# Vehicle-Specific Power Tailgate Lift System




## Volkswagen Tiguan L

2017-2023

Part no. ARVTGN17

## 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

## Kick Sensor (Sold Separately)

This kit is compatible with the Aerpro Power Tailgate Kick Sensor (part no. ARTGKS), sold separately. Once fitted under the rear bumper, it lets you open and close the tailgate with a light kick of your foot.

More information: **aerpro.com/ARTGKS**

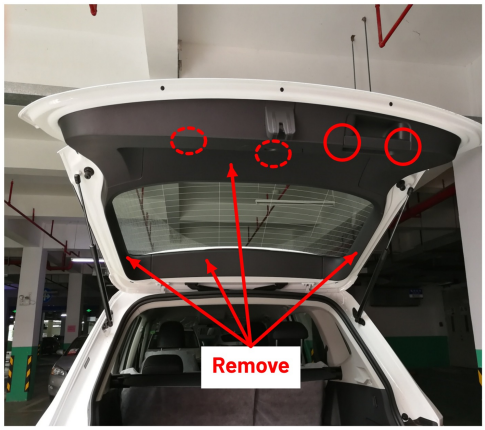
## Notice

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 tailgate trim panels (there are screws in the circles).



2 Take out the boot floor mat. Remove the screws from door sill panel and the trim panel on the left side.



3 Remove the trim panel on the left side of the boot.




4 Remove the front left side trim panel and door sill panel.



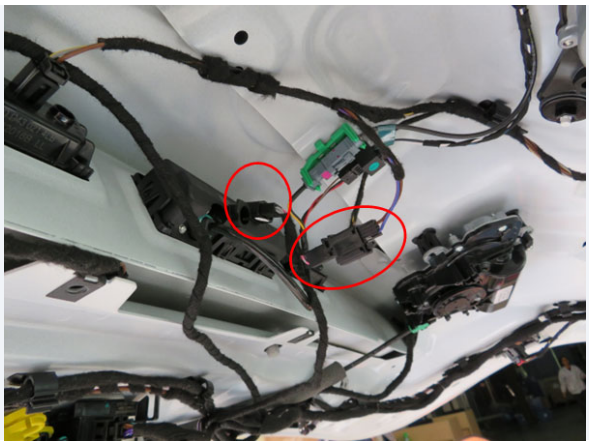

5 Remove the rear left side door sill panel and B-pillar trim panel.



6 Remove the factory latch and install the new lock latch.



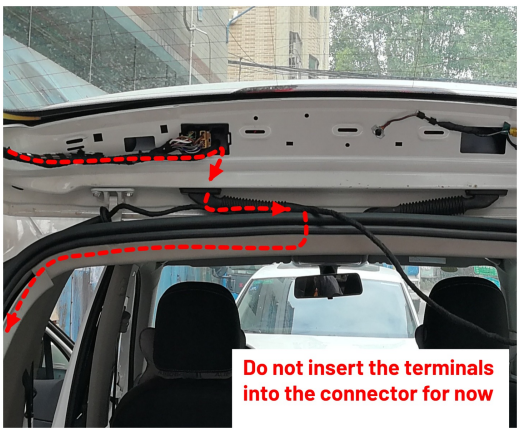
7 Connect the lock signal harness connectors to the power latch.



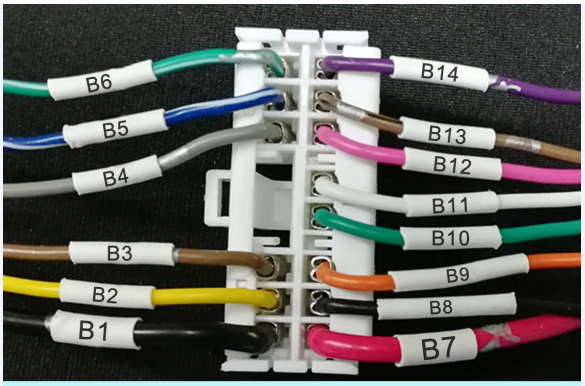
8 Connect the lock signal harness connectors to the tailgate handle switch.



9 Install the power latch.

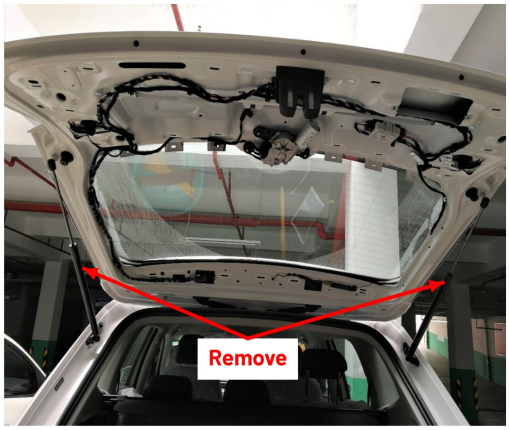



10 Route the lock signal harness to the left side of the boot.

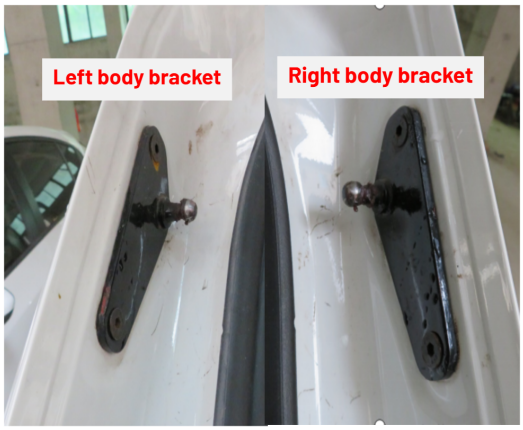



Note: For models with fewer than 14 wires, just insert them according to the corresponding label or color.

