**Note:** Some applications require a password. All new testers are shipped with the password set as “WABCO”.

**TRoubleshooting**

�� **Before suspecting there is a problem with the test device:**
- Ensure all steps have been followed as described in the set up procedure.
- Ensure air supply matches the requirements as stated in Item E.
- Ensure all connections are secure.
- Battery is sufficiently charged per Item C.

�� **Problem: Power lights do not come on when battery switch is turned on.**
- **Possible correction:** Shut off battery switch, disconnect external 110 Volt power. Turn on battery switch then connect 110 Volt external power outlet. (see Item C) Also ensure power cable on side of battery box is fully engaged in the receptacle on the battery box.

�� **Problem: Unit indicates low air supply, unable to test.**
- **Possible correction:** Air supply must be maintained at 100 psi or higher. If air is not at this point, tester will indicate failure.

�� **Problem: Display on keyboard doesn't work.**
- **Possible correction:** Wait approximately one minute for display to appear or disconnect keyboard cable at TM unit and reconnect ensuring positive connection and note “click” of connector.

�� **Problem: DC Fault**
- **Possible correction:** Reset battery switch and/or ensure power supply or battery charged.

**Note:** Wabtec provides a manual that covers the air testing and troubleshooting. The ASCTD Single Car Test booklet is available from Wabtec.

**TRAINING**

In accordance with the Federal Railroad Administration, all personnel involved in testing of freight equipment must be certified. See FRA Part 49, 232.203 for training requirements. Wabtec provides training on the use of the automated tester as well as more extensive brake classes. Contact Wabtec Global Service for training and troubleshooting by calling 1-888-264-0011.

Wabtec also provides an Automated Single Car Test booklet similar to the manual single car test booklet. Check the following web site to order copies of the manual.

**To view our training catalog, visit our website at...**
A. Unpack tester and verify that you have received items #1 – 6.

B. Install appropriate fitting to supply air inlet (3/8" NPT Connection) (9).

C. Open access door. Locate the ON/OFF switch on the battery box (7) and toggle to the "ON" position. Close access door. Connect 110 Volt power supply to AC inlet (13). Allow battery to charge for 24 hours before first use. NOTE: Ensure battery switch is in the "ON" position before connecting power supply.

D. Connect keyboard (2) to keyboard cable connection on test device (11). Ensure connector locks in place. Confirm AC battery light (18) on keyboard is illuminated.

E. Blow out air supply line and connect to fitting installed at supply inlet (9). Supply air pressure must not fall below 100 psi-110 psi recommended.

F. Press "ON" button on keyboard. Wait approximately 2 minutes for system to initialize and screen to display time and date.

G. Verify date and time screen. Push "YES" to accept and "NO" to change following prompts on display. Select language of choice.

H. The main menu will appear. Before performing single car testing, a successful daily test must be completed.

I. Select 4, Daily Test from the main menu. Press "YES" to confirm daily test. Select "NO" to test brake cylinder gauge. Follow on-screen prompts. During daily test you will be prompted to connect detachable hoses (3) to hose manifold (8) with end labeled “quick disconnect block”. Hand tighten knobs evenly. Also, attach gladhand adapter (5) to detachable hoses (3) with dummy coupling (6) and attach brake cylinder hose (4) to gladhand adapter (5) and downstream pressure transducer fitting (19) using daily test fitting adapter (12).

J. Once you have successfully passed a daily test press "YES". The tester will shut down and reboot, returning to the time and date screen.

Your Wabtec Automated Single Car Test Device is now ready to perform freight car air brake testing.