



Portable Electric Brake Wiring Loom

Requires a suitable trailer adaptor for operation.

⚠WARNING

ENSURE THAT YOUR TRAILER BRAKES ARE INSTALLED AND OPERATING CORRECTLY. IMPROPERLY INSTALLED OR FAULTY TRAILER BRAKES CAN CAUSE ERRATIC VEHICLE OR TRAILER BEHAVIOUR WITH POTENTIAL TO CAUSE A ROAD ACCIDENT. ALWAYS CHECK BRAKES AT LOW SPEED EACH TIME A TRAILER IS CONNECTED TO YOUR VEHICLE.

THIS WIRING LOOM OPERATES FROM A 12V CIGARETTE LIGHTER SOCKET & IS LIMITED TO BRAKING EITHER A SINGLE AXLE OR TANDEM AXLE TRAILER ONLY. IT IS NOT SUITABLE TO OPERATE BRAKES ON A TRIPLE AXLE TRAILER.

⚠CAUTION

1. Ensure that your electric brake controller is mounted in a secure fixed location as per the manufactures instructions provided. Failure to mount securely will result in inaccurate braking force measurements and incorrect braking of the trailer.
2. If towing a tandem axle trailer it is recommended that you use a 12v 15amp cigarette socket as your power source if 100% braking force is required. If a 15amp power source is not available you can operate the unit from a 10amp socket under limitations as noted in *diagram a*.
This is to prevent the possibility of the vehicles cigarette lighter socket fuse blowing upon 100% braking force being applied if the unit is set too high while being powered from a 10amp socket.
3. It is recommended that while using this wiring loom you do not operate or charge any other devices from another power source in your vehicle unless that power source is isolated from the cigarette lighter socket which is providing power to your brake unit.

Fitting

1. Ensure you brake unit is securely mounted as suggested by the manufacture.
2. Connect a compatible trailer adapter to the vehicle & also connect to the trailer. (*diagram c*)
3. Connect the 4 wire plug to the back of the brake unit.
4. Connect the cigarette power plug to the vehicles 12v socket.
5. Run the 5m length of cable with the 2 pin connector from the brake unit to the rear of the vehicle feeding the cable through a safe path.
6. Drop the lead out of the boot lid and connect the 2 pin connector plug to the trailer adapter. (*diagram b*) **Caution, Do not pinch or damage the cable during this process.**
7. Refer to OEM operation manual for correct operating instructions of the brake unit.

This product is supplied to allow ease of fitment in vehicles that require a non-permanent installation.

All mounting orientation and operational requirements in the Brake Controller manufacturers product manual still apply, and must be followed to ensure safe operation.

Road rules relating to towing vary between Australian State jurisdictions. It is advisable to check the trailer brake requirements in your state to ensure that you are fully compliant with local regulations.

diagram A

MAX ALLOWABLE POWER SETTING		
Cig Lighter Socket Rating	Single Axle	Tandem Axle
15A / 180w	MAX	MAX
10A / 120w	MAX	80%

diagram B

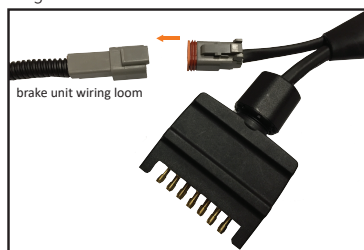


diagram C

