Vehicle-Specific Power Tailgate Lift System

Isuzu MU-X

2020-2025

Part no. ARIZMX20



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.

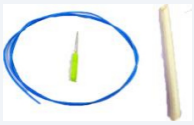
In the Box

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

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



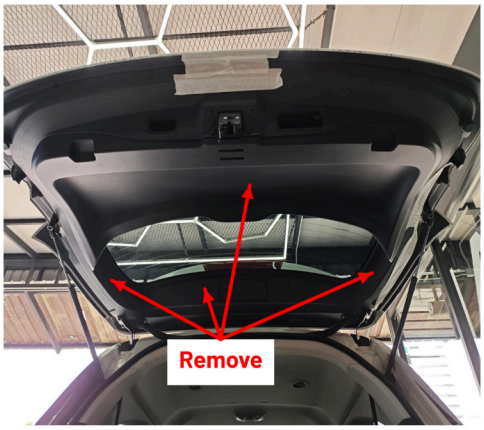
1 Remove the driver side door sill panel and fuse box trim panel.



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



3 Remove the indicated boot trim panels on both sides, boot floor mat and the foam storage box.



4 Remove the tailgate trim panels.



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



6 Replace the left body bracket.



7 Replace the right body bracket.



8 Replace the left tailgate bracket.



9 Replace the right tailgate bracket.



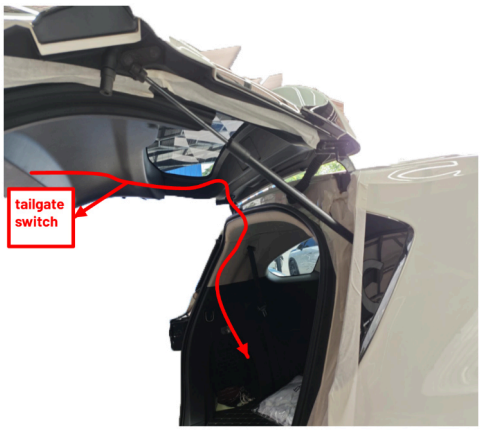
10 Install the electric struts, L on the left and R on the right (the first letter of the strut code).



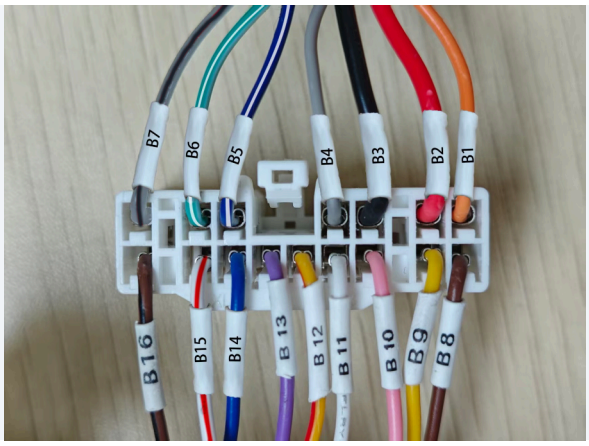
11 Drill a 21mm hole at the indicated position on both sides to allow the strut wire harnesses to pass through.



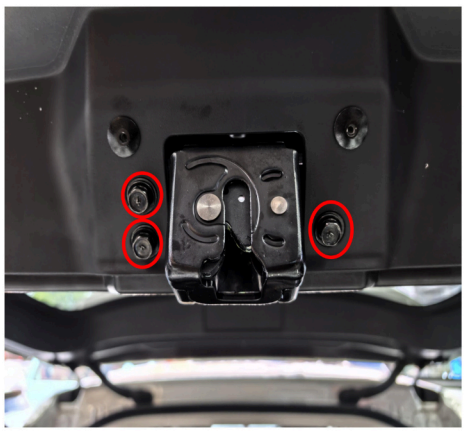
12 Route the left and right strut wire harnesses to the left of the boot and seal the holes with plugs.



