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BrakeCheck

Step-by-Step Operating Guide for Performing Service and Hand Brake Tests

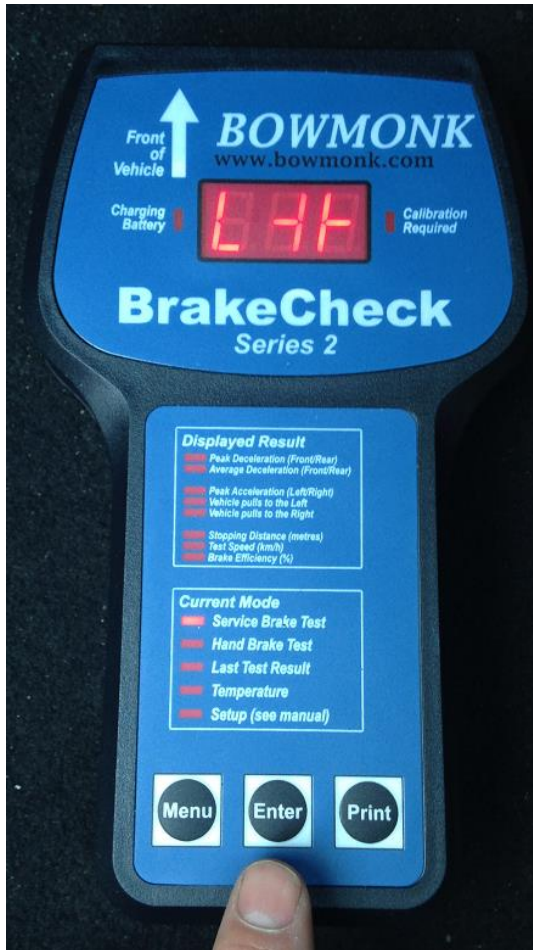


Position the BrakeCheck unit on a level surface, such as the passenger side foot well.

Switch the unit on by pressing and holding the **Menu** button until *Sbr* appears in the display.



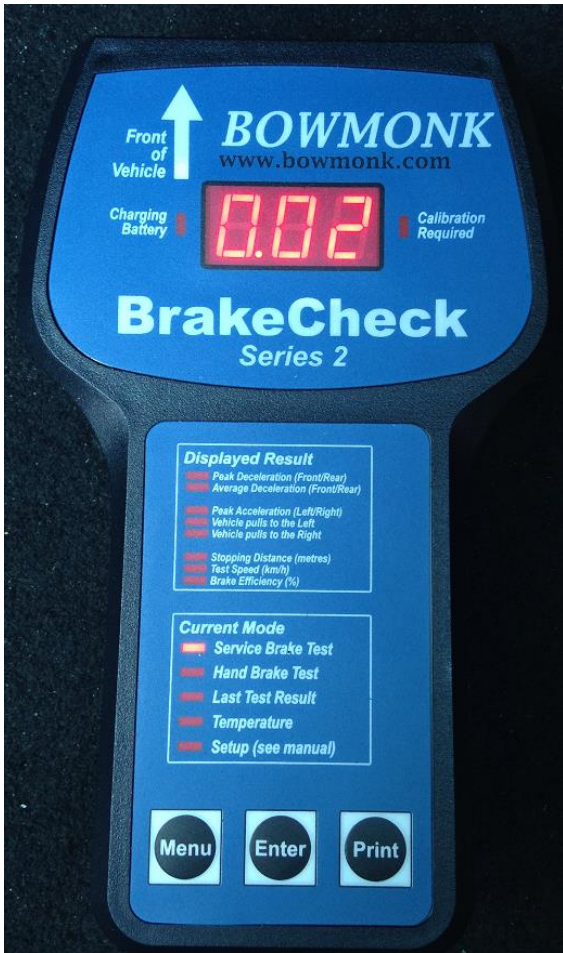
Confirm 'Service Brake' choice by pressing **Enter**.



When the unit is positioned level enough to start the test the following symbol will be shown on the display:



Once the symbol is displayed press **Enter**.



The unit is now ready for the test.

