

# Steering Wheel

POWER ASSISTED SYSTEM (POWER STEERING)

## 2. Steering Wheel

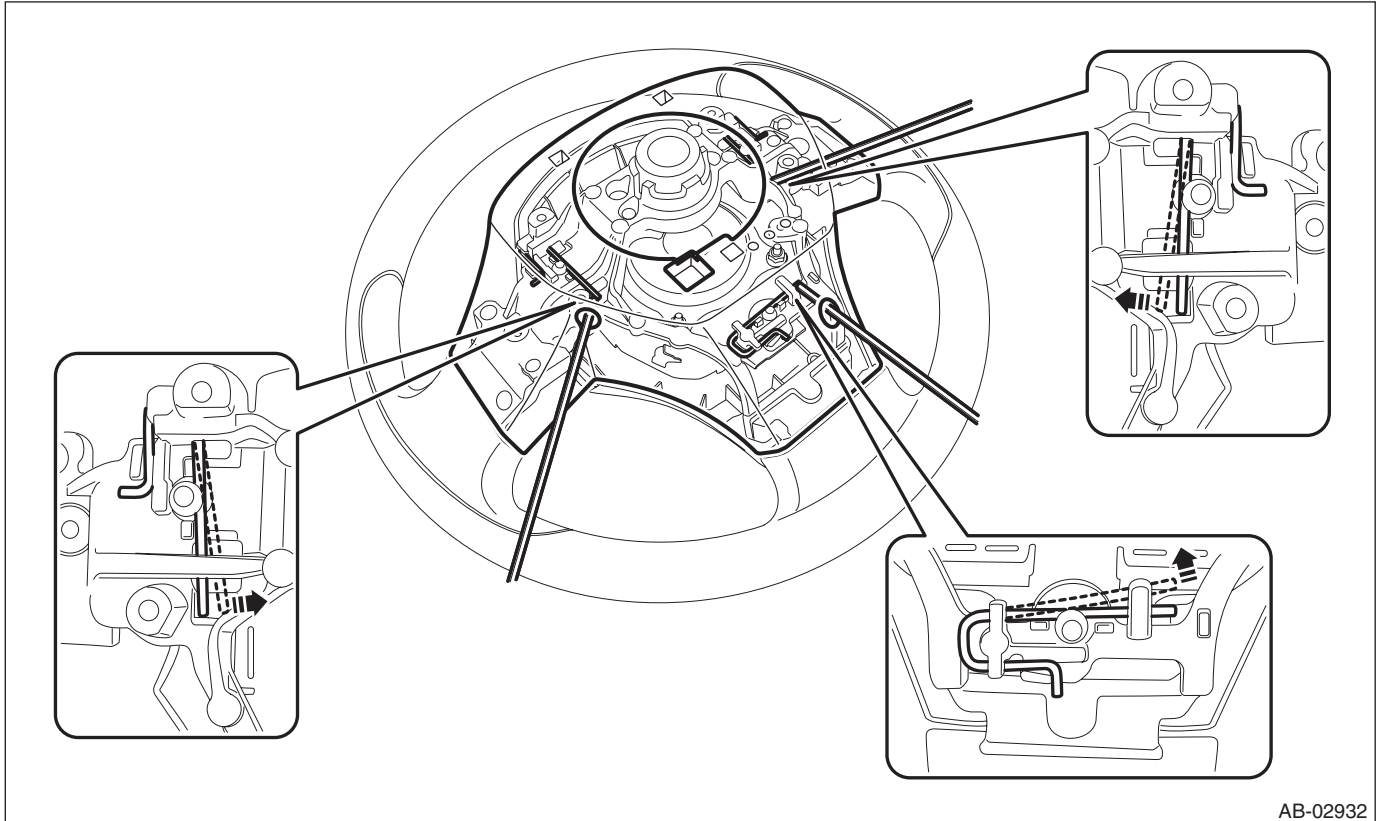
### A: REMOVAL

- 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.>

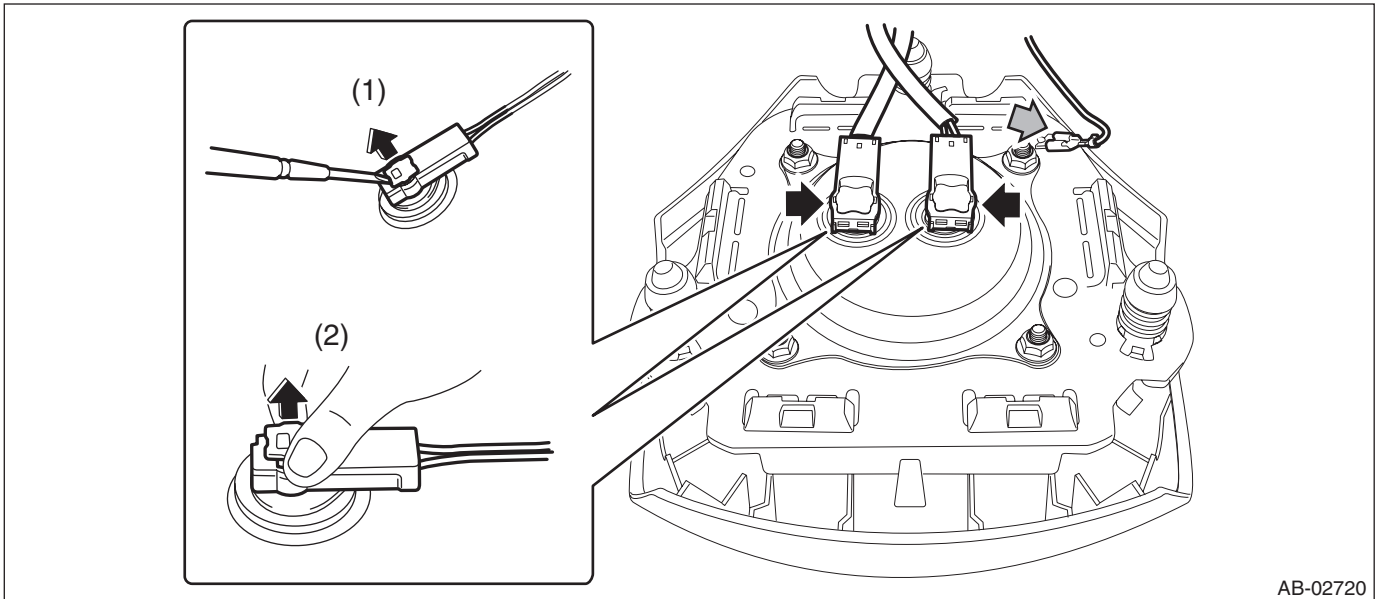
- (1) Using a hexagon wrench etc. wrapped by protective tape, insert the snap pins and release the locks (3 locations).



