

# EASY SOLUTIONS BULLETIN



## WHEEL END BEARINGS WITH ABS SENSORS



**WARNING:**

Please note that this bearing is supplied with an integral Magnetic Impulse Wheel. In order to allow correct operation please ensure that the Impulse Wheel side of the bearing is facing the ABS Impulse Sensor upon fitment.



MOOG's magnetic encoder tool to locate the integrated magnetic abs ring

### Challenge

**Installation of Wheel End Bearings with ABS sensors.** When mounting a Wheel End Bearing with an integrated magnetic ABS sensor the direction of installation is key. A bearing of this type has a magnetic ring to one side of the part and a bearing seal at the other side, occasionally protected by a metal shield. It is important that the magnetic circle is well aligned to the ABS sensor to allow correct functioning of the system. The difference between the two sides is not very visual at first glance. This type of bearing also needs to be handled with caution. The magnetic encoder is dust and scratch sensitive and should be kept clear from any magnetic surface or objects.

### Easy Solutions



additional MOOG label to repeat warning.

As this type of ABS sensor is difficult to identify with the naked eye, **MOOG has developed a warning leaflet** in 16 languages which is being added to the boxes in order **to make the installer aware** of the potential misfitment.

In addition, a label on the protective bag repeats the warning. The warnings will allow installers **to double check the correct installation direction** of the part by using the MOOG magnetic encoder tool. Both packaging improvements will be visible in your new MOOG Wheel End Bearing deliveries soon.

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**MAKE IT EASY. MAKE IT**

