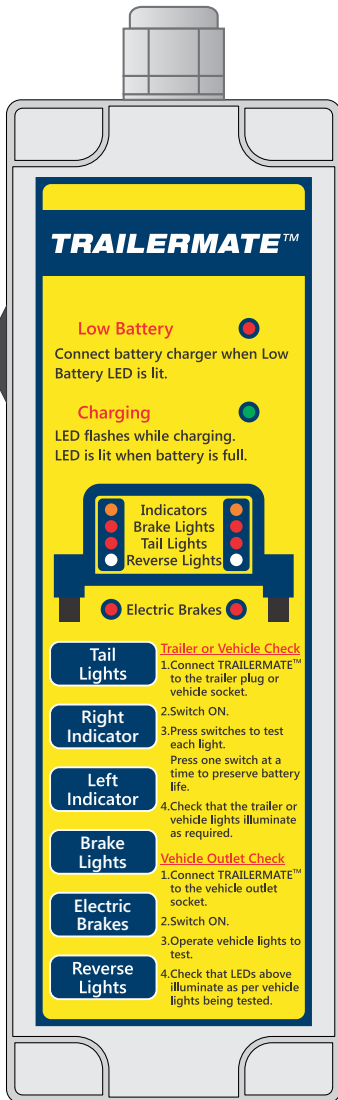


TRAILERMATE™

Are your trailer lights working?



www.trailermate.net.au

Instruction Manual

Congratulations on your **TRAILERMATE** purchase. Thank you for choosing this innovative, Australian-Made product. When used correctly, your **TRAILERMATE** will give you many years of reliable service. Please read these instructions carefully before using your **TRAILERMATE** for the first time, and keep in a safe place for future reference.

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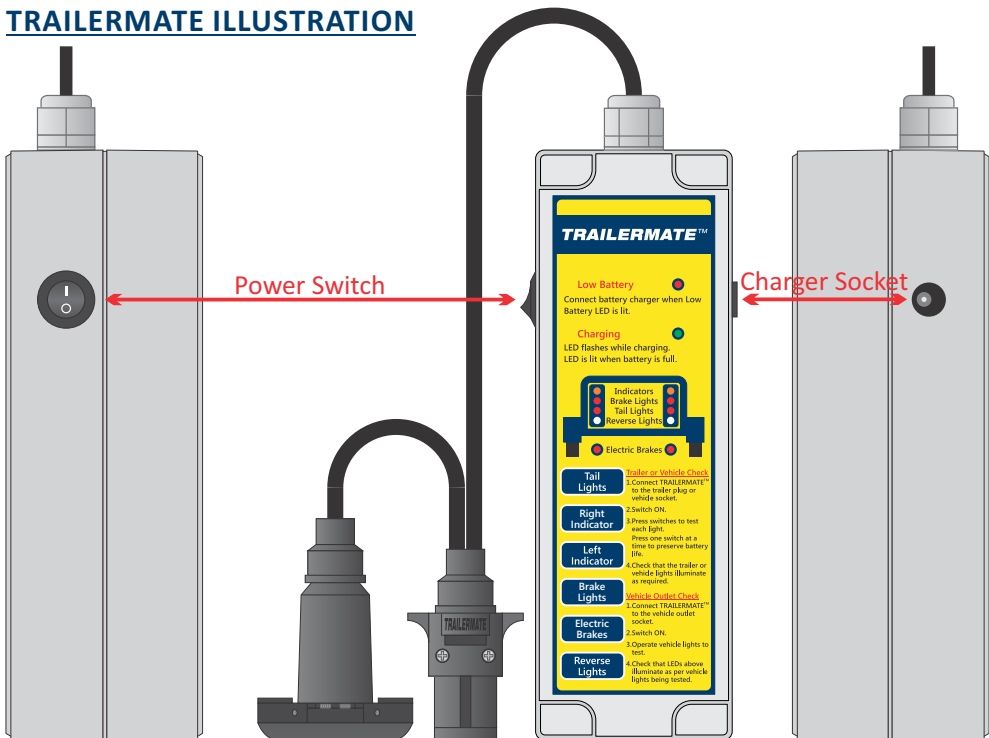
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TRAILERMATE ILLUSTRATION



Test Socket Test Plug

UNPACKING INFORMATION

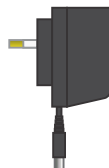
Please ensure that you received each of the following accessories with your **TRAILERMATE**:



TRAILERMATE with
10m cable, socket & plug *



Instruction
Manual



Battery Charger,
15V 1000mA



5m Extension Cable
(Optional)

* Standard socket and plug are 7 pin round. 7 Pin flat socket and plug available on request.

