PLUG + PLAY
USER GUIDE

25-09-2025

elecbrakes

Works with Apple CarPlay

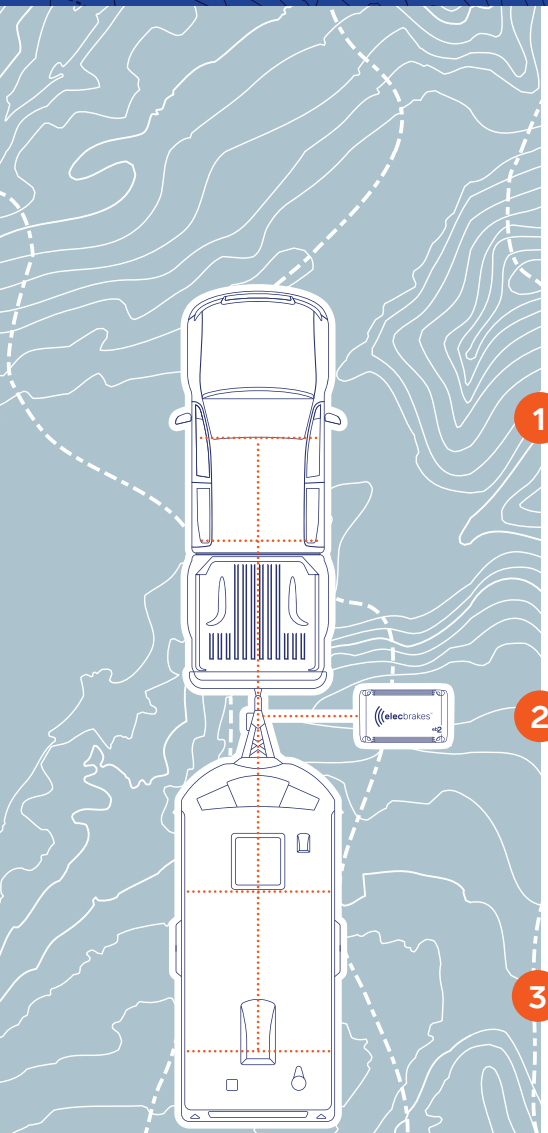
Works with Android Auto

AUSTRALIAN MADE AND OWNED

CONTENTS

ABOUT BRAKE CONTROLLERS

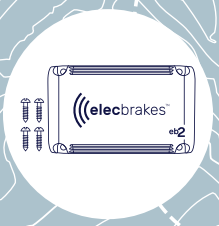
In Australia, trailer braking system requirements for road-going vehicles are defined under ADR 38/05. Elecbrakes EB2 brake controllers can be used to provide control for electric and electric-over-hydraulic trailer braking systems for all trailers up to 4500kg ATM, when installed as per the installation requirements set out in the Technical Manual



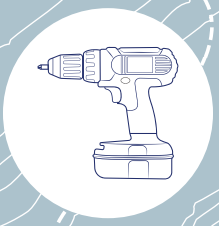
HOW IT WORKS:

1. Push the brake pedal in the vehicle or use the manual override.
2. The Elecbrakes EB2 brake controller is activated by the brake light voltage. It measures the braking force and applies it to the trailer.
3. The trailer will brake at the proportional rate provided by the brake controller.

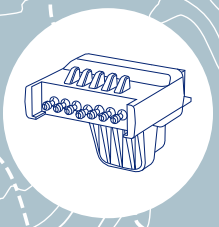
WHAT YOU'LL NEED



- Elecbrakes EB2
- x4 Mounting Screws (included)



- Drill
- 4.5mm drill bit
- PH3 driver bit



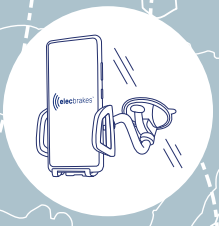
- Plug + Play Adaptor (sold separately)

  Ensure you select the correct adaptor for your installation

  Select the right adaptor for your setup here

- A smartphone device

  Your phone must be either:
  Apple IOS 15 or later
  Android 10 or later



- Car Phone Mount (sold separately)

