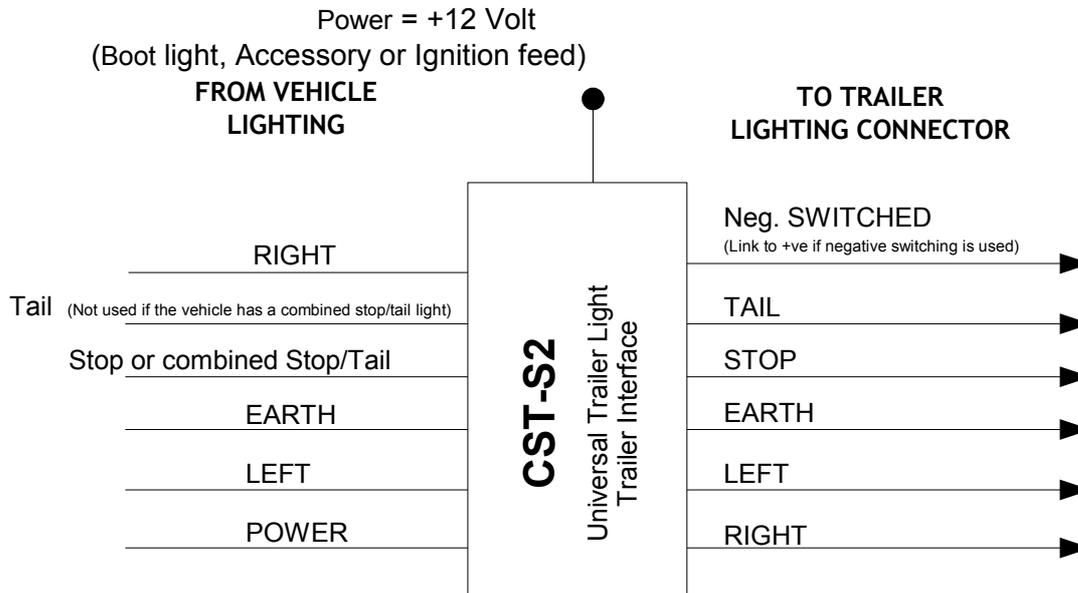


Universal Trailer Light Trailer Interface

Part No: **CST-S2**



The CST is an advanced lighting interface.

It monitors each input to filter any unwanted data signal that the vehicle may use in failed lamp detection or voltage control and supply's a full 12 volt to the trailer when appropriate.

If the vehicle has a combined stop / tail (single bulb) circuit use the "Stop or Combined Stop/Tail" input terminal. The unit then splits the signal into separate stop and tail feeds for the trailer.

The CST requires a separate power feed from the boot light feed or an ignition / auxiliary feed, and draws 8 milliamps on standby.

CST-S2 Features

Protection:

- Prevents blown vehicle fuses and damage to the Vehicle Body Control Module from a short circuit in the trailer wiring.
- Enables the vehicle lighting to continue operating if there is a short or open circuit in the trailer wiring.
- Automatically recovers from a short circuit in the trailer wiring.
- Compatible with vehicles having combined Stop / Tail lights.
- Compatible with vehicles which switch the lights to negative or positive supplies.
- Will carry a maximum load per circuit of 42 Watts.

Intelligent Monitoring:

- Many modern vehicles, especially European, monitor the state of the lighting circuits by using brief voltage pulses or low current to check the bulb filaments. These check signals cause LED trailer lamps to turn on briefly. The CST blocks these signals to the trailer lamps as well as eliminating fault codes by prohibiting the trailer lamps from being detected by the vehicle electronics.
- The CST is compatible with trailers fitted with bulbs or LED lamps.

Installation Notes

The CST is connected into the vehicle wiring harness as per the above diagram.

Caution: If the vehicle is fitted with a genuine trailer lighting kit, the CST must be connected to the vehicle lighting circuits and not the output of the genuine trailer kit. The genuine trailer kit outputs are load sensitive and will not be compatible.

Warranty Statement on reverse.

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