

Ryder Towing: TF1152 SuperBuzzer2 Fitting Instructions

Before you start

- **Examine the car carefully** to see that all electrical circuits are working correctly and that no warning lights are showing.
- **Decide whether to disconnect the battery.** Take into account:
 - Would disconnection disrupt memory circuits, etc? (You may need a device to keep memory circuits safe.)
 - Can you make your electrical connections safely with the battery connected?
- **When routing the cable,** take care to route it where it will not be cut or crushed. Pay particular attention to points where the cable passes through bulkheads, etc.

Chart A: Wiring the relay(s) and/or monitor				TF1152 SuperBuzzer2 Monitor		
Function: To provide an audible warning that the trailer flashers are working						
Correct fuse: Not applicable						
Socket pin number	7 core cable colour	to	Relay wire colour or terminal number	Relay wire colour or terminal number	to	Vehicle circuit
1	Yellow	to	Yellow	Yellow/orange	to	LH flasher
2	Blue		Direct	Direct*		Fog lamp
3	White	to	Chassis	White	to	Chassis earth
4	Green	to	Green	Green/grey	to	RH flasher
5	Brown		Direct	Direct*		RH tail light
6	Red		Direct	Direct*		Brake lights
7	Black		Direct	Direct*		LH tail lights
-	-		-	N/A		Power (battery)

**Unless fitting a fog cut-out or bypass relay.*

General Instruction, 12N boot fitting relays and monitors

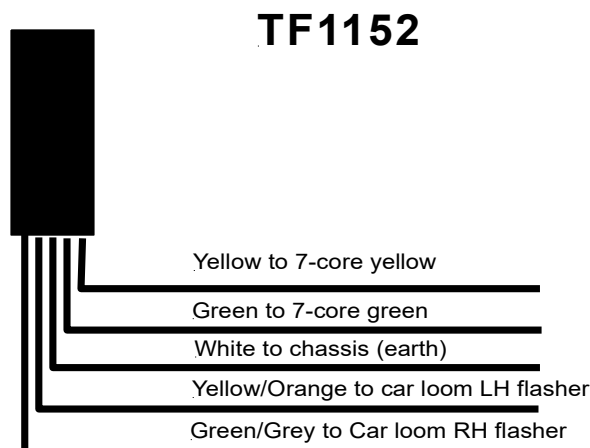
1. Drill a 12mm hole in the floor of the boot adjacent to the socket mounting point on the towbar. (Take great care to ensure that you drill in a safe place where you will not damage wires, pipes, bodywork, etc.) Treat the edges of the hole with a rust inhibitor and line it with the grommet provided.
2. Wire the trailer socket, as shown in **Chart A** and mount it on the towbar. Lead the 7-core cable into the boot through the hole you drilled. Make sure the cable is a snug fit in the grommet to prevent fumes coming into the car.
3. Use a suitable probe tester to identify which wire feeds each rear lamp.

If you need to take a power source for a bypass relay, etc.

4. Route your power source cable(s) from the boot to the battery. Fit a fuse in line in the cable, close to the battery. Do not connect yet

In all cases

5. Follow the instructions in **Chart A** and connect together your 7-core cable, your relay(s) and/or monitor and the appropriate wires in the vehicle loom.
6. If applicable, connect your power cable to the battery and insert the fuse provided. Check that the fuse is of the value shown in **Chart A**.
7. Use a suitable test board to test the circuits. Make sure any "Tell-tale" warning light or buzzer is working correctly.



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Unit 1, Chadwick Block, Bracewell Ave Poulton-le-Fylde, Lancashire, FY6 8JF, Phone: 01253 881008 (Fax: 01253 886434)

(www.rydertowing.co.uk mail@rydertowing.co.uk)