

## LEDMaster adapter revamped for 12 & 24 volts

**New 12 and 24 volt versions. Plug-in or hard wired**  
**Perfect for trailer makers, hire fleets and the agricultural market**

Solving the problem of making LED trailer lights compatible with all vehicles has not been simple or easy but we have cracked it at last.

### Vital partnership with caravan manufacturer

Thanks to a partnership with one of the major caravan makers, we have seen the unit on a very wide range of cars and solved some unexpected problems.

### All solutions now built in

Everything we learned has now been incorporated in a new design, in a new box, with 8-core cable to accommodate reversing lights

### Adaptable for mixed LED and filament bulbs

New connectors inside the box allow mixed bulb circuits to be readily bypassed. All circuits are overload-protected.

### Hard wired version takes loom cables direct

Trailer makers building LEDMaster into their wiring looms can take the cables right into the box and directly into push-in connectors for a really professional, watertight finish.



Plug-in with long and short cables



Hard wire with direct cable input



24V: LS92408 (Plug-in type shown)

### Details *(full product details overleaf)*

LS91207-320 LEDMaster 12 volt adapter, plug-in, suitable for 7 or 13-pin plug and socket

LS91207-00 LEDMaster 12 volt adapter, for hard wiring. Connect the trailer loom cables directly into push-in connectors inside the waterproof box.

LS92408-320 and LS92408-00: 24 volt versions of the plug-in and hard wired adapters.

## Package saver: PowerTaps with fuses

**Ten PowerTap mini fuse box power pickups at a discount**

PLUS

**Ten 15 amp and ten 10 amp fuses included**

**TV1645-1PACK 10 PowerTaps & Fuses**

This offer brings the cost of the PowerTap add-a-fuse down to a really cost-effective level and the accompanying fuses not only adding value but also making sure you are never without the fuse you need.

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 and traditional CarData for older vehicles here [CarData](#)

### QUALITY SERVICE INNOVATION

# Data sheet

## LEDMaster Vehicle to LED Lamp Adapter

The LEDMaster 8-channel adapter reconciles the lamp-monitoring capabilities of vehicles with incompatible features of LED road lights. It connects inline to the cables supplying the lights.

### LEDMaster lets the vehicle “see” LED rear lights and cuts out random flashing

It can be fixed to the draw bar of a trailer (or elsewhere if appropriate) and plugged in between the socket of the towing vehicle and the LED lights of the trailer. Alternatively, it can be hard-wired directly into the trailer wiring loom.

### Conditional on flashers only

The trailer flasher circuits are monitored and, if the trailer flashers fail, the vehicle will detect the bulb failure. This is usually indicated by a doubling of the flash rate.

**PLEASE NOTE** that when the flashers are working correctly, the vehicle may give a double flash rate for about two seconds when an indicator is switched on BUT this will correct very quickly. It is caused by the time delay (a few milliseconds) between the flasher coming on and the conditional load being applied. The indicators on the trailer will, however, function correctly.

### No conditionality on other circuits.

The remaining circuits, side lights, brake lights, fog lights and reverse lights are not monitored for failure of the LED lights.

### Overload protection and filament bulbs

Each channel is overload protected with a resetting fuse. These fuses will not support filament bulbs so it is preferable to replace filament bulbs with LED ones. Alternatively, on any channels where filament bulbs are present, the connections within the LEDMaster box can be adapted so these circuits pass directly through.

### Push-in connections for simplicity

All connections, input and output cables and the ballasts, are made with push-in connectors on the printed circuit board, Plug-in models have cables ready fitted; hard wire models accept the trailer loom cables directly into the push-in connectors.

Inside view, showing the input, output and ballast connections



**QUALITY SERVICE INNOVATION**