

Kanaad AUTOCHECK-1 Multi Functional Auto Check Meter



Kanaad AUTOCHECK-1 Multi Functional Auto Check Meter User Manual

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Kanaad

Kanaad AUTOCHECK-1 Multi Functional Auto Check Meter



Product Information

Specifications:

- Multi-functional auto-check battery health meter
- Real-world battery testing capabilities
- Leakage current detection feature
- Alternator/Rectifier health check

Product Usage Instructions

Battery Health Check:

1. Locate the switch on the smart tester for smart check mode.
2. Connect the positive clip of the tester to the positive terminal of the battery.
3. Connect the negative clip of the tester to the negative terminal of the battery.
4. Turn on the vehicle ignition by pressing the start switch.
5. Check the Battery Health Indicator for results:
 - **GOOD:** Battery Health OK – Battery in good condition.
 - **WEAK:** Battery Health Weak – Battery may need charging or replacement.
 - **BAD:** Battery Health Bad – Battery needs replacement.

Alternator/Rectifier Check:

1. Follow steps 1-4 from the Battery Health Check instructions above.
2. Start your bike and accelerate to full throttle.

3. Check the Charging Volt Indicator for results:
 - **HI:** Overcharging battery, potential damage.
 - **OK:** Normal charging, system in good condition.
 - **LOW:** Undercharging, may lead to battery failure.

Leakage Current Check:

1. Turn off the vehicle and remove the key from the ignition.
2. Locate the battery in the engine compartment.
3. Disconnect the negative cable from the battery terminal.
4. Connect the Auto Check Meter as instructed for Leakage Check mode.
5. Take a reading; it should be zero or close to zero. Higher readings indicate parasitic draw.
6. If needed, troubleshoot by removing fuses to identify the source of the draw.

Frequently Asked Questions (FAQ)

• **Q: How often should I perform a battery health check?**

A: It is recommended to check your battery health every 3-6 months, especially before long trips or extreme weather conditions.

• **Q: Can I use the Auto Check Meter on different types of vehicles?**

A: The Auto Check Meter is designed for automotive batteries and systems, ensuring compatibility with most standard vehicles.

Battery health check

Test your battery under real-world conditions. test your battery's strength and get back on the road with confidence.

1. Locate the switch on the smart tester that allows you to put it on smart check mode.
2. Connect the positive clip of the tester to the positive terminal of the battery.
3. Connect the negative clip of the tester to the negative terminal of the battery.
4. Turn on the vehicle ignition by pressing the start switch.
5. Look at the result displayed on the Battery health indicator.

The result will show one of the following:

Battery Health	Meaning
GOOD	"Battery Health OK" means that the battery is in good condition.
WEAK	"Battery Health Weak" means that the battery is weak and may need to be charged or replaced.
BAD	"Battery Health Bad" means that the battery is in bad condition and needs to be replaced.

Note that battery test results may vary depending on factors such as the age of the battery, the usage pattern,

Alternator/Rectifier check

Check your rectifier and avoid overcharging or undercharging.”

1. Locate the switch on the smart tester that allows you to put it on smart check mode.
2. Connect the positive clip of the tester to the positive terminal of the battery.
3. Connect the negative clip of the tester to the negative terminal of the battery.
4. Turn on the vehicle ignition by pressing the start switch.
5. Start your bike and accelerate it to full throttle.

Look at the result displayed on the Charging volt indicator.

The result will show one of the following:

Charging volts	Meaning
HI	Overcharging the battery, which may lead to battery damage or failure
OK	The battery is charging normally and the alternator/rectifier is in good condition
LOW	Undercharging battery, which may cause the battery to not fully charge and eventually fail

Note that these results may vary depending on the type of rectifier and charging system being used. It's always best to refer to the manufacturer's instructions or consult a qualified mechanic if you're unsure about the results of a rectifier test.