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



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4) Remove the steering wheel.

#### CAUTION:

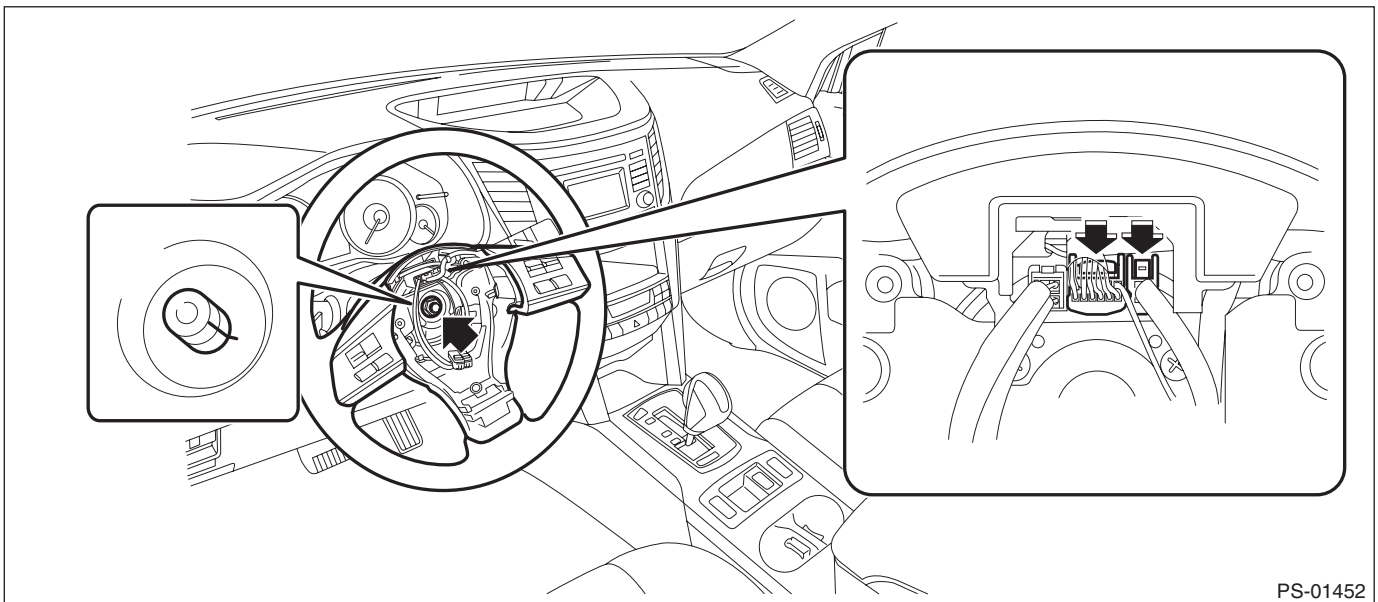
- Always use the steering wheel puller for removal to avoid deforming the steering wheel.
- If the steering wheel has been removed, make sure that the roll connector is not turned from the original position.

