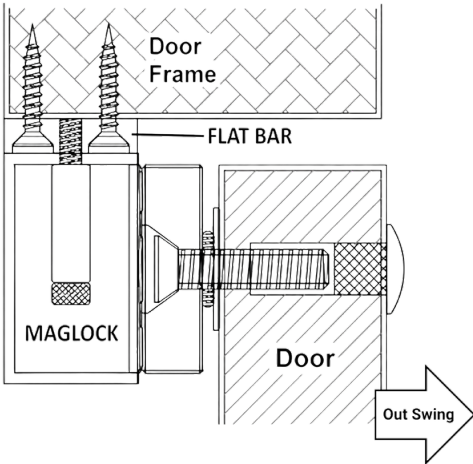


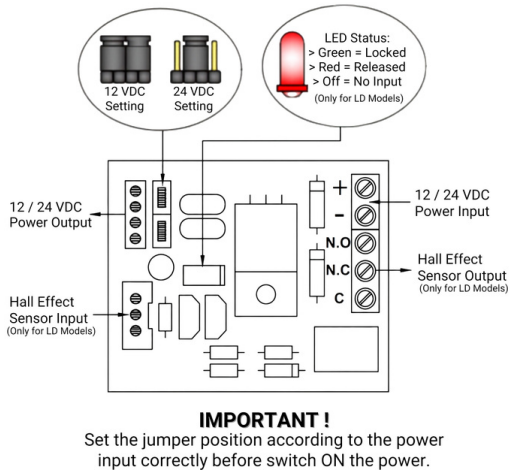
ELECTROMAGNETIC LOCK INSTALLATION GUIDE

For Indoor Dry Locations Only

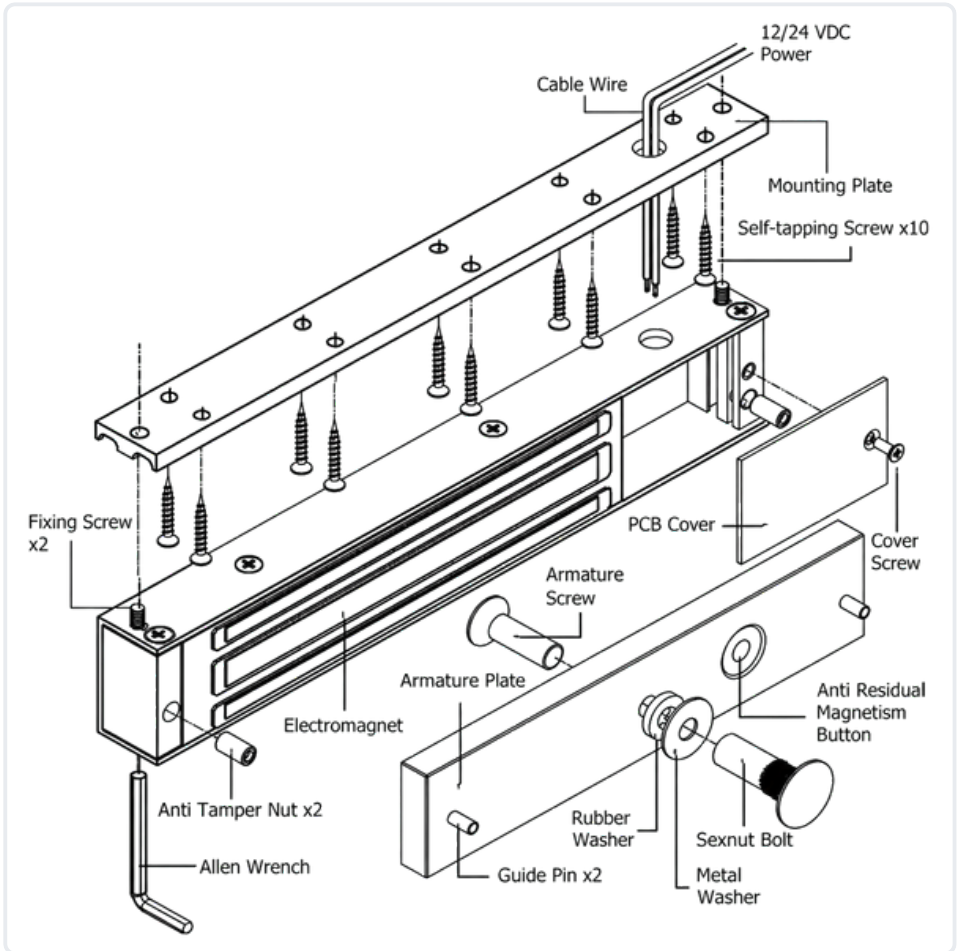
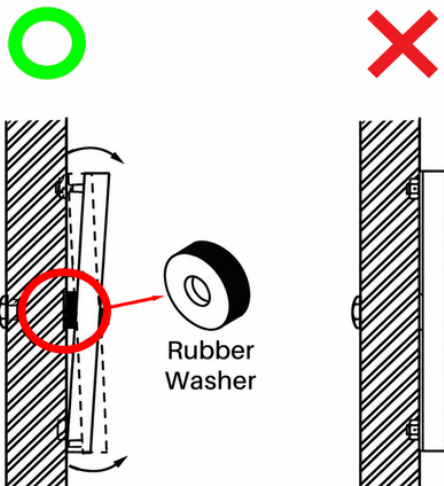
General Installation



