

## Quiescent Current Drain (from MY '02)

**Note:** To obtain a correct measured value, the vehicle must have been parked for a minimum of 2 hours and the following procedures must have been undertaken:

- All electrical consumers turned off
- Bonnet open
- Fuses must be accessible (open door or luggage compartment lid if necessary, locking catch engaged in 2nd locking position)
- Vehicle locked (anti-theft alarm switched off)

The quiescent current drain is undertaken between the negative battery terminal and the disconnected earth cable.



### Measure

1. Connect positive lead of **MKM-874** to battery earth cable
2. Connect negative lead of **MKM-874** with probe tip on negative battery terminal  
**Note:** The electrical circuit may not be interrupted during the quiescent current drain
3. Perform quiescent current drain
  - Disconnect earth cable from battery
  - Maximum value 50 mA  
**Note:** The total current value of 50 mA applies to vehicles ex work without the subsequent installation of additional equipment.

The quiescent current of any component(s) installed subsequently must be taken into account in the total quiescent current .

If the total quiescent current of the vehicle is more than 50 mA, the individual consumers should be checked.

Using the wiring diagram for the relevant model year, the relevant fuses should be taken out of the fuse box during the quiescent current drain and the display on the multimeter checked to achieve faster fault location or delineation of the fault.

If several consumers are protected by one fuse, a separate measurement must be undertaken on the relevant control unit.

4. Disconnect **MKM-874**
5. Attach earth cable to battery
6. Program volatile memories
- Important:** Open locking catch before closing the door or luggage compartment lid.
7. Close bonnet, doors and luggage compartment lid