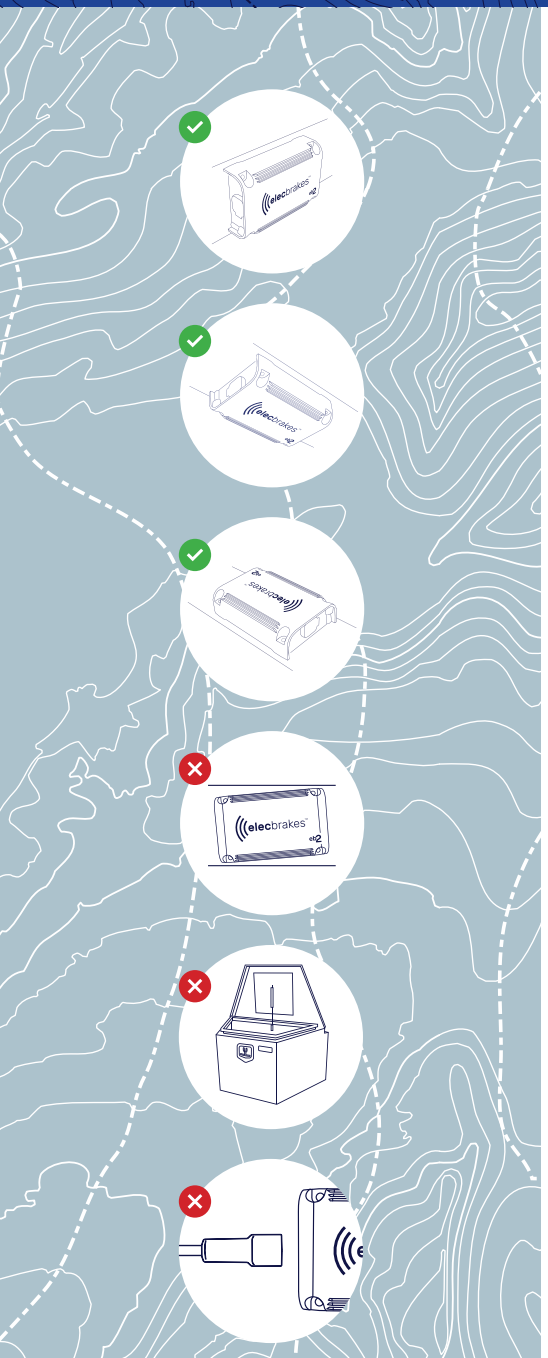
OPTIONAL:

You will need a smartphone for the initial setup of your EB2. After that, if you'd prefer not use the mobile app, you can control your EB2 with our optional remote (sold separately).

For more information on how to use the remote, refer to our Remote User Manual.

MOUNTING ORIENTATION

When mounting your EB2 to your trailer, ensure one of the sides or faces of the unit is mounted parallel to the ground. See examples of the installation options below.



OPTION 1:
Side of the drawbar.

OPTION 2:
Under the drawbar.

OPTION 3:
Top of the drawbar.

ANGLE:
Do not mount the EB2 on an incline.

CONNECTIVITY:
For best connectivity avoid installing behind large metal objects that block line of sight to the tow vehicle. Example: Tool Box.

CABLE:
When selecting a mounting point ensure your cable can reach the EB2 location prior to drilling mounting holes.

HOW TO INSTALL

1 Fasten the EB2 to the drawbar using the mounting screws provided. For optimal SwayControl performance, mount your Elecbrakes EB2 within 1m of the tow ball.

2 Connect your EB2 and Plug + Play adaptor using the supplied 1.2m lead.

3 Plug in the Plug + Play adaptor to the trailer plug.

4 Plug in the Plug + Play adaptor to your tow vehicle's socket.

TAP + TOW

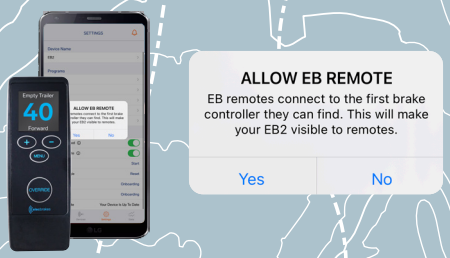
Our Tap + Tow technology leverages the power of NFC (Near Field Communication) that is embedded in most modern smartphones allowing for seamless device pairing, access to EB2 diagnostics and providing advanced troubleshooting capabilities, all in the palm of your hand.

