



Proper Sensor Adjustment for Hydraulic ABS

For proper hydraulic ABS operation, all wheel-end sensors must be properly installed and maintained, as follows:

At installation, the sensor must be installed to initially contact the tooth wheel. The center of the sensor must contact the tooth wheel near the center of the tooth wheel, at least 0.12-inch (3 mm) from the edge of the tooth. No gap is allowable at installation.

When adjusting the sensor, push the sensor completely into the sensor spring clip until it contacts the tooth wheel. During normal operation a gap not to exceed 0.04-inch (1 mm) is allowable.

Meritor WABCO specifications call for a mineral oil-based lubricant for the sensor spring clip and sensor that contains molydisulfide. It should have excellent anti-corrosion and adhesion characteristics and be capable of continuous function in a temperature range of -40° to 300° F (-40° to 150° C).

For complete Hydraulic ABS troubleshooting and maintenance information, please refer to Maintenance Manual 38, *C-version Hydraulic ABS*, or Maintenance Manual 39, *D-version Hydraulic ABS*. To order a maintenance manual, call ArvinMeritor's Customer Service Center at 800-535-5560 or go on-line at www.arvinmeritor.com and download a copy from our technical library.

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