Vehicle-Specific Power Tailgate Lift System

GWM Tank 300 Hybrid

2024-2025

Part no. ARGWNKH2

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

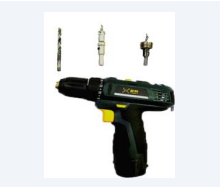
Other Accessories

Screws, brackets

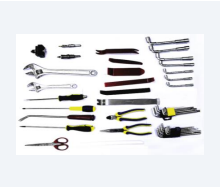
Recommended Tools

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 driver side trim panel, door sill panel and storage box.

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

3 Remove the tailgate trim panel.

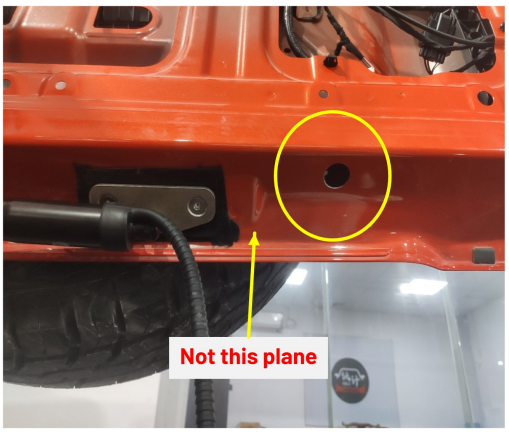
4 Take out the boot floor mat, foam storage box and remove the indicated trim panels on both sides.

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

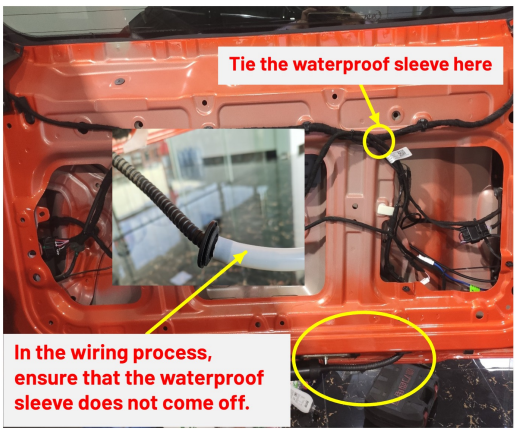
6 Replace the body bracket.

7 Replace the tailgate bracket.

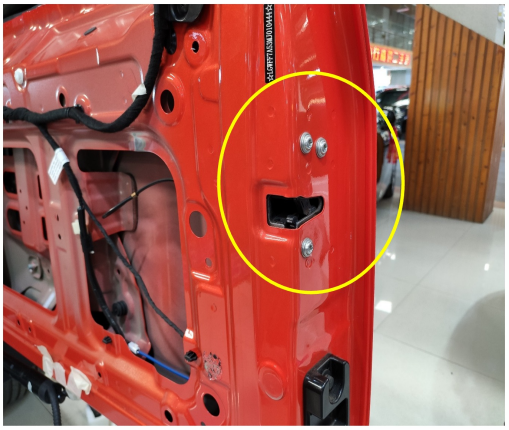
8 Install the electric strut, with the wire harness end facing the tailgate.



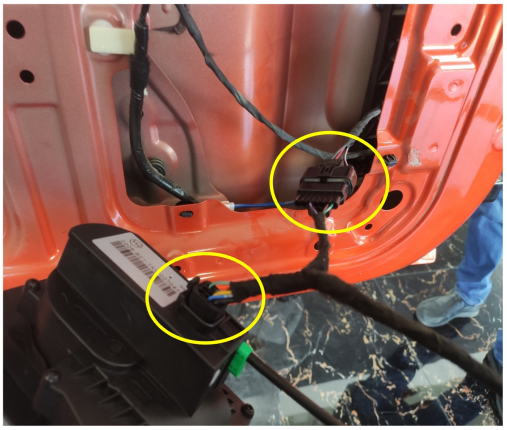
9 Drill a 21mm hole at the indicated position to allow the strut wire harness to pass through, then plug the hole.



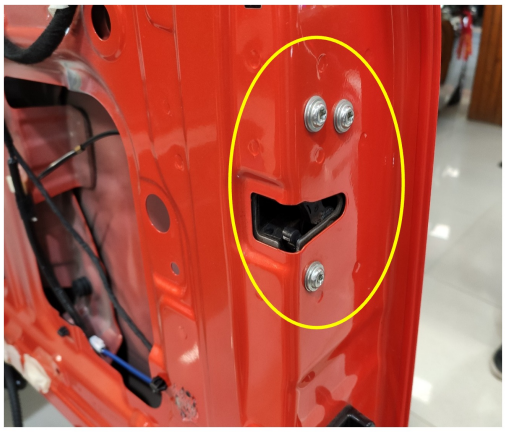
10 Thread the strut wire harness into the tailgate, plug the hole, and secure the waterproof sleeve at the indicated position.