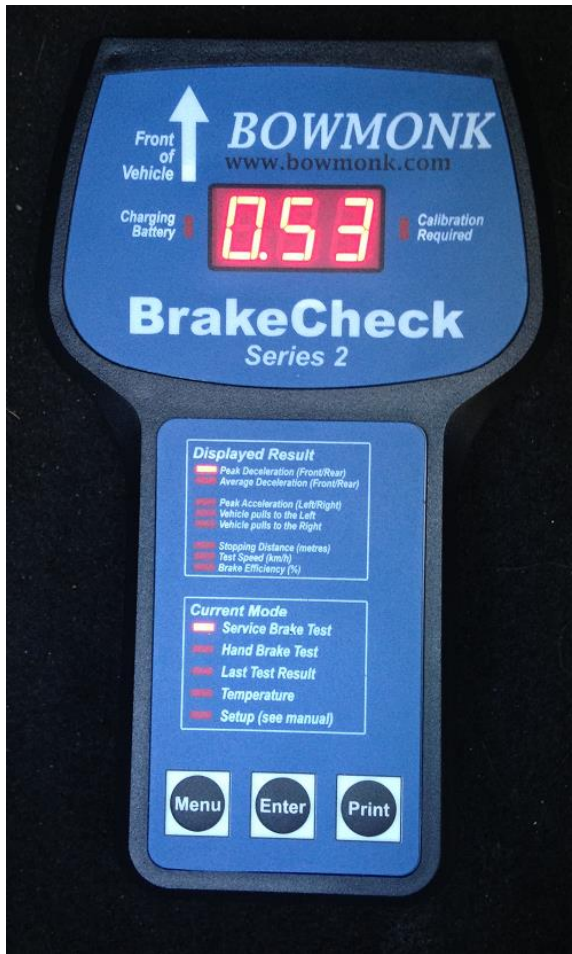


When the test area is clear, accelerate the vehicle to an appropriate test speed (e.g. 20 mph)

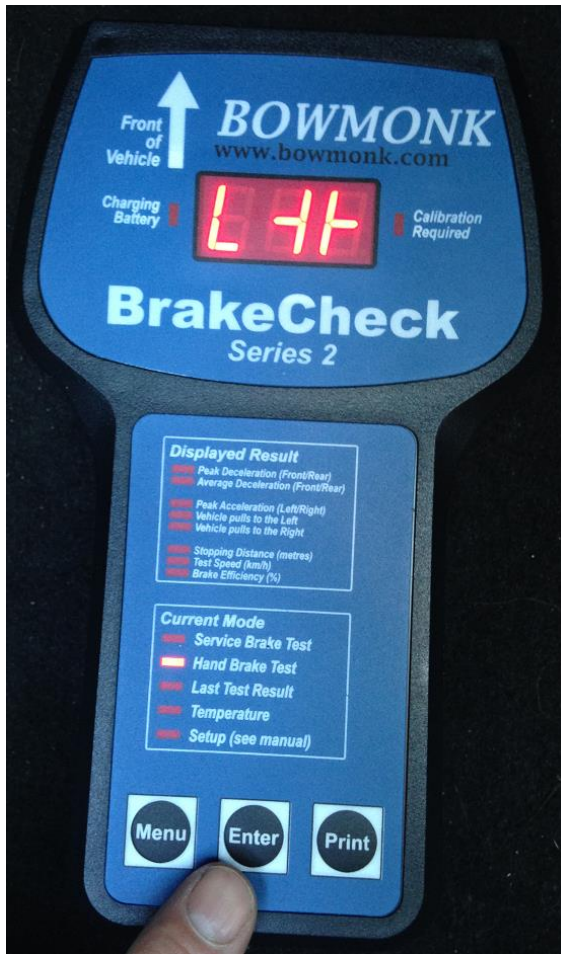


Once the vehicle is travelling at an appropriate test speed, check for traffic approaching from behind.

If safe to do so, apply the footbrake as a controlled emergency stop, without skidding.



Once the vehicle has been brought to a complete stop, the unit will generate and display a braking efficiency value.



Once the Service Brake test is complete, change to Hand Brake mode by pressing the **Menu** button (so that the *Hand Brake Test* LED is illuminated).

As before, confirm this choice by pressing **Enter**, which will take you to the levelling display.

