



MASSE

250/251 - Ducato

EARTHS - DESCRIPTION

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

In this way it is easy to identify these circuits which are connected to earth by the same line; this facilitates the job of searching for faults if there are problems involving more than one function (for example, the oxidization of an earth may put various circuits "out of operation" simultaneously and numerous functions connected to them).

EARTHS - FUNCTIONAL DESCRIPTION

The earths listed below present on the vehicle are categorised according to their relationship with the various wires.

Battery negative wiring:

- battery negative, A001 B
- battery earth on engine, C002
- battery earth on bodyshell, C003 A (near the battery) and C003 B (in the engine compartment)

Radiator wiring:

- radiator earth, C045

Front wiring:

- left front earth, C010 A and C010 B
- ABS front earth, C012
- Driver's dashboard earth, C015

Dashboard wiring:

- centre dashboard, C022
- Air Bag system earth, C050 A

Air conditioning / heater wiring:

- air conditioning unit earth, C016

Left longitudinal wiring:

- earth on rear axle, C102

Right longitudinal wiring (only for Van, Minibus, Combi and Panorama versions):

- left rear earth, C030
- right rear earth, C031

Rear lights crossmember bridge (for Cab and Twin cab versions only):

- left rear earth, C030

Cab wiring:

- cab earth, C100
- Air Bag system earth, C050 B

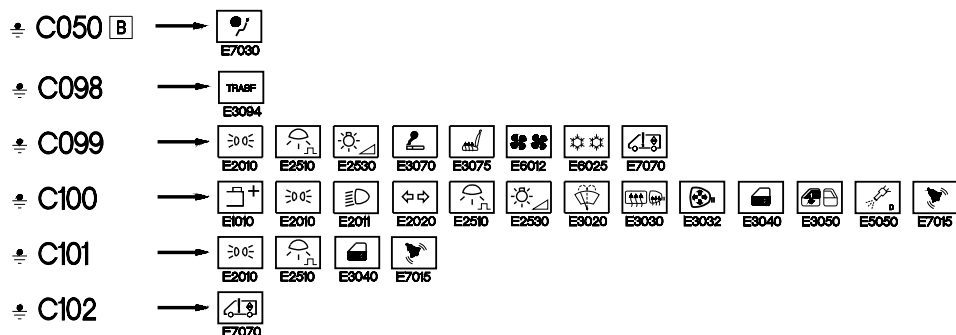
OPT cab wiring:

- right front seat access board earth, C098
- OPT cab earth, C099

Twin cab wiring:

