



PLAFONIERE

169 - Panda

INTERIORI LIGHTS - DESCRIPTION

The front interior light is in the form of a rocker switch and contains a courtesy light.

The interior light is switched on/off as follows:

- pressure on the right side of the interior light switches it on permanently;
- pressure on the left side of the interior light deactivates it;
- maintaining the interior light in the central position will switch it on automatically.

The interior light will automatically switch on in the following circumstances:

- when the driver door is opened;
- when the inertia switch is activated, for a maximum of 15 minutes.

The interior light will automatically switch off in the following circumstances:

- when the driver door is closed;
- when the inertia switch is reset.

The rear interior light switches on or off according to the opening or closing of the rear tailgate.

INTERIOR LIGHTS - FUNCTIONAL DESCRIPTION

The front interior light G010 receives a direct battery power supply from the line protected by fuse F39, housed in the body computer node M001.

Internal switch A can be turned to three positions:

- position 0: the switching on or off of the front interior light depends on the status of the driver side front door switch I016 ;
- position 1: the front interior light is always off;
- position 2: the front interior light is always on;

The driver side front door switch I016 is the N.O. (normally on) type. The internal contact of the switch has two working statuses:

- position 0: driver side front door closed; courtesy light off
- position 1: driver side front door open; courtesy light on

If the inertia switch is activated I050 it sends a negative signal (reference earth C030) to pin 14 connector G of the body computer node M001 , that will switch on the front courtesy light G010 .

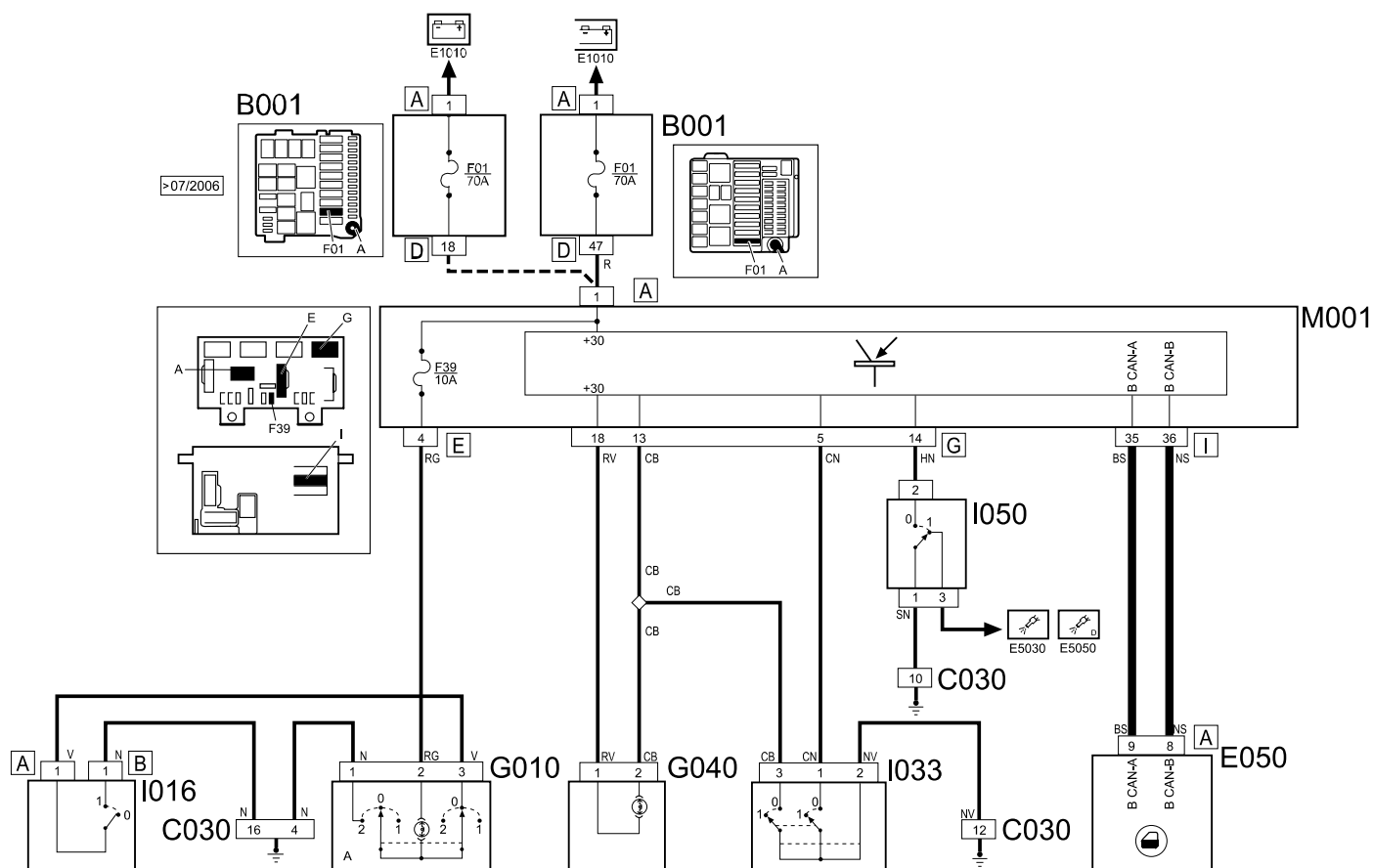
The body computer node manages the switching on/off of the boot courtesy light G040. From connector G, body computer node:

- to pin 18 supplying the bulb inside the boot courtesy light G040 ;
- to pin 5, receives the tailgate open negative signal (reference earth C030) , from the external handle 1033 ;
- to pin 13, receives the tailgate not fully closed signal (reference earth C030) , from the external handle 1033 .

