

579740 failures due to poor earth connection

Part Number: 579740

For Vehicle: Citroen C2 and C3 models

The Valeo Service Technical department have had several claims stating that wiper motor 579740 has failed and a replacement unit does not solve the problem.

After investigating the issue Valeo technicians have identified that the wiper motor itself is not at fault and the failure is due to a poor earth connection.

To confirm the diagnosis please follow the below steps:

- 1) Connect the wiper motor to a 12V power source
- 2) Check for correct operation
- 3) Check the power consumption

If no fault is found measure the resistance of the wiring between the following components:

- 4) Wiper motor ground green/yellow wire
- 5) Negative battery terminal
- 6) If the displayed value is: ~ 15 Ohm replace the earth wire and repeat the test. If the test fails fit an additional earth wire between the wiper motor and the vehicle body.

Please ensure all earth connections are clean and rust free.