

AR54.10-P-1129-01A	Check battery		
<b>⚠ Danger !</b>	<b>Risk of explosion</b> from explosive gas. <b>Risk of poisoning and caustic burns</b> from swallowing battery electrolyte. <b>Risk of injury</b> through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries	No fires, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and glasses. Only pour battery acid into suitable and appropriately marked containers.	AS54.10-Z-0001-01A

- MODEL 117, 124, 126, 129, 140, 156, 163, 164, 166, 168, 169, 170, 171, 172, 176, 199, 201, 202, 203, 204, 207, 208, 209, 210, 211, 212, 215, 216, 218, 219, 220, 221, 230, 231, 240, 242, 245, 246, 251, 451, 453, 461, 463**
- MODEL 190**  
without CODE U98 (LITHIUM-IONEN-STARTERBATTERIE (LISB))
- MODEL 197**  
without CODE P98 (Black Series)
- MODEL 205**  
without CODE P25 (BlueEFFICIENCY Edition)  
without CODE U98 (LITHIUM-IONEN-STARTERBATTERIE (LISB))
- MODEL 217 (except 217.37)**
- MODEL 222 (except 222.07)**

**⚠** Do not connect the tester to the jump start or charging terminal point; always connect it directly to the battery. Otherwise the test result may be incorrect.

**⚠** All test steps and entries must be conducted painstakingly. Otherwise the test result may be incorrect.

**i** Whenever possible, perform the tests with the battery still installed and connected.

Test prerequisites:

- Ignition off
- Interior and exterior lights switched off
- Audio components (e.g. radio) switched off
- Good contact of the tester on the battery

**i** If the message "Surface voltage detected" is displayed during the test, the tester has detected that the battery voltage is apparently too high. This increased voltage can be reduced as follows:

- Battery installed: Decrease increased voltage as per the specifications of the tester (e.g. switch on driving lights).
- Battery removed: reduce increased voltage using a suitable volt/amp(s) tester (load battery for approx. 60 s with 20 A to 30 A amps).

1

Connect tester to battery.

Battery tester [gotis://E\\_15/54\\_02.0](https://www.gotis.com/E_15/54_02.0)

**i** Once the tester has been connected the currently measured battery voltage is displayed.

During the test procedure the tester detects a so-called "System static". In this instance, check whether all consumers are switched off and wait approx. 2 minutes until the quiescent current is minimized and the bus systems are shut down.

2

Conduct test procedure to match the tester menu navigation.

3

After the test print out the test code displayed and store it safely in a tamperproof manner.