TRAILERMATE SWITCHES & LED FUNCTIONS

Tail Lights Press the Tail Lights switch to test trailer and/or vehicle Tail Lights. Both LEDs will turn on. Check that your trailer and/or vehicle Tail Lights light up accordingly. For the In-Car Test, the Tail Lights LEDs will light up when the vehicle's lights are switched on.

Right Indicator Press the Right Indicator switch to test trailer and/or vehicle Right Indicator. The Right Indicator LED will turn on. Check that your trailer and/or vehicle Right Indicator lights up accordingly. For the In-Car Test, the Right Indicator LED will light up when the vehicle's right indicator is switched on.

Left Indicator Press the Left Indicator switch to test trailer and/or vehicle Left Indicator. The Left Indicator LED will turn on. Check that your trailer and/or vehicle Left Indicator lights up accordingly. For the In-Car Test, the Left Indicator LED will light up when the vehicle's left indicator is switched on.

Brake Lights Press the Brake Lights switch to test trailer and/or vehicle Brake Lights. Both LEDs will turn on. Check that your trailer and/or vehicle Brake Lights light up accordingly. For the In-Car Test, the Brake Lights LEDs will light up when you step on the vehicle's brake pedal.

Electric Brakes Press the Electric Brake switch to test the connection to the electric trailer brakes. Both Electric Brakes LEDs will turn on. Listen for the sound of the brakes engaging and disengaging. For the In-Car Test, the Brake Lights LEDs will light up when you step on the vehicle's brake pedal.

Reverse Lights Press the Reverse Lights switch to test trailer and/or vehicle Reverse Lights. Both LEDs will turn on. Check that your trailer and/or vehicle Reverse Lights light up accordingly. For the In-Car Test, the Reverse Lights LEDs will light up when the vehicle is placed into reverse gear.

(Applicable only if the trailer has reverse lights fitted, and/or if the vehicle outlet has the reverse lights connected.)

Charging LED Charging LED flashes while **TRAILERMATE** battery is being charged. The flashing becomes more rapid when the battery is almost fully charged.

Charging LED is lit (without flashing) when **TRAILERMATE** charger is connected, and battery is fully charged.

Charging LED is lit when unit is switched ON, even when charge is disconnected.

Low Battery LED When the Low Battery LED is lit, the battery is very low and should be charged immediately. Do not continue using the **TRAILERMATE** for testing.

TRAILERMATE TEST INSTRUCTIONS

TRAILERMATE can be used for three different tests :

1. Test trailer lights and electric brakes from the **TRAILERMATE**.
2. Test vehicle outlet connector and tail lights from the **TRAILERMATE**.
3. In-Car Test, to check vehicle outlet connector from inside the vehicle.

Important: When the **TRAILERMATE** is first switched on all the LEDs should light up for 3 seconds, which indicates that the unit is in good working order and ready for testing. If the **Low Battery** LED turns on after the initial 3 seconds, it means the battery needs to be charged before testing. If any of the 8 LEDs do not light up, the **TRAILERMATE** may be faulty. Please contact us for further assistance.

Note: Many vehicle outlet sockets and trailer light harnesses are not fitted with separate reverse lights. If the Reverse Lights test fails, check whether this is actually fitted to the vehicle outlet or trailer light cluster before deciding that there is a fault.

1. Test Trailer Lights from the TRAILERMATE

1. Connect the trailer light connector to the Test Socket of the **TRAILERMATE**.
2. Switch the **TRAILERMATE** ON.
3. Stand behind the trailer with the **TRAILERMATE** and press each of the switches to test each light. Press one switch at a time to preserve battery life.

The 10 metre cable should be enough for most trailers, but a 5 metre extension lead is optionally available.



