



To ensure Isotec Security's warranty remains in good standing, the distributor must adhere to the recommended maintenance schedule and check list of service items. The second 6 month maintenance call (1 year anniversary) will be the final opportunity to notify Isotec Security of any issues with the system covered under Isotec Security's warranty. Going forward, a semiannual maintenance schedule should be maintained as the standard level of care for the system to insure safe and reliable operation.

In accordance with the Department of Homeland Security's Safety Act, all units serviced require a report to be submitted to Isotec Security on the outcome of the scheduled maintenance call and details related to unscheduled maintenance events. Upon discovery, equipment and or functionality failures need to be reported to Isotec Security within 1 business day of the occurrence.

Doors:

- Adjust door height for proper magnetic lock alignment. (See Door Adjustment Guide and Maglock Alignment Procedure Documents)
- Adjust door closers. Check back check, latch speed, and main speed adjustments. (See Door Adjustment Guide)
- Ensure top pivots are fully engaged.
- Check weather seals and replace as necessary.
- Check that the deadbolt locks operate correctly. Test the key turn as well as the thumb turn.
- Check rollers on the top door rails for wear and tear. Replace as necessary.
- Remove the door and check top and bottom bearings for wear. Clean and apply lithium grease.
- Check armature plates on the doors. They should not be over tightened. They should be loose enough to allow a slight side to side and up and down movement. Once a year the rubber washers behind the armature plate should be checked. If it is permanently compressed it should be replaced.





- Clean the face of the armature plates as well as the face of the Maglocks with rust inhibitor.

Structure:

- Check all exposed screws to ensure they are tight.
- Polish brass door handles if applicable.
- Check for chips in powder coat finish. Use provided touch up paint as needed.

Devices:

- Check exterior devices for weathering and replace as needed.
- Check occupancy sensors to ensure proper zone coverage, timer and frequency settings.
- Check that the metal detector alarms when using the test piece (contact Isotec if you do not have one). If adjustments are needed, notify the bank.
- Check low voltage and status lights on the control console. Replace battery if low and check with the bank if a status light is on to locate missing remote.
- Check dealer screens in the console to ensure options and features are set as agreed upon with the bank.
- Use operator manual to test all scenarios to ensure devices and functions operate correctly.
- Use the self-test feature to check all device inputs to the PLC.
- Check intercoms and console voice prompts for proper volume adjustment. Adjust as necessary.
- Check power supply voltage. Should read around 25.5 VDC. Use pot resistor on supply to adjust if needed.
- Check batteries in power supply for proper voltage. Should read 12VDC on each battery or 24VDC in series. Remove main power from supply and ensure that after 35-45 seconds the safety entrance powers down but overhead lighting remains on.



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Recommended Preventative Maintenance

Customer:

- Ask the branch employees and managers if they have experienced any issues or have any questions.
- Provide system upgrade information data sheets to branch managers for older systems.

