



Mercedes W114/W115 Cluster Clock replacement and troubleshooting

This guide is a walk through on how to remove, diagnose/repair, and reinstall the cluster clock of a Mercedes W115/114.

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INTRODUCTION

Here is a step-by-step guide on how to disassemble and troubleshoot a faulty Mercedes w114/115 clock.

TOOLS:

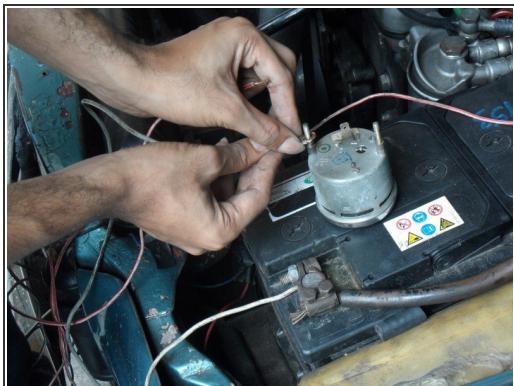
- flat head & philips screw driver (1)
- test probe (1)
- 12v bulb and socket (1)

Step 1 — Cluster Clock



- Locate the area that houses the clock. Unscrew the two barrels and place it aside.
- Carefully pull out the clock without damaging any other parts.

Step 2



- Connect the screw (located behind the clock) to the negative supply of the battery, and then the small pin to the positive supply.

Step 3



- To check the clock, set the time to something you can remember and set it aside.

Step 4



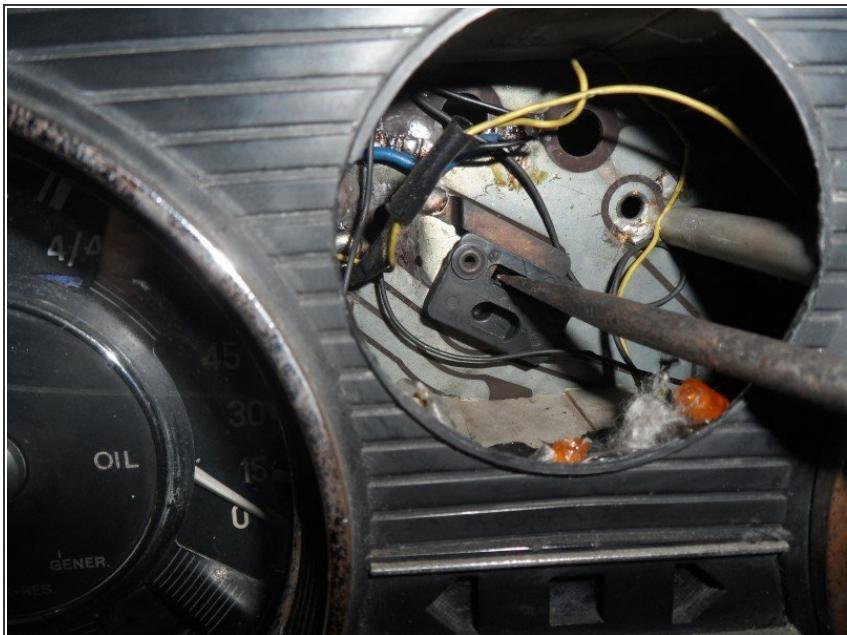
- To check the power supply of the clock, locate the electrical connector and find the pin on it which supplies the power (12v) to the clock.
- Take a small bulb and socket and bridge a wire from the 12v pin supplied from the electrical connector, to one of the two wires on the bulb and socket.
- Next find a ground supply nearby (the best place would be the key hole) and bridge another wire from it to the second available wire on the bulb and socket.
- If the bulb lights up, it means your clock has power.

Step 5



- If the bulb lights up, the power supply to the clock is good.

Step 6



(i) Before putting the clock in, clean the holder with a sand paper or a flat headed screw driver.

- Start reassembling the dashboard by following the guide in reverse order.

! While reassembling, be careful not to damage the wire harness, oil pressure meter hose, and temperature meter cable.

To reassemble your device, follow these instructions in reverse order.