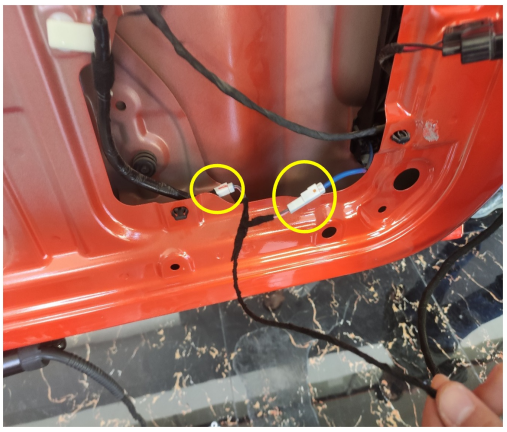
11 Remove the factory latch.



12 Connect the T-harness of the lock signal harness to the power latch.

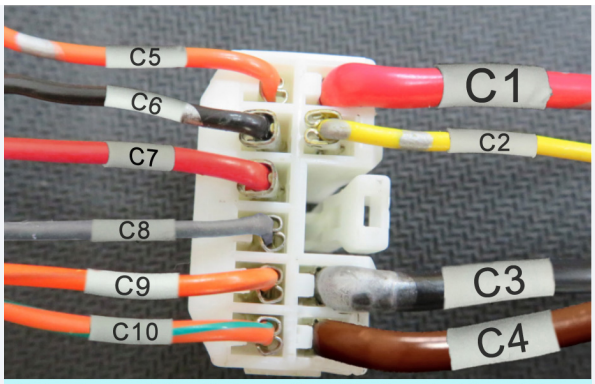


13 Install the power latch.



14 Connect the T-harness of the lock signal harness to the tailgate handle switch.

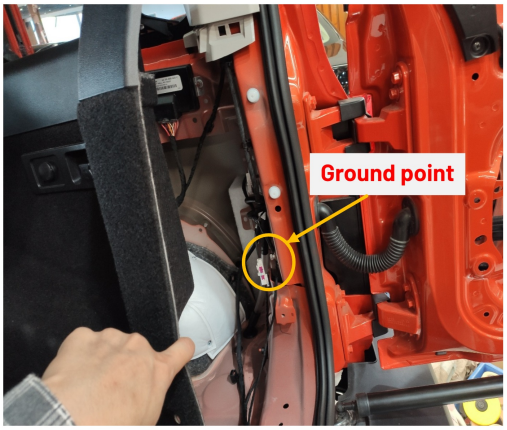
15 Route the power harness to the tailgate.



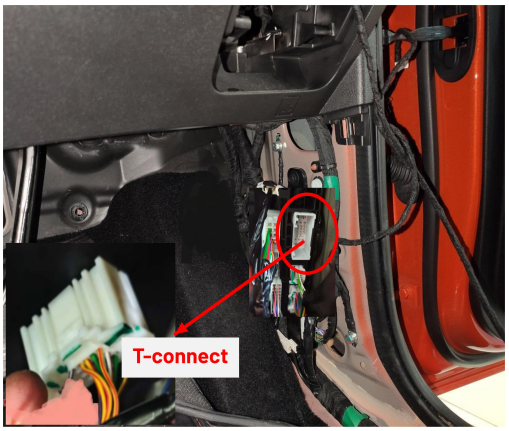
Note: For models with fewer than 10 wires, just insert them according to the corresponding label or color.

16 Insert the power harness terminals into the connector according to the diagram.

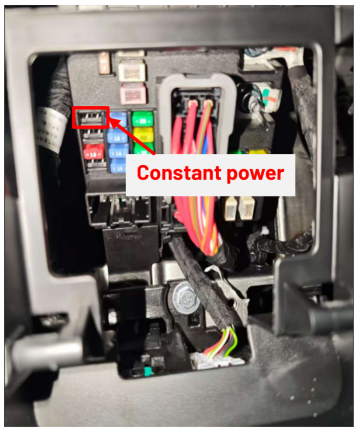
17 Route the power harness.



