



MASSES

188 - Punto Classic

EARTHS - DESCRIPTION

The following diagram shows the various earths on the vehicle, and the circuits connected to each are indicated.

It is thus easy to identify the circuits which are connected to earth from the same line; this facilitates fault finding if a problem involves more than one function: for example, the corrosion of one earth could put different circuits and several functions out of action at the same time.



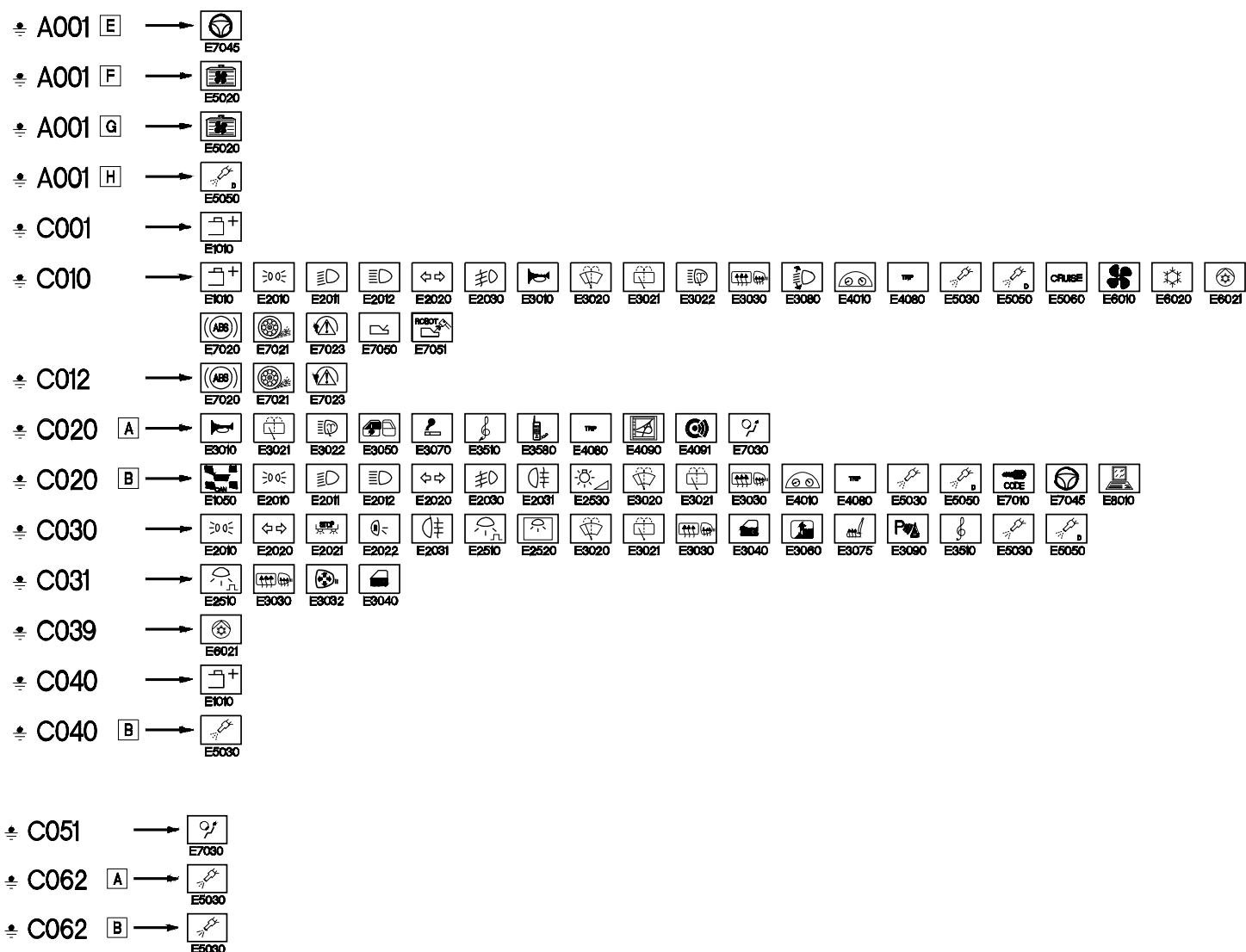
several earths belonging to the same wiring are connected to one another, through the various joins in the actual wiring. . This makes it possible to correctly connect all the electrical components on the same wiring to earth, even if one particular earth point does not guarantee an efficient contact to the vehicle bodyshell.