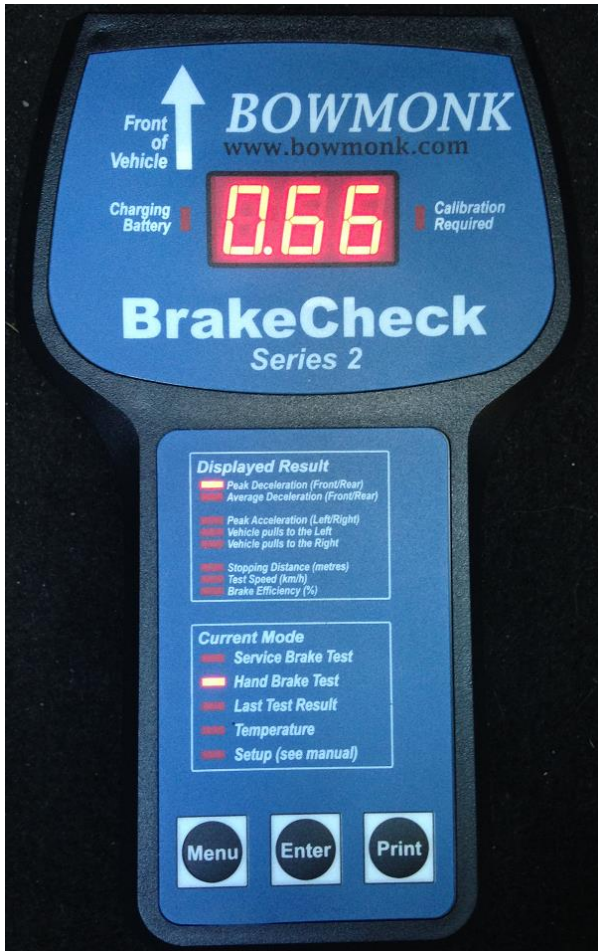
Press **Enter** when the level indicator is shown as pictured.



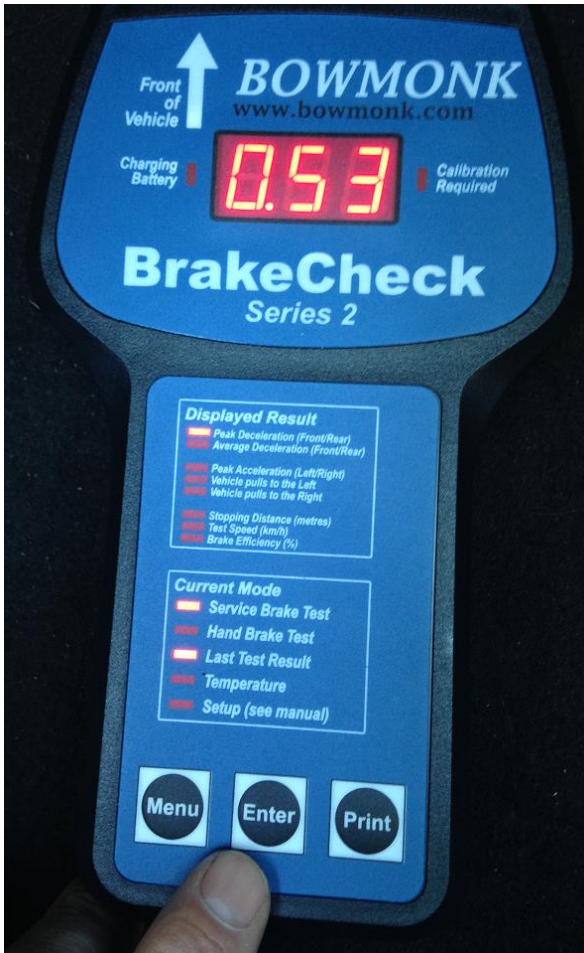
As before, accelerate the vehicle to the test speed, this time applying the Hand Brake to stop the vehicle.



Note – please check with your vehicle manufacturer if this type of procedure is acceptable.