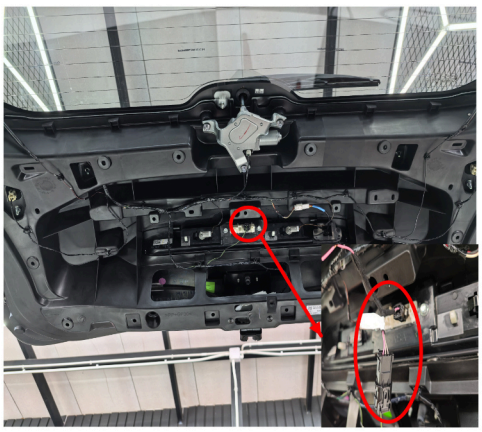
13 Route the lock signal harness to the left of the boot (routing only, no connection).



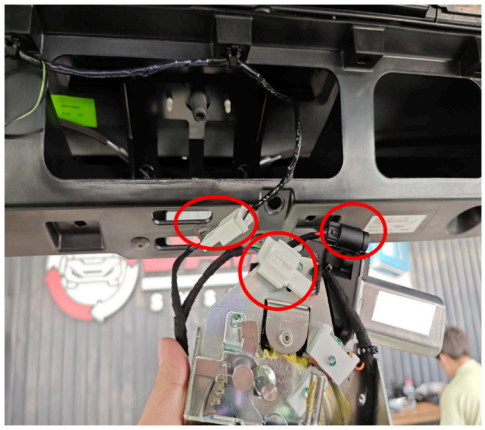
14 Insert the lock signal harness terminals into the connector according to the diagram.



15 Remove the factory latch and the wire harness connected to it.



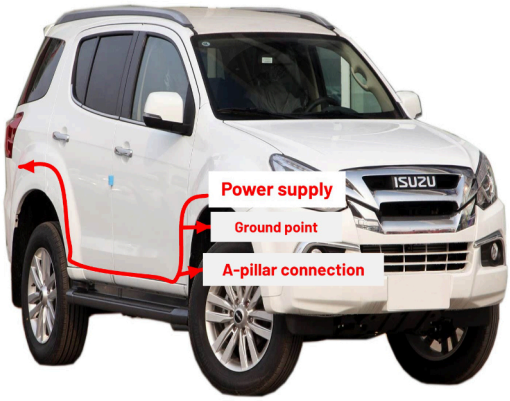
16 Connect the connectors of the lock signal harness to the original tailgate switch.



17 Connect the connectors of the lock signal harness to the factory tailgate switch.



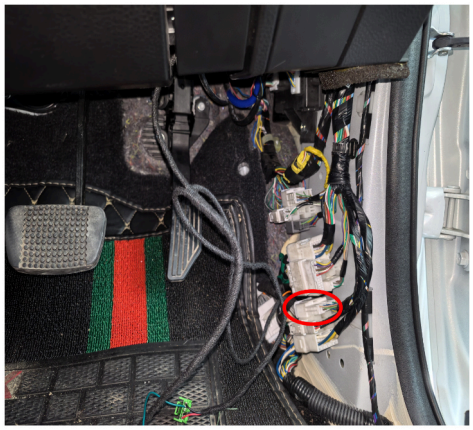
18 Install the power latch with original screws.



19 Install the power latch with the factory screws.



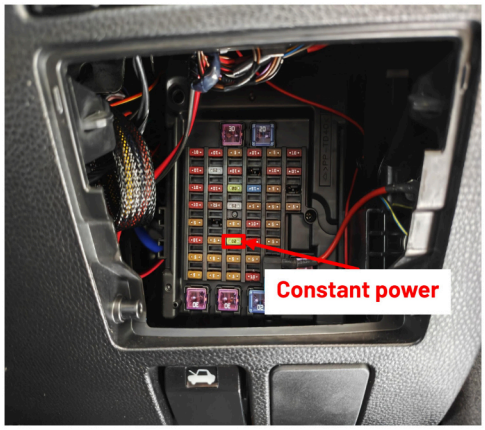
20 Route the power harness to the left of the boot.