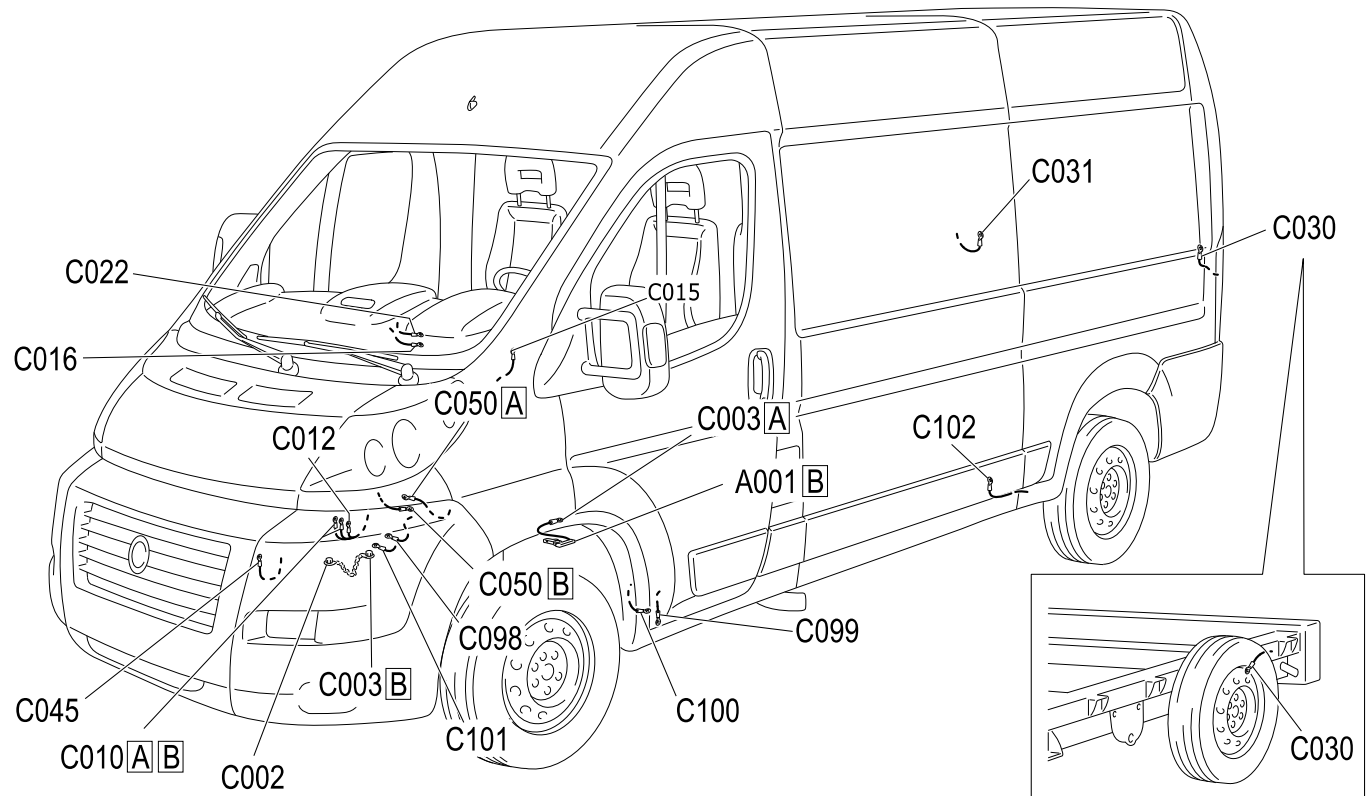
- twin cab earth, C101

EARTHS - WIRING DIAGRAM



| Component code | Description | With reference to the assembly |
|----------------|--------------------------------------|--------------------------------|
| A001 | BATTERY | Op. 5530B BATTERY AND LEADS |
| C002 | BATTERY EARTH ON ENGINE | - |
| C003 | BATTERY EARTH ON BODY SHELL | - |
| C010 | LEFT FRONT EARTH | - |
| C012 | ABS FRONT EARTH | - |
| C015 | DASHBOARD EARTH, DRIVER'S SIDE | - |
| C016 | AIR CONDITIONING UNIT EARTH | - |
| C022 | Centre dashboard earth | - |
| C030 | LEFT REAR EARTH | - |
| C031 | RIGHT REAR EARTH | - |
| C045 | FAN EARTH | - |
| C050 | AIR BAG SYSTEM EARTH | - |
| C098 | RIGHT FRONT SEATS ACCESS BOARD EARTH | - |
| C099 | OPT CAB EARTH | - |
| C100 | CAB EARTH | - |
| C101 | TWIN CAB EARTH | - |
| C102 | EARTH ON REAR AXLE | - |

EARTHS - COMPONENT LOCATION



| Component code | Description | With reference to the assembly |
|----------------|--------------------------------------|--------------------------------|
| A001 | BATTERY | Op. 5530B BATTERY AND LEADS |
| C002 | BATTERY EARTH ON ENGINE | - |
| C003 | BATTERY EARTH ON BODYSHELL | - |
| C010 | LEFT FRONT EARTH | - |
| C012 | ABS FRONT EARTH | - |
| C015 | DASHBOARD EARTH, DRIVER'S SIDE | - |
| C016 | AIR CONDITIONING UNIT EARTH | - |
| C022 | Centre dashboard earth | - |
| C030 | LEFT REAR EARTH | - |
| C031 | RIGHT REAR EARTH | - |
| C045 | FAN EARTH | - |
| C050 | AIR BAG SYSTEM EARTH | - |
| C098 | RIGHT FRONT SEATS ACCESS BOARD EARTH | - |
| C099 | OPT CAB EARTH | - |
| C100 | CAB EARTH | - |
| C101 | TWIN CAB EARTH | - |
| C102 | EARTH ON REAR AXLE | - |