

FIG.3 FACE AND KEEP PLATE FIX

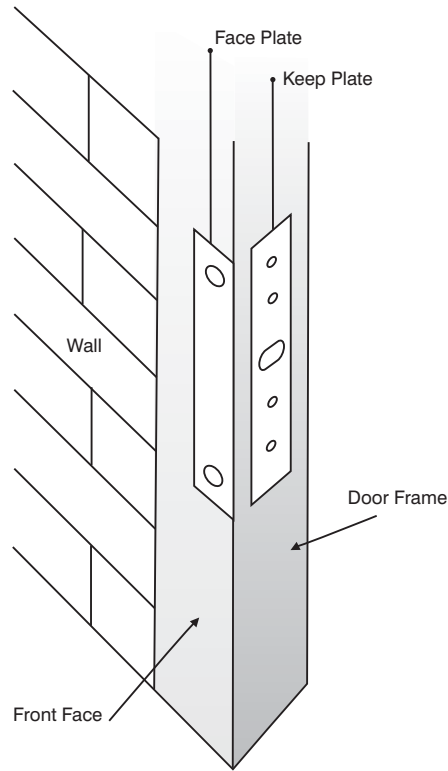
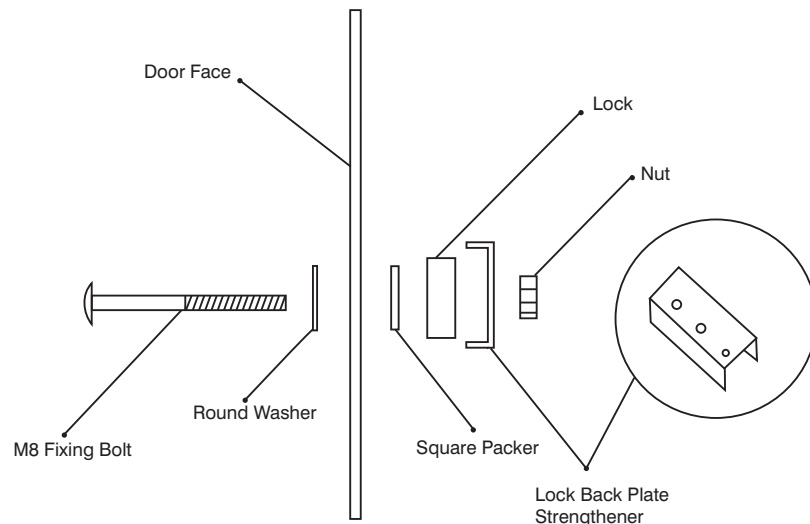


FIG. 4 LOCK COMPONENT "SANDWICH"



**UNIVERSAL GARAGE  
DOOR BOLT**

upgrade system (pair)  
For up and over garage doors.

This deadbolt system is for use on the vast majority of up and over garage doors. Properly fitted it will raise your security up to Police 'Secured by Design' and Master Locksmith 'Sold Secure' specification. Locking can be from inside or out and will suit doors of up to 38mm in thickness.

The product is designed for universal fitting, and variable adjustments can be achieved by the ways the components included are used. The product allows for the wide variation in manufacturing design and fitting of garage doors. In situations where a horizontal fit is not possible, the product can be fitted vertically to the garage floor with the same security. Although ideal for wooden doorframes the product will give extra security to metal frames or situations where there is no substantial framework.

**Tools required:**

- Drill (preferably electric)
- Drill bits: 1.5mm, (7mm masonry, if floor fitting), 11mm, and 13mm (13mm masonry if thin doorframe i.e. less than 50mm, or for floor fitting)
- Cross head screwdriver
- Hacksaw- Possibly

**Contents:**

- 2 Garage Door Bolt Locks (handed)
- 3 Cross head keys
- 2 Lock Back-plate Strengtheners (see Fig.4)
- 2 Protective Face-plates- white (see Fig.3)
- 2 Side/Floor Keep-plates- white (see Fig.3)
- 4 M8 fixing bolts each with: - large plated round washers, square spacers and nuts
- 4 M10 fixing bolts and nuts
- 2 Key Hole covers and screws
- 8 12g Self Tapping Screws
- 8 Plastic Expansion Plugs
- 2 Self Adhesive Drilling Templates

**Notes:**

- \*Please read instructions thoroughly before starting. Check parts against list of contents before commencing installation.
- \*Please allow time to assess the best method and placement of the product to give the most suitable fix for your circumstances.
- \*This is a universal product. Some items included may not be necessary for your particular fix.
- \*We advise that safety gloves and goggles are used, and caution taken with power tools. Do not use electrical equipment in damp or wet circumstances.
- \*If your door has a warranty on its finish this may be affected by drilling, if concerned check with door supplier.
- \*Special consideration should be given where the fitting of locks will interfere with the mechanisms for automated doors, the system will only work separately to any automated/remote door system.
- \*The same protection will not apply for Glass Reinforced Fibre doors or similar materials, due to the nature of the door material.

