

OPERATING INSTRUCTIONS

BRAKE CONTROL TESTER



OPERATION

Step 1

Connect the brake control tester to the brake control.

Step 2

Plug the brake control test box power cord into a 120-volt AC wall outlet.

Step 3

Put the brake control on a level surface. Turn the brake control tester on by pressing the red power button. The button will light up when power is on.

Step 4

If equipped, set the brake control's sync / sensitivity adjustment to its maximum setting.

Step 5

Set the output voltage adjustment of the brake control to half of the displayed bars or 5.0, approximately 50%.

Step 6

Use the brake control's manual control lever to activate the brake control. The output voltage of the brake control will be displayed on the brake control tester's output display. The output display should read approximately 6 volts at 50% output and 12 volts at 100% output, etc. Test at different output levels to confirm proper function of the brake control.

The red brake lamp on the brake control tester will light if the brake control has a brake light activation feature that is enabled.

If the brake control does not activate, or a disconnected notification is displayed on the brake control, check to make sure the black disconnect button on the tester is not activated.

Step 7

Test the brake pedal activation of the brake control by pressing the red brake button on the brake control tester. The output display will register a voltage corresponding to the brake output settings of the brake control and the red brake lamp will light.

Step 8

Test the short circuit / overload protection of the brake control by holding the brake control's manual control lever on and activating the amber short button on the tester. The brake control should indicate a short circuit / overload condition as outlined in its installation and user guide.

Step 9

Test the disconnect notification of the brake control by applying the brake control's manual control lever and pressing the black disconnect button on the tester. The brake control should indicate a disconnect condition as outlined in its installation and user guide.

Note:

Some brake controls, like CURT's Reflex and TriFlex, use dual-axis or triple-axis motion sensing to provide highly responsive and smooth stops. For these accelerometer-based brake controls, the output voltage is proportional to the brake control's set limits based on data input sensed while stopping. If the tow vehicle is parked or stopped with the brakes applied, brake control output to the trailer brakes will be minimal as no stopping forces will be sensed by the brake control.