

# Citroen/Peugeot rear brake disc installation

The gap between the wheel speed sensor and the sensing ring on a brake disc is very important to the correct operation of the ABS or other steering control systems. Borg & Beck detail what is needed in Citroën/Peugeot models to carry out a successful service and assure that the ABS will still function as intended.

**W**hen installing new rear brake discs to Citroën/Peugeot applications that have an integrated magnetic seal built in, it is important that once a disc has been installed, the ABS Sensor is checked to ensure that it is located correctly. It is not uncommon for rust and corrosion to have affected its position, which could have an effect on the functionality of the sensor readings.

The ABS sensor is designed to deliver accurate and reliable measurement of wheel speed rotation for operation of ABS, ESP and Electronic Traction Control systems. It is vital that the ABS Sensor is in the correct position following the brake disc installation, otherwise, it can result in loss of signal. If the signal is not accurately delivered, the ABS indicator will light up on the dashboard and the system will not work, which is an NCT failure and a risk to safety.

If once a new disc has been installed you can see that the ABS sensor is contacting the magnetic reader, or the gap is not aligned correctly, then the disc and ABS sensor should



**The wheel speed sensors must be aligned with the disc and have a clean, clear gap of 1-2mm (as shown above) to function properly**

be removed, taking care not to damage the ABS sensor. Once removed, clean the rust and corrosion from the ABS sensor seating location. When sufficiently cleaned and correctly seated, with the disc re-installed,

you will be able to see a clear 1-2mm gap.

Below you can see two examples of ABS sensors located in different positions, however the principle remains the same for each position.

## Sensor Alignment

**W**hen replacing any disc, it is strongly recommended that both rear disc hubs are replaced at the same time, to avoid any safety issues. It is also recommended that new Borg & Beck Brake Pads are always fitted.

To avoid damage to the magnetic encoder, keep it away from magnetic fields. The plastic cap protecting the seal should only be removed just before fitment.

**If you require any further information please visit our website or contact the Technical Department on 0044 1869 329 709.**

