


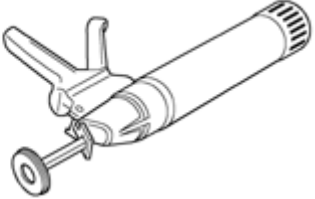




<p>V.A.G 1331</p> 	<p>V.A.G 1551</p> 
<p>V.A.G 1551/3 A</p> 	<p>V.A.G 1628</p> 
<p>W39-0228</p>	

## Oil in **Haldex** → clutch, checking level or changing

### Special tools and equipment required

- ◆ VAG1331 Torque wrench
- ◆ VAG1551 Scan Tool (ST)
- ◆ VAG1551/3A Adapter
- ◆ VAG1628 Hand pressure gun
- ◆ Heavy duty oil for ← **Haldex** → clutch

Amount: 0.25 L

Part number: G 052 175 A1



## Oil level in **Haldex** clutch, checking

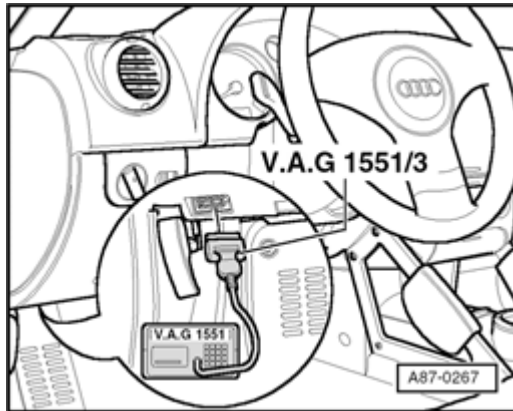
- Switch ignition off.
- Connect vehicle diagnostic, measuring and information system VAS5051 using diagnostic cable VAS5051/1. Alternatively, VAG1551 Scan Tool (ST) can be connected using diagnostic cable VAG1551/3.

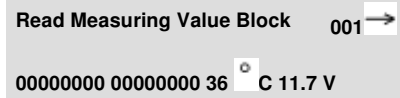
### **Note:**

The Data Link Connector (DLC) is located in the knee bar, front left.

### **WARNING!**

- ◆ **During measurement and test drives, measuring and information system VAS 5051 or VAG1551 must always be fastened to and operated from the rear seat.**
- ◆ **Observe safety measures** ⇒ [Page 01-1](#) .
- Select address word 22 for "AWD Electronics" with ignition switched on.
- Press buttons -0- and -8- to select "Read Measuring Value Block" function 08 and select display group number 002.





If the temperature is not displayed:

- Select display group number 001.

➤ Indicated on display

The third display field displays the oil temperature.

- Oil temperature must be 20-40 ° C
- Oil temperature can be reached via a warm-up drive.

➤ - Unscrew oil filler plug (arrow).

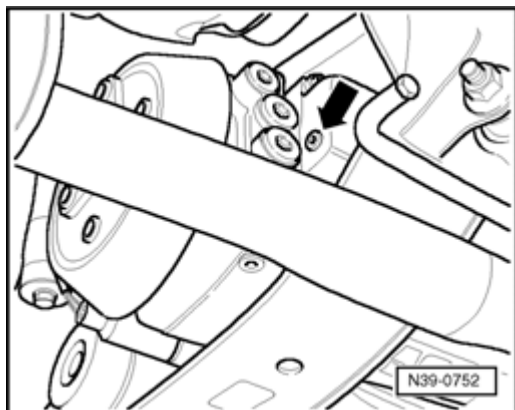
Oil level is correct when ← Haldex → clutch is filled to lower edge of checking hole or a minimum of approx. 3 mm below lower edge of checking hole.

If the oil level is not correct:

- Change ← Haldex → clutch oil ⇒ [Page 39-74](#) .
- Install oil filler plug (arrow).

### Tightening torque

Component	Nm
Oil filler plug	30





↔ **Haldex** ↔ clutch, changing oil

- Switch ignition off.



