

**Referring to part nos. ELC 001 and ELC 020 (used in conjunction with ELC-015, ELC-017 and ELC-021 Potentiometers.**

### **Gear position indicator (GPI) Setting instructions.**

Connect the GPI potentiometer to the gearbox and connect the 12 volt supply. Read the following notes through. Have a small implement to hand that can access the small setting button through the hole in the facia.

N.B. To accurately programme the unit, you must ensure that when doing so the gearbox engages exactly in each respective gear. Therefore, to avoid static dog baulking problems whilst programming, it is advisable to either remove the dog rings, or to jack the driving wheels off the ground and programme the GPI with the engine running.

1. Turn off the power supply and hold the button depressed.
2. Turn power on and release button when display comes on.
3. The unit will now display 'r'. (See point 6). Select reverse in the gearbox and press the button once. (Do not hold button down). The unit will now recognises the reverse potentiometer signal.
4. The unit will now display '0'. Select neutral and press the button once. The unit now recognises neutral position.
5. The unit will now display '1'. Select first gear and press the button once. The setting sequence will continue in this manner up to gear position '9', after which, setting is finished.
6. You will likely wish to omit certain numbers from the sequence, such as 6, 7, 8 and 9 from a five speed gearbox, or 'r' on some gearboxes where the selector barrel does not have a separate reverse position. Reverse cannot be signalled in this case). This is done by holding the button down when the unwanted signal appears. Three horizontal bars show to confirm deletion.  
Release button and continue.

When correctly programmed, the display will be blank or will flicker when the gearbox is not fully in gear. This is intended.

Either of the above potentiometers can be used with the gear position indicator, wired as shown.

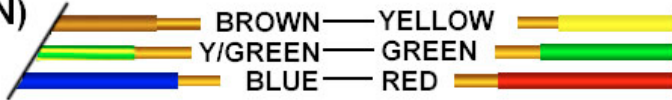
If the unit is to be fitted to an FT or FG sequential gearbox, then the modification shown below must also be carried out.



# HEWLAND ENGINEERING LIMITED

FROM DISPLAY  
UNIT ELC-001 OR  
ELC-003 (PRE-WIRED  
AS SHOWN)

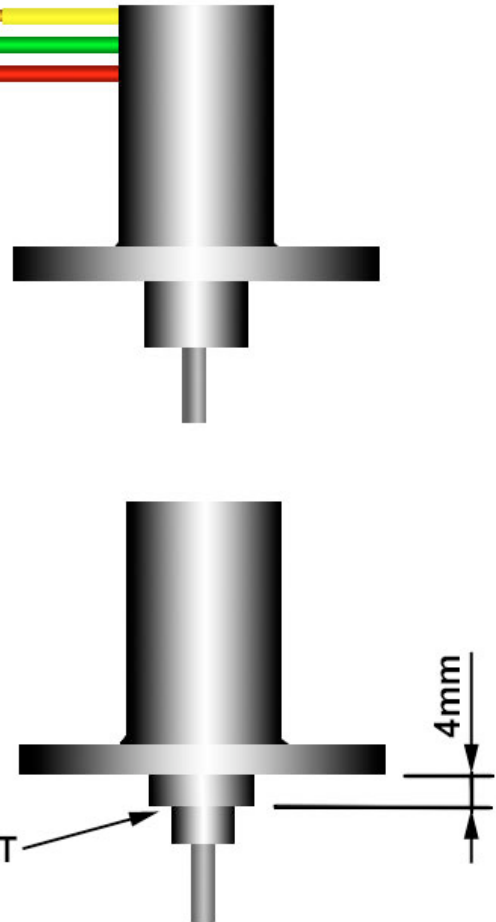
HP-M-7064 / ELC-021  
POTENTIOMETER



Power Connection:  
Brown to fused  
power supply,  
green/yellow to  
earth. **Do not  
use on +ve  
earthed vehicle.**



IF USED ON FT OR FG  
SEQUENTIAL CUT AWAY  
OUTER SHROUD TO  
DIMENSION SHOWN



FROM DISPLAY  
UNIT ELC-001 OR  
ELC-003 (PRE-WIRED  
AS SHOWN)

TGT-260-3 / ELC-015 / ELC-017  
POTENTIOMETER

