



COMPUTERIZED SINGLE CAR TEST DEVICE QUICK START GUIDE

A. Equipment:

1. Computerized Single Car Test Device
2. Power cable for 220 VAC
3. Power cable for 12 VDC
4. Brake Pipe hose assembly
5. Brake Cylinder hose assembly
6. Easy-Mate quick disconnect
7. Dummy Coupling w/quick disconnect
8. Regulator, Gage and Filter Assembly

B. Additional Requirements:

1. **CLEAN, DRY AIR SUPPLY, 100 – 120 psi.**

DO NOT PRESSURIZE UNTIL INSTRUCTED TO DO SO.

2. Power can be supplied from the internal battery, an external 12 VDC source or 220 VAC power. Plugging the unit into 220 VAC power will charge the internal battery, even while the unit is being operated.

C. Initial Set-up:

1. Connect the Brake Pipe Hose, Brake Cylinder Hose, Regulator, Gage and Filter Assembly and Air Supply to the CSCTD.
2. Turn the device on by moving the rocker switch to the "ON" position:

D. Finding the Test You Want:

1. "RUN OEM VERSION?" If you are a new car manufacturer select "YES" otherwise select "NO".
2. The battery status message will display briefly on the screen, if the voltage is below 11.5 volts you will need to do one of the following: 1) Install a freshly charged battery. 2) Plug the unit into a 220 VAC power source. 3) Plug the unit into a 12 VDC power source.
3. "RUN DAILY TEST ON DEVICE – SECTION 2.3" This test must be conducted at least once each day. Select "YES" to conduct the Daily Test. Select "NO" to see more menu options.
4. "RUN STANDARD SINGLE CAR TEST – SECTION 3.0" Select "YES" to conduct the Single Car Test, select "NO" to see more menu selections.

NOTE: REPEATEDLY PRESSING AN INDIVIDUAL KEY ON THE KEYPAD WILL SCROLL THROUGH THE CHARACTERS PRINTED ON THAT KEY.

For more information see Operators Manual, IP-176.

5. "SPECIAL TEST MENU" Select "YES" to select from the following options, select "NO" to see more menu selections.
 - a. MANUAL APPLICATION AND RELEASE TEST
USE FOR SLACK ADJUSTER SET-UP
USE FOR EMPTY / LOAD VALVE SET-UP
 - b. HOLDING BRAKE TEST
 - c. BRAKE CYLINDER PRESSURE TAP LEAKAGE TEST
 - d. BRAKE PIPE LEAKAGE TEST
 - e. SYSTEM LEAKAGE TEST

- f. RULE 88 – 4 HOUR BRAKE CYLINDER LEAKAGE TEST
- g. L-1 EMPTY/LOAD SYSTEM TEST
- h. 1 INCH BALL TEST

6. "RUN ANNUAL TEST ON TEST DEVICE" Select "YES" to conduct annual calibration test on the test device.
7. "PRINT REPORT" Select "YES" to send the data that is stored in memory to an ink jet or dot matrix printer, select "NO" to see more menu selections. Note: you must have a printer attached to the CSCTD.
8. "SEND REPORT TO PC" Select "YES" to send the data that is stored in memory to a host PC, select "NO" to see more menu selections. Note: you must have a host PC attached to the CSCTD.
9. "UTILITY MENU" Select "YES" to select from the following options, select "NO" to see more menu selections.
 - a. RECALIBRATE THE PRESSURE TRANSDUCER
 - b. CLEAR MEMORY
 - c. INITIALIZE MEMORY
 - d. SET DATE & TIME
 - e. SET TEST DEVICE NUMBER
 - f. CHECK BATTERY VOLTAGE AND MEMORY USED
 - g. RUN VALVE TEST
 - h. TEST FLOW METER
 - i. TOGGLE BRAKE WARNING TO "OFF"
 - j. DID THIS CSCTD COME WITH A TEST COUPLING
10. "LOGOFF" Select "YES" to erase your name and current car information from memory, select "NO" to see more menu selections.
11. "SHUT DOWN" Select "YES" to return to the "MAIN MENU" while saving your name and current car information in memory, select "NO" to return to the "MAIN MENU".
PISTON TRAVEL: Limits are set by the operator