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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 C64.65019 Iss 2

UNIVERSAL SEMAPHORE RED FILTER FITTING KIT INSTRUCTION LEAFLET

To be read before commencing
Operation



General.

In general before commencing any modifications, all local safety requirements affecting the safe working environment of the installation either directly or indirectly should be carried out.

The lamps should only be modified both electrically and mechanically, by staff deemed competent in these fields by their employer.

Before any work is carried out, the power supply on the lamp will need to be disconnected from the power source.

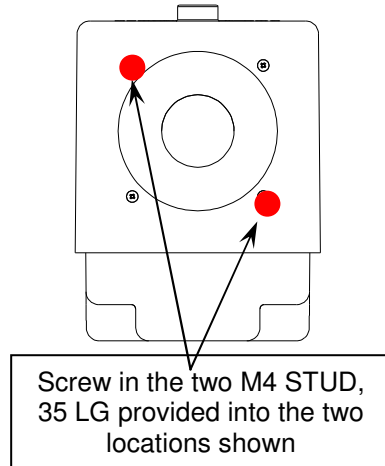
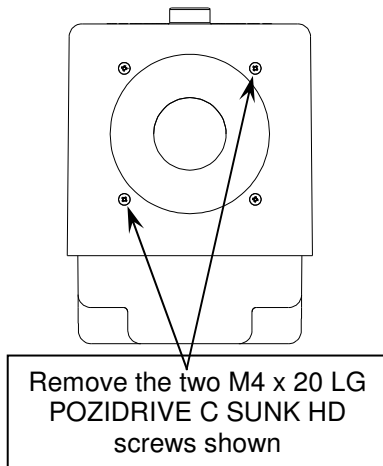
Any modifications should be carried out in a clean & dry environment.

ASSEMBLE UNIVERSAL SEMAPHORE LAMP RED FILTER FITTING KIT TO SEMPHORE HOUSING

Fitting kit (Part No. D87.78027) should be used to ensure that the Universal Semaphore Red Filter Fitting Kit is fitted correctly.

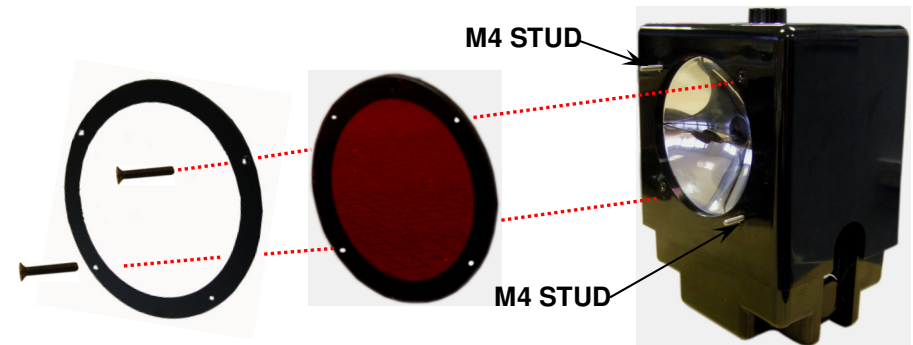
- A) Using a suitable M4 POZI drive, remove the two existing M4 x 20 LG POZIDRIVE C SUNK HD screws, shown below holding the Reflector Housing module within the Main Housing.
- B) Screw in the two M4 STUD, 35 LG into the two locations shown to hold the Reflector housing module in place.
- C) After screwing in the two M4 STUDS remove the remaining M4 x 20 LG POZIDRIVE C SUNK HD screws. **See Example Picture Below.**

TOP



- D) Remove adhesive backing from the Universal Semaphore Lamp Gasket.

- E) Position the Filter onto the M4 STUD, 35 LG and screw in the first two of four M4 X 20 LG POZIDRIVE C SUNK HD screws. Remove the M4 STUD, 35 LG and screw in the two remaining M4 X 20 LG POZIDRIVE C SUNK screws securing the Red Filter fitting Kit to the Semaphore Housing.
- F) After removal of existing M4 x 20 LG POZIDRIVE C SUNK HD screws, and adhesive backing from gasket please discard according to local regulations.



Position Filter / Gasket & Lens Clamp onto the M4 STUD, 35 LG and tighten

Dorman Part Numbers:

PADS NUMBER	DORMAN PART NUMBER	DESCRIPTION
0086/009199	D79.78027	UNIVERSAL SEMAPHORE LAMP RED FILTER FITTING KIT
0086/009195	USL2/WW/P/E-/LE	UNIVERSAL SEMAPHORE LAMP (ELEVATED) EXTERNAL SUPPLY – LOW INTENSITY
054/003081	DBB6V	BATTERY HOLDER
0086/009190	B13.12170	LED SEMAPHORE SIGNAL BATTERY BOX
054/128366	B13.12170	DAAB 50 AIR ALKALINE BATTERY

Approvals

Acceptance Number: PA05/0335

