



# INSTALLATION INSTRUCTIONS

**⚠ WARNING: DO NOT EXCEED PRODUCT RATING OR TOW VEHICLE LAMP LOAD RATING, WHICHEVER IS LOWER**

## 7-WAY BRAKE CONTROL TESTER



### BRAKE CONTROL SYSTEM CHECK

#### Step 1

Plug the brake control tester into the 7-way trailer connector.

#### Step 2

Check the voltage at the 7-way connector:

- A. To check the vehicle battery voltage at the 7-way, set the right switch to the 'battery voltage' position.
- B. To check the trailer brake voltage at the 7-way, set the right switch to the 'brake voltage' position.

#### Step 3

Select the number of axles by using the left switch.

#### Step 4

Perform a function test of the left, right, stop, tail and reverse lights, if applicable.

#### Step 5

Perform a function test of the brakes using the brake control:

Configure the brake control to its maximum gain setting, activate the manual control and verify it is at maximum output.

- A. The tester should show a brake voltage greater than 9V.
- B. The current should read greater than 10A for a 2 axle load or greater than 15A for a 3+ axle load.

### NOTICE: POTENTIAL CAUSES OF FAILURE

#### Cause 1

Incorrect fuse value or open fuse.

#### Cause 2

Incorrect or inadequate wiring of the 7-way or brake control power wire to the vehicle battery.

#### Cause 3

Incorrect or inadequate wiring of the 7-way or brake control ground wire.

#### Cause 4

Corroded, dirty or damaged wiring of the 7-way connector and terminals.

#### Cause 5

Incorrect wiring of 7-way connector wiring and terminals.

#### Cause 6

Defective brake control.