11 Insert the lock signal harness terminals into the wire harness connector.




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




13 Replace the left and right body brackets.



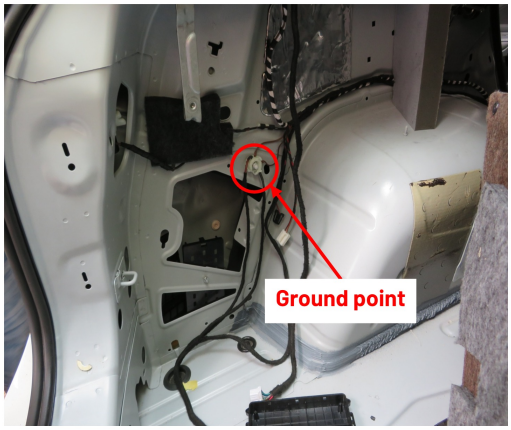

14 Install the electric struts (L for the left side, R for the right side, as indicated by the first letter of the strut code).



15 Thread the strut wire harnesses through the holes beside the hinges into the left side of the boot.



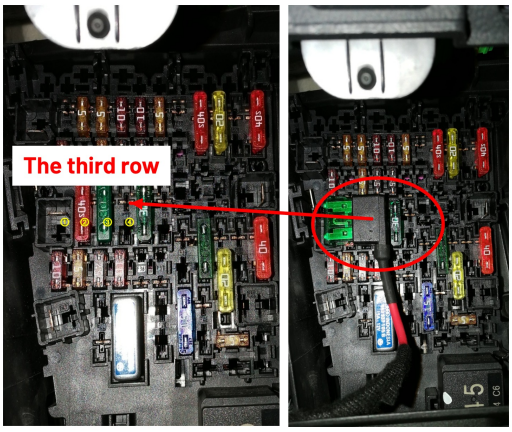

16 Route the power harness.




17 Secure the ground wire connector to the factory grounding point on the left side of the boot.



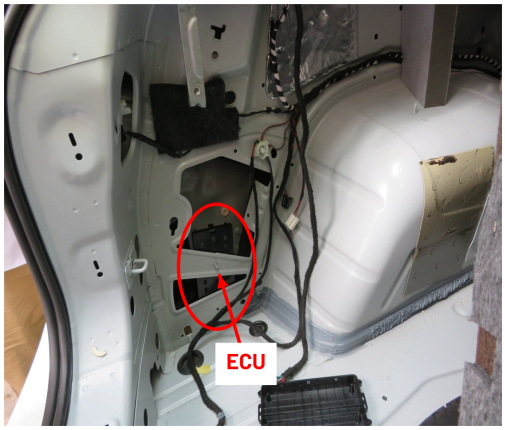

18 Connect the power harness to the indicated signal plug and socket on the CAN box (it may be located on the passenger side).




19 Plug the fuse tap into the indicated slot (fourth in the third row) with the wire pointing downward.



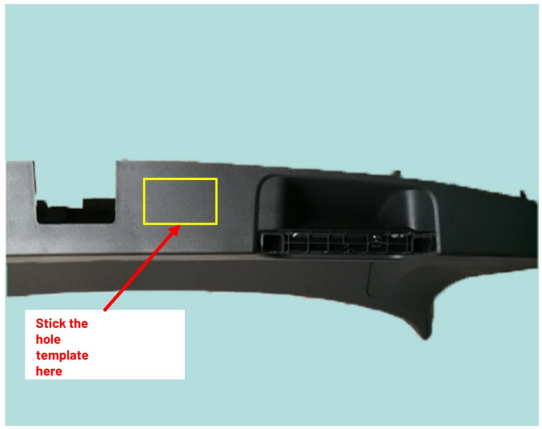

20 Insert the strut wire harnesses ①②, lock signal harness ③, and power harness④ into the tailgate ECU in sequence and then mount the tailgate ECU onto its bracket.




21 Secure the tailgate ECU at the indicated position.



22 Initialise the system once and test each function of the electric tailgate.



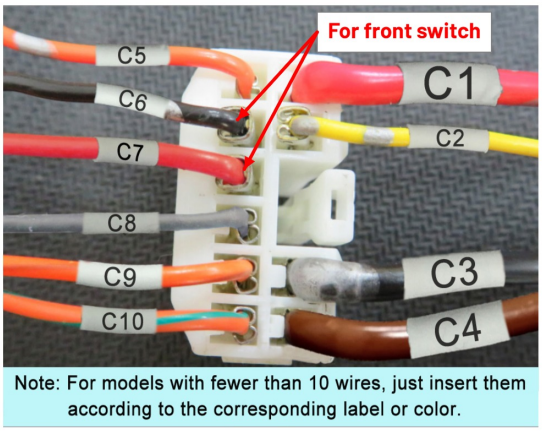

23 Stick the hole template to the indicated position on the tailgate trim panel.



24 Reinstall all trim panels and install the new tailgate switch.




Drill a 21mm hole using 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 labels.

## 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 unlock button near the driver's seat 3 times;
   - Press the tailgate handle switch;
   - Press the newly installed tailgate switch.
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 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 switch between quick and slow unlock button presses is set.
7. **Remote Key Activation (Double-Press vs. Triple-Press)**
   1. Press and hold the switch until you hear the seventh short beep.
   2. After releasing the button, you will hear a long beep sound and two short beeps indicating that the switch between pressing the unlock button twice/three times has taken effect.
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 settings have been restored.

## Buzzer Sound Indicators

One Beep: The tailgate has received an open, close, or pause signal and 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.