

# Vehicle-Specific Power Tailgate Lift System

**Audi Q3**

2010-2016

Part no. ARAQ310



## 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     |

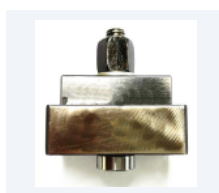
### Other Accessories

Screws, brackets

## Recommended Tools



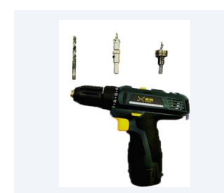
Threading tools



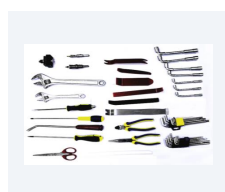
Hole opener



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 driver side trim panels and door sill panel and the front passenger side door sill panel.



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



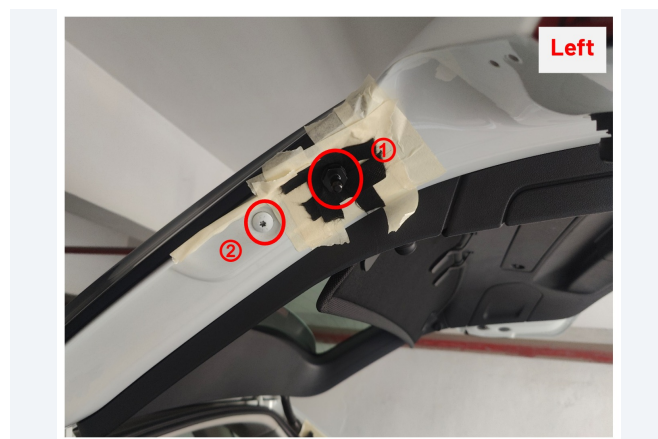
- 3 Remove the boot floor mat and the door sill panel. Partially remove the trim panels on both sides.



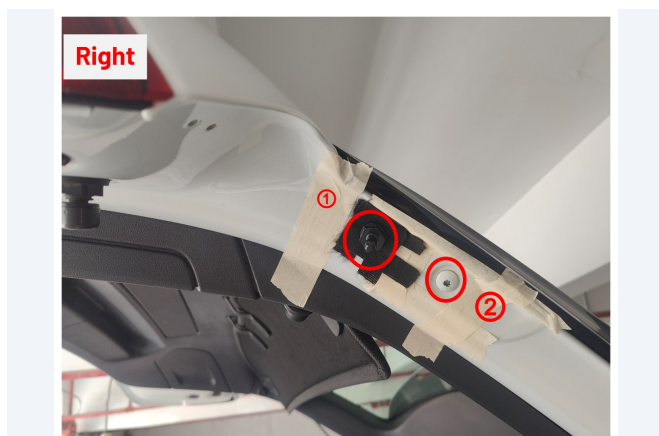
- 4 Remove the tailgate trim panels (attention: remove the screws in the circles first).



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



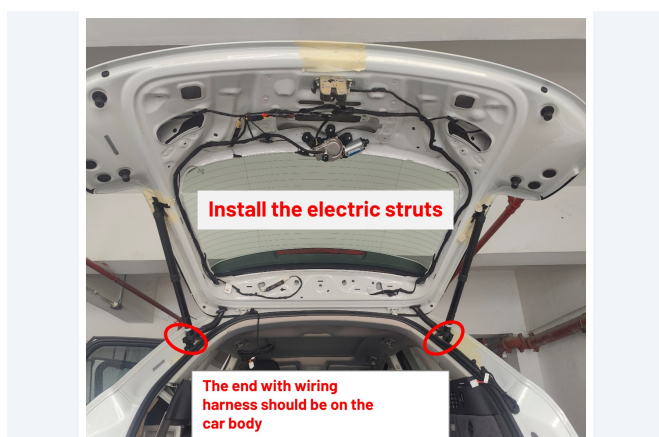
- 6 Replace the screw in position ① with our reinforcing ball stud, and replace the original ball stud in position ② with the removed screw.