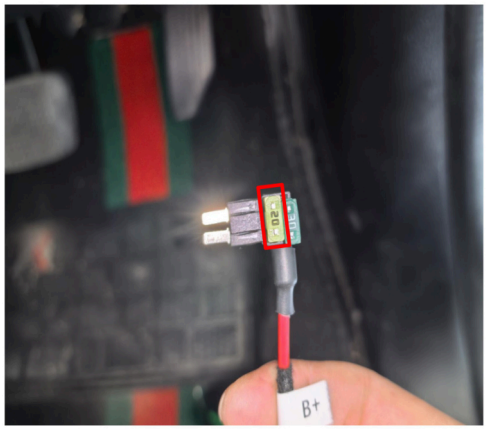
21 Connect the A-pillar connectors to the indicated connector.



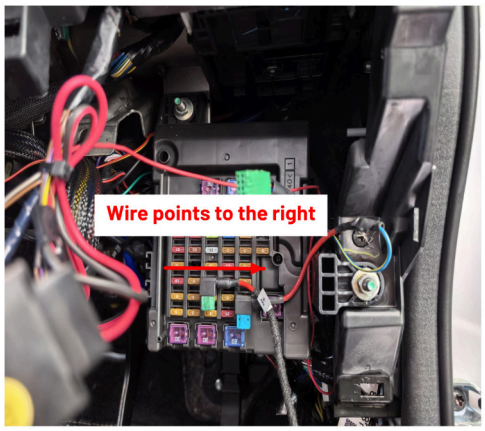
22 Secure the ground wire connector to the factory grounding point on the right side of the driver's seat.



23 The fuse slot for the power supply is indicated above.



24 Move the fuse from the fuse box to the fuse tap.



25 Plug the fuse tap into the fuse box, taking care to observe the correct wire direction.



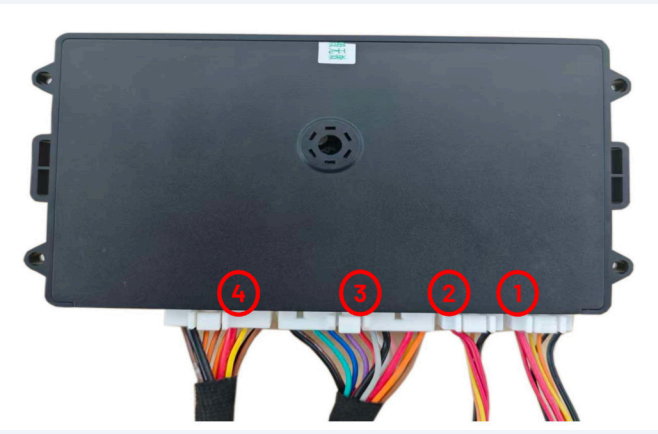
26 Connect the power harness connectors to the indicated connector and the front switch.



27 Install the front switch.



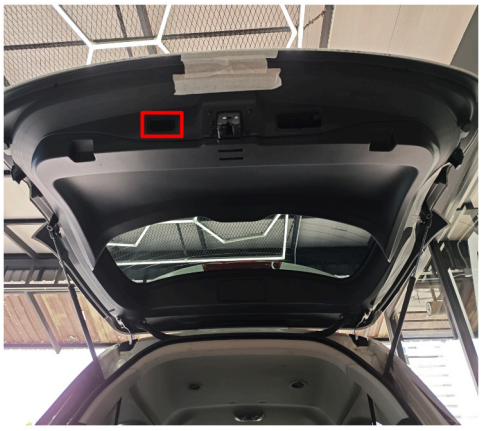
28 Secure the tailgate ECU at the indicated position.