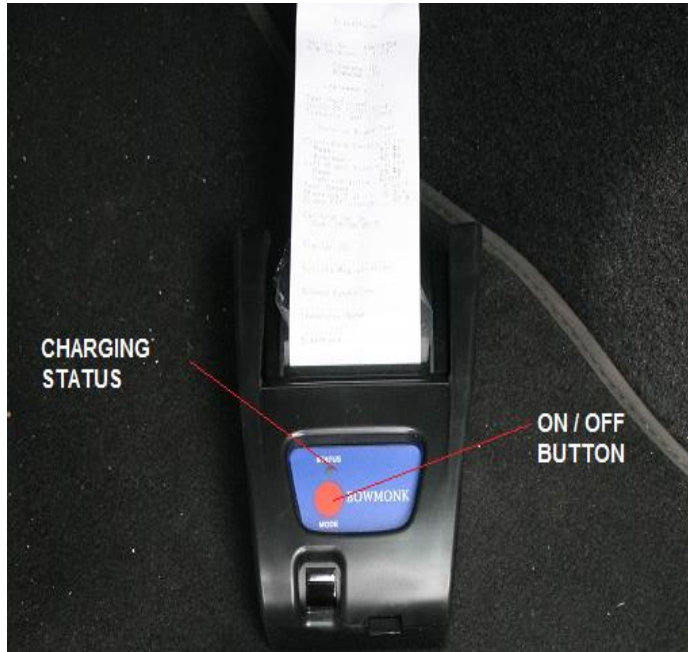


Once the vehicle has come to a complete stop the display will show the braking efficiency of the Hand Brake.

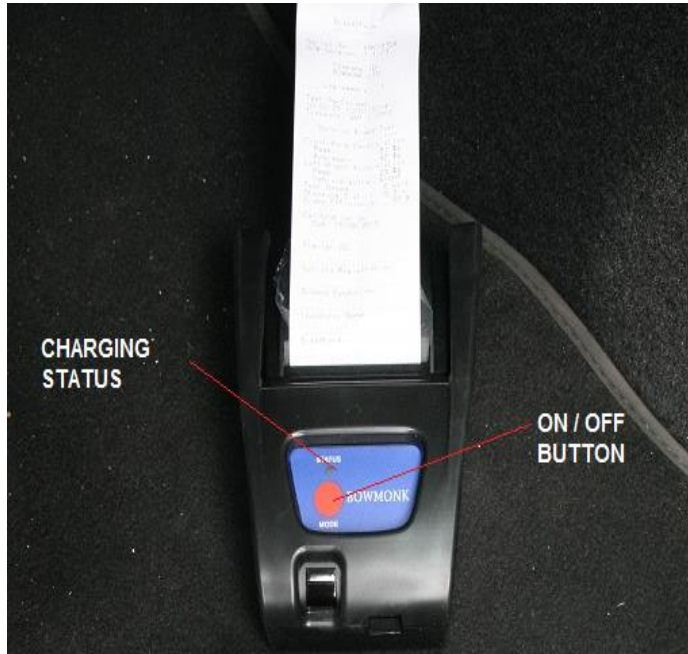


To view the Service Brake test report, press the **Menu** button until the *Last Test Result* and *Service Brake Test* LEDs are illuminated.

Then press **Enter** to display the result, which can now be printed using the optional wireless printer.



With the BrakeCheck unit positioned approximately 2-3 cm in front of the infra-red printer, switch on the printer and press the **Print** button on the BrakeCheck to print the test result.



To view or print the Hand Brake test, carry out the same procedure, but use the **Menu** button to illuminate the *Hand Brake Test* and *Last Test Result* LEDs.

Sample Print-out

BrakeCheck

=====

Serial No: BRK18001
S/W Version: 1.1.13

Company ID:
BOWMONK LTD

← Company Name

Log memory: 1

Test Performed:
13:19:44 09/12/2015
Timezone: GMT (0000)

Service Brake Test

=====

Front-Back Deceleration

Peak: 58 %g
Average: 36 %g

← Peak deceleration corresponds to Peak Brake Efficiency for the UK MOT Test

Left-Right Acceleration

Peak: 1 %g
Vehicle pulls: RIGHT

Test Speed: 16 km/h
Stopping Dist: 2.8 m
Brake Efficiency: 35 %

Percentage of braking imbalance →

← This is an *average* brake efficiency reading (do not use this figure for the UK MOT Test)

Calibration ok
Due: 29/11/2017

.....
Trailer ID

.....
Vehicle Registration

.....
Ground Condition

.....
Inspector Name

.....
Signature