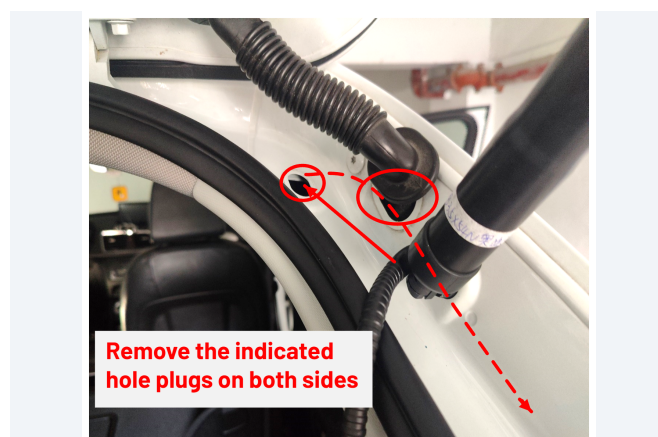
- 7 Replace the screw in position ① with our reinforcing ball stud, and replace the original ball stud in position ② with the removed screw.



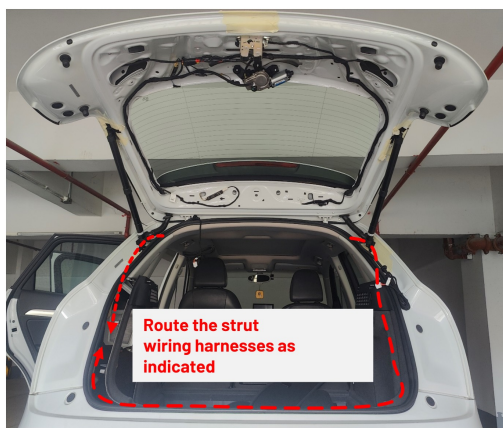
- 8 Replace the ball studs on both sides of the car body.



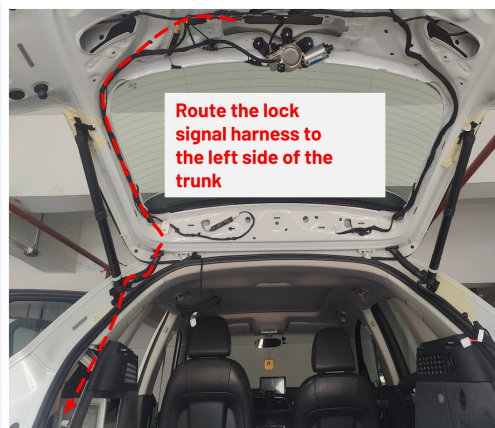
- 9 Install the electric struts (L for the left side, R for the right side, as indicated by the first letter of the strut code).



- 10 Remove the indicated hole plugs to allow the strut wire harness to pass through.



- 11** Route the strut wire harnesses to the left side of the boot as indicated and plug the holes.



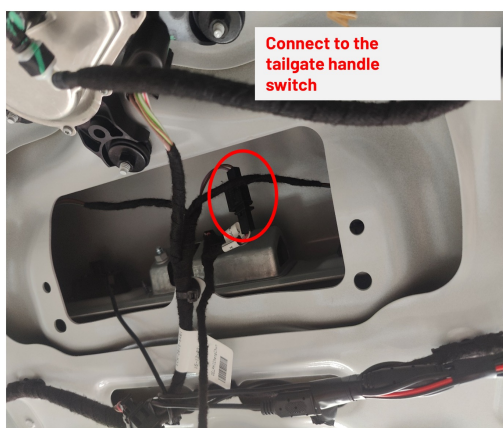
- 12** Route the lock signal harness to the left side of the boot along the original wire harness.



- 13** Remove the original latch and install our power latch.



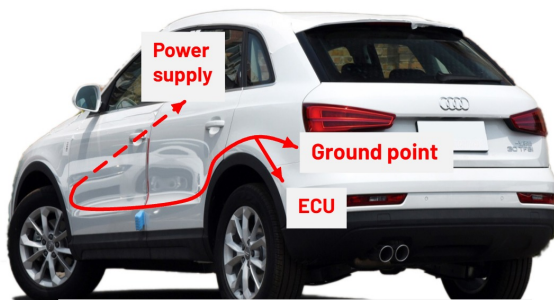
- 14** Connect the connectors of the lock signal harness to the power latch.



- 15** Connect the connectors of the lock signal harness to the tailgate handle switch.



- 16** Insert the lock signal harness terminals into the connector according to the diagram.

