

Vehicle-Specific Power Tailgate Lift System

Citroen C5 Aircross

2017-2024

Part no. ARCC5A17



Points to Note

- For safety and to ensure proper product use, we recommend professional installation. Do not attempt to disassemble or install the system yourself, as this may result in product damage or personal injury.
- Route each wire harness according to the instructions in this manual, securing them to the vehicle's factory harnesses with cable ties. Ensure the wiring is kept clear of fasteners and screw holes to prevent the harnesses from being crushed or pinched by trim panel clips and screws during reassembly.
- Some wire harness terminals (indicated by the red ellipses below) are left disconnected during manufacturing. Please insert these terminals into their corresponding connectors before routing the harnesses to prevent short circuits. Once routed, connect the remaining harness plugs (indicated by the blue ellipses) to the vehicle's factory plugs.



- Before beginning installation, inspect the vehicle's instrument panel display, verify that all buttons, doors, and windows operate correctly, and check for any pre-existing scratches on the interior or exterior. Report any issues to the customer immediately.

Installation Precautions

- Remove any metal accessories or hard objects from your person during installation to prevent damaging the vehicle's paint, seats, or interior. Carefully store all removed trim components in a safe location to avoid scratches.
- The illustrations in this manual are for reference only. While specific vehicle configurations may vary slightly from the pictures, the general installation methods remain the same.

In the Box

1		Strut	Qty 2
2		Tailgate ECU	Qty 1 set
3		Wire harness	Qty 1 set
4		Power latch	Qty 1
5		Tailgate switch	Qty 1

Other Accessories

Screws, brackets

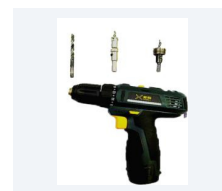
Recommended Tools



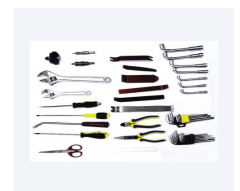
Threading tools



Quick release
ratchet wrench set



Electric drill and
drill bits



Other tools

Notice

This vehicle-specific kit converts the manual tailgate on the vehicle listed in this manual to power operation. Installation requires a good level of technical knowledge. Please read this manual in its entirety before you start.

Use the correct tools during installation to prevent damage to the vehicle or the product. Please note that we cannot be held liable for any issues arising from improper installation.

Before starting the installation, disconnect the negative battery terminal and make sure the ignition is off and the key is removed or kept away from the vehicle.

Installation



- 1 Remove the indicated fuse box trim panel and the front passenger side door sill panel.



- 2 Remove the rear left side door sill panel and B-pillar trim panel.



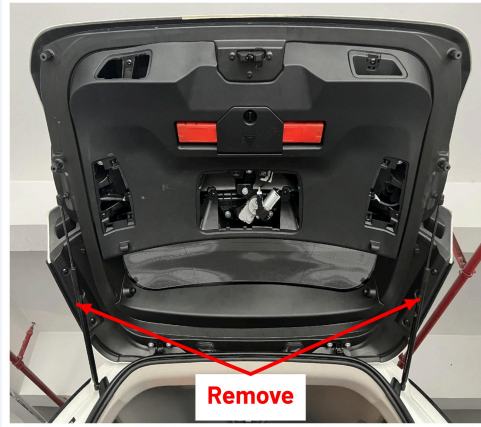
- 3 Remove the indicated trim panels and sun visor.



- 4 Remove the tailgate trim panels.



- 5 Pay attention to the screws indicated by the red circles.



- 6 Remove the factory gas struts. To do this safely, remove and replace one strut at a time.



- 7 Replace the left body bracket.



- 8 Replace the right body bracket.



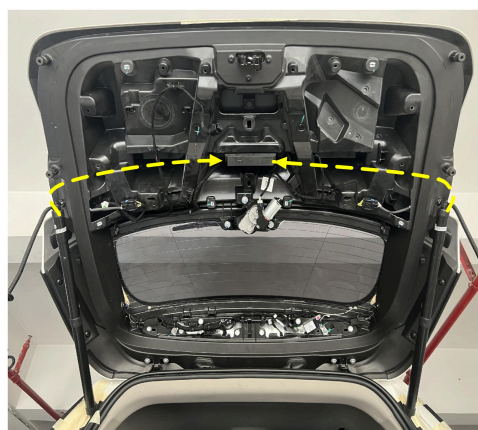
- 9 Replace the ball studs on both sides of the tailgate.



- 10 Install the electric struts, L on the left and R on the right (the first letter of the strut code).



- 11 Drill a 21mm hole at the indicated position to allow the strut wire harness to pass through.



