Tech Tip


Generation 1 wheel bearings with integrated ABS tone ring

The front wheel bearings listed all share a unique design feature. They are all double row angular contact with a split inner ring. The distinctive feature on these bearings is that one of the two seals on the bearing has a built in magnetic impulse wheel. Caution should be taken to make sure that the seal with the ABS impulse ring is installed in the correct direction. The side with the impulse ring needs to be installed closest to the ABS sensor. If it is installed backwards, the ABS system will not function.

The side with the ABS ring can be identified either by placing a lightweight metallic object (such as a paper clip) to the magnetic side or by a close visual inspection. The close visual inspection will reveal the ABS impulse ring windows, which can be seen through the seal surface. Care should be used when handling and installing the bearing so that the impulse ring is not damaged. If this occurs the ABS system will not function correctly.

* Check Automotive e-cat online for complete listing by part number (www.vsm.skf.com)