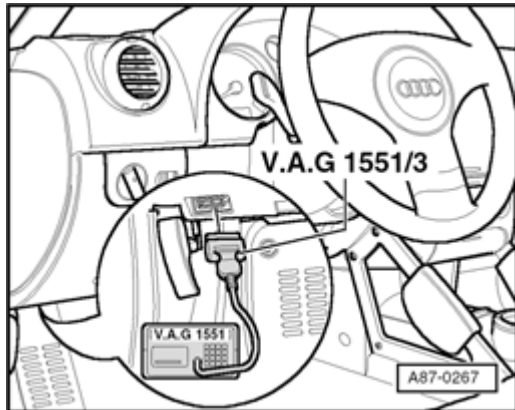
- Connect vehicle diagnostic, measuring and information system VAS5051 using diagnostic cable VAS5051/1. Alternatively, VAG1551 Scan Tool (ST) can be connected using diagnostic cable VAG1551/3.

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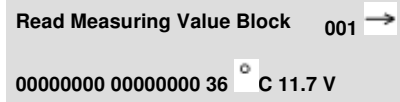




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If the temperature is not displayed:

- Select display group number 001.



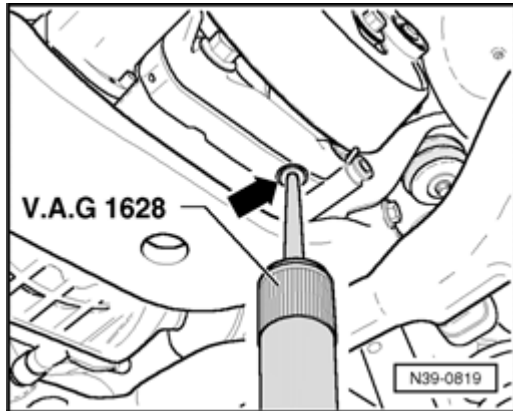
Indicated on display

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- Oil temperature must be 20-40 ° C
- Oil temperature can be reached via a warm-up drive.



- Place drip tray underneath.
- Remove oil drain plug -1- from bottom of housing and drain oil completely.
- Insert 0.25 liter oil cartridge into VAG1628 hand pressure gun.
- Have drain plug with new sealing ring ready.



A

- Insert 1628 hand pressure gun vertically into drain hole (arrow).
- Completely pump oil into ← Haldex → clutch.
- Remove VAG1628 hand pressure gun and immediately thread in drain plug with new sealing washer.

#### Tightening torques

Component	Nm
Oil drain plug	15



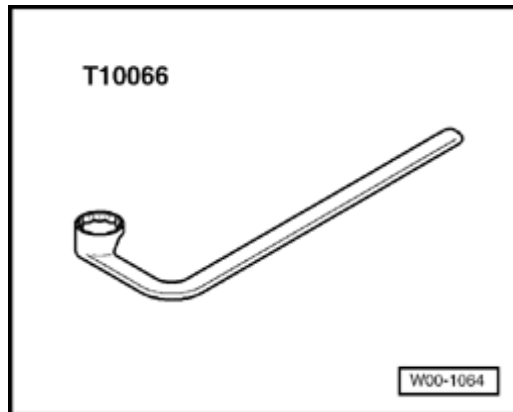
## ↔ Haldex ↔ clutch oil filter, replacing

### Special tools and equipment

- ▲ ◆ T10066 key

### Removing

- Place drip tray underneath.



- ▲ - Use T10066 key to loosen and unscrew oil filter.

Installed position: Oil filter -A- is located on right side of vehicle, concealed by auxiliary frame, near front mounting bracket -B-.

### Installing

- Lightly coat seal of new oil filter with oil for ↔ Haldex ↔ clutch.
- Screw in oil filter -A- and tighten with T10066.
- Check oil level in ↔ Haldex ↔ clutch ⇒ [Page 39-72](#) , replace oil in the ↔ Haldex ↔ clutch if necessary ⇒ [Page 39-74](#) .

