



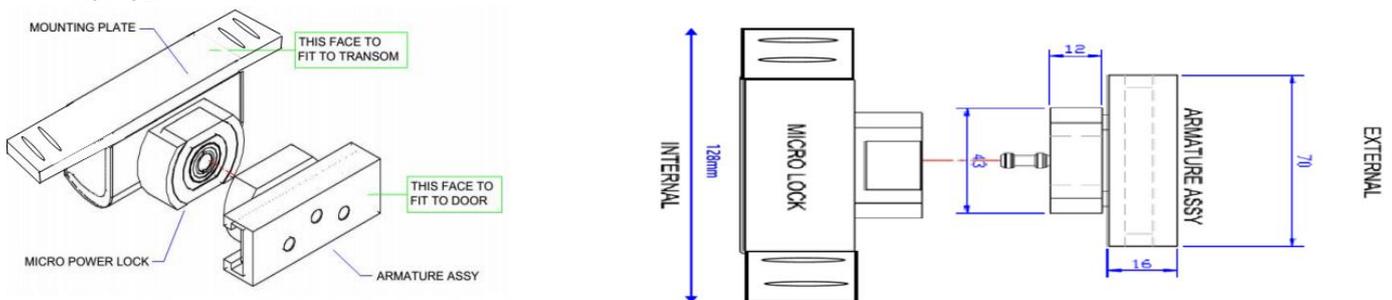
# INSTRUCTIONS for SDGi micro power lock

The lock and bracket come completely assembled so you can see how they will mount on the door.

If you have any queries then either visit our website: [www.gingersspark.co.uk](http://www.gingersspark.co.uk) Email: [mike@gingersspark.co.uk](mailto:mike@gingersspark.co.uk) Or telephone: 0161-483 4747

## Components

- 1 no SDGi micro power lock already fitted to the mounting plate with all cables coming out of the top
- 7 No M5 self tapping counter sunk screws
- 1 no armature on a sliding plate within a C section armature housing with 3 no fixings
- 1 No Allen keys for the small grub screws on the armature
- 1 no PCB



**Offer up the lock to the transom/lintel and the armature to the door and mark their positions**

## Fitting the armature to the door

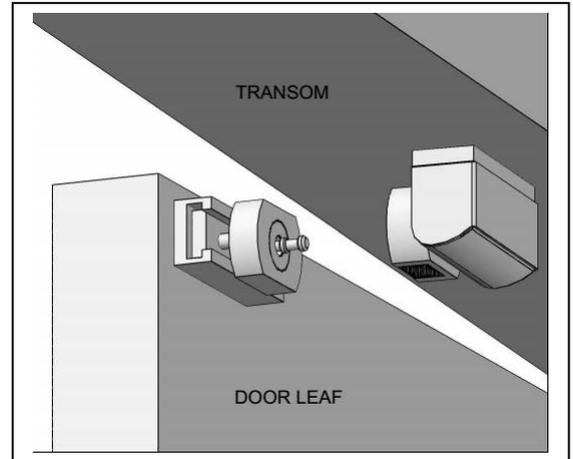
1. Loosen the 2 grub screws either side of the armature and slide out and set aside – **Figure 1**.
2. Secure the lipped section to the door
3. Slide the armature plate back into the lipped section

**Figure 1**



### Fitting the lock

1. Offer up the lock to the armature with the door closed and then put one fixing in the mounting plate, either side of the lock, through one of the slots (**figure 2**) and slide the lock so it aligns completely flush with the armature, once you have achieved this secure the lock to the transom lintel with these two fixings and mark around the position of the mounting plate, un do the fixings and drill a hole for the lock cables to go through.
2. Make connections to the access control and the MPL PCB
3. Re fix the lock to the pre marked position and secure properly using two fixings in each of the remaining slots either side of the lock
4. Close the door onto the armature and slide the armature left and right until it has engaged cleanly with the lock, then fully tighten the grub screws (as *image 1*) and then re test the arrangement by opening and closing the door, if it does not align then repeat the adjustment steps



### Finally

1. Once the lock is powered, test opening and closing and ensuring the lock locates smoothly into the armature.
2. It is very important that the lock and armature engage smoothly and flush. It is still possible for minor alterations to positioning/location to be achieved whilst the lock is powered.

### Relevant Information

- It is essential that the header frame/transom you are mounting the bracket to is strong enough to accommodate the bracket and its fixings – if in doubt consult with the door supplier.
- Ensure that the fixings supplied are not changed otherwise this will affect the performance of the bracket.