Vehicle-Specific Power Tailgate Lift System



Toyota Landcruiser 200

2011-2015

Part no. ARTLC211

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 Install the reinforcing washers to the hinges with the provided screws, as appropriate for the vehicle model.



2 Remove the indicated trim panels on the driver's side, including the door sill panel.



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



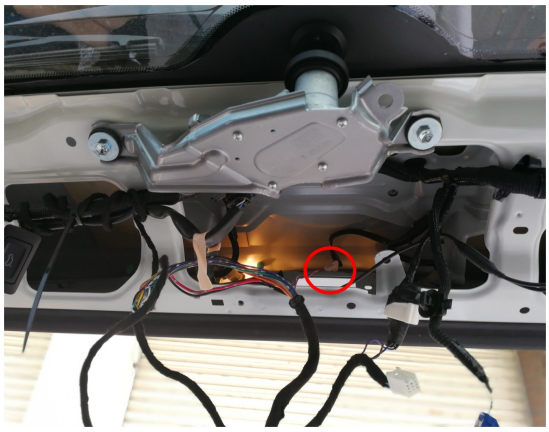
4 Remove the tailgate trim panels (the screw locations are circled).



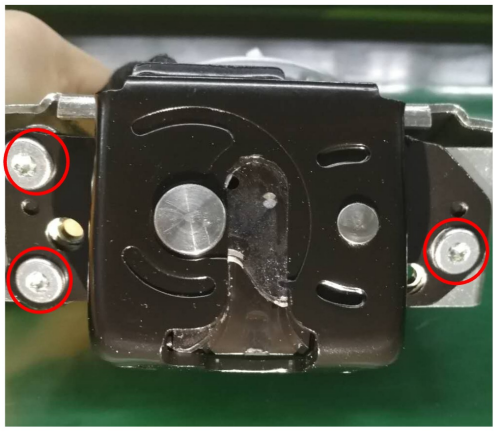
5 Remove the trim panels on the left side of the boot.



6 Remove the factory latch.



7 Connect the lock signal harness connectors to the factory tailgate switch.



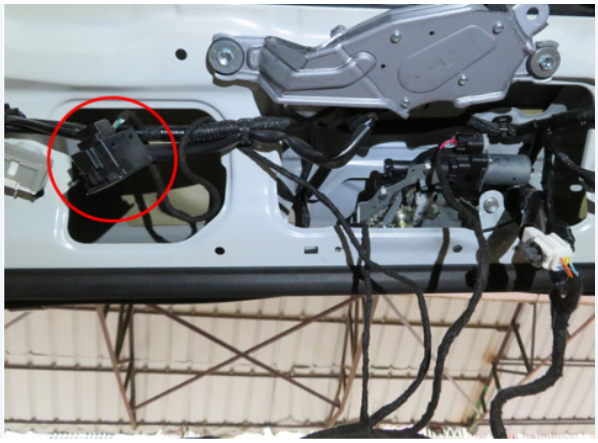
8 Remove the screws from the power latch.



9 Install the power latch.



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



11 Connect the lock signal harness connector to the new tailgate switch.



12 Remove the gas struts, replacing one at a time to do this safely.



13 Replace the left and right body ball studs.



14 Replace the left and right tailgate brackets (the ball studs are on the top half and near the spoiler).



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



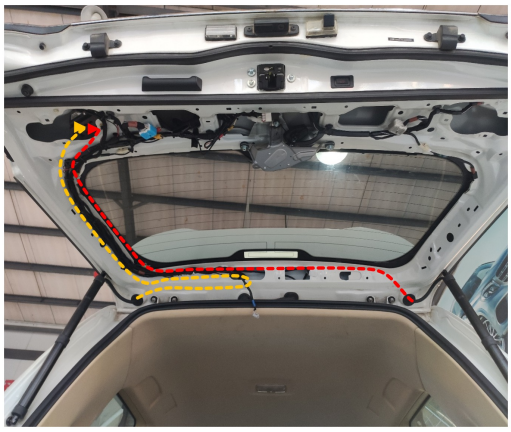
16 Remove the left and right tailgate rubber pads.



