vm1

# QUICK
## INSTALL GUIDE
### V1-03-06-2025

elecbrakes™
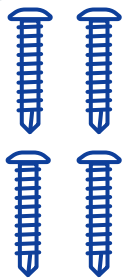
AUSTRALIAN MADE
AND OWNED

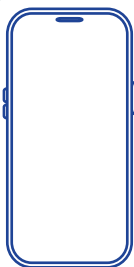# CONTENTS

# WHAT YOU'LL NEED

- VM1 Brake Controller
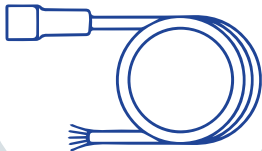
- 1.5M Leader (included in box)

- X4 Self Tapping Screws (included in box)
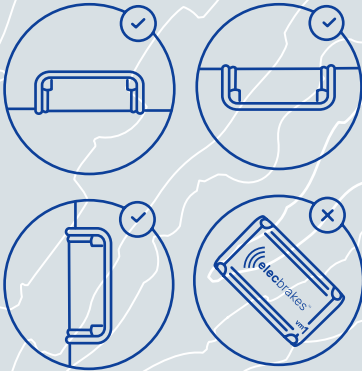
- Smart Phone

**⚠ OPTIONAL:**
*If you would prefer not to use the mobile app to control your VM1, you can use our optional remote. Sold separately.*
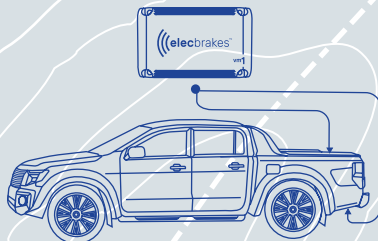
*For more information on how to use the remote, refer to our Remote User Manual.*

# MOUNTING LOCATIONS

## MOUNTING ORIENTATIONS



**VM1 must be mounted with one face parallel to ground**



## MOUNTING LOCATION

**Choose a suitable location for mounting the VM1:**

- Luggage compartment.

- Rear quarter panel.

- Ute tray or vehicle underbody.

Ensure the brake controller is mounted securely, within reach of the wiring harness and is out of harms way.

## VEHICLE REQUIREMENTS

⚡ +12V (25A) DC voltage source

⚡ +24V (12A) DC voltage source

OR

⏚ DC negative (earth) point
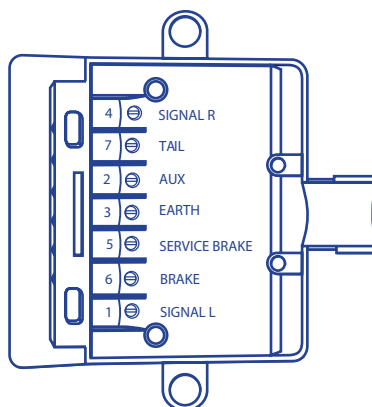
◎ Brake light voltage (12-24V DC)

# INSTALL GUIDE

## CONNECTIONS/WIRING GUIDE

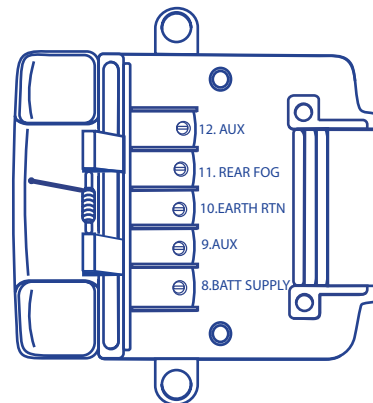| | |
|---|---|
| **BLACK** | DC Voltage Supply |
| **RED** | Brake Light Voltage Supply |
| **BROWN** | Not Used |
| **WHITE** | DC Negative Earth |
| **BLUE** | Service Brake Output |

## CONNECTIONS/WIRING

**1** Wire in the exposed end of the leader into the vehicle's existing trailer socket using the CONNECTIONS / WIRING guide to the left.

**2** Unscrew the top / bottom covers of your vehicle's trailer socket to expose the wiring.

**3** Match the colours of the wired leader (supplied) to the requisite positions on the trailer plug.

**4** Use the pin-outs below to aid in the wiring process.

**5** Fasten the covers back onto the vehicles socket.

### 7-PIN

| | |
|---|---|
| 4 | SIGNAL R |
| 7 | TAIL |
| 2 | AUX |
| 3 | EARTH |
| 5 | SERVICE BRAKE |
| 6 | BRAKE |
| 1 | SIGNAL L |

### 12-PIN

12. AUX
11. REAR FOG
10. EARTH RTN
9. AUX
8. BATT SUPPLY

# PAIRING THE UNIT

**POWER UP TEST**

**1** Download the Elecbrakes app.

**2** Connect to your VM1.

**3** Confirm app displays red circle when braking.

**4** Follow the onboarding prompts in the Elecbrakes app for a complete installation guide, unit calibration, and adjustment of brake controller settings.

**Download The App**

GET IT ON Google Play  |  Download on the App Store

You must use the Elecbrakes app on your smartphone for the initial connection and setup of your brake controller.

**Minimum requirements**

· iOS 15 or later
· Android 10 or later

# FULL VM1 TECHNICAL MANUAL
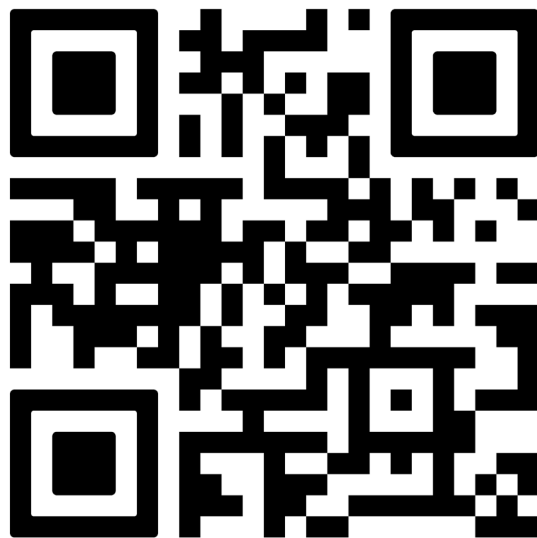
**1**

**FULL TECHNICAL MANUAL**
For the complete version of the technical manual and user guide.



**2**

**VM1 INSTALL VIDEO**
Watch our video on how to install the VM1 brake controller.

((( **elec**brakes ™

# NEED HELP?

Call our customer service team on
**1300 516 248**

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