

For Vernier caliper | Quick and simple to use

- Designed to measure the thickness of the brake discs with the wheels still on the vehicle
- Time saver – without needing to removing the wheels or strip the brakes first
- Fits easily to most existing digital Vernier



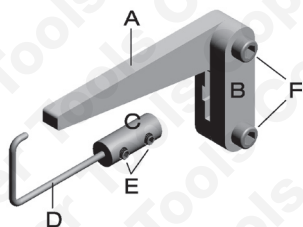
## Brake Disc Measuring Device

Measure brake disc thickness without removing road wheels.

Developed by Laser Tools to allow the user to use a standard digital vernier caliper that is equipped with a depth gauge bar to measure brake disc thickness without removing the road wheels.

Access can be through the cooling slots in the road wheels or from behind the wheel as shown.

### Components:



A	Base Plate Anvil
B	Clamping Plate
C	Offset Measuring Fixture adaptor
D	Offset Measuring Fixture
E	Socket head grub screw (M3)
F	Socket head setscrew (M4)

**Note:** Digital vernier not included

## Instructions for Assembly



Refer to image above:

- Mount components to the vernier gauge.
- Ensure the anvil tip and offset measuring fixture align correctly.
- Don't over tighten any of the holding screws.
- Gauge can be zeroed when offset fixture (D) is slid against base plate anvil (A).

## Instructions for use

### Method A

- 1) Insert the assembled tool through an appropriate wheel ventilation hole or from behind the wheel and latch the tool on to the brake disc ensuring the offset measuring fixture contacts the opposite side of the disc.
- 2) Close the anvil and offset fixture so they grip the disc gently and then zero the vernier.
- 3) Now remove the tool and slide the anvil and offset measuring fixture so they touch and take the reading from the vernier.

**Note:** this reading will be a negative reading but the reading will still equate to the thickness of the disc. Compare the reading to manufacturer's minimum thickness.

### Method B

- 1) Slide the anvil and offset fixture together and zero the vernier
- 2) Fit the tool to the disc as described above.
- 3) Take the reading directly from the vernier whilst holding the tool steady. This is the disc thickness.



**Safety First.** Be Protected.

