



MASSE

300 - Qubo

EARTHS - DESCRIPTION

The following diagram shows the various earths on the car. The associated circuits are shown for each earth.

This makes it easy to identify the earthed circuits on an individual line: faults and failures are therefore easier to locate in the case of problems that affect more than one function: for example, oxidation of an earth may put several circuits and numerous functions out of service simultaneously.

EARTHS - FUNCTIONAL DESCRIPTION

The earths present on the vehicle, categorised according to their relationship with the various wires, are as follows.

Crossmember wiring:

- fan earth C045

Engine compartment wiring:

- left front earth C010A - C010B
- front ABS earth C012
- earth on engine C040
- passenger side dashboard earth C020A - C020B -C020C
- earth on tunnel C038A

Dashboard wiring:

- driver's dashboard earth C015D
- Air Bag system earth C050A

Rear wiring:

- driver's dashboard earth C015C
- Air Bag system earth C050B
- left rear earth C030A - C030B
- right rear earth C031A - C031B
- earth on tunnel C038B

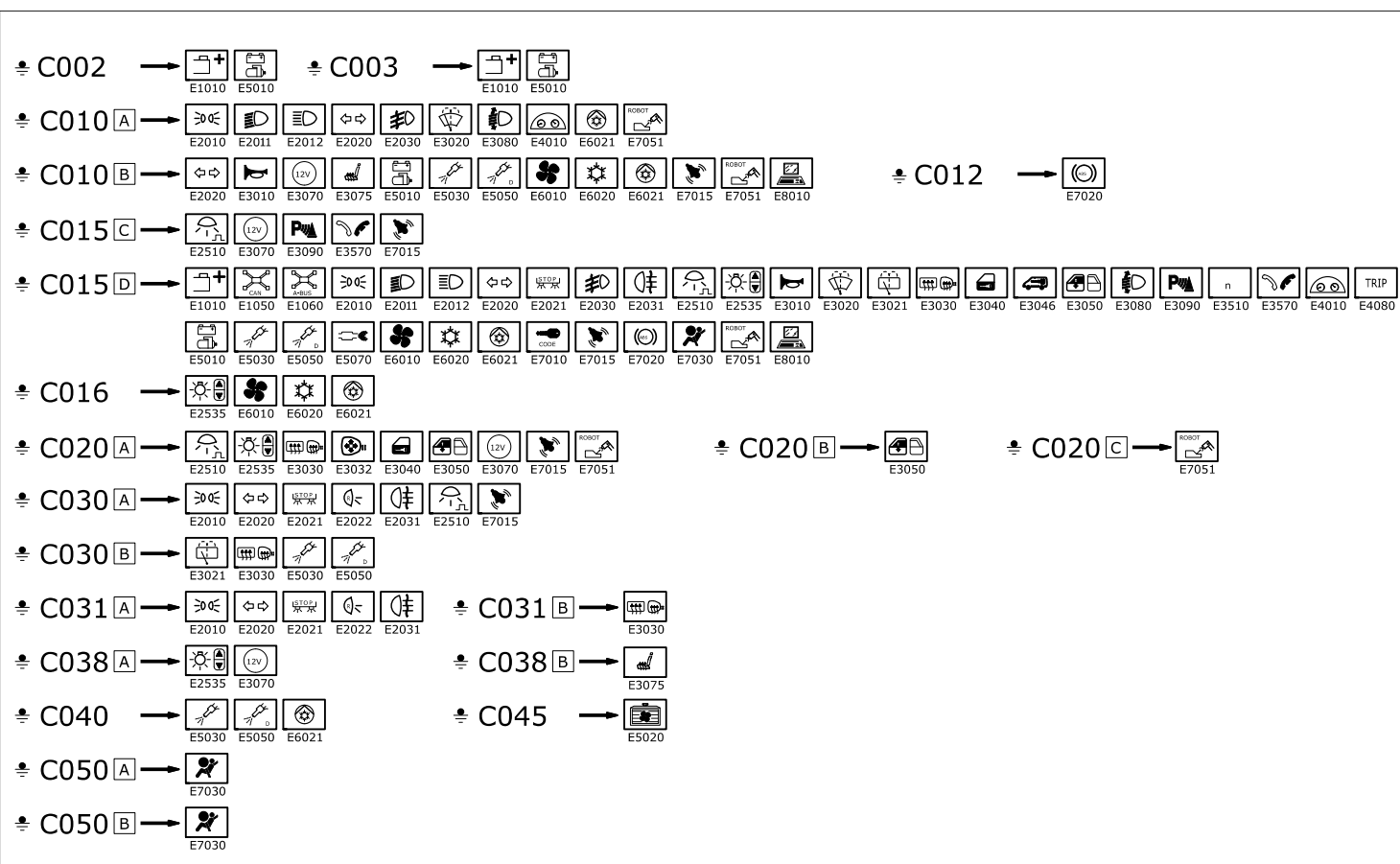
Battery negative wiring:

- battery earth on engine (on gearbox) C002
- battery earth on bodyshell C003

Air conditioner/heater wiring:

- air conditioning unit earth C016.

