



PLAFONIERE

191 - Giulietta

COURTESY LIGHTS - DESCRIPTION

The front courtesy light includes two lamps with corresponding control buttons: the buttons can be used to turn on the corresponding light directly or in a timed manner, as described below.

The rear courtesy light include a lamp and a control button. This light can be switched on directly by pressing the clear button or in a timed manner, as described below.

The courtesy light operation is timed according to a logic managed by the Body Computer.

- when any of the doors is opened, the lights switch on for 3 minutes; the timer is reactivated whenever the door is opened;
- when all the doors are closed, the lights stay on for a further 10 seconds with key off. This time is interrupted if the key is moved to the key on position: in this case, the courtesy lights are turned off immediately.
- when all the doors are closed at key-on the lights are immediately switched off.
- when the key is extracted (or within 2 minutes of the engine being switched off) the lights switch on and there is a timed delay of 10 seconds.
- all the lights are switched off at the door lock command;
- at the door unlocking command, all the lights are switched on and a 10 second timer is activated.

The power supply for all the courtesy lights follows the battery voltage control logic (SBMT): with the key on STOP, when any door or the boot is opened, a time of 15 seconds is set. After this, all the courtesy lights are deactivated.

If one or more doors are open, this is shown on the instrument panel display; the warning light remains on until all the vehicle doors and boot lid are properly shut. If a given speed limit is exceeded, this is also signalled by means of a buzzer.

COURTESY LIGHTS - FUNCTIONAL DESCRIPTION

The Body Computer M001 receives "door open" input signals at pin 50 (driver's front door), pin 51 (passenger front door), pin 36 (rear left door) and pin 33 (rear right door) of connector F of M001.

The front courtesy light G010 is supplied by the "SBMT" line protected by fuse F32 in the Body Computer M001, while pin 8 of connector F sends the timed analogue control signal.

The rear courtesy light G020 is supplied by the "SBMT" line protected by fuse F32 in the Body Computer M001, while pin 13 of connector F sends the timed analogue control signal.

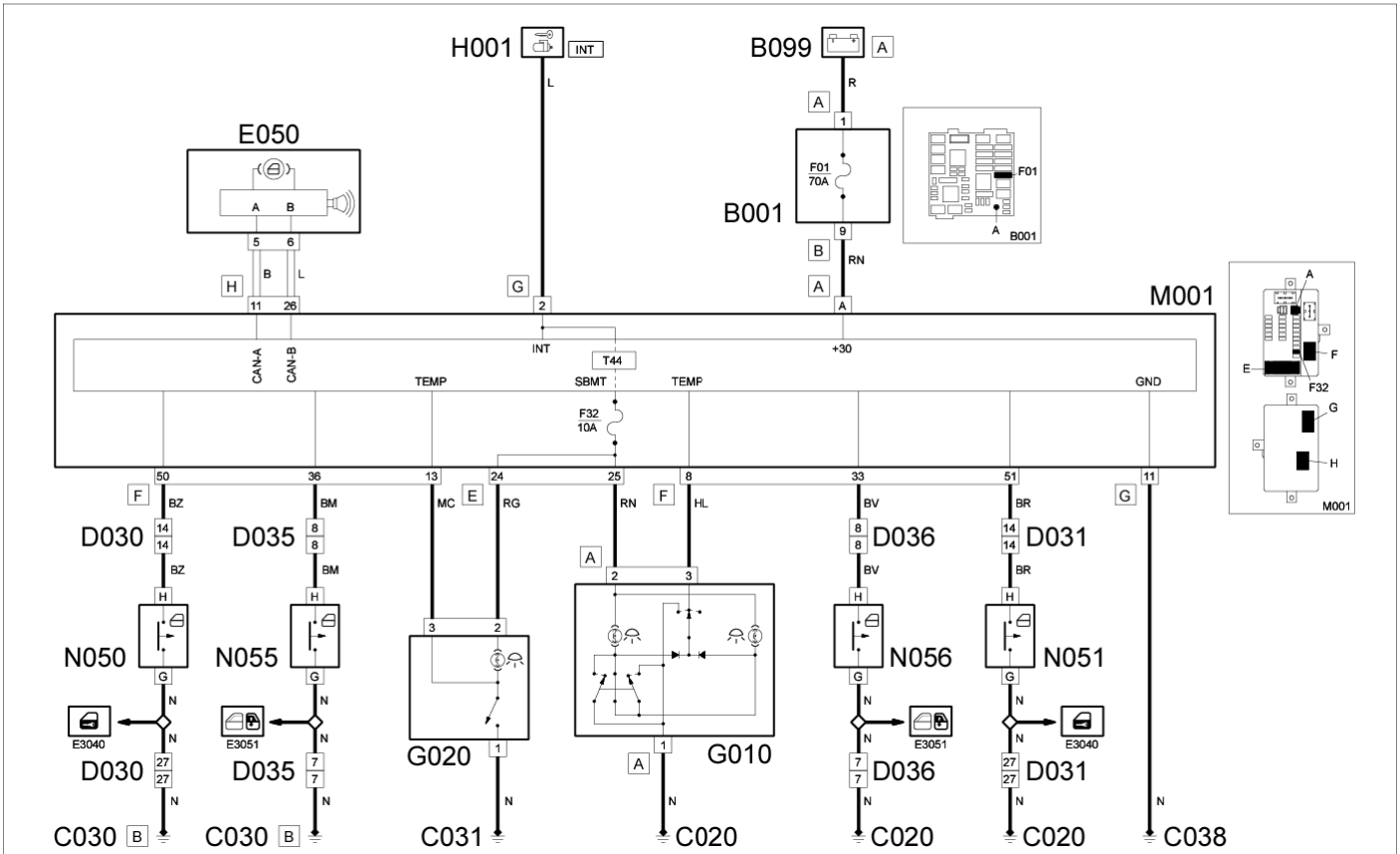
The Body Computer M001 - connector A - receives a direct power supply from the battery through the line protected by maxi fuse F01 of the engine compartment junction unit B001.