### Fitting Instructions: Side Fix

1. Position a lock at the bottom corner of the garage door with the flatter surface to the back (inside) face of the door and the bolt to the edge as in the diagram Fig. 1. The ideal is approximately 250mm to 300mm up from the floor and 20mm in from the edge of the door (This 20mm allows for the bolt in its retracted position). The most suitable place may be that which has least ribbing in this area. Mark around the lock in this position, and apply the self-adhesive template for drilling. Holes required are marked on the template. Drill and de burr, to remove ragged edges.
2. By temporarily fixing the lock with the M8 fixing bolts a mark can be made in the side of the door to enable it to be drilled (13mm hole) for the lock bolt to travel (we suggest that at least one pilot hole is made prior to the 13mm). Remove the lock and drill hole. On angled door edge sections it may be easier to increase the drill sizing gradually. A round file may also be helpful with this operation.
3. Fix the lock firmly in place. From the outside face of the door, the 'sandwich' of components should be: - M8 fixing bolts, large round washers, door face, square spacers, lock, lock back-plate strengtheners and nuts- see Fig 4. The protruding ends of the bolts can be cut shorter if required
4. With the door closed, a mark can be made where the extended bolt touches the frame. A touch of paint or similar on the end of the bolt may be helpful here. This can now be drilled using a 13mm drill bit; the depth should be slightly more than the throw of the bolt. Using this hole as a guide, assess the best way round to fix the keep plate -see Fig.3 (you will notice that the oval hole is offset to allow any position on the frame to be accommodated). Mark the four holes and fix using the 12g screws provided.
5. The faceplate should be mounted on the outside of the frame so that it is central to where the bolt passes into the frame. Mark the two holes and drill. Fix the faceplate using the M10 fixing bolts and nuts. Attach the keyhole covers over the hole for the key, using the self-tapping screws provided.
6. Repeat the process on the other side of the door.

### Fitting Instructions: Vertical Fix to Floor

The same procedure as above generally applies, therefore ensure you read through and apply the following additions.

1. The ideal point for fixing the locks in a vertical position is 250mm to 300 mm in from the corner and 20mm from the bottom of the door see Fig 2, however the most suitable place will be that which has least ribbing in this area.
2. Holes made in the bottom section of the door should be simpler as the section is generally flat.
3. The sandwich of components remains the same see Fig 4.
4. The mark for drilling will now be made to the floor, and a 13mm masonry bit should be used with a hole slightly more than the depth of the throw of the bolt. The keep plate is now used as a floor plate. Using the 13mm hole as a guide use the offset hole to assess the best way round to fix, ensuring the plate is positioned so that the fixing holes are as far under the door when it is closed as possible. Mark the holes, drill with a 7mm masonry bit, and insert the plugs provided. Fix plate
5. There is no requirement for the faceplate on a floor fix.
6. Repeat the process on the other side bottom edge.

FIG.1 LOCK POSITIONING - SIDE FIX

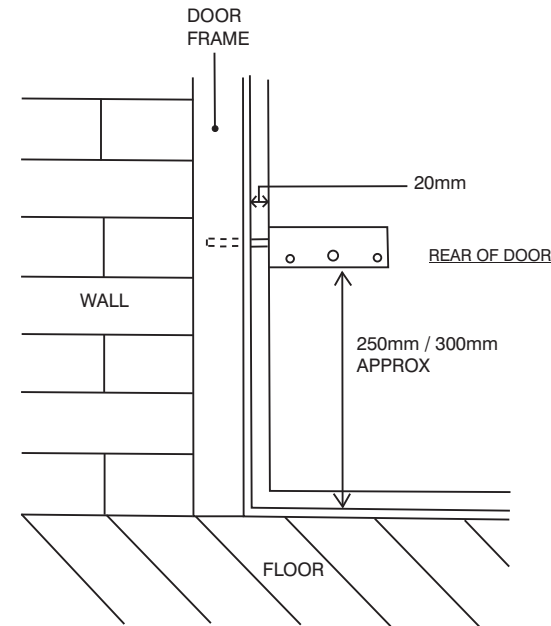


FIG.2 LOCK POSITIONING - FLOOR FIX