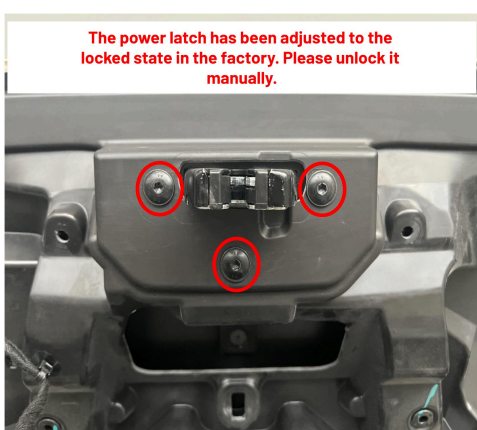
- 12 Thread the left and right strut wire harnesses into the tailgate as indicated, then seal the holes with grommets.



- 13 Remove the factory latch.



- 14 Fit the power latch onto the sheet metal of the factory latch.



- 15 Install the power latch.



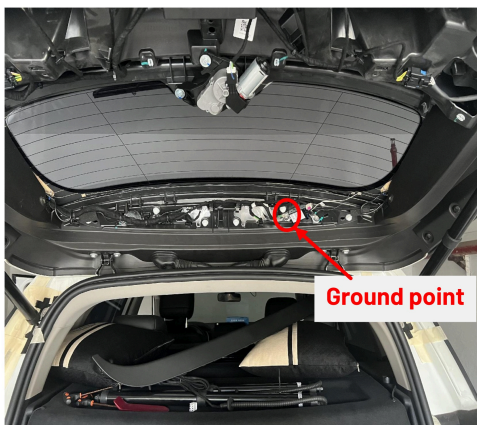
- 16 Connect the connectors of the lock signal harness to the power latch.



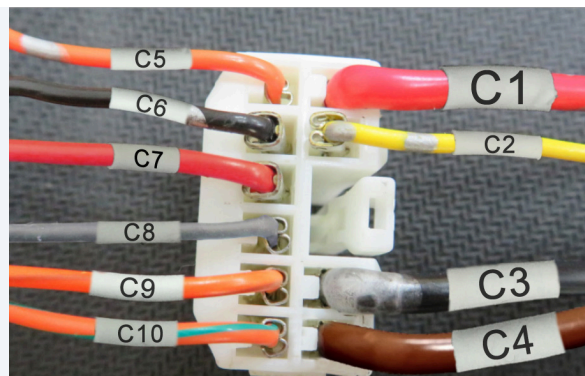
- 17 Connect the connectors of the lock signal harness to the factory tailgate switch.



- 18 Route the power harness as indicated. If installing the front switch, route the switch extension wire in the same way.



- 19 Connect the ground wire to the indicated position on the tailgate.

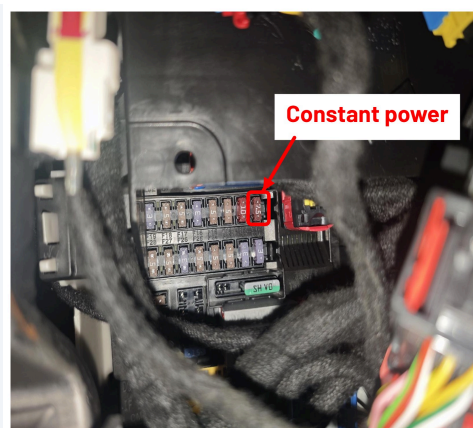


Note: For models with fewer than 10 wires, just insert them according to the corresponding label or color.

- 20 Insert the power harness terminals into the connectors as shown in the diagram.



- 21 Connect to the connectors at the rear left B-pillar.



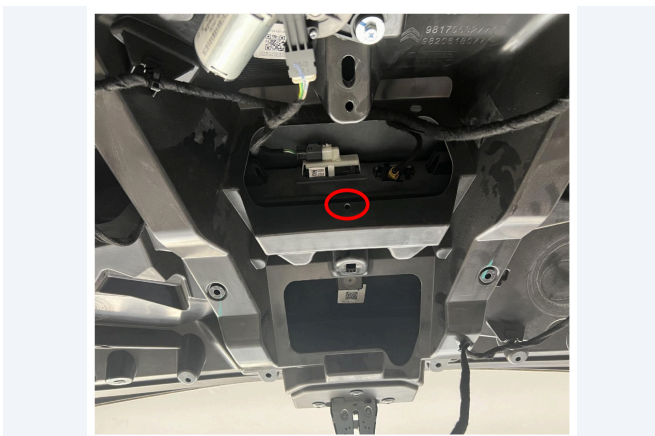
- 22 The fuse box is located in the driver's area; the power supply fuse slot is indicated above.