EARTHS - FUNCTIONAL DESCRIPTION

The car earth points are subdivided according to the wiring to which they are connected, as follows:

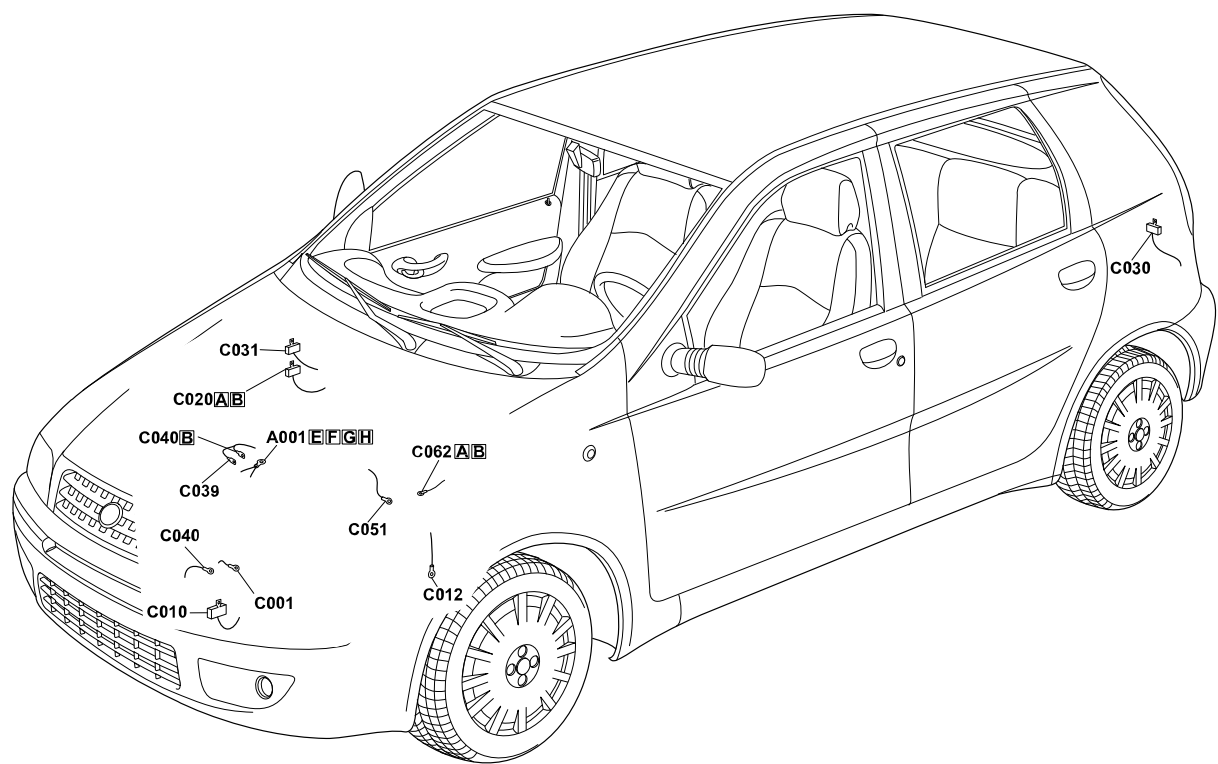
- battery negative wiring C001, C040
- front wiring A001 E, A001 F, A001 G, A001 H, C010, C040B
- facia wiring C020 A, C020 B
- rear wiring C030, C031
- Air Bag wiring C020 A, C051
- wiring ABS C012
- engine wiring C062 A, C062 B, C039

EARTHS - WIRING DIAGRAM



Component code	Name	Assembly reference
A1	Battery (-)	Op. 5530B battery and leads
B1	Engine compartment junction unit	Op. 5505A multi-function components
B2	Junction unit under dashboard	Op. 5505A multi-function components
C1	Battery earth	Op. 5530B battery and leads
C20	Passenger side dashboard earth	Op. 5505A multi-function components
C30	Left rear earth	Op. 5505A multi-function components
C31	Rear right earth	Op. 5505A multi-function components
C39	Compressor earth	-
C40	Earth on engine	Op. 5505A multi-function components
C51	Earth for Side-bag	Op. 5505A multi-function components
C62	Methane injection control unit earth	-
M1	Body computer	Op. 5505A multi-function components

EARTHS - LOCATION OF COMPONENTS



Component code	Name	Assembly reference
A1	Battery (-)	Op. 5530B battery and leads
B1	Engine compartment junction unit	Op. 5505A multi-function components
B2	Junction unit under dashboard	Op. 5505A multi-function components
C1	Battery earth	Op. 5530B battery and leads
C20	Passenger side dashboard earth	Op. 5505A multi-function components
C30	Left rear earth	Op. 5505A multi-function components
C31	Rear right earth	Op. 5505A multi-function components
C39	Compressor earth	-
C40	Earth on engine	Op. 5505A multi-function components
C51	Earth for Side-bag	Op. 5505A multi-function components
C62	Methane injection control unit earth	-
M1	Body computer	Op. 5505A multi-function components