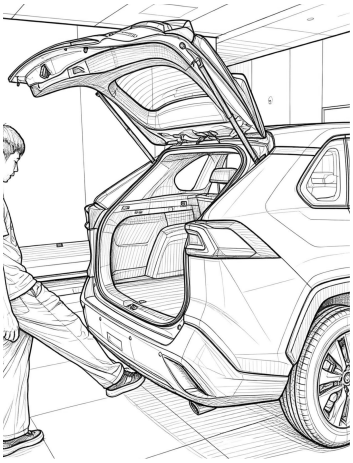
Power Tailgate Kick Sensor

Suits compatible Aerpro power tailgate kits

Part no. ARTGKS



Compatible Kits

This kick sensor plugs into the tailgate ECU of an Aerpro Vehicle-Specific Power Tailgate Lift System and suits the kits listed below.

Toyota Corolla	2019-2022	**ARTCRN19**
Toyota Corolla (w/ Tailgate Button)	2019-2023	**ARTCRL19**
Toyota Kluger	2021-2025	**ARTHLD22**
Toyota RAV4	2013-2018	**ARTRAV15**
Toyota RAV4	2019-2025	**ARTRAV20**
Toyota RAV4	2026 onwards	**ARTRAV26**
VW Passat B8 (Sedan Only)	2017-2023	**ARVPST17**
VW Tiguan Allspace	2017-2023	**ARVTGN17**

Points to Note

- For safety and to ensure proper product use, we recommend professional installation. Do not attempt to disassemble or install the kick sensor 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.
- 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 show a Toyota RAV4 and 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		Kick sensor assembly	Qty 1 set
2		Wire harness	Qty 1 set

Other Accessories

Plastic push pins, sticker

Recommended Tools



Threading tools



Quick release ratchet wrench set



Electric drill and drill bits



Other tools

Notice

This kick sensor adds hands-free opening and closing to a compatible Aerpro Vehicle-Specific Power Tailgate Lift System. Installation requires a good level of technical knowledge. Please read this manual in its entirety before you start.

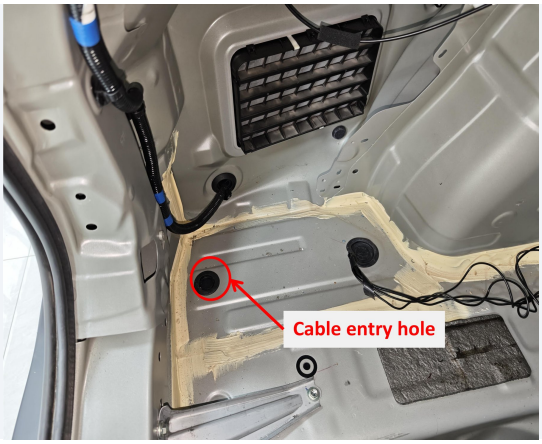
Use the correct tools during installation to prevent damage to the vehicle or the product. Please note that we cannot be held liable for any issues arising from improper installation.

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 trim panels on the left side of the boot.



2 Locate the cable entry hole on the left side of the boot.



3 Find the mounting position under the centre of the rear bumper.



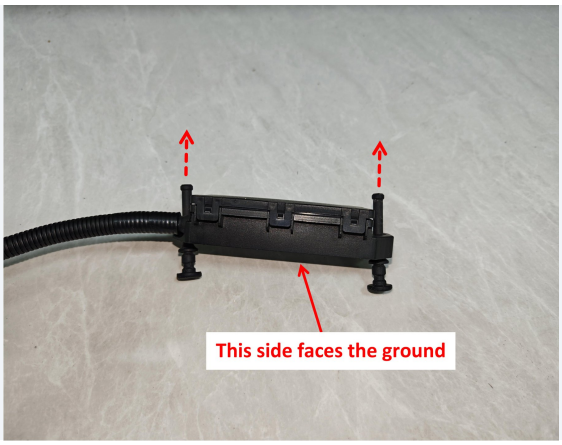
4 Stick the hole template in position.



5 Drill two holes using a 6mm drill bit.



6 Fit the plastic push pins into the holes.



7 This is the mounting surface of the kick sensor assembly. The marked side faces the ground.



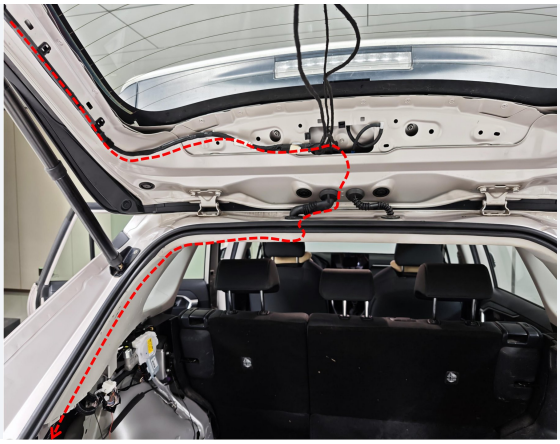
8 Pull the plastic push pins upwards to secure the kick sensor assembly.