EARTHS - WIRING DIAGRAM



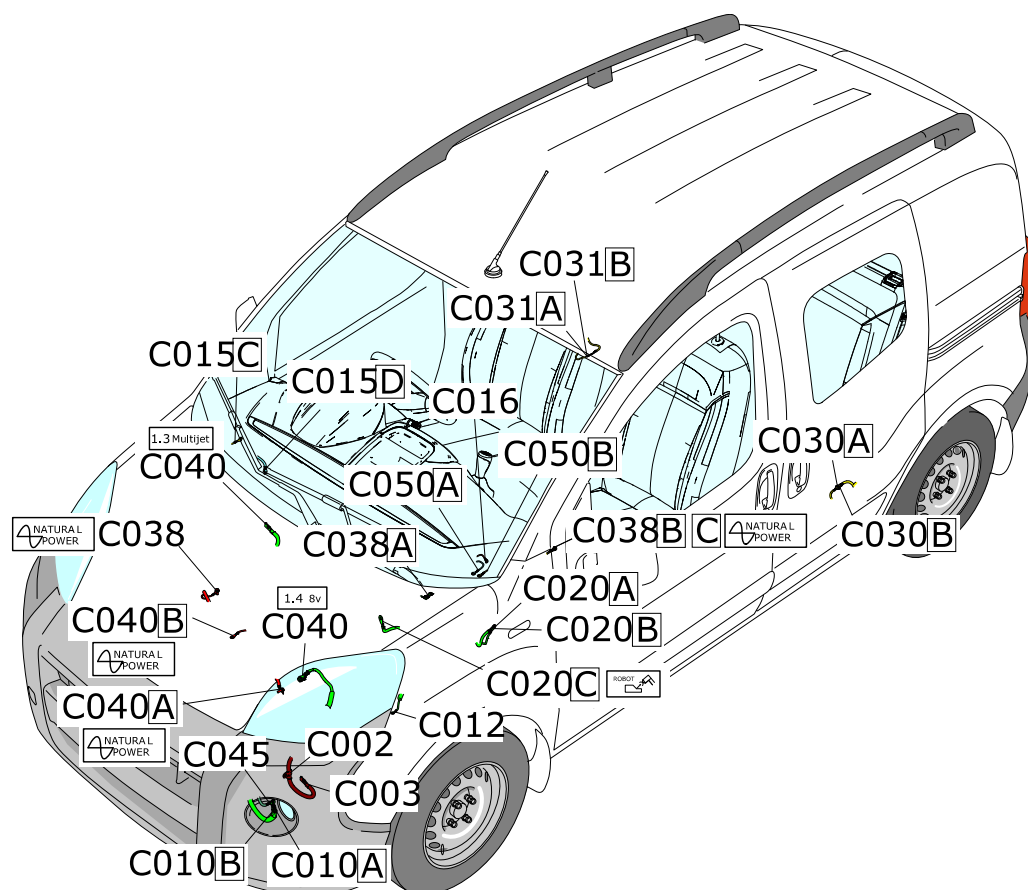
Component Code

Description

Reference to the operation

| | | |
|------|--------------------------------|--------------------------------------|
| C002 | BATTERY EARTH ON ENGINE | Op. 5530B22 BATTERY EARTH LEAD - R+R |
| C003 | BATTERY EARTH ON BODY SHELL | Op. 5530B22 BATTERY EARTH LEAD - R+R |
| C010 | LEFT FRONT EARTH | - |
| C012 | ABS FRONT EARTH | - |
| C015 | DASHBOARD EARTH, DRIVER'S SIDE | - |
| C016 | AIR CONDITIONING UNIT EARTH | - |
| C020 | PASSENGER SIDE DASHBOARD EARTH | - |
| C030 | LEFT REAR EARTH | - |
| C031 | RIGHT REAR EARTH | - |
| C038 | EARTH ON CENTRE TUNNEL | - |
| C040 | EARTH ON ENGINE | - |
| C045 | FAN EARTH | - |
| C050 | AIR BAG SYSTEM EARTH | - |

EARTHS - COMPONENT LOCATION



| Component Code | Description | Reference to the operation |
|----------------|--------------------------------|--------------------------------------|
| C002 | BATTERY EARTH ON ENGINE | Op. 5530B22 BATTERY EARTH LEAD - R+R |
| C003 | BATTERY EARTH ON BODYSHELL | Op. 5530B22 BATTERY EARTH LEAD - R+R |
| C010 | LEFT FRONT EARTH | - |
| C012 | ABS FRONT EARTH | - |
| C015 | DASHBOARD EARTH, DRIVER'S SIDE | - |
| C016 | AIR CONDITIONING UNIT EARTH | - |
| C020 | PASSENGER SIDE DASHBOARD EARTH | - |
| C030 | LEFT REAR EARTH | - |
| C031 | RIGHT REAR EARTH | - |
| C038 | EARTH ON CENTRE TUNNEL | - |
| C040 | EARTH ON ENGINE | - |
| C045 | FAN EARTH | - |
| C050 | AIR BAG SYSTEM EARTH | - |