(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-108, 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:

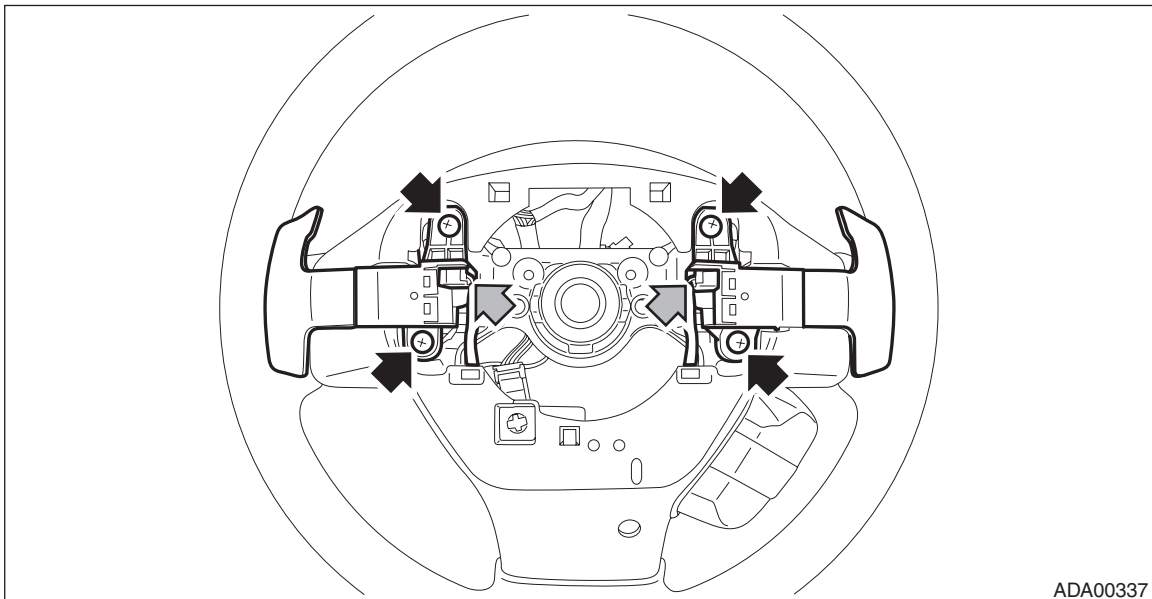
**Steering wheel: 39 N·m (4.0 kgf-m, 28.8 ft-lb)**

