

# TIMEGUARD®

## Quick-Start Instructions

### Round Pattern 24 Hour Electro-mechanical Time Controllers with Half Day & Day Omit

#### RTS113/RTS114

## Set Up for 24 Hour Operation

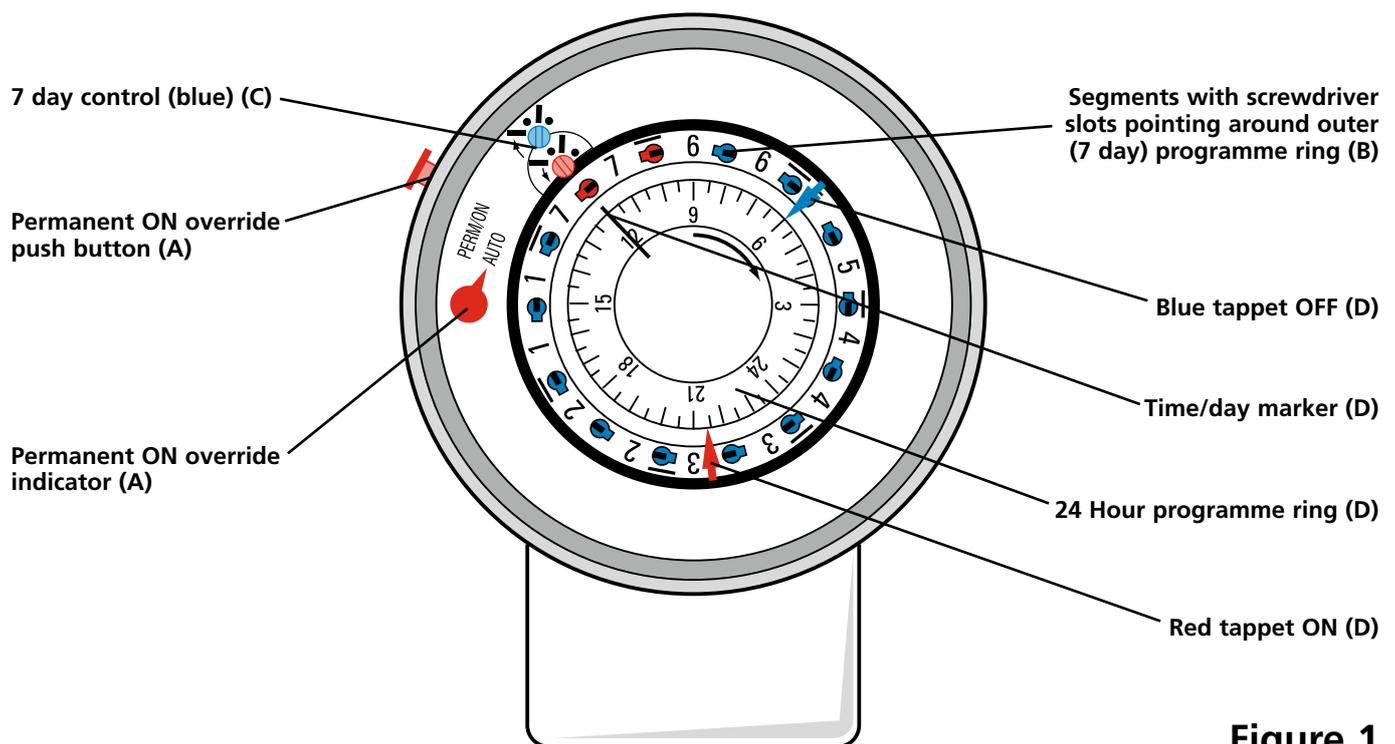


Figure 1

Carry out A to D in sequence referring to figs 1, 2 and 3:-

- A** Permanent ON override indicator must point to AUTO, if not press Permanent ON override push button firmly.
- B** All the segments on the outer (7 day) programme ring must have their screwdriver slots pointing around the ring. Any that are not must be turned in a clockwise direction with a small screwdriver until they are (fig. 3 shows one segment set as required and one incorrectly).
- C** The 7 day (blue) control must have its screwdriver slot lined up with either bar (I for ON), if not use a small screwdriver to turn the control in a clockwise direction until they line up (see fig. 2).
- D** Position red (for ON) and blue (for OFF) tappets as required around the 24 hour programme ring (one ON at 21-30 and one OFF at 6-00 shown as an example). Rotate the 24 hour programme ring clockwise through one complete turn and then further till the current time of day is lined up with the time/day marker. (12-00 midday is shown as an example). The correct position of the 24 hour (red) control has been set automatically by the above procedure. Wire up (see main instructions) and apply power to the timeswitch. It is now operational.