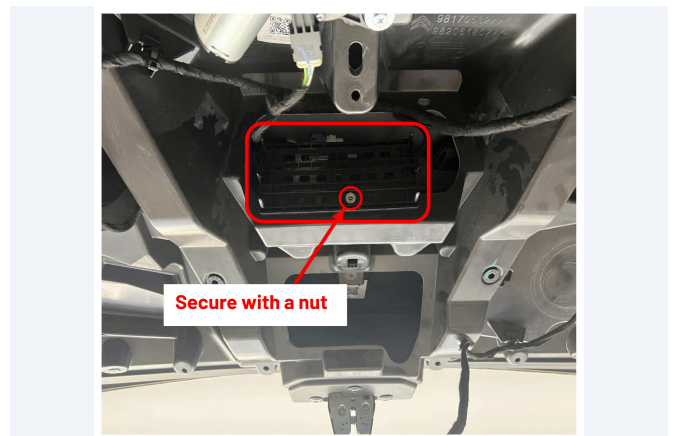
- 23 Move the fuse from the fuse box to the fuse tap.



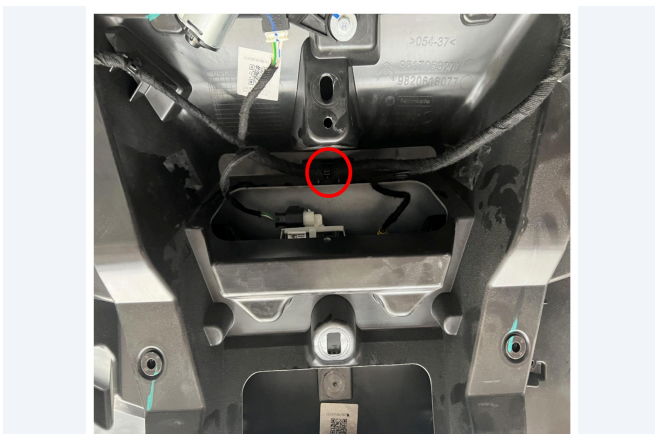
- 24 Plug the fuse tap into the fuse box, taking note of the wire direction.



- 25 Drill a hole at the indicated position with a 6mm drill bit.



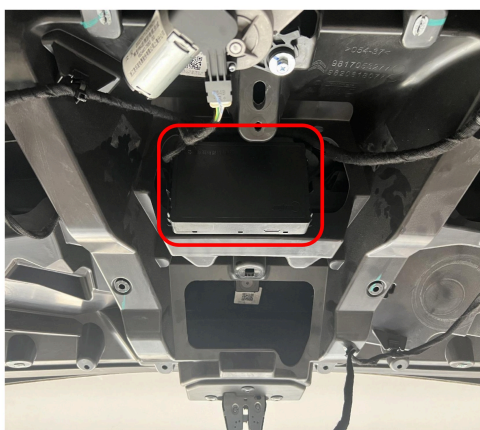
- 26 Install the tailgate ECU bracket.



- 27 Remove the indicated cable clip.



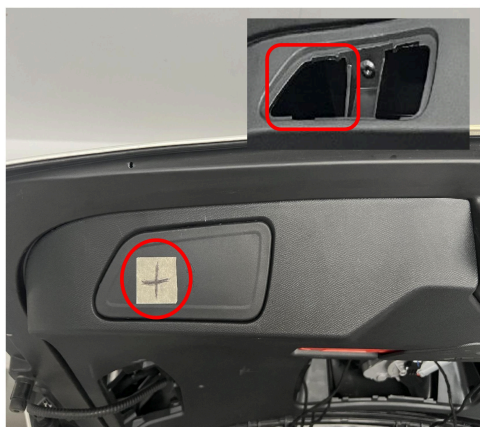
- 28 Insert the left and right strut wire harnesses①②, lock signal harness③, and power harness④ into the tailgate ECU in sequence.



- 29 Fit the tailgate ECU into its bracket and tie the wire harnesses to the original wire harness.



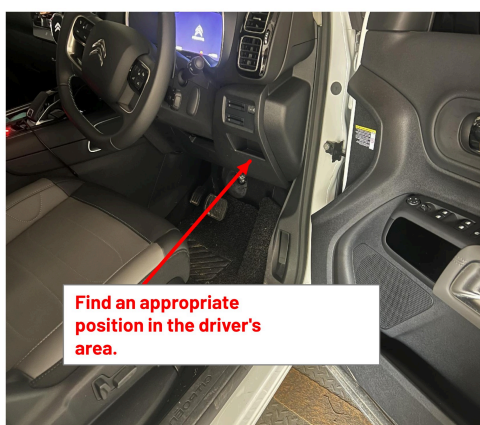
- 30 Press the new tailgate switch once to close the tailgate; the system will complete initialisation. Then test each function of the electric tailgate.



