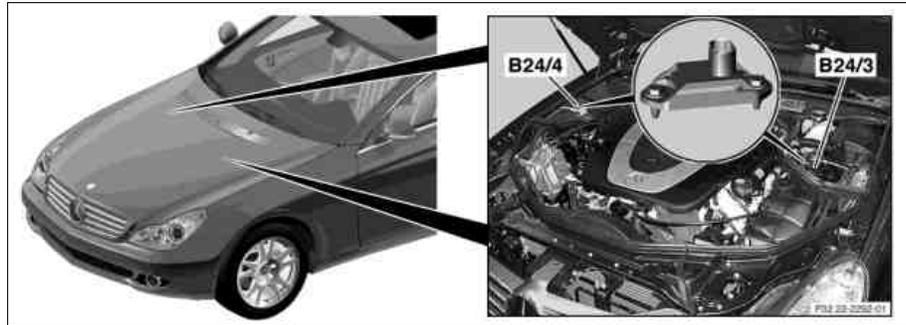


MODEL 219.3

Front acceleration sensors

B24/3 Left front body lateral acceleration sensor

B24/4 Right front body lateral acceleration sensor

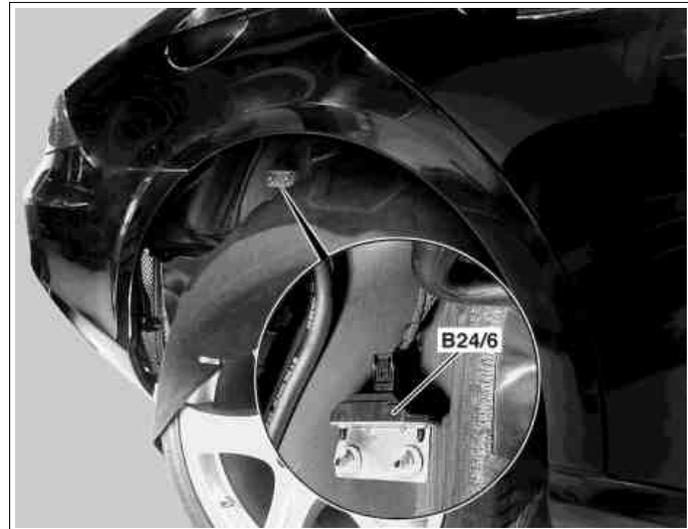


P32.22-2291-04

Rear acceleration sensor

B24/6 Right rear body lateral acceleration sensor

The right rear body lateral acceleration sensor (B24/6) is located in the right rear wheelhouse behind the fender liner.

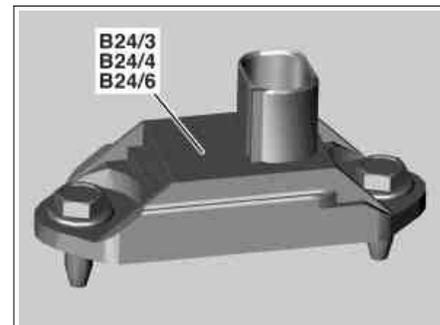


P32.31-2046-11

B24/3 Left front body lateral acceleration sensor

B24/4 Right front body lateral acceleration sensor

B24/6 Right rear body lateral acceleration sensor



P32.22-2293-01

Task

The three acceleration sensors are used for measuring the vertical acceleration of the vehicle body. They detect the vertical body acceleration and pass signals to the AIRmatic with ADS control unit (N51).

Design

The body acceleration sensors consist of an electronic oscillation module (operating principle same as spring/mass system).