1. Use our Tap + Tow technology to download the app. Simply tap your phone to the Elecbrakes logo on your EB2 and download the app from the App Store or Play Store.

2. Our in-app onboarding will guide you through the connection process.

You can pair via tap + tow or search manually.

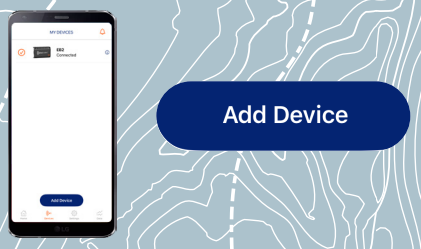
IMPORTANT:
When using a mobile phone ensure that it is mounted securely in a cradle.



IF USING THE ELECBRAKES REMOTE:

To connect the Elecbrakes remote, you must first download the Elecbrakes app. During onboarding, you'll be prompted to enable the EB remote, or you can do this anytime under the 'Settings' tab by tapping "Allow EB Remote".

For more information on how to use the remote, refer to our Remote User Manual.



TAP+TOW NOT WORKING?

If NFC is not enabled on your smartphone, then the Tap + Tow pairing will not work. Try looking in your phones settings to turn on NFC or alternatively search for the device on the app manually.

BEFORE YOU DRIVE

The EB2 requires a constant power source in order to operate. If you're device is not being powered via an Auxiliary feed you will need to turn your headlights on to activate the taillight circuit. Please note some vehicles have daytime running lights that do not activate the taillight circuit.

1. Start your vehicle and turn your headlights on.

Note: If you are using an auxiliary feed you will not need to turn your headlights on.

2. Navigate to the home page on the Elecbrakes App.

Note: The blue inactive override icon indicates that the EB2 is connected and ready to tow.

3. Put your foot on the brake pedal.

4. Check that the central icon is indicating a brake response.

Note: If the home screen's central icon is red, this indicates the brakes are active. This can happen due to a sway event, the driver braking, or using manual override.

FORWARD DIRECTION

IMPORTANT

If this is the first time the Elecbrakes EB2 is being used, or you have moved the brake controller's location, you will need to follow the steps below to calibrate or re-calibrate the forward direction.

During this calibration the Elecbrakes EB2 will brake at default settings.

1

Go for a short drive and apply the brakes several times in order to set the forward direction. You will receive a notification in the app once the forward direction has been set. This will typically happen after 1-3 braking events.

Note: Don't worry, the forward direction is refined during driving, so it is normal for it to change slightly after the initial setting. It will continue to refine while you drive and become more accurate over time.

2

The installation angle is visible on the "data" page, under "accelerometer".

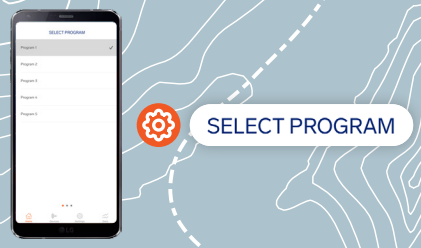
TROUBLESHOOTING:

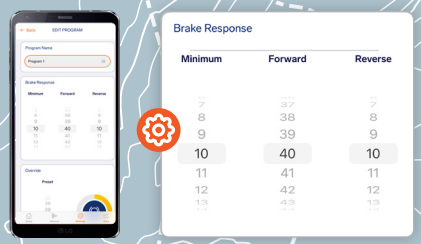
If the angle does not appear in the app, repeat step 1 & 2.

4.2

ADJUSTING YOUR BRAKES

Once you have confirmed that the installation angle is set, you can adjust your brake response settings. The EB2 will be set at a default response that will need to be tailored to your towing setup. You can configure different programs, to suit your scenario.





