

ERROR DUE TO A DEFECTIVE ABS CONTROL MODULE

Further information available at www.autoteile.de



In case of a circuit fault the control unit cannot distinguish whether the error is within or outside of the control device. In the case of a signal plausibility error, the cause lies in the signal detection and as a rule always describes the constellation sensor and signal generator (wheel bearings). In this case, error messages are issued and the indicator lamp lights up as before, even though the sensor has already been renewed.

The Test:

Replace the left and right ABS sensors with each other. If the error is still displayed on the same side, the cause may be a cable break or a fault in the control unit.



The following error messages

- ✗ Error code 30: Sensor rear left defective/interruption (circuit fault)
- ✗ Error code 31: Sensor rear right defective/interruption (circuit fault)
- ✗ Sensor rear left no/wrong signal (signal plausibility error)
- ✗ Sensor rear right no/wrong signal (signal plausibility error)
- ✗ No communication with the control unit

indicate the possibility of a defective ABS control unit.



If e.g. V20-72-0430 was replaced, but the fault still appears, the fault is probably due to the control unit.

BMW E39

X-Ref: 34 52 1 182 160

V20-72-0430