2. Test Vehicle Outlet Connector and Tail Lights from the TRAILERMATE

1. Connect the **TRAILERMATE** Test Plug to the vehicle's trailer light outlet socket.
2. Switch the **TRAILERMATE** ON.
3. Stand behind the vehicle with the **TRAILERMATE** and press each of the switches to test each light. Press one switch at a time to preserve battery life.

This test does not work on some models of newer cars due to the manufacturer's wiring but **TRAILERMATE** will still do the In-Car Test below.

The **TRAILERMATE** can be connected to both the trailer and the vehicle at the same time, however the brightness of all the lights will be reduced. Some high wattage tests, such as brake lights, may cause the fuse inside the **TRAILERMATE** to blow. This fuse automatically resets after approximately 20 seconds.

If the lights worked correctly, do not repeat the test if the fuse blows to prevent damage to the unit.



3. In-Car Test of Vehicle Outlet Connector

1. Connect the **TRAILERMATE** Test Plug to the vehicle's trailer light outlet socket.
2. Climb into the driver's seat of the vehicle and switch the **TRAILERMATE** ON.
3. Activate each of the Tail Lights, Right and Left Indicators, Brake Lights (which also activates Electric Brake LEDs) and Reverse Lights.

The corresponding LEDs on the **TRAILERMATE** will light up as each vehicle light is switched on.

All lights can be operated at the same time if desired.



BATTERY CHARGING

- When the **Low Battery** LED is lit, charge the unit before doing any further testing. A full charge will take 12 hours once the **Low Battery** LED is lit.
- To charge the battery, plug the Battery Charger into the Charger Socket, and switch the power outlet on. Switch the **TRAILERMATE** ON during charging, so that the **Charging** LED will indicate the battery charging progress.
- The **Charging** LED will flash while the **TRAILERMATE** is charging the battery.
- The **Charging** LED will stay lit (not flashing) when the battery is full.
- The **Charging** LED will stay lit whenever the **TRAILERMATE** is switched on, even when the charger is unplugged.
- Always switch the **TRAILERMATE** OFF after use, to avoid draining the battery.
- Use only a genuine **TRAILERMATE** charger to avoid damage to the **TRAILERMATE** unit. This type of damage is not covered by the warranty.
- Note that **TRAILERMATE** will continue to charge the battery even when it is switched off, so please disconnect the battery charger once the battery is full.

BATTERY REPLACEMENT

The high quality rechargeable battery in your **TRAILERMATE** will last several years with normal operation. If the unit's battery starts to age and not provide enough testing time between charging, we recommend that the **TRAILERMATE** be returned to your distributor or the factory to replace the battery. Battery replacement involves disassembling much of the unit internally, and should not be attempted by unqualified persons.

Owners who have experience with electronics, or if you know a suitably qualified technician, a new battery can be purchased for the battery replacement. This battery will be supplied with complete instructions on the replacement procedure.

The battery should only be replaced with a genuine **TRAILERMATE** battery, which is the correct capacity and size to fit the **TRAILERMATE** enclosure. Damage resulting from the use of a non-genuine battery is not covered by the warranty.

WARRANTY

Electro Connect (AUST) Pty Ltd guarantees the **TRAILERMATE** and accessories to be free from defects in material and workmanship when subjected to normal use and service. This guarantee is limited to the repair of a faulty device returned to Electro Connect, or Authorised Service Agent, freight prepaid, within one (1) year from the date of delivery, and to the repairing, or replacing of parts which upon inspection are found to be defective.

There are no expressed or implied warranties which extend beyond the face hereof, and Electro Connect is not liable for any incidental or consequential damages arising from the use or misuse of this product. This limited warranty does not apply to any injury, loss, damage, defect or malfunction of the product or failure to function resulting from any failure to operate the product in accordance with the directions contained in the operating instructions, failure to function resulting from any accidents, acts of God, tampering, abuse, acts, omissions, or negligence by anyone other than Electro Connect, including but not limited to such damage or injuries resulting from improper operation.

This limited warranty shall apply only to the customer as an original purchaser. Shipping damage is not covered by this warranty.

No claims will be recognised without the proof of purchase. This warranty becomes invalid if unauthorised person or persons attempt modifications or repairs.

CONTACT INFORMATION

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