

Produktlinie Fahrerassistenzsysteme

Description of the Changes to the Sensor from ARS 2-A to ARS 2-B

June 6, 2003

1) Sensor RF Part

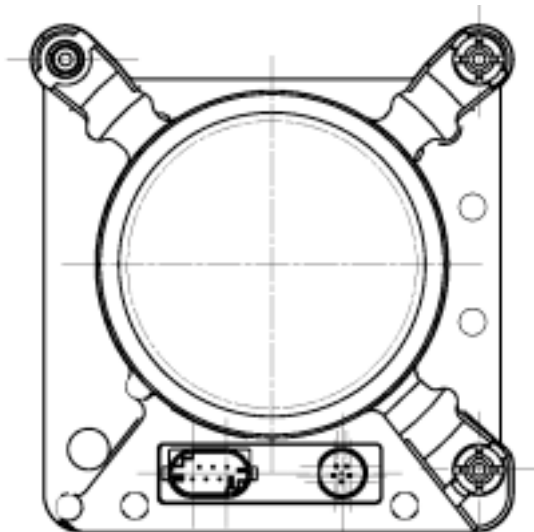
No change

2) Sensor Mechanics

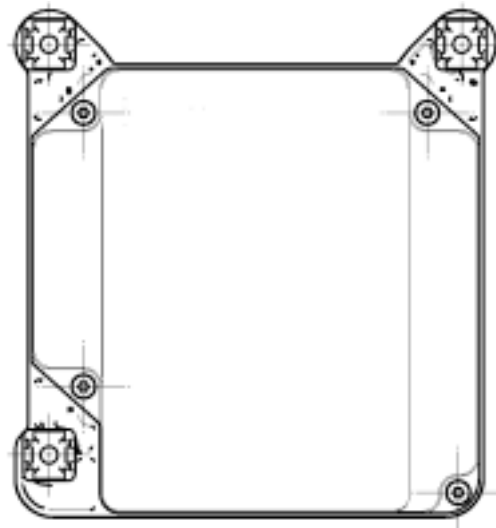
Fixing points

Fixing points of the housing changed the position (see pictures below)

ARS 2-A and ARS 2-C front view

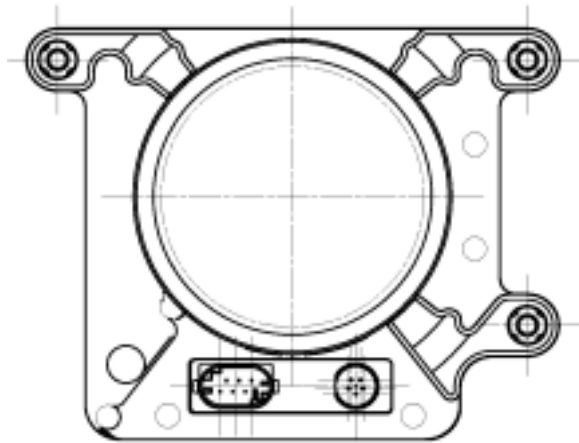


ARS 2-A and ARS 2-C rear view

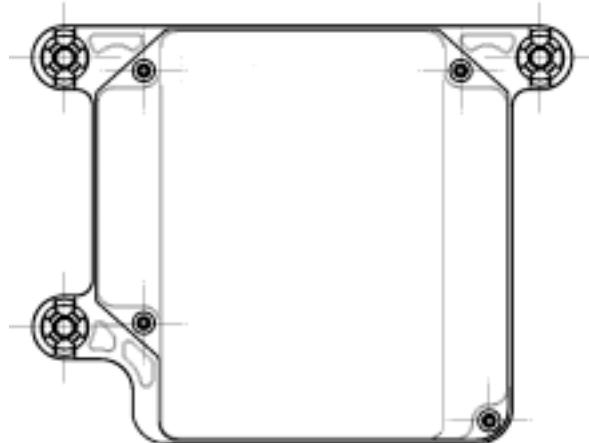


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ARS 2-B front view



ARS 2-B rear view



3) Sensor PCB

Yaw rate sensor

A circuit to check the yaw rate of the car had been added to the PCB. The circuit comprises the yaw rate sensor (X202), voltage supply (R241; C240) for the yaw rate sensor, an RC-Filter to smooth the yaw rate signal (R240, R243, R244, R246; C241, C242, C245) and a low power operational amplifier (I241; R247, R248, R249; C244) to amplify the DC voltage signal.