Your EB2 comes with default brake settings. We recommend adjusting your brake response to your specific requirements. To adjust the **minimum**, **forward, reverse** and **manual override** response, tap *'Settings'* on the app.

MINIMUM RESPONSE

To set the minimum response: Drive slowly, approximately 20km/h, and apply the brakes as lightly as you can. Adjust the minimum up or down until you can just barely feel that the trailer is braking. Experiment with small changes until you are happy with the feel.

FORWARD RESPONSE

To set the forward response: Be sure to first adjust the minimum to a satisfactory setting. Then, while braking normally and over a variety of conditions, adjust the forward response up or down until braking feels smooth and the trailer and tow vehicle are braking as one.

REVERSE RESPONSE

To set the reverse response: Reverse slowly and apply the brakes. Experiment with small changes until you are happy with the feel of the reverse brake response.

MANUAL OVERRIDE RESPONSE

To set the manual override response: A good starting point is to set the override preset value equal to the forward response value and adjust from there, according to preference.

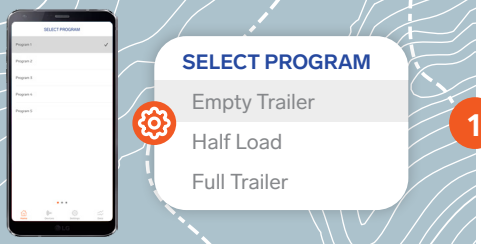
4.4

MANAGING PROGRAMS

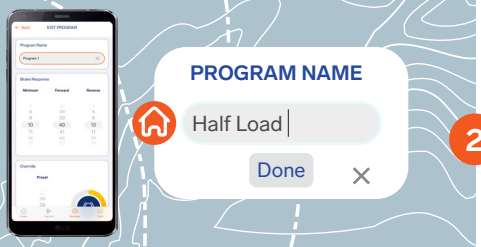
HOW TO ADJUST YOUR PROGRAMS:

You can set up to 5 user defined programs.
These programs are useful for several reasons:

- Variation in the weight of the trailer
- A change in environment
- Individual user preferences

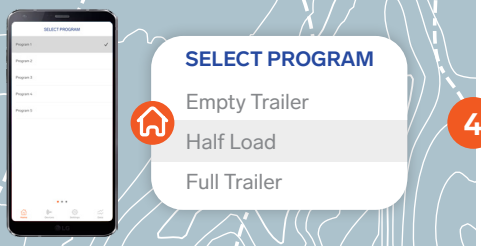


1. You must be connected to the brake controller to select and configure programs. Navigate to the '*Settings*' page and select the program you wish to edit.



2. You will then be able to name the program and adjust your brake responses as outlined on **Page 8.** Any changes will automatically save to the EB2.

3. Tap '*Home*'. The edited program is now your active program. The program selected appears at the top of the page.



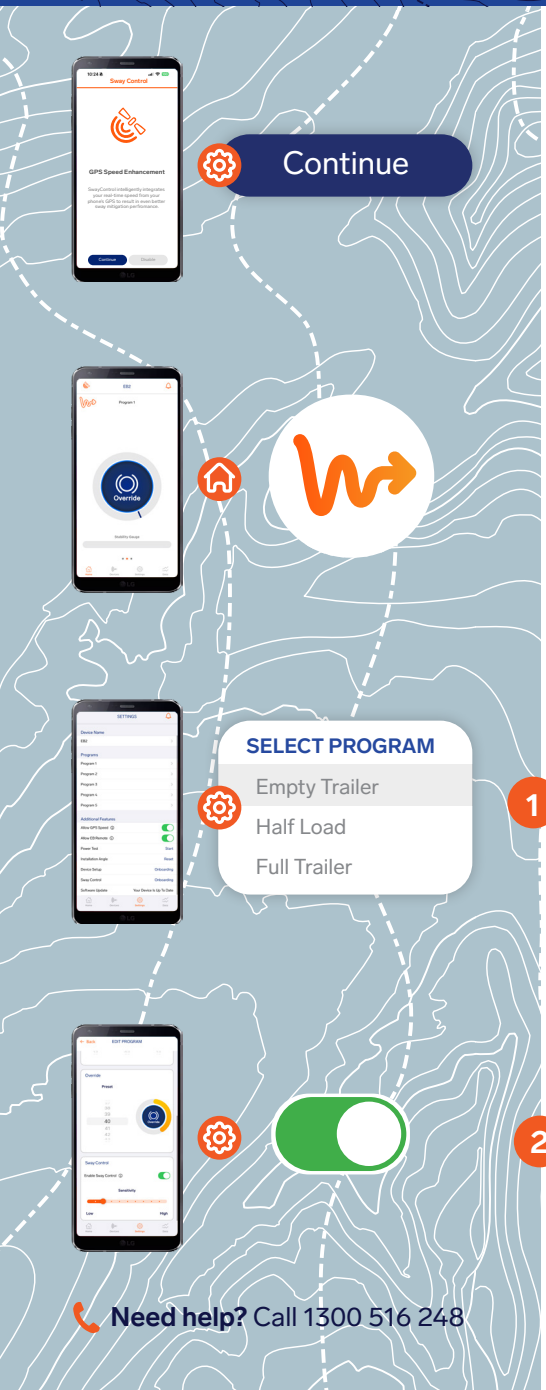
4. To change the program selected, swipe to the right and select your preferred program.