Wiring Diagram



Proper Armature Plate Installation



Installation Procedure

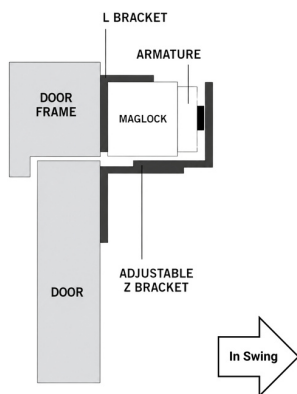
1. Drill the mounting holes for the armature plate in the door using the supplied drilling template.
2. Install the armature plate using the supplied hardware, following the installation illustration.
3. Ensure both guide pins are fully inserted into the guide pin holes.
4. Close the door and mark the position of the armature plate on the door frame to determine the mounting location of the electromagnetic lock.
5. Secure the mounting plate to the door frame using the supplied self-tapping screws.
6. Route the power cable through the mounting plate and connect it to the lock. Fasten the lock body to the mounting plate using the supplied Allen head fixing screws.
7. Install and tighten the anti-tamper nuts.
8. Connect the power supply according to the wiring diagram. Verify that the input voltage and jumper setting match before powering on.
9. Test the lock operation and confirm proper alignment and full surface contact between the lock and armature plate.
10. For optimum performance, apply a light coat of silicone lubricant to the mating surfaces periodically.

Troubleshooting

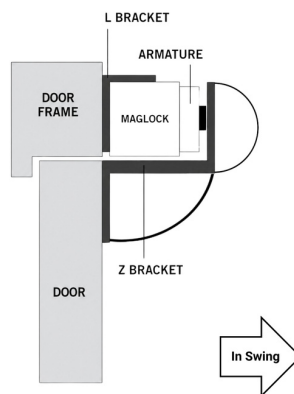
Problem	Possible Cause	Solution
Door does not lock	No power supply or incorrect wiring.	Verify the power supply voltage and wiring connections according to the wiring diagram.
Reduced holding force	Poor contact between the electromagnetic lock and armature plate.	Ensure the armature plate is installed correctly and makes full contact with the lock face.
	Armature plate tightened too firmly.	The armature plate should be able to pivot slightly on the rubber washer to achieve full surface contact.
	Dust, dirt, or damage on the mating surfaces.	Clean the contact surfaces and replace damaged parts if necessary.
	Incorrect input voltage or undersized power cable.	Verify the input voltage and use the recommended wire gauge.
Sensor not functioning (LD/Monitored Models Only)	Improper installation or alignment of the lock and armature plate.	Check the installation and ensure proper alignment.
	Wiring error or damaged sensor connection.	Inspect the sensor wiring and terminal connections.
	PCB has been modified or damaged.	Replace the PCB. Do not modify factory settings or electronic components.

Compatible Brackets

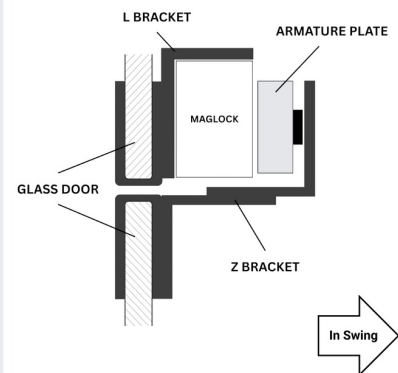
ZL Bracket



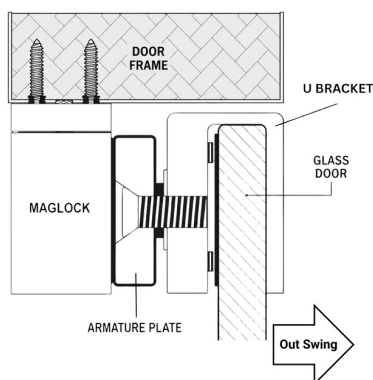
AZLG-DC Bracket



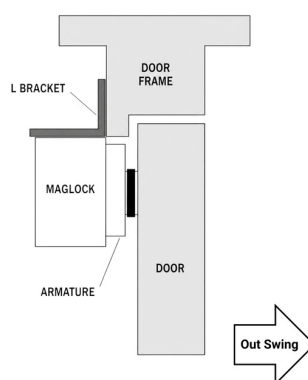
DSU1 Bracket



U1 Bracket



LS Bracket



AH Bracket

