



Touchscreen Setup and Diagnostics

The following procedure should be preformed when:

1. TOUCHSCREEN HAS BEEN REPLACED
2. TOUCHSCREEN IS MALFUNCTIONING

Remove the back cover of the touchscreen cabinet, remove the back panel of the touchscreen exposing the internal circuit boards of the touchscreen. In the right hand corner of the touchscreen is a circuit board with an eight (8) position dip switch.

1. Put switch #7 up to run diagnostics
2. Power Monitor HT down, then back up using the circuit breaker.
3. [VIEW POINT SET UP] will appear.
Touch the "A" prompt, and verify the set up is as follows: (if parameters are different change to correct figures)

- A. [SERIAL]
- WORD LENGTH 8 BITS
 - STOP BITS 2
 - PARITY DISABLED
 - PARITY ODD
 - TOUCH "EXIT"
 - BAUD RATE 9600
 - TOUCH "EXIT"
 - X ON/ X OFF DISABLED
 - D.S.R. ENABLED
 - TOUCH "EXIT"

Touch the "B" prompt and verify the set up as follows:

- B. [VIEW POINT OPTIONS]
- CURSOR ENABLED
 - AUTO CARRIAGE RETURN DISABLED
 - AUTO LINE FEED ENABLED
 - POWER ON SET UP DISABLED
 - TOUCH "EXIT"

Touch the "C" prompt and verify the set up as follows:

- C. [ESCAPE SELECT]
- HEX VALUE "1B-^["
 - TOUCH "EXIT"

Service Bulletin Hall - Continued

Touch the “D” prompt and run through diagnostics of the touchscreen.

D. [DIAGNOSTICS] Depress the number next to the test you wish to run.

- 1) CPUPASS
- 2) PAGEPASS(0-6 SOLID, 7-22 BLINKING)
- 3) DISPLAY DOT ALL DOTS DISPLAYED
- 4) STANDARD SET DISPLAYS ALL STANDARD CHARACTERS
- 5) ALTERNATE SET DISPLAYS ALL ALTERNATE CHARACTERS
- 6) TOUCH TEST ENTIRE PHOTO CELL MATRIX “PASS”
- 7) COMMUNICATIONS WILL NORMALLY FAIL

The communication test must have a loop back connection to work. You must jumper “Tx DATA” to “Rx DATA” and “DATA SET READY” to “CLEAR TO SEND”.

On the touchscreen 's 25 pin data connector, jumper 2 to 3 and 6 to 20. -or- On the Monitor HT at the touchscreen's 10 connector data cable C.P.U. end, jumper 6 to 7 and 9 to 10. Either of these will give the necessary loop back connections.

- 8) EXITTAKES YOU BACK TO [VIEWPOINT SETUP]

E. [EXIT]
TOUCH “EXIT”

This will lock in any changes into the RAM that you have made in the menu selections.

- 4. After test, remove jumpers and reconnect cables to their proper locations.
- 5. Return switch #7 to the down position, and reinstall covers on touchscreen and enclosure.
- 6. Turn power “OFF”, then back on to return to normal operations