The Body Computer M001 receives an ignition-operated power supply (INT) at pin 2 of connector G: this signal is used, amongst other things, to "wake up the network".

Pin 11 of connector G of M001 provides the Body Computer with a reference earth.

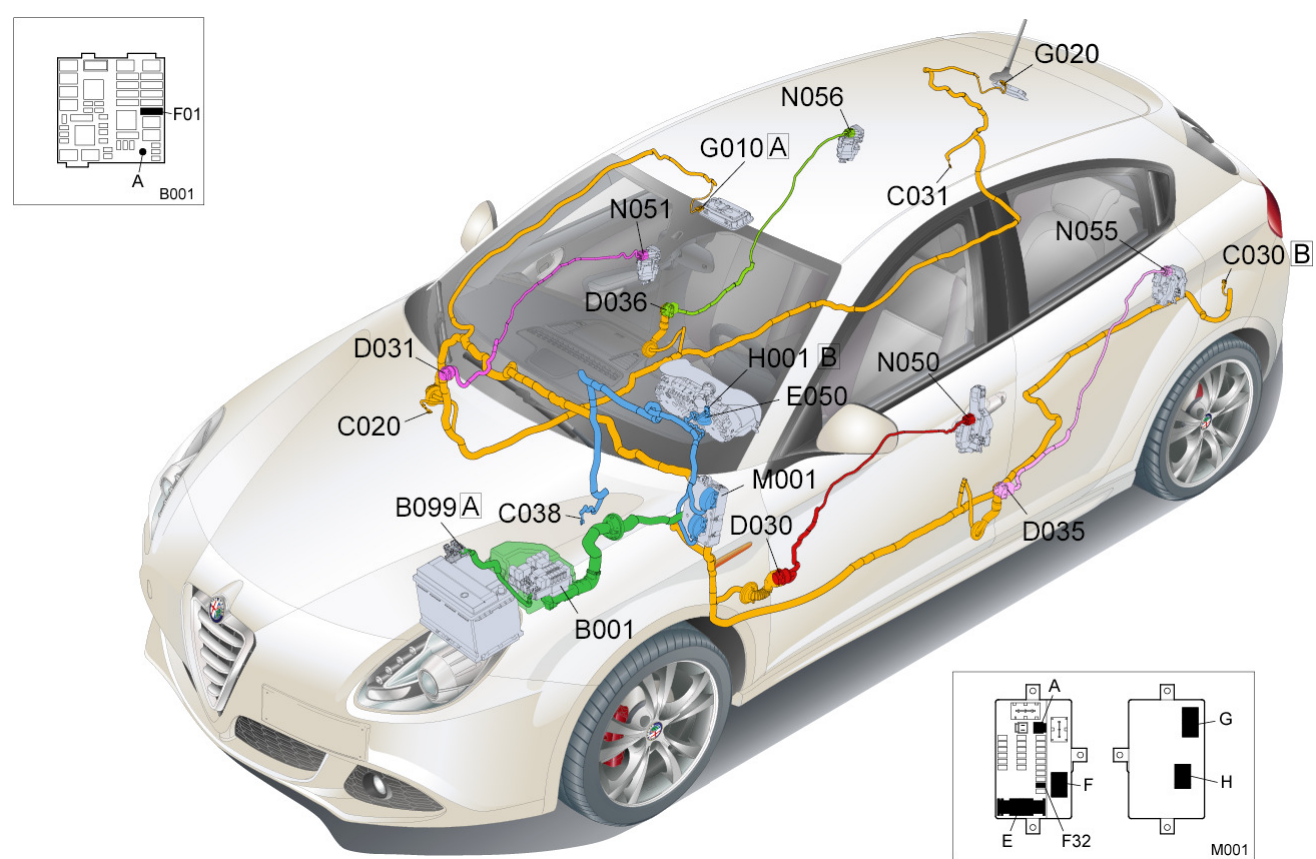
Body Computer M001 is connected via the CAN line to instrument panel E050, to which it sends a signal that switches on the "door open" warning light, where necessary, and activates the buzzer to give an acoustic signal.

