

Intermittent Rear Wiper

All this is applicable to a late model Defender TD5. Presumably earlier ones will be the same as long as the connections at the wiper switch are the same as those described below.

First of all you need an intermittent wiper relay. Either use the standard Defender item (i.e. Lucas) as used for the front wipers, or to be really flash you can get a Bosch item which gives a programmable interval, anything from 2 - 45 sec's. This happens to be a straight replacement for the standard item so it will fit the front wipers too. It's available under Bosch part no. 0 986 335 058 from Bosch distributors (see www.bosch.co.uk for addresses) for about £15 + vat. The terminals on the Bosch relay are numbered, which the following instructions refer to. The Lucas relay terminals are not numbered at all: but the layout of the terminals is the same so you can figure out which is which by studying the attached diagram closely. You could probably pirate something off a Sierra or something at your local breakers, but the terminals might be different.

The Bosch relay has six terminals, as follows:

15 (live)
le (small one)
We
31 (earth)
WM
WS

The back of the rear wiper switch has 5 connections, as follows:

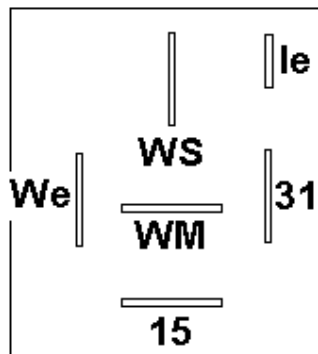
White/Green (live)
Black/Green
Brown/Green
Red/Green
Black (earth)

- 1) Take a feed from the White/Green cable on the wiper switch and connect to terminal 15 on the relay
- 2) Take a feed from the Black/Green cable on the wiper switch and connect to terminal We on the relay
- 3) Remove the Brown/Green cable from the wiper switch (this will leave bare terminal, so insulate) and connect it to terminal WM on the relay
- 4) Remove the Red/Green cable from the wiper switch and connect it to terminal WS on the relay
- 5) Connect the terminal on the wiper switch from which you removed the red/green cable in step 4 to the le terminal on the relay (the small one)
- 6) Connect terminal 31 on the relay to a good earth.

This will give you:

- 1) Push the switch to get both washers and continuous wipe which will carry on for 3 - 4 sec's after you let go of the switch
- 2) Turn the switch to get intermittent wipe, & set the interval as per the Bosch instructions, if you are using the Bosch relay.

Relay



Wiper switch

