

DORMAN

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Health and safety

Every effort has been made to ensure the accuracy of the information given in our publications, but in accordance with our policy of continually improving our products we reserve the right to modify designs and specifications whenever necessary. All equipment is designed to conform to relevant British and International standards. Every care is taken to ensure that, as far as reasonably practical, it will perform without risk to health. It is essential that accepted codes of professional practice are followed in the assembly, installation and commissioning of the equipment. If in doubt with respect to any of these instructions, please consult Dorman before installing the device.

Dorman reserves the right to vary any component part to meet the required specifications without prior notice.



Certificate No. FM 14371

Dorman ref. No C64.63920 Iss 0

Semaphore Replacement Module - Set for ADLAKE and Conversion to GWR Instructions

To be read before commencing
Operation

DORMAN



INSTALLATION INSTRUCTIONS:-

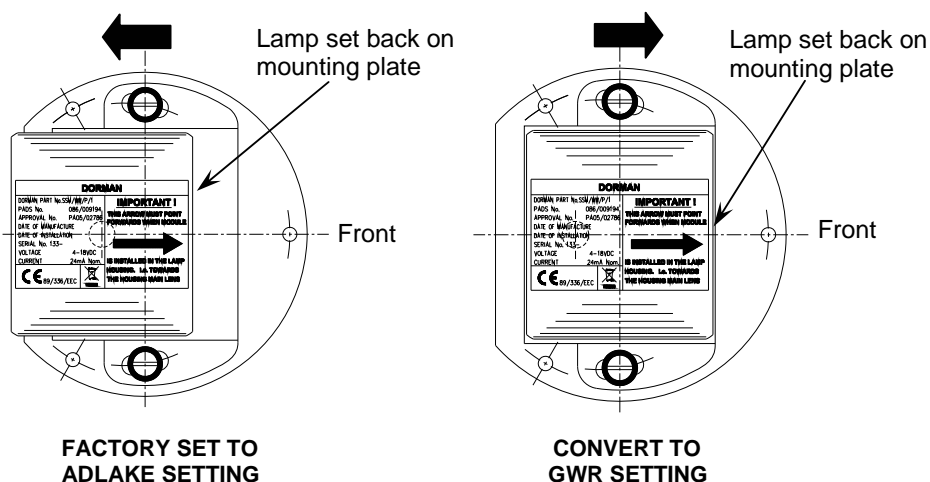
It is recommended that this unit is installed by a qualified electrician and wired in accordance with the relevant track and signal code of practice.
Please Note: - There are no serviceable parts inside this unit.

MOUNTING:-

This replacement unit has been designed to be fixed onto an existing Semaphore ADLAKE or GWR base unit, and is factory set for an (ADLAKE) outer lamp assembly.

CONVERT TO 'GWR' IF REQUIRED:-

To convert this unit into a (GWR) mounting you will have to unscrew the lamp from its base plate and mounting plate then reset to the front location holes. See Fig .1.



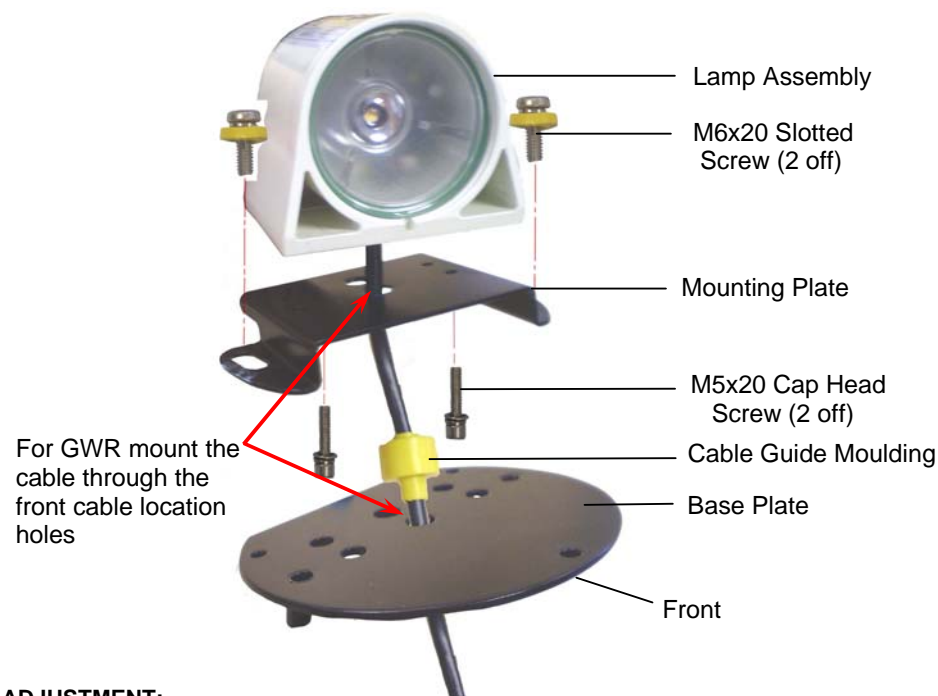
Disassemble:

- 1) Completely dismantle the lamp from its mounting plates by unscrewing (2) M6x20 slotted screws and (2) M5x20 cap head screws. See Fig .1.
- 2) Pull the cable through the rear location holes in the Base Plate and remove the Cable Guide Moulding from the cable and from the Mounting Plate.

Reassemble:

- 1) Assemble the lamp cable through the front location hole in the Mounting Plate and re-secure using the (2) M5x20 cap head screws. See Fig .1.
- 2) Reassemble the Cable Guide Moulding to the cable. See Fig .1
- 3) Assemble the cable through the front location hole in the Base Plate and then re-assemble the (2) M6x20 Slotted Screws (Do Not Tighten)
- 4) Align the lamp with the base plate rear straight edge as shown above then tighten the (2) M6x20 slotted screws.

FIG .1. CONVERT TO GWR:



ADJUSTMENT:-

For actual adjustment and setting of the completed Semaphore Lamp to the pressed steel lamp outer case see:

For ADLAKE Type.....Dorman Code = C64.63708 Iss 4

For GWR Type.....Dorman Code = C64.63709 Iss 4

WIRING:-

Colour Codes and designation of Wires:

- | | |
|----------------|-------------------------|
| Brown | = Supply +Ve |
| Blue or (Grey) | = Supply -Ve |
| Green/Yellow | = Proving Relay Contact |
| Black | = Proving Relay Contact |

SPECIFICATION:-

- Compliant with Railway Group Standard GK/RT/0031
- Nominal Supply Voltage 4V Min - 18V Max dc
- Nominal Current 24mA
- Proving Voltage 2V Min – 30V Max
- Max Proving Current 100mA
- Network Rail Approval Certificate No. PA05/2786
- Railway Industry Part No. PADS 086/009863
- Spare LED Lamp Assy PADS 086/009194
- Dorman Part No SSM/WW/P/1AD

