TRANSIT Ultimate

Wiegand Test

If the reader is lighting up and continuity has been established, but nothing is being seen on the panel, it is time for a Wiegand Test.

Step 1. Turn the reader to Test Mode set the 1st 3 switches on SW1 bank of 8 to the "OFF" position.

Step 2. Power Cycle the reader.

CR/LF 8N1, Test protocol. See page 28.	OFF	OFF	OFF

Step 3. Create a short Jumper Wire (2-3 Inches).

Step 4. Land one end of the jumper wire in the "IN-1" termination port this end stays for the duration of the testing.

Step 5. Next connect the other end to the "0-1" location.
When connected, the Input 1 LED should blink if properly sending Wiegand

Step 6. Move the "0-1" location to the "0-2" Location.
When connected, the Input 1 LED should blink 2x and pause and then repeat.

Step 7. Move the "0-2" to the "0-3" location.
When connected, the Input 1 LED should blink 3x and pause and then repeat.

Step 8. If reader functions as stated, the Wiegand is being sent properly. Remove and rewire the D-0 and D-1 Wires

Step 9. Reset the 1st 3 dipswitches to their prior settings and power cycle the reader

If the Wiegand is out in one of the ports, the INPUT 1 LED will stay lit without blinking or not light up @ all. If any of the Wiegand outputs are bad, a new mainboard is needed.
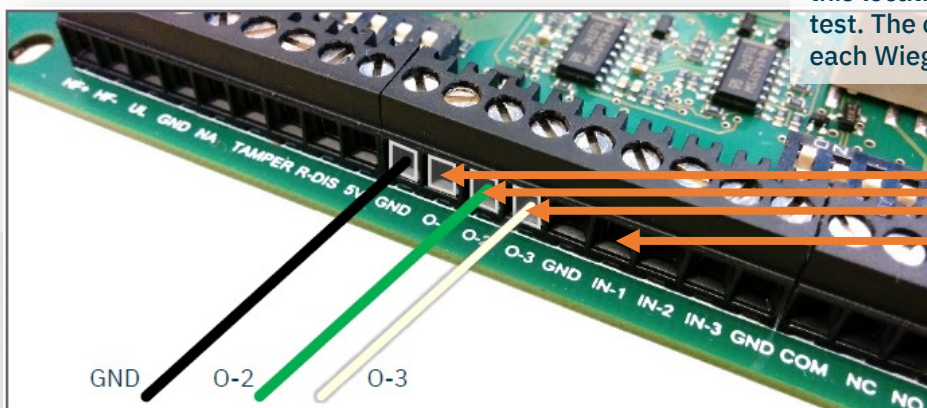
The IN-1 side of the jumper stays in this location for the duration of the test. The other end will move to test each Wiegand output.

GND   O-2   O-3

The input 1 LED Light (located on the Mainboard) will blink if Wiegand is sent in Test Mode.
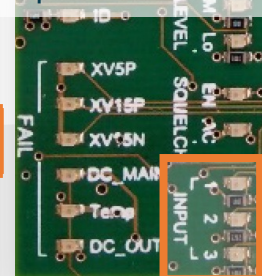
Input LED Lights are found on the mainboard

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