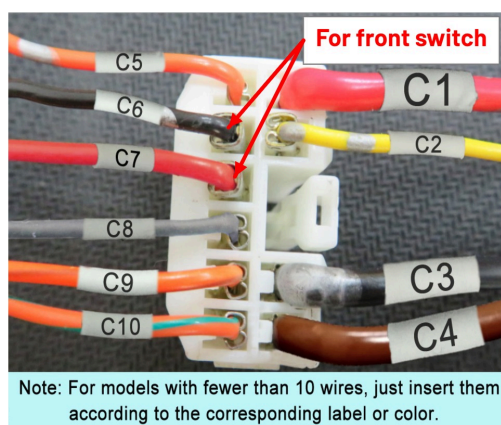
- 31 Attach the hole template to the indicated position and drill a hole for the new tailgate switch.



- 32 Install the new tailgate switch and reinstall all trim panels.



(Optional) Drill a 21mm hole with the provided hole saw and fit the front switch.



Insert the two terminals of the front switch extension wire into the power harness connector according to the wire label.

System Initialisation

1. Press the newly installed tailgate switch to close the tailgate automatically.
2. Press the exterior tailgate switch to open the tailgate; you will hear a long beep.
3. System initialisation is now complete.

Operating Instructions

1. Opening and Closing the Tailgate:
 - Press and hold the tailgate button on the remote key;
 - Press the unlock button in the driver's area 6 times;
 - Press the factory tailgate switch;
 - Press the newly installed tailgate switch to close the tailgate.
 - Press and hold the front switch for 4s to open the tailgate, or press briefly to close it.
2. Pausing the Tailgate:

While the tailgate is in motion, press any of the control buttons to pause it. Pressing a button again will reverse the tailgate's direction.

Configuring the Tailgate Switch Settings

- 1 Adjusting Closing Speed (5 Levels)
 1. Press and hold the switch until you hear a single short beep.
 2. Release the button; a short beep confirms the new closing speed is set.
 3. Repeat this process to increase the speed by one level.
- 2 Adjusting Opening Speed (5 Levels)
 1. Press and hold the switch until you hear two short beeps.
 2. Release the button; two short beeps confirm the new opening speed is set.
 3. Repeat this process to increase the speed by one level.
- 3 Voice Module Configuration
 1. Press and hold the switch until you hear three short beeps.
 2. Release the button; three short beeps confirm the voice module has entered configuration mode. (For details, see the voice module operation manual.)
- 4 Muting the Voice Module
 1. Press and hold the switch until you hear four short beeps.
 2. Release the button; four short beeps confirm the voice module is muted.
- 5 Setting the Maximum Opening Height
 1. Press and hold the switch until you hear five short beeps.
 2. Release the button; a long beep confirms the new height setting is saved.
- 6 Remote Key Unlock Button Sensitivity(Quick/Slow Press)
 1. Press and hold the newly installed tailgate switch until you hear the sixth short beep.

2. Release the button; a long beep followed by a short beep confirms the switch between quick press and slow press of the unlock button has taken effect.
- 7 Remote Key Activation (Double-Press vs. Triple-Press)
 1. Press and hold the switch button until hearing the seventh short beep sound.
 2. Release the button; a long beep followed by two short beeps confirms the switch between pressing the unlock button twice or three times has taken effect.
- 8 Adjusting Braking Force (5 Levels)
 1. Press and hold the switch button until hearing the eighth short beep sound.
 2. After releasing the button, you will hear a long beep sound and three short beeps indicating that the switch between pressing the unlock button twice/three times has taken effect.
- 9 Factory Reset
 1. Press and hold the switch button until hearing the ninth short beep sound.
 2. Release the button; a long beep followed by four short beeps confirms the restoration to factory settings has taken effect.

Buzzer Sound Indicators

One Beep: A signal to open, close, or pause has been received; the tailgate will immediately open, close, or pause.

Two Beeps: The tailgate is fully opened or fully closed.

Three Beeps: The tailgate encountered excess resistance; the intelligent anti-pinch safety feature has been activated.

Technical Support

If you need help setting up or using your Aerpro product, now or in the future, call Aerpro Support Australia on 03 8587 8889, Monday to Friday, 9am to 5pm AEST.

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