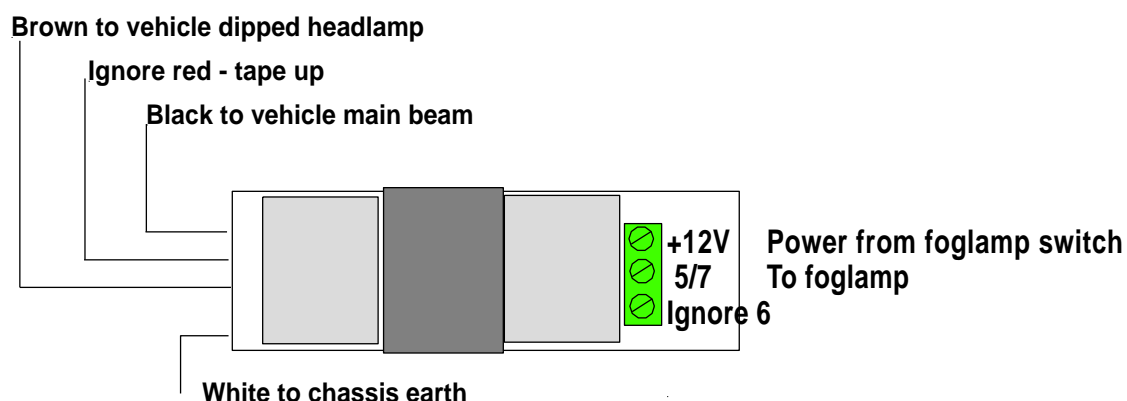


# ***Ryder Towing Equipment Ltd***

## **TF1013: Three Lamp Bypass**

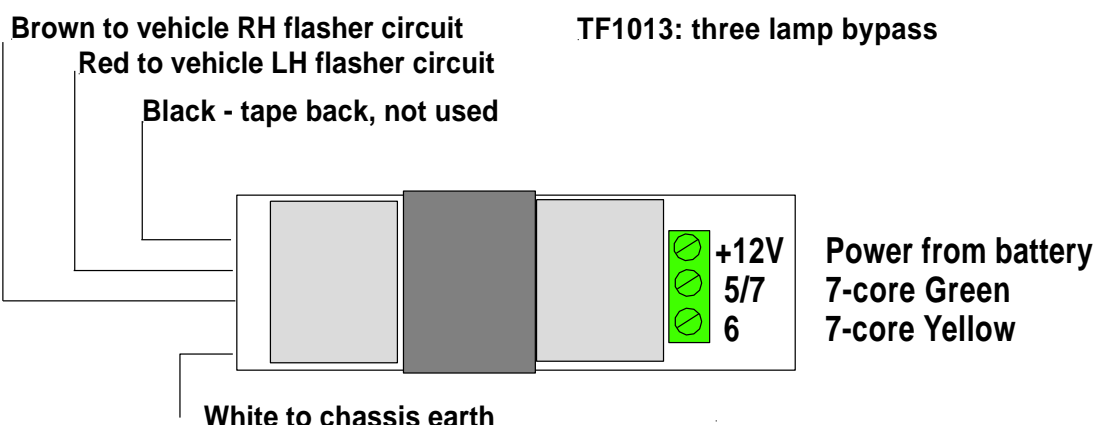
### **Three lamp bypass to control a foglight to be headlamp-dependent**

#### **TF1013: three lamp bypass**



Brown and Black are isolated by diodes but both control to same relay  
Alternatively, Use either black or brown to dipped headlamp  
and red to main beam and connect the foglight to both 5/7 and 6.

## **TF1013: Wiring for flashers**



### **Quality – Service – Innovation**

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([www.rydertowing.co.uk](http://www.rydertowing.co.uk) [mail@rydertowing.co.uk](mailto:mail@rydertowing.co.uk) )

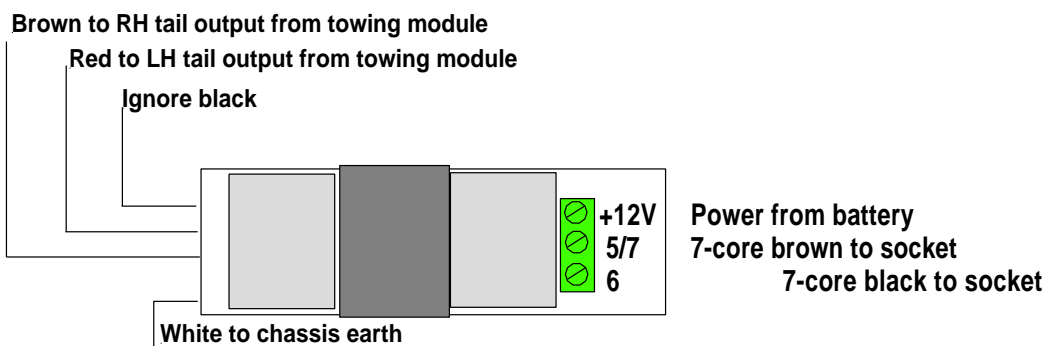
# ***Ryder Towing Equipment Ltd***

## **TF1013: Three Lamp Bypass**

### **TF1013 LED filter application**

Use a TF1013 in the towing vehicle to prevent its OEM module pulses flashing LEDs on trailer tail and brake circuits

Cut brown and black wires in 7-core cable to trailer socket and fit the TF1013 in line as shown below.



If there is also a pulse on brake LEDs  
connect black to module LH tail output  
red to module brake output

If there is also a pulse on brake LEDs  
connect both 7-core black and brown  
to terminal 5/7 and 7-core red to  
terminal 6

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