

COACH MODEL

Any

DATE

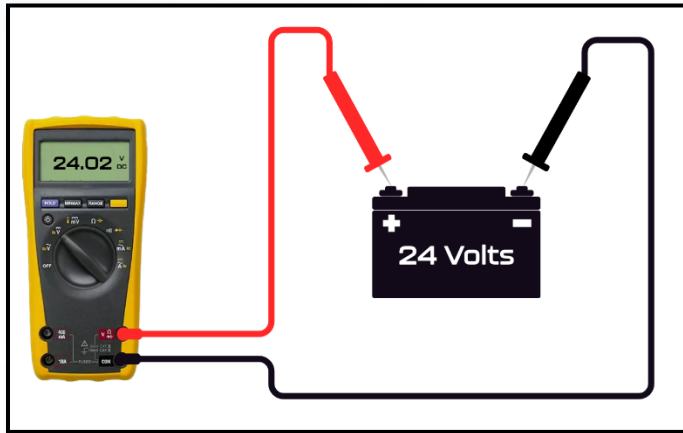
10.15.2025

SUBJECT

Understanding Your Multimeter Tool

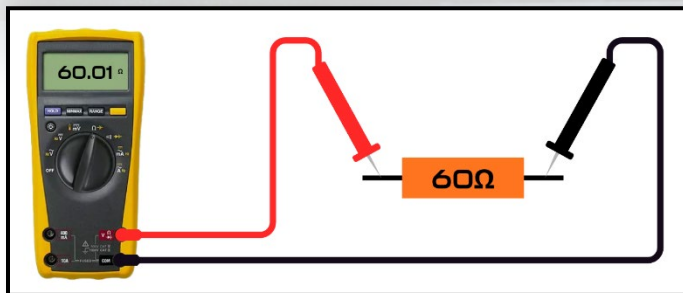
How to Measure Voltage

1. **Connect** the **red lead** to the **V-plug** and the black lead to the **COM** plug.
2. **Set** the multimeter to the correct “voltage” setting (**DC=V** ; **AC=V**).
3. **Touch** the probes to the positive and negative sides of what is being measured (**red lead** for **positive**; black lead for negative).



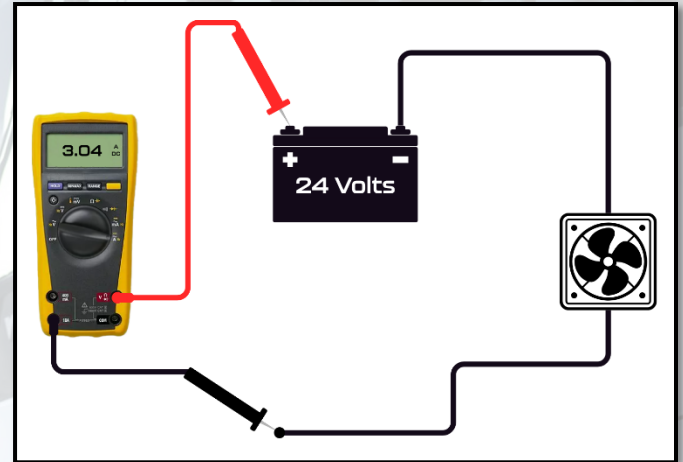
How to Measure Resistance

1. **Connect** the **red lead** to the **Ω-plug** and the black lead to the **COM** plug.
2. **Set** the multimeter to the “resistance” setting denoted by an ohm symbol (**Ω**).
3. **Touch** the probes to the positive and negative sides of what is being measured (**red lead** for **positive**; black lead for negative).



How to Measure Current

1. **Connect** the **red lead** to the **10A plug** and the black lead to the **COM** plug.
2. **Set** the meter to the correct “amperage” setting (**A**, **10A**, **mA**, or **uA**).
3. **Disconnect** the circuit. Then, **connect** the probes to both ends of the circuit to allow electricity to flow through the multimeter.



How to Test for Continuity

1. **Connect** the **red lead** to the **V-plug** and the black lead to the **COM** plug.
2. **Set** the multimeter to the “continuity testing” setting denoted by a sound wave symbol (🔊).
3. **Touch** the probes to both ends of the circuit that is being checked.
4. If the multimeter **emits** a beep/buzzer sound, then the conductive path is **intact**. If the multimeter **does not emit** a beep/buzzer sound, then the conductive path is **broken**.

