

# febi 183819



To fit: Mercedes-Benz A-Class (169),  
B-Class (245)



## Driveshaft

### Problem

Loss of drive. The car remains immobilised with gear selected and engine revs increase when the accelerator is pressed.

Warning lamp illuminated, with the following fault codes stored in the automatic transmission control unit:

0723 Output shaft speed sensor: Rotational speed Signal improbable

2732 CVT transmission: Forward gear solenoid valve impermissible opening

### Cause

This fault initially suggests an internal mechatronics issue, potentially involving damage to one of the solenoid valves, or a faulty oil pump, heavily contaminated gearbox oil and a blocked filter, or even a failure within the unit itself.

However, this fault may be due to a mechanical issue: a broken right driveshaft. The splines within the outer constant velocity joint have worn, resulting in it being unable to transfer motion to the wheels - the driveshaft rotates but the bearing does not.

### Solution

Raise the vehicle and check if the driveshaft rotates by hand and drives the wheel. If not, remove the protective rubber boot from the outer CV joint and confirm the diagnosis. Replace the worn driveshaft, check the service history of the transmission and replace the oil and filter if required. Reset any fault codes using a suitable diagnostic tool and road test.



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