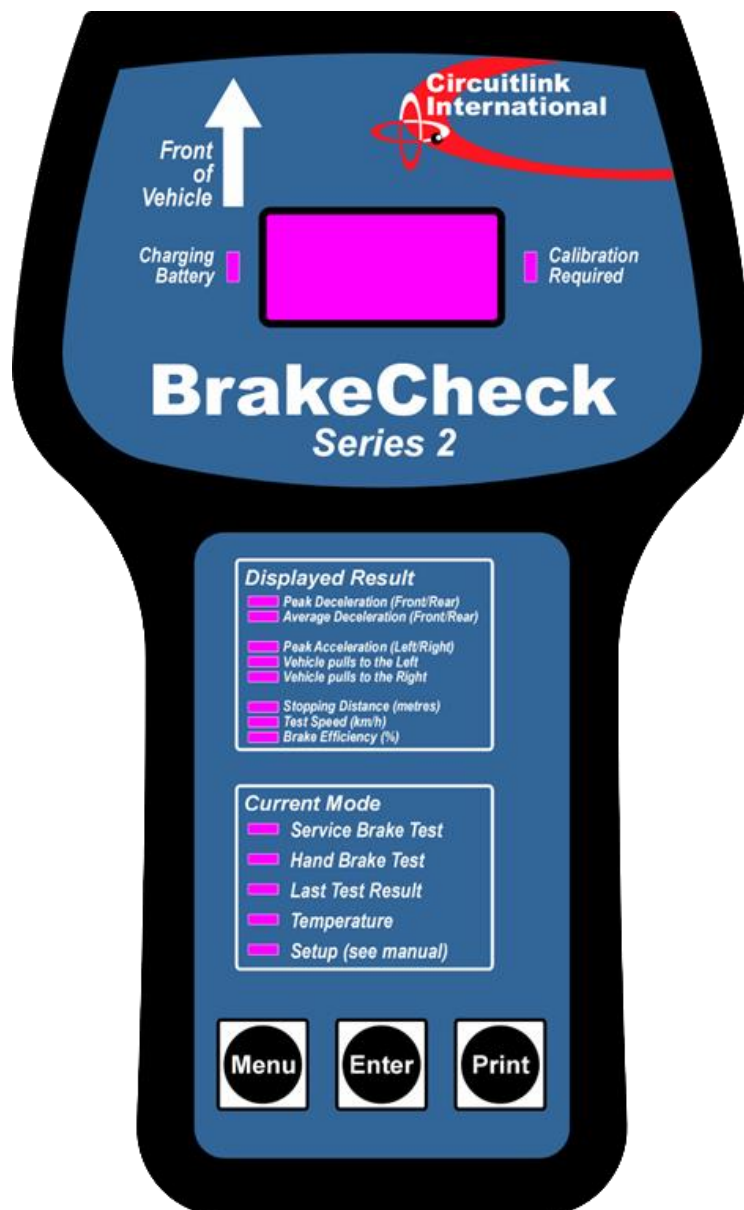




Performing a Brake Test with the Circuitlink BrakeCheck



BrakeCheck Series 2 in Blue.

Preparing for a test

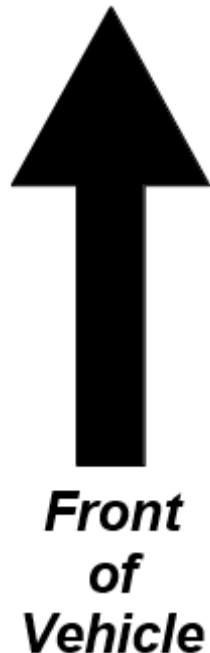
Setting up the BrakeCheck

Ensure the battery is charged sufficiently.

Choose a safe level test area.

The test area should be straight, flat, and long enough to attain the recommended test speed of **30 - 35 kph** and then to stop the vehicle quickly and safely. **Avoid loose and wet surfaces.** Avoid areas where there are other vehicles or people.


Place the BrakeCheck in the vehicle with the arrow pointing in the direction of travel (front of vehicle).




Autotest Servicing NZ recommends placing the unit in the passenger footwell for best results. Ensure the brake check will not move during the test, and there is nothing in the footwell that may slide into it under heavy braking.

To Test the Service Brake:



1. Press  until the Current mode is **Service Brake Test (SBR)**. This is the default mode that is selected when the unit is first powered on.




2. Press  once, the display will indicate whether the unit is level enough to perform the test. Before an accurate test can be performed the display must show:



Do NOT tilt or prop the unit to achieve level. Find a more level vehicle test area and ensure the unit is parallel with the road.



3. Press  once again after levelling, the unit is now ready to perform the test and the display will show:



4. Accelerate the vehicle smoothly to approximately 30-35kph. Without causing the vehicle to skid, apply heavy and consistent pressure to the Service Brake until the vehicle comes to a complete stop as quickly as possible. **You will need to brake harder than what you would for testing with a Tapley meter.**

5. The Test is now complete, move the vehicle off the roadway if necessary.

At the end of the test (*if the unit supports multiple tests*) the unit will show what 'log' number the test was stored in, for example:




This means the test result was stored in log number 36. You will have to remember this if you want to recall this result.

If your BrakeCheck only records a single test, it will display the **Peak Deceleration (front/rear)** result on the display (see below for further details).


Viewing Service Brake Test Results

1. If the unit powers down, and you would like to view the test results, go to the **Service**


Brake Test / Last Test Result mode and press .

Then, (or if the unit did not power down), the **Peak Deceleration (Front/Rear)** LED will be lit and the display will show a value, eg:




2. Press  and the Average Deceleration (Front/Rear) LED will be lit and the display will show a value, eg:




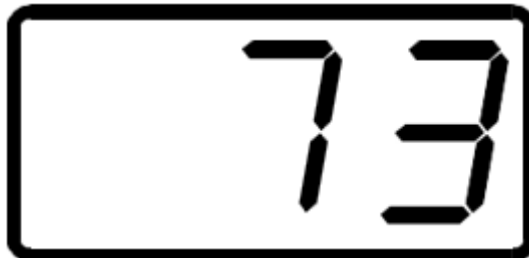
3. Press  again, the **Peak Acceleration (Left/Right)*** LED will be lit and either the **Vehicle pulls to the Left** OR the **Vehicle pulls to the Right** LED will be lit. The display will show a value, eg:




4. Press  again, the **Test Speed (km/h)** LED will be lit and the display will show the approximate value, eg:



5. Press  again, the **Brake Efficiency (%)** LED will be lit and the display will show a value, eg:



The minimum required result for a **pass is 50% or greater.**

6. Press  again, the **Peak Deceleration (Front/Rear)** is displayed again. These results will be retained until the next Service Brake test is performed.

7. Press  to return to **Service Brake Test** mode, to start a new brake test.

*Please note that "Peak Acceleration (Left/Right)" cannot be used to record braking imbalance. This serves as an indication only.