COURTESY LIGHTS - WIRING DIAGRAM



Component Code	Description	Reference to the operation
B001	JUNCTION UNIT	Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
B099	MAXI FUSE BOX ON BATTERY	Op. 5530B40 SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
C020	PASSENGER SIDE DASHBOARD EARTH	-
C030	LEFT REAR EARTH	-
C031	RIGHT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
D035	LEFT REAR DOOR COUPLING	-
D036	RIGHT REAR DOOR COUPLING	-
E050	INSTRUMENT PANEL	Op. 5560B10 CONTROL PANEL - R+R
G010	FRONT COURTESY LIGHT	Op. 7040E10 FRONT COURTESY LIGHT - R+R
G020	REAR (CENTRE) COURTESY LIGHT	Op. 7040E16 REAR COURTESY LIGHT - R+R
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
N050	DRIVER'S FRONT DOOR LOCK GEARED MOTOR	Op. 7005N20 FRONT SIDE DOOR LOCK MOTOR/CATCH ASSEMBLY, LEFT OR RIGHT - R.R WITH DOOR PANEL AND SUPPORT FRAME REMOVED
N051	RIGHT FRONT DOOR LOCK GEARED MOTOR	Op. 7005N20 FRONT SIDE DOOR LOCK MOTOR/CATCH ASSEMBLY, LEFT OR RIGHT - R.R WITH DOOR PANEL AND SUPPORT FRAME REMOVED
N055	LEFT REAR DOOR LOCK GEARED MOTOR	Op. 7010N20 REAR SIDE DOOR LOCK MOTOR/CATCH ASSEMBLY - R.R. WITH DOOR PANEL AND SUPPORT FRAME REMOVED
N056	RIGHT REAR DOOR LOCK GEARED MOTOR	Op. 7010N20 REAR SIDE DOOR LOCK MOTOR/CATCH ASSEMBLY - R.R. WITH DOOR PANEL AND SUPPORT FRAME REMOVED

COURTESY LIGHTS - COMPONENT LOCATION



Component Code	Description	Reference to the operation
B001	JUNCTION UNIT	Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
B099	MAXI FUSE BOX ON BATTERY	Op. 5530B40 SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
C020	PASSENGER SIDE DASHBOARD EARTH	-
C030	LEFT REAR EARTH	-
C031	RIGHT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
D035	LEFT REAR DOOR COUPLING	-
D036	RIGHT REAR DOOR COUPLING	-
E050	INSTRUMENT PANEL	Op. 5560B10 CONTROL PANEL - R+R
G010	FRONT COURTESY LIGHT	Op. 7040E10 FRONT COURTESY LIGHT - R+R
G020	REAR (CENTRE) COURTESY LIGHT	Op. 7040E16 REAR COURTESY LIGHT - R+R
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
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N055	LEFT REAR DOOR LOCK GEARED MOTOR	Op. 7010N20 REAR SIDE DOOR LOCK MOTOR/CATCH ASSEMBLY - R.R. WITH DOOR PANEL AND SUPPORT FRAME REMOVED
N056	RIGHT REAR DOOR LOCK GEARED MOTOR	Op. 7010N20 REAR SIDE DOOR LOCK MOTOR/CATCH ASSEMBLY - R.R. WITH DOOR PANEL AND SUPPORT FRAME REMOVED