®ADEMCO

K5503 6/00

Preliminary 6/14/00 tp

INSTALLATION INSTRUCTIONS

5815
DOOR/WINDOW TRANSMITTER

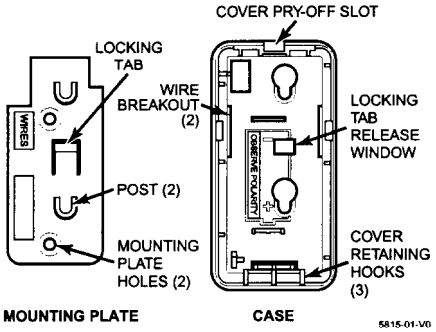

Figure 1. Mounting Plate and Case

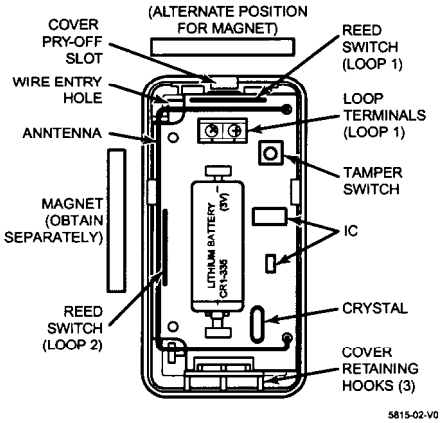

Figure 2. 5815 (shown without cover)

GENERAL INFORMATION

Each 5815 Door/Window Transmitter has its own unique serial number permanently assigned during manufacture. The control unit is required to "enroll" the transmitter ID at some point prior to its usage in the alarm system. Refer to the control unit's installation instructions for further details. ***Note:*** During programming of the control unit, 5815 transmitters should be treated as "RF" (i.e. supervised RF) Type (*mandatory for UL installations*).

The 5815 can send *two* unique codes, the *first* for a wired closed circuit contact loop and the *second* for its built-in reed switch (used in conjunction with a magnet as described below). A wired loop and/or reed switch may be used. *For UL installations, a contact may not be more than 3 feet from the transmitter.*

The 5815 includes a built-in cover tamper which is activated when the cover is removed.

MOUNTING

For proper orientation of the unit in relation to the mounting plate, loop wiring, and/or magnet, read all of this section before installing the unit.

The description that follows assumes that the unit will be mounted as shown in the diagrams, with the magnet (if used) located in one of the positions shown in Figure 2. The unit may, however, be installed in *any* direction, as long as the relationship of the unit to its mounting plate and (if used) magnet is maintained.

Although the unit can be mounted directly to a surface, it is recommended that the mounting plate be used, for ease in removing the unit for servicing should it become necessary.

Before mounting the transmitter permanently, conduct Go/No Go tests (see control's instructions) to verify adequate signal strength and reorient or relocate the transmitter if necessary.

1. **Remove the transmitter's top cover** by inserting the flat blade of a small screwdriver into the pry-off slot at one end of the unit (see Fig. 1 for location), and slightly twisting the blade until the cover disengages.
2. **Disengage the attached mounting plate from the case** by inserting the blade of a small screwdriver into the locking tab release window (see Figure 1) and pressing it against the locking tab (also shown in Fig. 1), while sliding the mounting plate upward along the case back until free.
3. **Install the mounting plate,** with its two case-holding posts pointing up (in this example), in the location selected as described in the control panel's installation instructions. Use the flat head screws supplied.

   Note: If a wired contact loop is to be used, with *concealed* wiring, the wire exit hole in the wall should be in the location shown in Figure 1, and no more than 1/4" in diameter.
4. **If a wired contact loop is to be used,** feed *concealed* wiring through the slot in the case back, but do not connect to the terminal block yet. For *surface* wiring entry, two thin "breakout" areas are provided in the case wall.
5. **Attach the case back to the mounting plate** by sliding the keyhole slots in the case back down onto the mounting plate's case holding posts. The locking tab will click as the case back locks in place.
6. **If one of the reed switches in the unit is to be used,** a No. 5899 Magnet (obtain separately) should be mounted adjacent to the reed switch, or adjacent to the top of the case (see Fig. 2).

LOOP WIRING CONNECTIONS (If used)

With the battery still not inserted, connect the contact loop wires to the unit's loop terminals (see Fig. 2).

Caution: Make sure that the bared sections of the loop wires do not short to the reed switch.

The contact loop must use closed circuit devices. The loop response time is a nominal 100mSec.

Note: If the contact loop is not to be used, no connection is needed across the loop terminals.

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