17 Cut a hole in the rubber pads at the indicated location, large enough for the strut wire harness plugs to pass through.



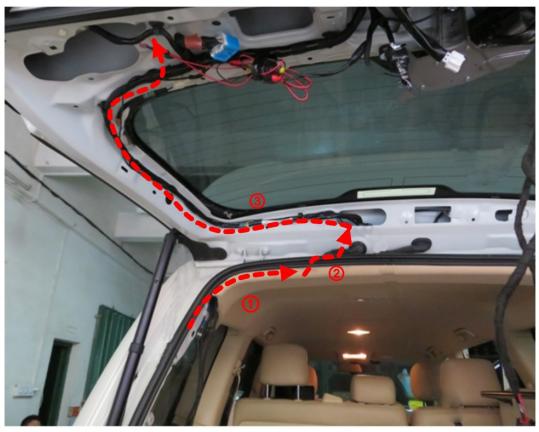
18 Remove the screw from the hole, then thread the strut wire harness through it.



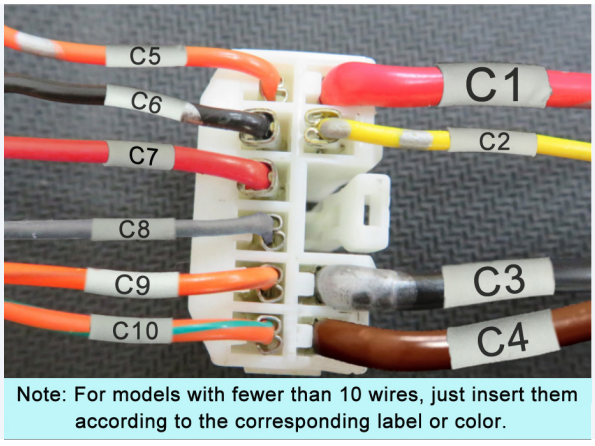
19 Route the strut wire harnesses as indicated.



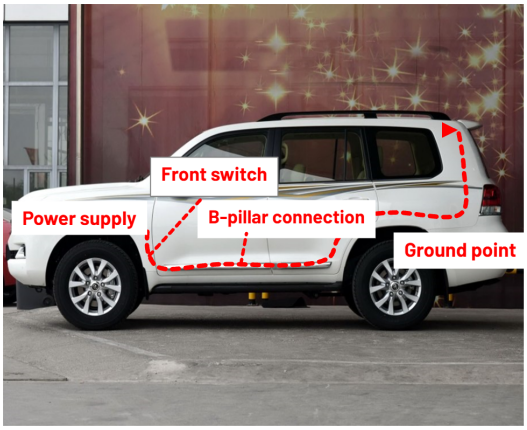
20 Reinstall the screw and seal the hole securely. Both sides are the same.



21 Thread the power harness to the left side of the tailgate (insert the terminals into the wire harness connector before connecting the plugs).



22 Insert the power harness terminals into the wire harness connector according to the diagram.



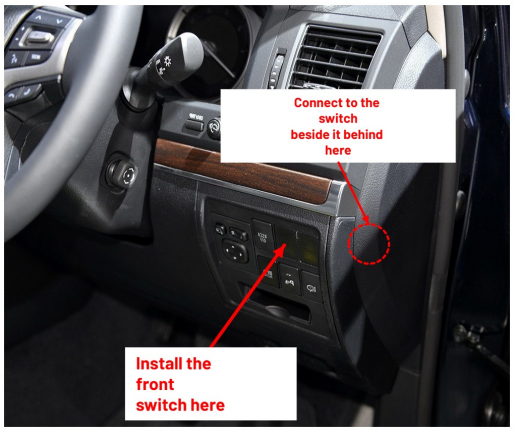
23 Route the power harness.



