

IMPORTANT: PLEASE HAND THIS LEAFLET TO OWNER

The Camec Remote Battery Monitor is required to be installed in the tow vehicle in a position that is visible to the driver whilst driving when towing a trailer with a GTM of 2000kg or more which is fitted with a Camec Break Away System Part # 040119.

The Camec Break Away System has an internal Battery that is required to be in a fully energised condition so that in the unlikely event of the trailer breaking away from the tow vehicle the electric brakes are activated and maintains actuation for at least 15 minutes. Therefore it is essential that we can monitor the condition of the Internal Battery. The Camec Remote Battery Monitor delivers a Visual and Audible warning to warn the driver if the trailer battery charge falls to such a level as to render the trailer brakes incapable of activating and maintaining actuation for at least 15 minutes.

PLEASE NOTE:

The electronic circuitry in the Camec Remote Battery Monitor Part # 041764 has been designed to work specifically with the Camec Break Away System Part # 040119 only. Camec as such will not warrant the product if used in conjunction with any other Break Away System.

It is highly recommended that the Camec Remote Battery Monitor is installed by a qualified Auto Electrician only.



NSW REQUIREMENT

Trailers required to be fitted with breakaway systems are not registerable if there is no means for maintaining the breakaway energy source in a fully-energised condition. An acceptable warning circuit must incorporate either a visual or an audible warning device.

TESTING THE REMOTE MONITOR

NOTE this test should be done prior to setting off on your journey to ensure the in car Remote Battery Monitor is working correctly. Make sure your tow vehicle is connected to the car along with the wiring harness which connects the wiring between the Remote Battery Monitor and the Break Away System.

Start the tow vehicle, place your foot on the brake - if the internal battery in the Break Away System is **fully energised** a green light will illuminate under the heading **Normal**. This light will remain on whilst your foot is applied to the brake. As you travel each time you apply your brakes this light will illuminate.



If the internal battery in the Break Away System is **not fully energised** a green light will illuminate and flash under the heading **Warning Low**. This light will continue to flash whilst your foot is applied to the brake and an audible alarm will sound if the brake is still held applied approx 10 seconds later and will beep for 5 seconds. Whilst the brake is continuously applied the audible alarm will beep for 5 seconds every 20 to 30 seconds.

CHARGING

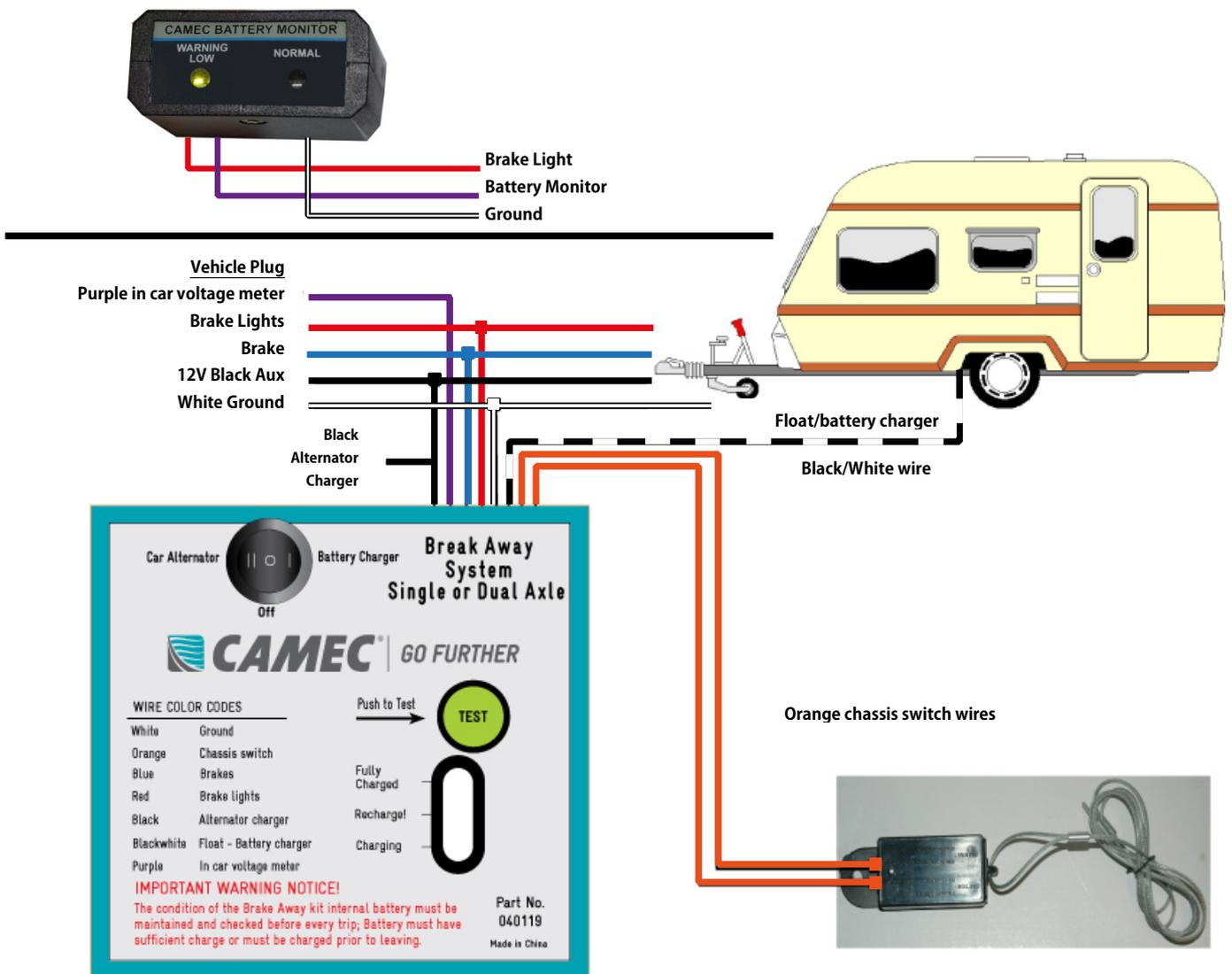
Charging of the break-away battery will not provide a false positive reading to the monitor as the CAMEC Brake Away System has been designed to provide the actual battery charge level.

Charging can be done via the tow vehicle auxiliary line (black wire from the vehicle) or by connecting the break-away black/white wire to a small battery charger (8 amps maximum), or float charger. Do not over charge the battery, if charging from car during towing limit the charging time to 5hrs by switching the charging switch to the off position.

Front terminal will light up when the break-away battery is connected to 12 volts for charging if this does not light up check the internal fuse is ok. The charging may take several hours for the battery to fully recharge. If the battery has been completely flattened, the car / alternator charging system may not be able to fully recharge the battery. Should this occur, you can switch the charging selector on the front panel to battery charger. * Do not use rapid type chargers or overcharge. If the battery does not hold its charge, you may need to replace the break-away battery.

*Note: the break-away battery Camec Part # 041767 should be replaced every 2 years regardless of its test condition. For replacement battery or information regarding the break-away, see your local dealer or contact Camec Pty Ltd.

WIRING DIAGRAM FOR REMOTE BATTERY MONITOR



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