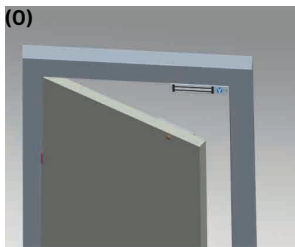


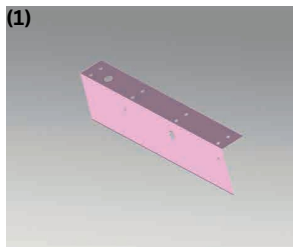
Section-4

1.1 IDMACS EM-Lock Installation

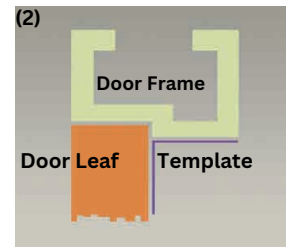
To properly install the lock on your particular door, you should follow these steps:



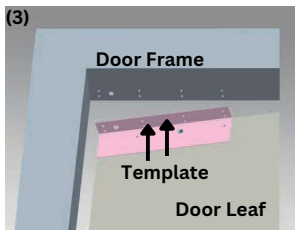
Proceed as directed



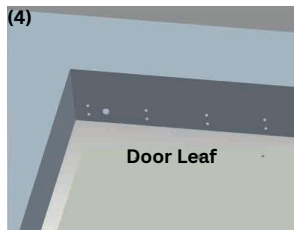
Fold the plate to 90



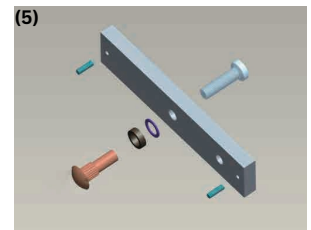
Close the door first, then place the upper side of the template on door frame, while adjust the left side next to the door leaf



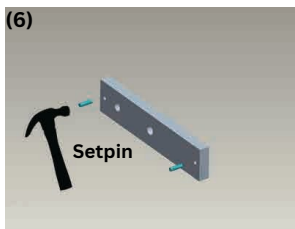
Mark screw positions of armature plate and magnetic lock on the door leaf and door frame respectively



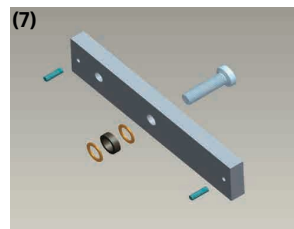
Drill holes based on the marked position



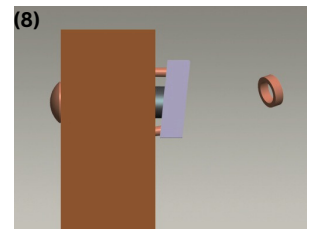
Make a combination based on the picture



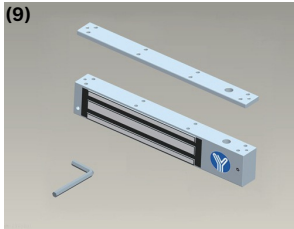
Strike the pin into the armature plate slightly (to avoid movement)



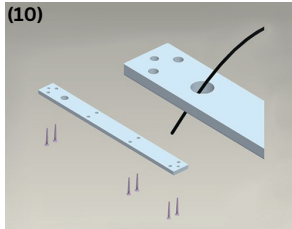
Make combination based on the picture (add washer accordingly). The rubbing ring must be



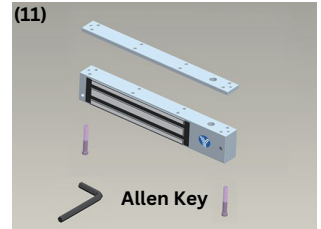
Place the rubber ring between the armature plate and door leaf



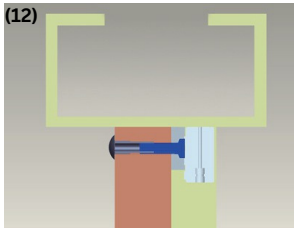
Use the Allen key to remove the mounting plate from lock body



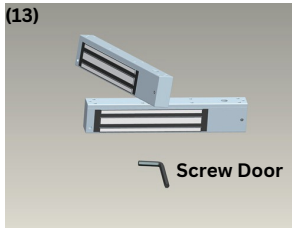
Fix the mounting plate on the door frame according to the holes drilled earlier



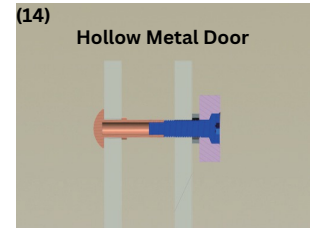
Use Allen key to screw the lock body on the mounting plate



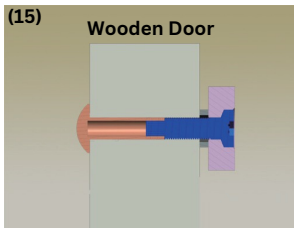
Close the door to test holding force. The angle between armature plate and magnetic lock can be adjusted by adding or reducing washer



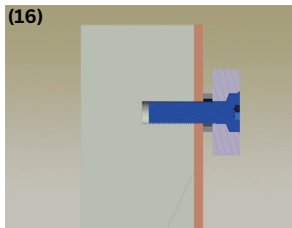
After all the appropriate procedures, the holding force can be maximized. Finally, fix the tamper screw



Drill a hole
Inside: Diameter is 8mm
Outside: Diameter is 16mm



Drill a hole
Inside: Diameter is 8mm
Outside: Diameter is 12.7mm



Inside: Drill a hole
Diameter is 8mm folding the plastic straight pin



Notice:

Thickness of door leaf

350LBS: 44mm 600LBS: 50mm 800LBS: 48 1200LBS: 46MM

1. The screw of the armature plate should not be fixed too tight. Proper elasticity should be guaranteed for the rubber ring so that the armature plate can adjust itself to the appropriate position
2. Check the jumper Position before connecting. Figure out it represents 12VDC or 24VDC

1.1.1 IDMACS EM-Lock External Cable Interface Details

SI NO	Cable Color Code	Connector Pin	Signal Name	Remarks
1	RED	1 - V+	+12V	12V Power input(1A)
2	Black	2 - V-	GND	GND
3	Green	3 - S+	Switch1	Potential Free switch Contact
4	Blue	4 - S-	Switch2	Potential Free switch Contact
5	Orange / White	5 - B+	Buzzer Positive Terminal	12V(12mA Current limit) Buzzer
6	Yellow	6 - B-	Buzzer Negative Terminal	12V(12mA Current limit) Buzzer