

INSTRUCTIONS for SDGi infinite adjustment mag lock bracket

The bracket comes completely assembled all you have to do is mount the bracket, fit the mag to the slider plate, line up with the armature, wire up, power up, tighten up and walk away.

NB each SDGi bracket is bespoke to each mag lock type and size. Please ensure you have the correct bracket for the relevant mag lock.

What is this bracket for?

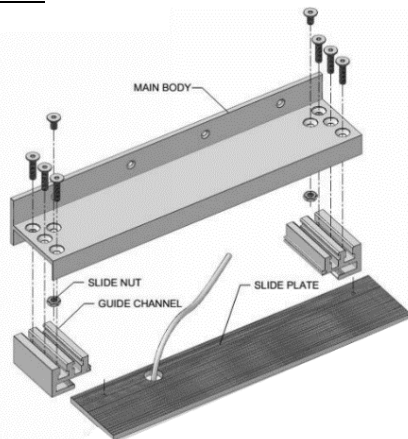
- Where you have a situation where the mag lock cannot fit directly under the transom/lintel and where you would normally use an 'L' bracket.
- This bracket allows infinite adjustment and positioning of the mag lock so that it meets the armature perfectly and with minimal effort and work by the engineer.
- Dependent on the reveal and the size of the magnet you can slide the plate forwards or backwards and even angle it, if that it was is needed.
- There is a cavity and a cut out in the bracket to make cabling easier and without exposing or pinching the cable.
- It allows you to adjust the position of the magnet very easily even after commissioning.

How easy is it to fit?

Very easy! Normally you would have to fit the L bracket to the transom first and then secure the magnet with the L bracket in situ, which is awkward and difficult to accurately align. With the **SDGi** you secure the magnet to the sliding plate (on a desk, in the van or anywhere comfortable) and then when the main body is fitted to the transom and the armature to the door, you just need to slide the plate into the bracket, line up with the armature and tighten everything up.

If you have any queries then either visit our website: www.gingersspark.co.uk Email: mike@gingersspark.co.uk Or telephone: 0161-483 4747

Components:

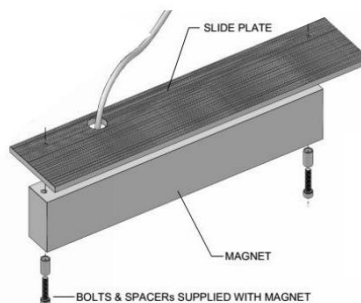


Fixings

- 6 No 22 mm allen head M6 bolts to secure the sliding plate from moving (already in place)
- 2 No M6 12 mm bolts to secure the guide channels to the main body (already in place – do not loosen)
- 1 No allen key
- 4 No self-tapping Transom fixings suitable for aluminium frames

Step One

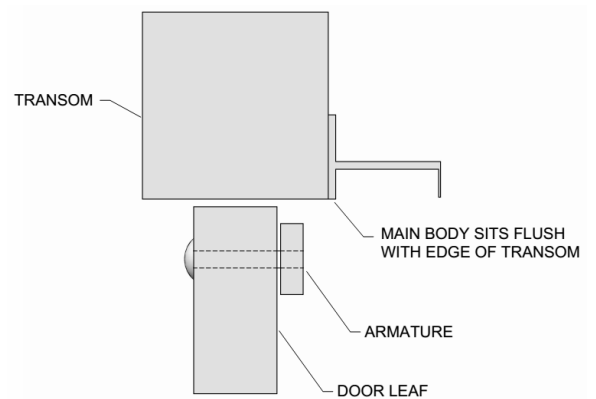
1. Remove the slide plate from the main body - On the top of the main body bracket there are 3 fixings at either end. Loosen all three fixings, on both sides (**do not over loosen** otherwise they will come free of the fixing nuts and will have to be relocated) just enough so that the slide plate can be slid out easily.
2. Remove the fixing plate that comes attached to the top of the magnet – note that not all magnets have this.
3. Mount the magnet to the flat sliding plate in the same way you would for a standard L bracket (as per diagram below) and secure through the 2 or 4 pre-drilled holes, dependent on the magnet you are using.
4. Ensure the hole where the wire comes out of the magnet corresponds with the one on the flat plate and that the magnet face is outwards on the edge of the slide plate – as per the drawing below.
5. This can all be pre done before attending site or in bulk on site before taking to each door location in order to save time.



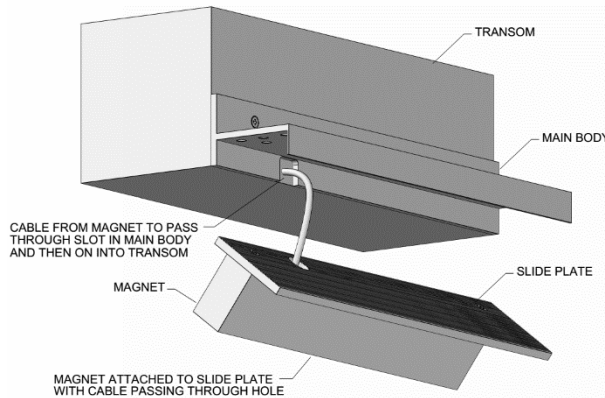
Dependent on the type of door frame the mag lock can be fitted at the front or the back of the plate which is achieved by simply turning the plate around

Step Two

Fit the armature to the door as per the lock manufacturer's instructions and also secure the main body to the transom in the same way you would with an L bracket taking care to ensure that the sliding plate can travel freely under the transom.



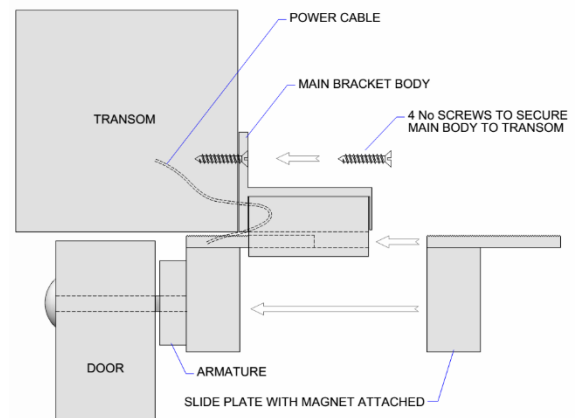
Step Three



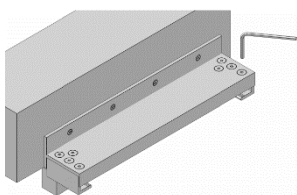
Prep a hole in the transom using the n cut out at the back of the main body, as a guide and so you have a clean cable route from the magnet through the transom. Note, that there is a void within the main body bracket to prevent any cables being pinched

Step Four

Slide the plate with the magnet attached into the main body and position it so that it meets flush with the armature on the door.



Step Five



Once the connections have been made and the magnet can be energised slide the plate (backwards or forwards, whichever way the rebate needs taking up) so that it is flush against the armature (with the door closed), note the slide plate can be angled to accommodate the position of the armature if it/the door comes in at an angle.

When you are satisfied that the magnet and armature are totally flush with each other and energised, use the Allen key to nip tight all the M6 fixings on both sides. Once you're satisfied everything is lined up then tighten the M6 screws as much as possible but using hand pressure only. Ensure you tighten one on the left then one on the right, one on the left etc so you achieve an equal spread of pressure.

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
- It is essential that the mag lock manufacturer's fitting details are still observed
- Thread lock must be applied to all fixings – typical for all mag lock installations