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



30 Press the new tailgate switch to close the tailgate once. System initialisation is now complete. Test each function of the electric tailgate.



31 Remove the indicated factory panel from the tailgate.



32 Install the new tailgate switch and reinstall all trim panels.

System Initialisation

1. Press the newly installed tailgate switch to close the tailgate automatically.
2. Press the exterior tailgate switch to open the tailgate; 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 exterior tailgate switch to open the tailgate.
   - Press the newly installed tailgate switch to close the tailgate automatically.
   - Press and hold the front switch for 3 seconds to open the tailgate, or press briefly to close it.
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 Setting the Maximum Opening Height

Press and hold the switch button on the tailgate. Release it after hearing one long beep - the height has been successfully memorised.

Tip: During tailgate operation, pause it, then manually push the tailgate up to the desired height.

2 Adjusting Closing Speed

Press and hold the switch button on the tailgate. Release it after hearing two short beeps - the closing speed-up function has taken effect.

There are five speed levels. Repeat this process to increase the level by one.

3 Adjusting Opening Speed

Press and hold the switch button on the tailgate. Release it after hearing three short beeps - the opening speed-up function has taken effect.

There are five speed levels. Repeat this process to increase the level by one.

4 Adjusting Braking Force

Press and hold the switch button on the tailgate. Release it after hearing one long beep and one short beep - the braking force has been increased.

There are five levels. Repeat this process to increase the level by one.

5 Switch Reminder Sound Toggle

Press and hold the switch button on the tailgate. Release it after hearing one long beep and two short beeps - the switch reminder sound toggle has taken effect. (Default is silent. Repeat the setting to cycle through the options.)

6 Entering the Voice Wake-Up Word and Command Word Modification Menu

Press and hold the switch button on the tailgate. Release it after hearing one long beep and three short beeps - the voice wake word and command word modification menu entered.

7 Voice Switch Power-Off Toggle Between 72 Hours and 0.5 Hours

Press and hold the switch button on the tailgate. Release it after hearing two long beeps and one short beep - the voice switch power-off toggle between 72 hours and 0.5 hours has taken effect.

8 Voice Switch On and Off

Press and hold the switch button on the tailgate. Release it after hearing two long beeps and two short beeps - the voice switch ON/OFF toggle has taken effect. (Default is ON. Repeat this step to cycle through the options.)

9 Kick Sensor On and Off

Press and hold the switch button on the tailgate. Release it after hearing two long beeps and three short beeps - the kick sensor ON/OFF toggle has taken effect. (Default is ON. Repeat the setting to cycle through the options.)

10 Remote Key Activation (Double-Press vs. Triple-Press)

Press and hold the switch button on the tailgate. Release the switch after hearing three long beeps and one short beep - the toggle between double and triple tapping has taken effect. (Default is triple tapping. Repeat this step to cycle through the options.)

11 Tap Sensor On and Off

Press and hold the switch button on the tailgate. Release the switch after hearing three long beeps and two short beeps - the tap sensor ON/OFF toggle has taken effect. (Default is ON. Repeat this step to cycle through the options.)

12 Toggle Between 2-Press and 3-Press of the Remote Key Unlock Button

Press and hold the switch button on the tailgate. Release the switch after hearing three long beeps and three short beeps - the toggle between 2-press and 3-press has taken effect. (Default is 3-press. Repeat this step to cycle through the options.)

13 Remote Key Unlock Button Sensitivity (Quick/Slow Press)

Press and hold the switch button on the tailgate. Release the switch after hearing four long beeps and one short beep - the toggle between quick press and slow press has taken effect. (Default is quick press. Repeat this step to cycle through the options.)

14 Factory Reset

Press and hold the switch button on the tailgate. Release the switch after hearing five long beeps. The factory reset has taken effect.

Buzzer Sound Indicators

One Beep: The tailgate immediately opens, closes, or pauses upon receiving a signal.

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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