The switch on the external handle 1033 refers to the earth C030 , on the left rear wheel arch (inside the passenger compartment).

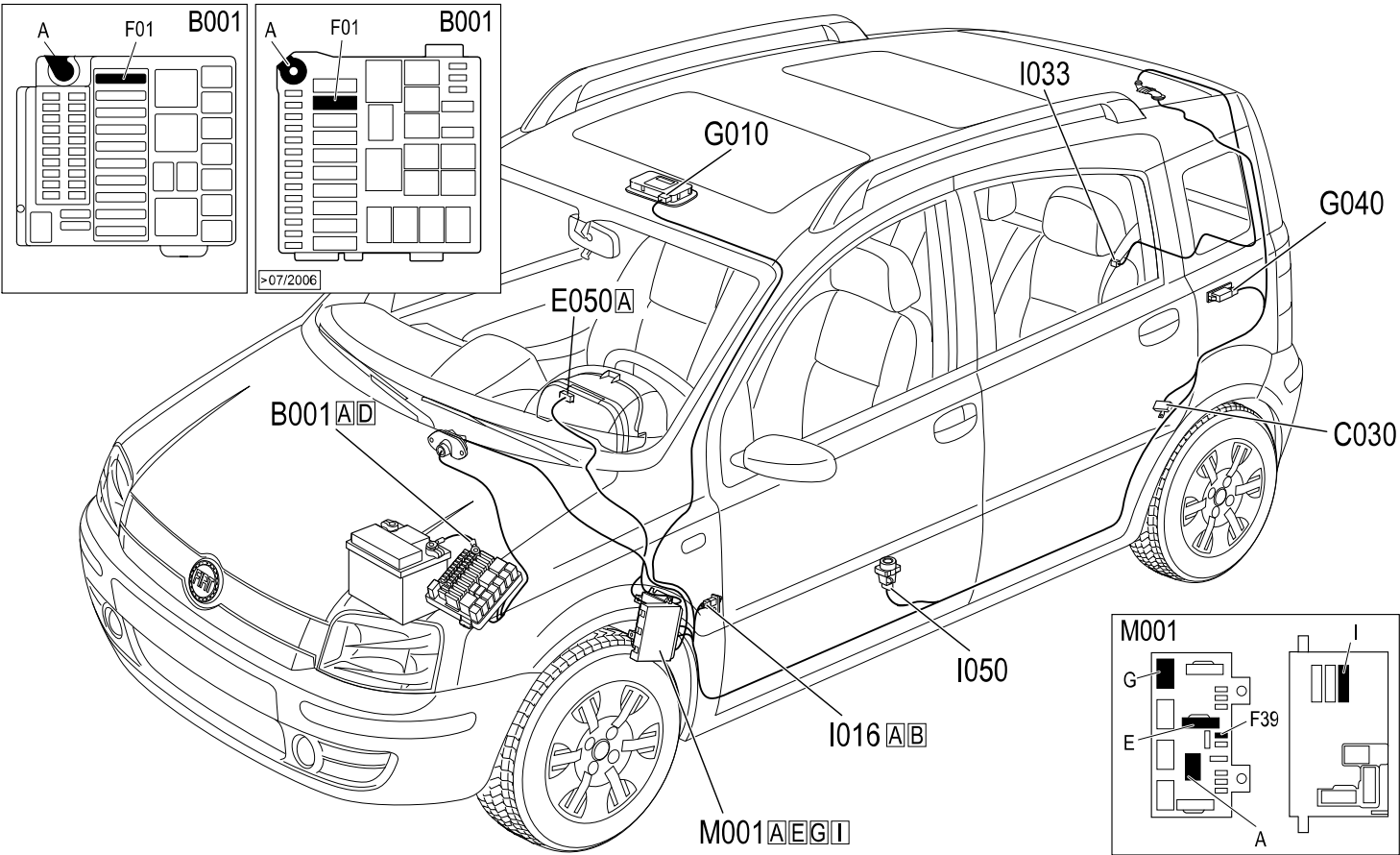
Opening the driver side front door and the tailgate door displays the associated warning light on the instrument panel E050 . The control for switching on the warning light is supplied via the CAN from the body computer node (see wiring diagram E1050). The door status signal on the instrument panel is activated via the ignition.

INTERIOR LIGHTS - WIRING DIAGRAM



Component code	Description	With reference to the assembly
B001	JUNCTION UNIT	Op. 5505C VEHICLE COMPARTMENT WIRING
C030	LEFT REAR EARTH	-
E050	INSTRUMENT PANEL	Op. 5560B ANALOGUE CONTROL PANEL
G010	FRONT COURTESY LIGHT	Op. 7040E INTERIOR COURTESY LIGHT SYSTEM
G040	BOOT COURTESY LIGHT	-
I016	SWITCH ON LEFT FRONT DOOR	-
I033	SWITCH ON BOOT OUTER HANDLE	Op. 7015B TAILGATE CLOSING/OPENING DEVICES
I050	INERTIA SWITCH (REAR)	Op. 1040A FUEL TANK AND COMPONENTS
M001	BODY COMPUTER	Op. 5505A MULTI-FUNCTION COMPONENTS

INTERIOR LIGHTS - COMPONENT LOCATION



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C030	LEFT REAR EARTH	-
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I016	SWITCH ON LEFT FRONT DOOR	-
I033	SWITCH ON BOOT OUTER HANDLE	Op. 7015B TAILGATE CLOSING/OPENING DEVICES
I050	INERTIA SWITCH (REAR)	Op. 1040A FUEL TANK AND COMPONENTS
M001	BODY COMPUTER	Op. 5505A MULTI-FUNCTION COMPONENTS