

## Diesel particulate filter: reading out oil ash deposit volume



### Note

Engines affected: see Maintenance tables.

### Engine-specific critical values for ash in DPF

Engine	Engine code	Measured values/measured value blocks	Critical value
2.0 ltr. TDI unit injector	BRE BRF BVG	Measured value block 68/zone 2	Oil ash deposit mass: 60 g
2.0 ltr. TDI common rail	CAGB CAHA CAHB	Particulate filter, oil ash deposit volume	Oil ash deposit volume: 175 ml (0.175 ltr.)
2.7 ltr. TDI common rail 3.0 ltr. TDI common rail	ASB BMK BNG BPP BSG	Measured value block 104/zone 1	Oil ash deposit volume: 460 ml (0.46 ltr.)
2.7 ltr. TDI common rail 3.0 ltr. TDI common rail	CANA CANB CANC CAND CDYA CDYB CDYC	Measured value block 104/zone 1	Oil ash deposit volume: 360 ml (0.36 ltr.)

Reading out ash deposit volume using VAS PC → [Chapter](#)

Reading out ash deposit volume using ODIS → [Chapter](#)

### Reading out ash deposit volume using VAS PC

- Connect vehicle diagnostic tester → [Chapter](#).
- Carry out the following steps on the diagnostic tester:
  - ♦ Guided Functions
  - ♦ Brand and model
  - ♦ Functions
  - ♦ Engine electronics
  - ♦ Read measured values.
- Select desired measured value (see table) by selecting Read.
- Check measured values → [Anchor](#) and continue to follow instructions on screen.



### Note

If the measured value is less than the engine-specific critical value, the vehicle can be driven for a further 30,000 km (19,000 miles).

**Caution**

***If the measured value is greater than or equal to the engine-specific critical value, the diesel particulate filter must be renewed and the measured value set to 0.***

## Reading out ash deposit volume using ODIS

- Connect vehicle diagnostic tester → **Chapter**.
- Select Diagnosis mode and begin diagnosis.
- Perform vehicle identification.
- De-select “Working with Guided Fault Finding” by removing v and press Transfer.
- Continue to follow instructions on screen.
- Select Control units tab.
- Select control unit “01 — Engine electronics” and carry out following functions via right mouse button:
  - ◆ Identify control unit
  - ◆ Guided Functions
  - ◆ 01 - Read measured values
- Select desired measured value (see table) by entering v.
- Check measured values → **Anchor** and follow instructions on screen.

**Note**

*If the measured value is less than the engine-specific critical value, the vehicle can be driven for a further 30,000 km (19,000 miles).*

**Caution**

***If the measured value is greater than or equal to the engine-specific critical value, the diesel particulate filter must be renewed and the measured value set to 0.***