9 Route the wire harness as shown, keeping it clear of the exhaust pipe.



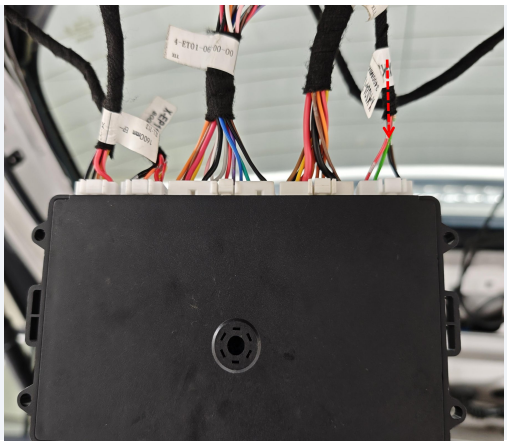
10 Seal the hole with the grommet.



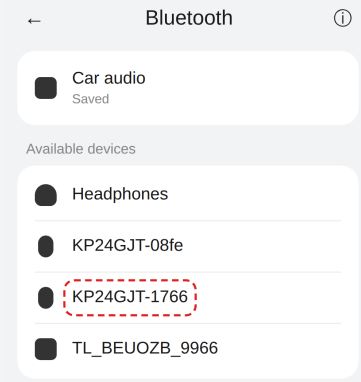
11 Route the extension cable as shown.



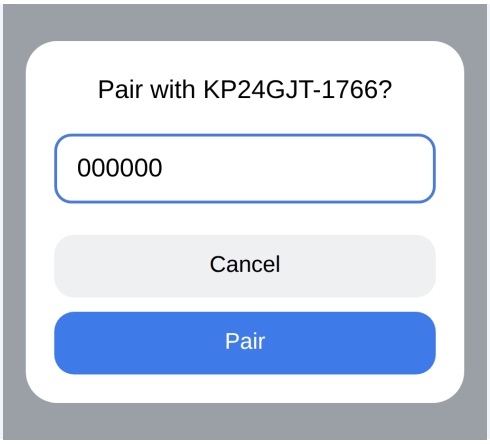
12 Connect the connector to the kick sensor assembly.



13 Plug the extension cable connector into the indicated socket on the tailgate ECU.



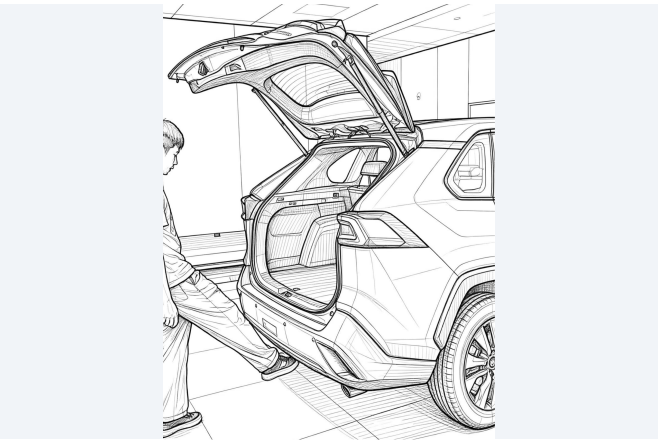
14 Reconnect the negative battery terminal. On your phone, turn on Bluetooth and find the kick sensor (for example, KP24GJT-1766).



15 Pair your phone with the kick sensor using the password 000000.



16 Stick the kick sensor label in a suitable position on the bumper.



17 Test the kick sensor by opening and closing the tailgate, then reinstall the trim panels.

Using the Kick Sensor

1. **Before You Use It:**

   The vehicle must be fully unlocked, so that all doors can be opened. On some models the engine must also be off and the transmission in Park (P).

2. **Opening and Closing the Tailgate:**

   Stand at the kick sensor position on the bumper, or at the kick sensor label, and make a natural up-and-down kick. Kick lightly, then pull your foot back.

   Note: Do not leave your foot under the bumper for a long time, or the sensor may not recognise the kick.

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.