Leakage current check

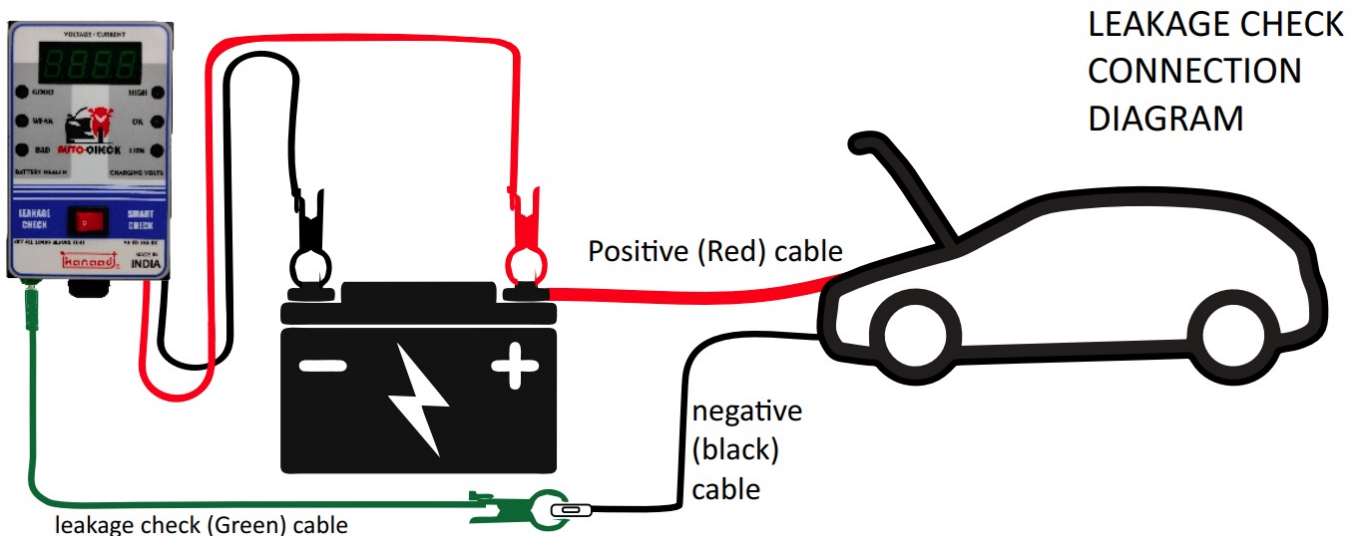
“Avoid unexpected breakdowns: Detect and fix leakage currents before they drain your battery.” Car Battery Leakage Test Procedure

1. Turn off the vehicle and remove the key from the ignition.
2. Locate the battery in the engine compartment. The battery is usually a rectangular-shaped box with two cables connected to it.
3. Disconnect the negative (black) cable from the battery terminal. This will prevent any current from flowing through the system during the test.
4. Connect the black CLIP of the Auto Check Meter to the negative terminal of the battery and the GREEN CLIP to the negative cable that you just removed.
5. Put the Auto Check Meter switch in Leakage check mode.
6. Connect the red clip of the Auto Check Meter to the positive terminal of the battery to turn on the Auto Check Meter.
7. Wait for the meter to stabilize and take a reading. The reading should be zero or close to zero. If the reading is higher than normal, there may be a parasitic draw on the battery.
8. To locate the source of the parasitic draw, start by removing one fuse at a time and observing the meter reading. When the reading drops, you have identified the circuit that is causing the parasitic draw.
9. If you are unable to locate the source of the parasitic draw, you may need to seek professional assistance.
10. When you are done, turn off the Auto Check Meter, reconnect the negative cable to the battery terminal, and start the vehicle.

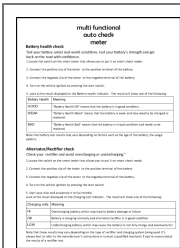
Bike Battery Leakage Test Procedure

1. Turn off the motorcycle and remove the key from the ignition.
2. Locate the battery, which is usually located under the seat or behind a side panel.
3. Disconnect the negative (black) cable from the battery terminal. This will prevent any current from flowing through the system during the test.
4. Connect the black CLIP of the Auto Check Meter to the negative terminal of the battery and the GREEN CLIP to the negative cable that you just removed. Put the Auto Check Meter switch in Leakage check mode.
5. Connect the red clip of the Auto Check Meter to the positive terminal of the battery to turn on the Auto Check Meter.
6. Wait for the meter to stabilize and take a reading. The reading should be zero or close to zero. If the reading is higher than normal, there may be a parasitic draw on the battery.
7. To locate the source of the parasitic draw, start by removing one fuse at a time and observing the meter reading. When the reading drops, you have identified the circuit that is causing the parasitic draw.
8. If you are unable to locate the source of the parasitic draw, you may need to seek professional assistance.
9. When you are done, turn off the Auto Check Meter, reconnect the negative cable to the battery terminal, and start the motorcycle.

In general, a battery leakage current of a few milliamps (typically less than 50 milliamps) is considered normal in most vehicles. However, if the leakage current exceeds this amount, it could indicate a problem with the vehicle's electrical system, which can drain the battery over time.



Documents / Resources



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AUTOCHECK-1 Multi Functional Auto Check Meter, AUTOCHECK-1, Multi Functional Auto Chec
k Meter, Auto Check Meter, Check Meter, Meter

References

- [User Manual](#)

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