

# Lock Depot Inc

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## Trine Outdoor Strike Installation

### Trine Outdoor Electric Strike Installation

Outdoor electric strikes require specialized weatherproofing and installation techniques to ensure reliable operation in harsh environmental conditions.

### Weatherproof Models

- **Stainless Steel Construction:** Resists corrosion in salt-air and humid coastal environments
- **Sealed Solenoid Housing:** Prevents water ingress into electrical components
- **Drainage Provisions:** Small holes allow water to drain rather than accumulate
- **Temperature Rating:** -40F to +160F operational range, freezing protection built-in

### Installation Requirements

- **Conduit Requirement:** All wiring must be in sealed rigid conduit, no exposed wire
- **Voltage Drop Calculation:** Calculate wire gauge based on distance: 50ft = 12AWG, 100ft = 10AWG
- **Drainage Holes:** Position strike with drain holes at bottom, prevents standing water
- **Freeze Protection:** Install drain valve in low areas, activate weekly in cold climates

### Best Practices

Avoid mounting directly facing prevailing wind. Use protective hood above strike opening. Test drainage annually before winter season. Schedule maintenance inspections in spring and fall.