### Clearance:

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

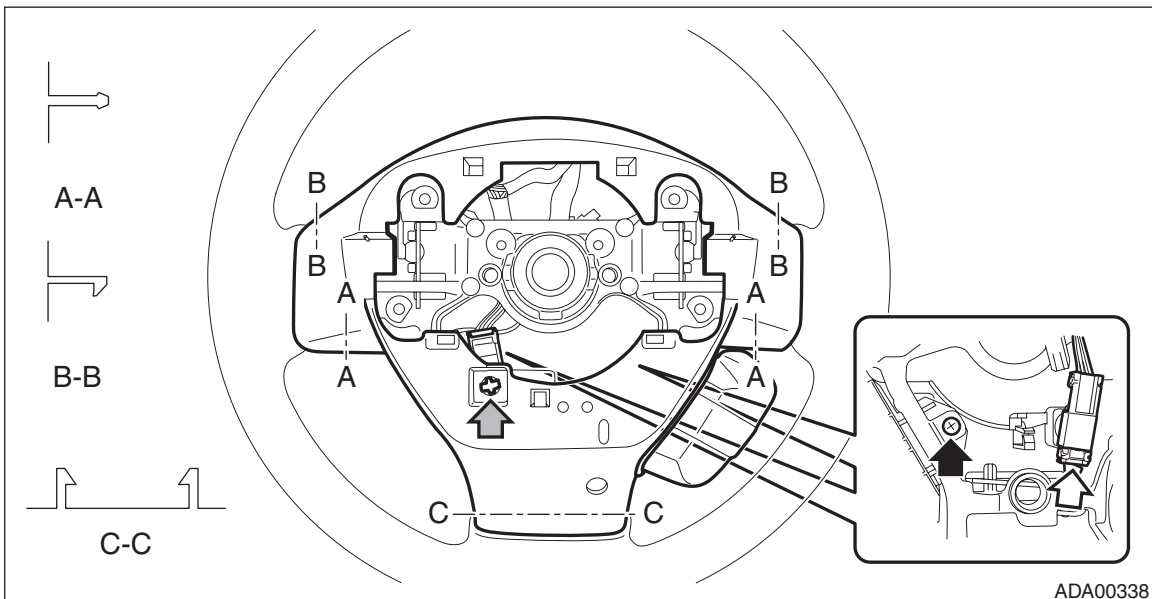
## C: DISASSEMBLY

- 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.



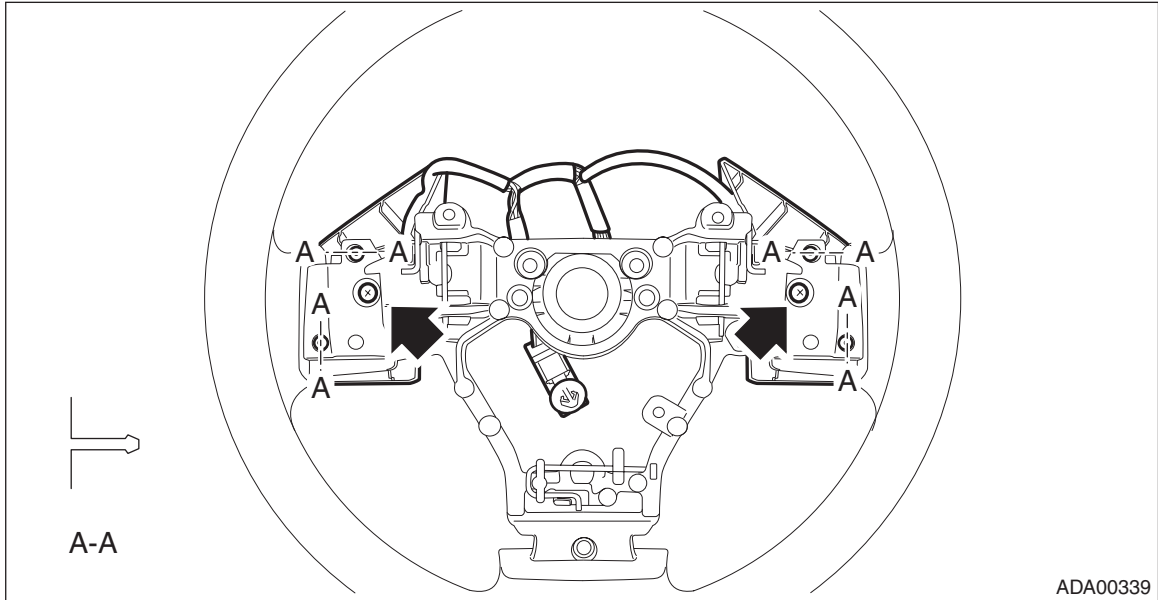
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3) Remove the screw to remove the cruise control command switch assembly.



### D: ASSEMBLY

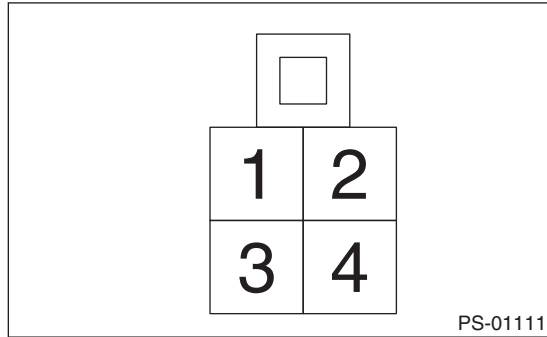
Assemble each part in the reverse order of disassembly.

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## 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. <b>Terminals</b> <b>No. 3 — No. 4:</b>	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. <b>Terminals</b> <b>No. 1 — No. 2:</b>	Is the resistance less than 10 $\Omega$ ?	Go to step 3.	Replace the paddle shift assembly.
<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.