembly.

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Step	Check	Yes	No
<b>3</b> <b>CHECK SHIFT SWITCH INSULATION.</b> 1) Do not operate the paddle shift assembly. 2) Measure the resistance between terminals of the paddle shift assembly connector. <b>Terminals</b> <b>No. 1 — No. 4:</b> <b>No. 3 — No. 4:</b>	Is the resistance 1 M $\Omega$ 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.