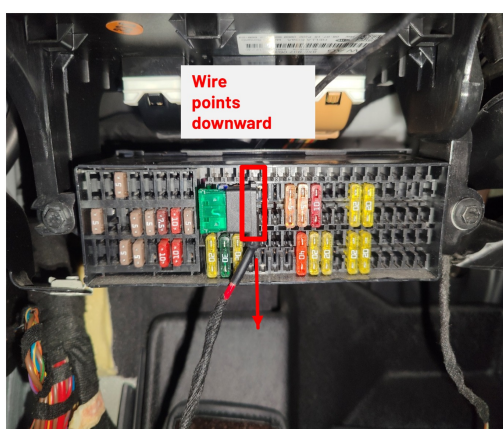


Route the power harness as indicated  
(Routing only no power connection for now)

- 17 Route the power harness (Routing only, no power connection for now).



- 18 Secure the ground wire connector to the factory grounding point at the indicated position.



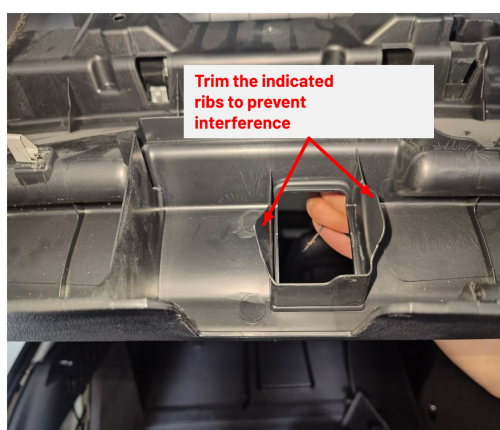
- 19 Plug the fuse tap into the indicated slot for power supply and pay attention to the direction.



- 20 Insert the left and right strut wire harnesses ①②, lock signal harness ③, and power harness ④ into the tailgate ECU in sequence.



- 21 Secure the tailgate ECU at the indicated position on the left side of the boot.



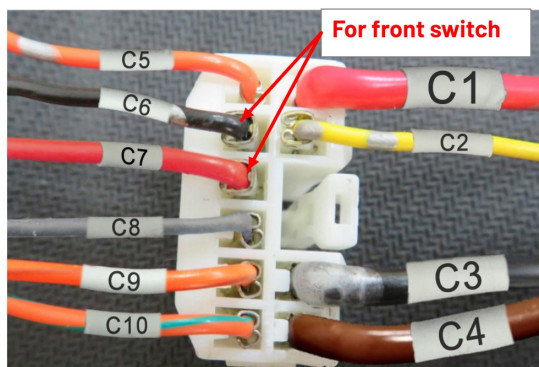
- 22 Trim the indicated ribs to prevent interference with the power latch.



- 23** Attach the hole template to the indicated position on the trim panel, drill a hole, and install the new tailgate switch.



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



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

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



- 24** Manually close the tailgate to the position where it touches the striker, press the tailgate buttons to open and close the tailgate once to initialise the system and test each function of the electric tailgate.

## System Initialisation

1. Press the newly installed tailgate switch to close the tailgate automatically.
2. Press the exterior tailgate switch to open it; 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 tailgate handle switch;
- Press the newly installed tailgate switch;
- Press and hold the front switch for 4 seconds to open, or press it briefly to close.

### 2. Pausing the Tailgate:

During the operation of the tailgate, press the button with any of the above methods, and the tailgate will be paused. Press again, and the tailgate will move in reverse.

## Configuring the Tailgate Switch Settings

### 1 Adjusting Closing Speed (5 Levels)

1. Press and hold the switch button until hearing the first short beep sound.
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 button until hearing the second short beep sound
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 button until hearing the third short beep sound.
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 button until hearing the fourth beep sound.
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 button until hearing the fifth short beep sound.
2. Release the button; a long beep confirms the new height setting is set.

### 6 Remote Key Unlock Button Sensitivity (Quick/Slow Press)

1. Press and hold the switch until you hear the sixth short beep.
2. Release the button; a long beep followed by a short beep confirms the toggle between quick and slow press of the unlock button.

### 7 Remote Key Activation (Double-Press vs. Triple-Press)

1. Press and hold the switch until you hear the seventh short beep.
2. Release the button; a long beep followed by two short beeps confirms the toggle between double-pressing and triple-pressing the unlock button.

## 8 Adjusting Braking Force (5 Levels)

1. Press and hold the switch until you hear the eighth short beep.
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.
3. Repeat this process to increase the braking force by one level.

## 9 Factory Reset

1. Press and hold the switch until you hear the ninth short beep.
2. Release the button; a long beep followed by four short beeps confirms the factory reset has taken effect.

## Buzzer Sound Indicators

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

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.

To download a digital copy of this manual, or other Aerpro manuals and software, visit [aerpro.com](http://aerpro.com).