24 Secure the ground wire connector to the factory grounding point at the indicated location.



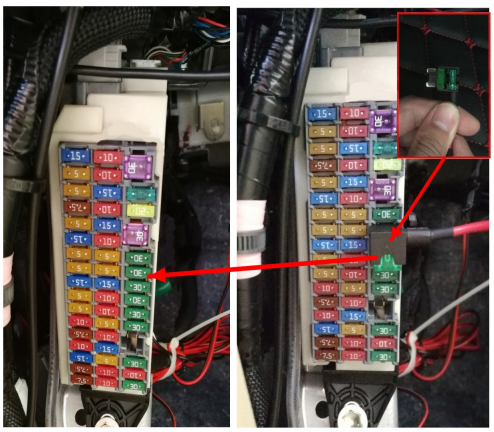
25 Thread the switch wire harness to the driver's area.



26 Remove the blank button from the switch panel and install the front switch.



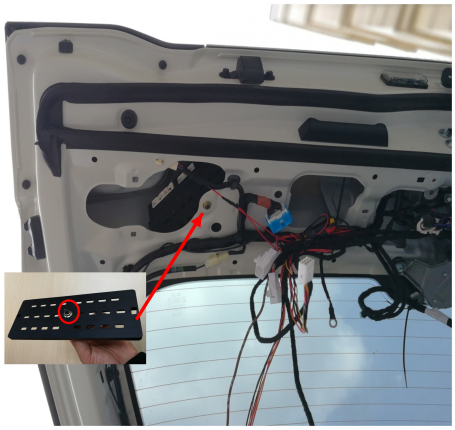
27 Connect the power harness connectors to the B-pillar signal connectors.



28 Move the indicated fuse (sixth in the rightmost column) to the fuse tap, then plug the fuse tap into the fuse box.



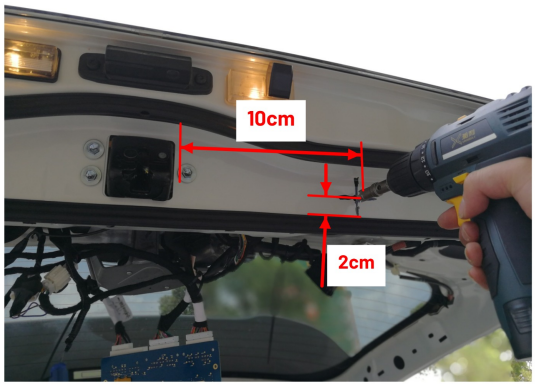
29 Insert the strut wire harnesses ①②, lock signal harness ③, and power harness ④ into the tailgate ECU in sequence, then mount the tailgate ECU on its bracket.



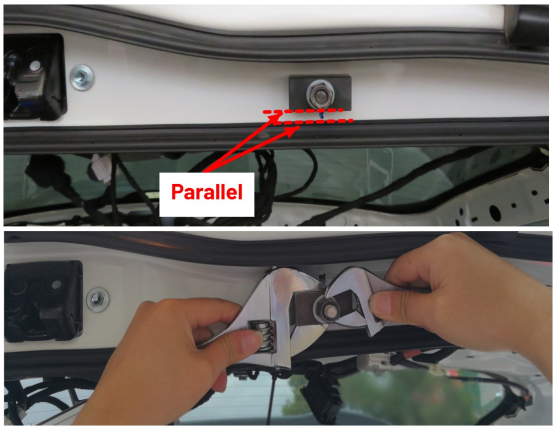
30 Screw a nut onto the tailgate ECU bracket, then secure it at the indicated hole.



31 Initialise the system, then test the electric tailgate functions.



32 Drill a 14mm hole in the right side of the tailgate.



33 Install the hole opener, ensuring its edge is parallel to the lower edge of the tailgate, and open the hole (use one wrench to hold the hole opener and another to turn the nut).



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

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 the unlock button on the remote key 3 times.
   - Press the unlock button near the driver's seat 3 times.
   - Press the factory tailgate switch.
   - Press the newly installed tailgate switch.
   - Press the front switch: hold for 4 seconds 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.
3. **Memorising the Height:**

   Open the tailgate to the desired height. Press and hold the newly installed tailgate switch, then release it when you hear a long beep. The height is now memorised.

   Tip: While the tailgate is in motion, pause it, then push it to the desired height by hand.

Buzzer Sound Indicators

One Beep: A signal to open, close, or pause 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.

Long Beep: The height has been memorised.

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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