Figure 2

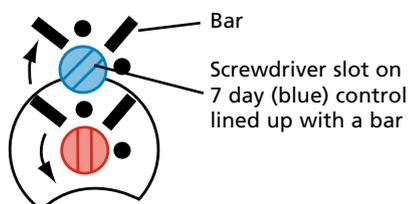
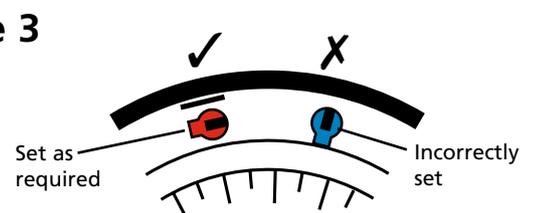
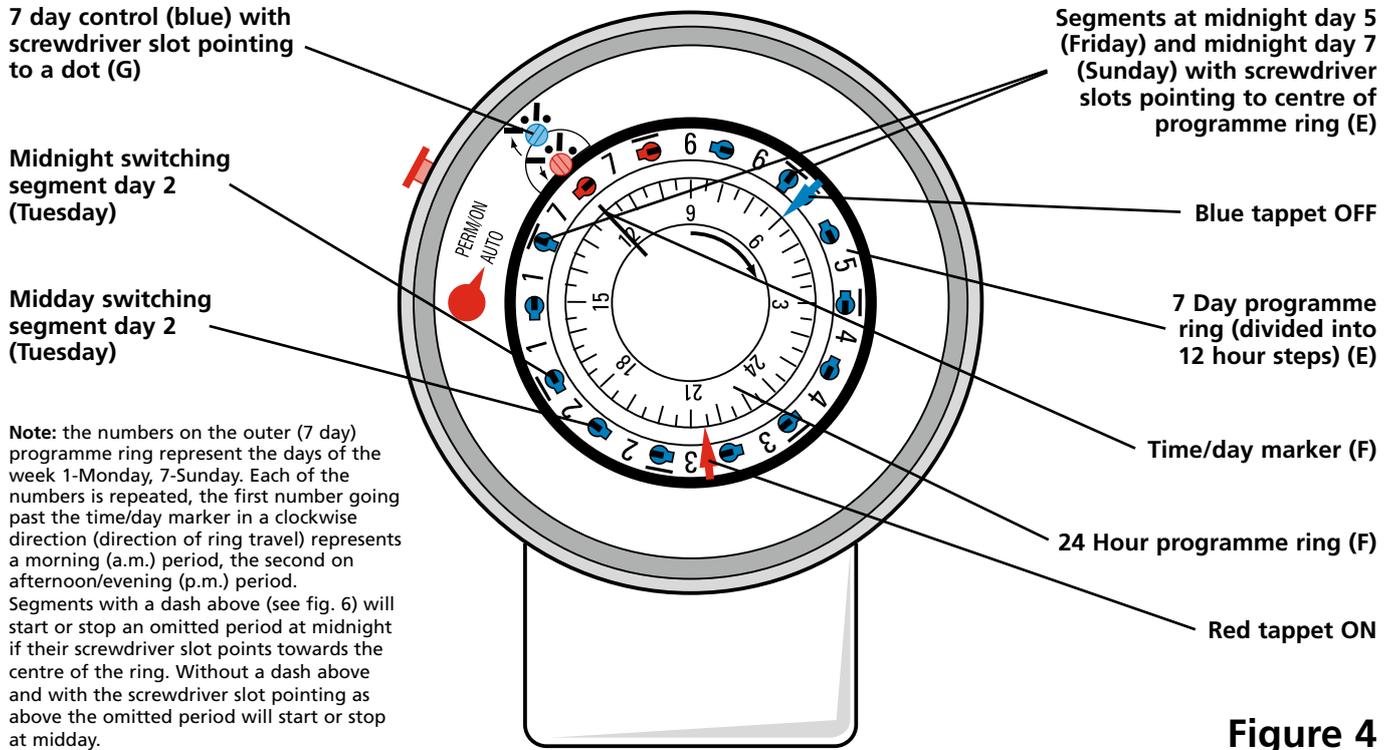


Figure 3



# Set Up to Omit Days and/or 1/2 Days from 7 Day Operation

**Note:- With these timeswitches it is not possible to have different ON periods for different days of the week.**



**Figure 4**

**Carry out A to D (apart from applying power) and then complete E, F and G as follows:-**

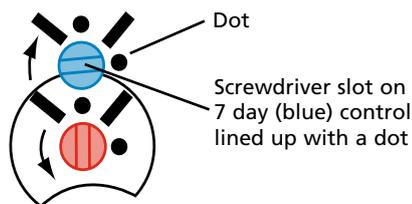
**E** Omitting days and/or half days is done by turning segments on the outer (7 day) programme ring anticlockwise through 90° from their 24 hour operation position. One at the beginning and one at the end of the period to be omitted.

As an example the period to be omitted is the whole of Saturday and Sunday. Turn the blue segment between the numbers 5 and 6 on the 7 day programme ring anticlockwise so that its screwdriver slot points in towards the centre of the programme ring and repeat this for the blue segment between the numbers 1 and 7 (see fig. 6).

**F** Rotate the 24 hour programme ring clockwise until the correct time and day is set for the example shown – day 7 (Sunday), time 12-00 midday. This may take several turns of the ring. Note:- The time marker also acts as a day marker for the 7 day programme ring.

**G** Turn the blue 7 day control clockwise to align its slot with either dot (● for OFF) since, for the example shown, the 7 day programme ring is within an omit (OFF) period (see fig. 5). Wire up (see main instructions) and apply power to the timeswitch. It is now operational.

**Figure 5**



**Figure 6**

