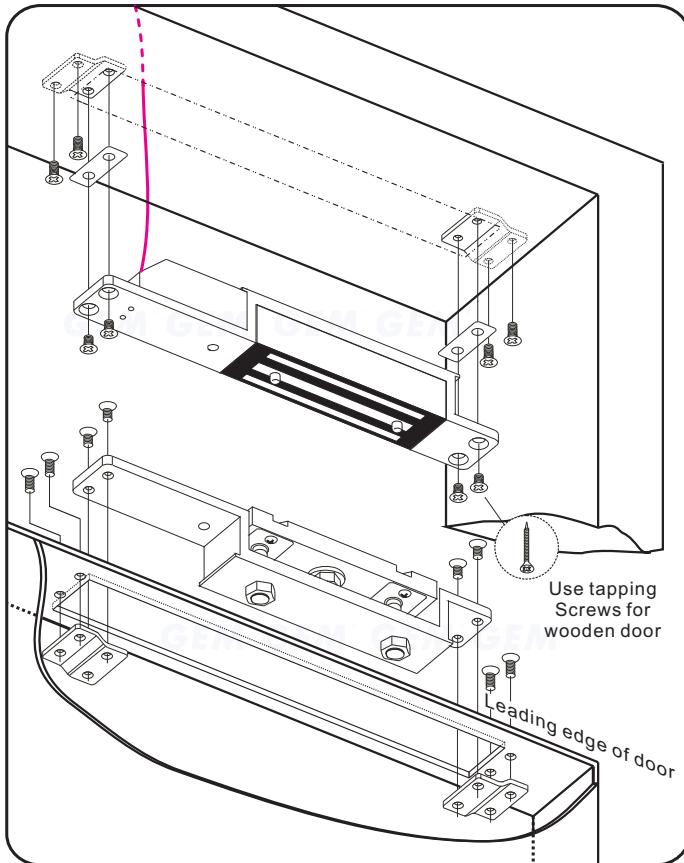
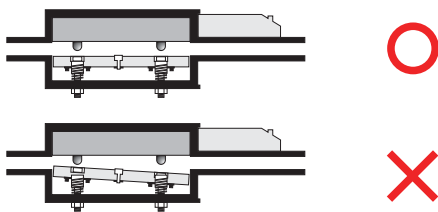




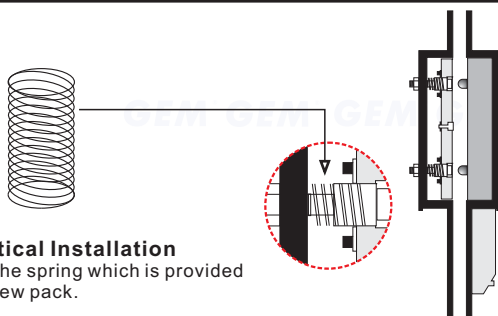
## Flush Installation



Flat Lugs is used when the door frame is deep, and to prevent the Electromagnetic Lock or the Armature Plate caved in, add flat lugs to raise the plane (level) of the Electromagnetic Lock face or the Armature Plate face to the door frame surface.



Make sure the gap between the Shear Lock and the Armature Plate are the same while adjusting the gap.



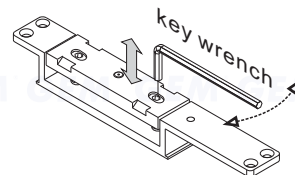
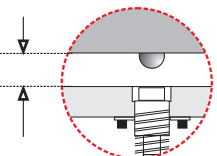
### For Vertical Installation

Change the spring which is provided in the screw pack.

1. Make sure the gap between the door top rail and frame header is 2mm. Make adjustments to the door as required.
2. Adjust single acting door and door closer to insure the door settles immediately and is fully closed. (Adjust double acting door and POSITIVE CENTERING DOOR CLOSER to insure the door settles immediately and is fully closed and rest in the dead center of the frame.
3. Locate the vertical centerline of the magnet and armature as possible to the leading door edge.
4. Determine the horizontal centerline of the door top rail thickness. The Armature centerline will be the same. Mark the door per template.
5. Before determining the frame header centerline single acting door must be fully closed. Double acting doors must be fully closed and rest in the dead center of the frame. Mark the frame header per the template. Prepare the door and frame per the template.
6. Install the Shear lock and armature assembly towards the leading edge of the door.
7. For proper operation the armature must be adjusted upward as close as possible and parallel to the Shear Lock without interfering with opening and closing of the door.
8. Proper operation cannot be expected with more than 2 mm gap between the armature and the magnet. Use the key wrench provided to adjust the armature vertical adjustment screws.
9. With the door closed turn the lock power on, check the lateral alignment. The armature locking bolt should be centered to magnet keep hole.
10. If the shear stops are too close or binding, double check the templating and door alignment, and make corrections as required.
11. Repeat steps 6~10 as necessary following shear lock replacement. Cycle the door and Shear Lock several times after the completion of the installation.



The Gap between the Lock and Armature plate is 2 mm



Proper operation cannot be expected with more than 2 mm gap between the armature and the magnet. Use the key wrench provided to adjust the armature vertical adjustment screws.

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