18 Secure the ground wire connector to the factory grounding point on the right side of the boot.

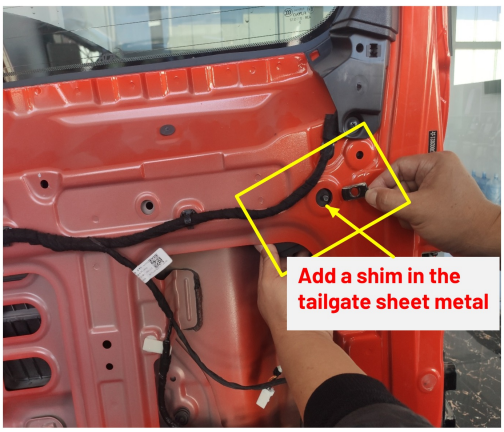


19 Connect the signal connectors to the indicated plug and socket.

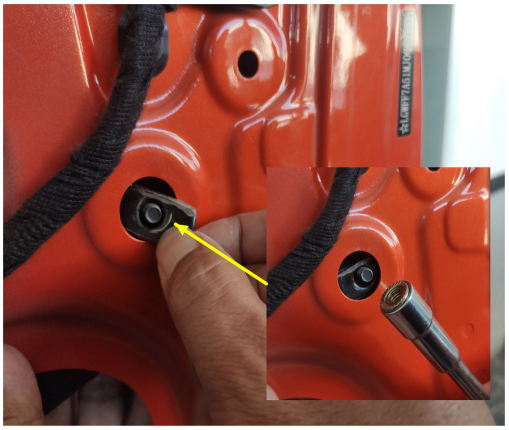


20 The power supply fuse slot is indicated above.

21 Move the factory fuse to the fuse tap, then plug the fuse tap into the fuse box.



22 Secure the tailgate ECU bracket at the indicated hole.



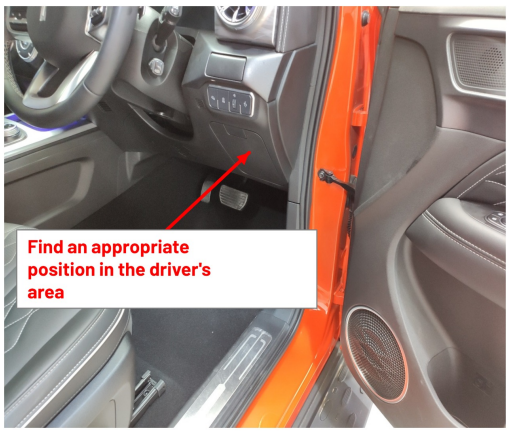
23 Use a nut to secure the shim.

24 Insert the left and right strut wire harnesses①, lock signal harness②, and power harness③ into the tailgate ECU in sequence.

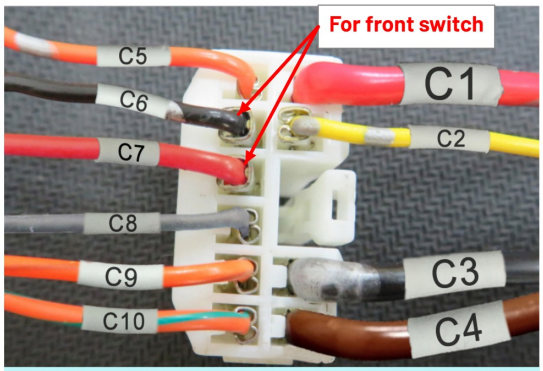
25 Replace the tailgate bump stop.

26 Press the new tailgate switch to open and close the tailgate once. This completes system initialisation. Test each function of the electric tailgate.

27 Reinstall all the trim panels after testing.



Drill a 21mm hole with 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, following the wire labels.

System Initialisation

1. Ensure the tailgate is in the open position after completing installation.
2. Manually push the tailgate closed.
3. Press the tailgate handle switch; the tailgate opens automatically.
4. System initialisation is now complete.

Operating Instructions

1. **Opening and Closing the Tailgate:**
   - Press the unlock button on the remote key three times.
   - Press the tailgate handle switch.
   - Press the front switch: press and hold to open, or press briefly to close.
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

Configure these settings using the tailgate handle switch. The tailgate must be open to access settings mode.

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. (Refer to the voice module operation manual for details.)

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 button until hearing the fifth beep sound;
2. Release the button; a long beep confirms the maximum opening height 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 unlock button sensitivity (quick or slow press) has been 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: An open, close, or pause signal 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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