SWAYCONTROL SETTINGS

WHAT IS SWAYCONTROL?

Elecbrakes SwayControl is built in to your EB2 and provides you with a seamless, integrated towing safety solution.

This smart, single system constantly monitors your towing dynamics to give you the precise response you need. We provide you with the ability to tune SwayControl to suit your trailer setup perfectly, and to disable it if required - so you can use it with any vehicle and trailer combination.



ENABLING GPS:

Elecbrakes SwayControl can leverage GPS data from your actively connected smartphone to make SwayControl even better - if you enable this function during SwayControl onboarding or via the “Settings” tab.

SwayControl uses GPS data from your connected smart device to disarm SwayControl when you are driving slowly.

TURNING SWAYCONTROL ON/OFF ON THE HOMEPAGE:

For some usage scenario’s, such as extreme offroading, and for some trailers - such as unladen plant or equipment trailers, car carriers, or empty boat trailers - you may find SwayControl is overactive or unhelpful. You can turn SwayControl ON or OFF via the homepage by pressing and holding the SwayControl icon. This can also be done in the program settings page for each user program.

TURNING SWAYCONTROL ON/OFF FOR EACH PROGRAM:

1. Go to the settings page on your app and select your program.
2. Scroll down to the SwayControl section and press the toggle to allow SwayControl for that program.

5.2

SENSITIVITY LEVEL AND TRAILER STABILITY GAUGE

ADJUSTING THE SENSITIVITY LEVEL:

The SwayControl sensitivity setting allows you to adjust how responsive the system is to detecting sway. You can manage SwayControl sensitivity by tapping the orange SwayControl icon and adjusting the slider between low and high.

If you find that SwayControl is overactive, check that the installation location of the brake controller is in line with the recommendations - i.e. within 1m of the towball.

TRAILER STABILITY GAUGE:

The trailer stability gauge visually represents the trailer's stability. It widens as more instability is detected. If you frequently observe instability driving, consider reducing your speed or reviewing your trailer setup for safety.

5.3

USING MANUAL OVERRIDE

The manual override function allows you to manually engage the brakes on your trailer, without activating the vehicles brakes. The application of manual override can be used to manually mitigate trailer sway.

HOW TO USE:

1. Tap the central icon on the home page to activate the manual override.
2. Tap and hold the central icon to increase braking force if required.
3. Tap the central icon again to deactivate manual override.

IMPORTANT

Manual Override should only be used for stationary testing purposes, or to manually mitigate trailer sway. NEVER use manual override to slow the vehicle and trailer during normal operation - risk of brakes overheating and brake failure applies if using Manual Override excessively.

elecbrakes™

NEED HELP?

Call our customer service team on
1300 516 248

or check out our FAQ page online
elecbrakes.com/FAQ

Works with Apple CarPlay

Works with Android Auto