



LUCI POZZANGHERA

191 - Giulietta

COURTESY (PUDDLE) LIGHTS - DESCRIPTION

Courtesy lights for lighting up the ground ("puddle lights") are fitted on all the four doors.

The lights switch on when the door is opened, irrespective of the position of the ignition switch, and switch off when the door is closed.

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.

COURTESY (PUDDLE) 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 puddle lights G051 and G052 are supplied by the "SBMT" line protected by fuse F032 in the Body Computer M001 - pin 23 of connector E.

The rear puddle lights G055 and G056 are supplied by the "SBMT" line protected by fuse F032 in the Body Computer M001 - pin 29 of connector E.

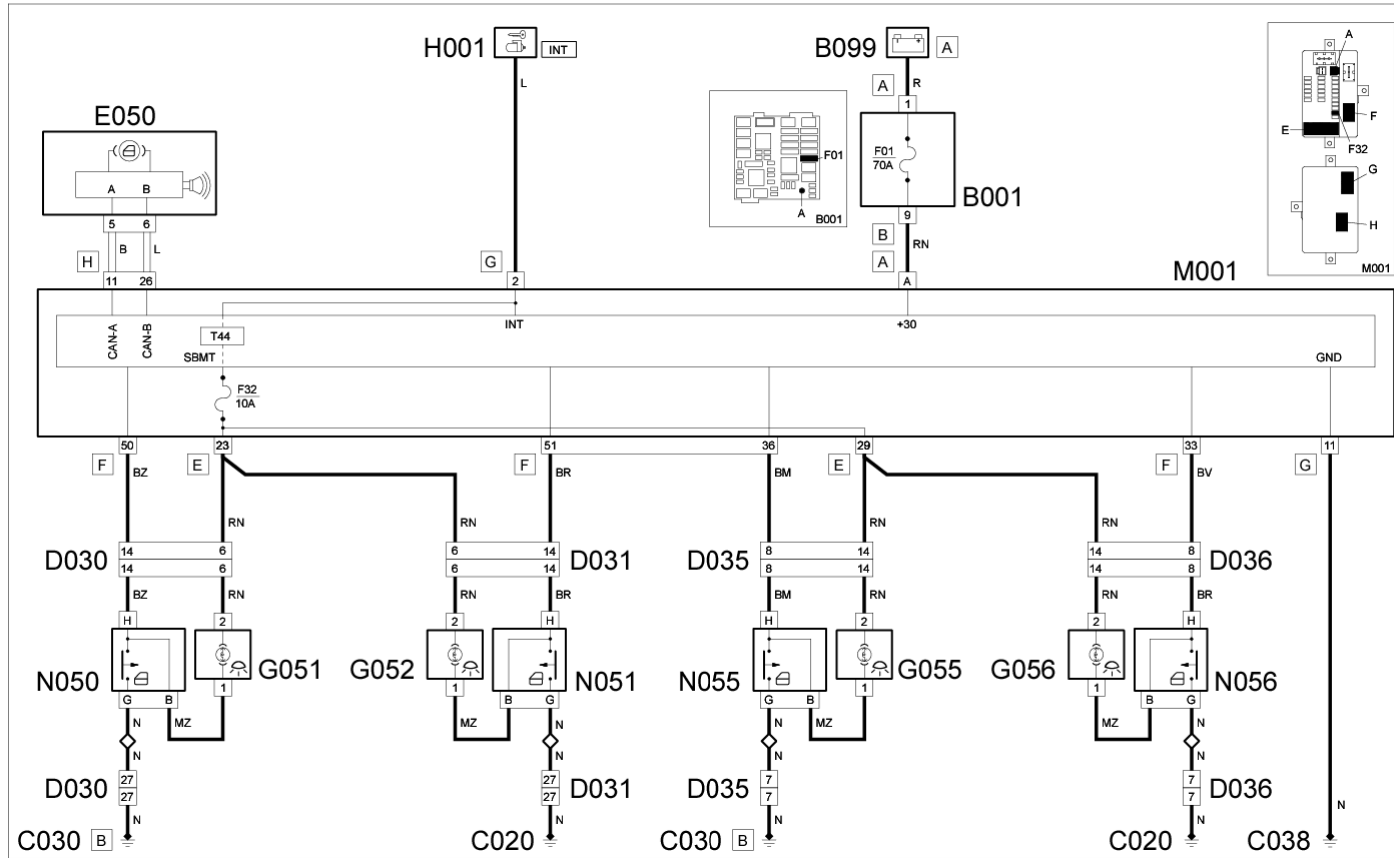
The Body Computer M001 - connector A - receives a direct power supply from the battery through the line protected by maxi fuse F01 of the engine compartment junction unit B001.

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.

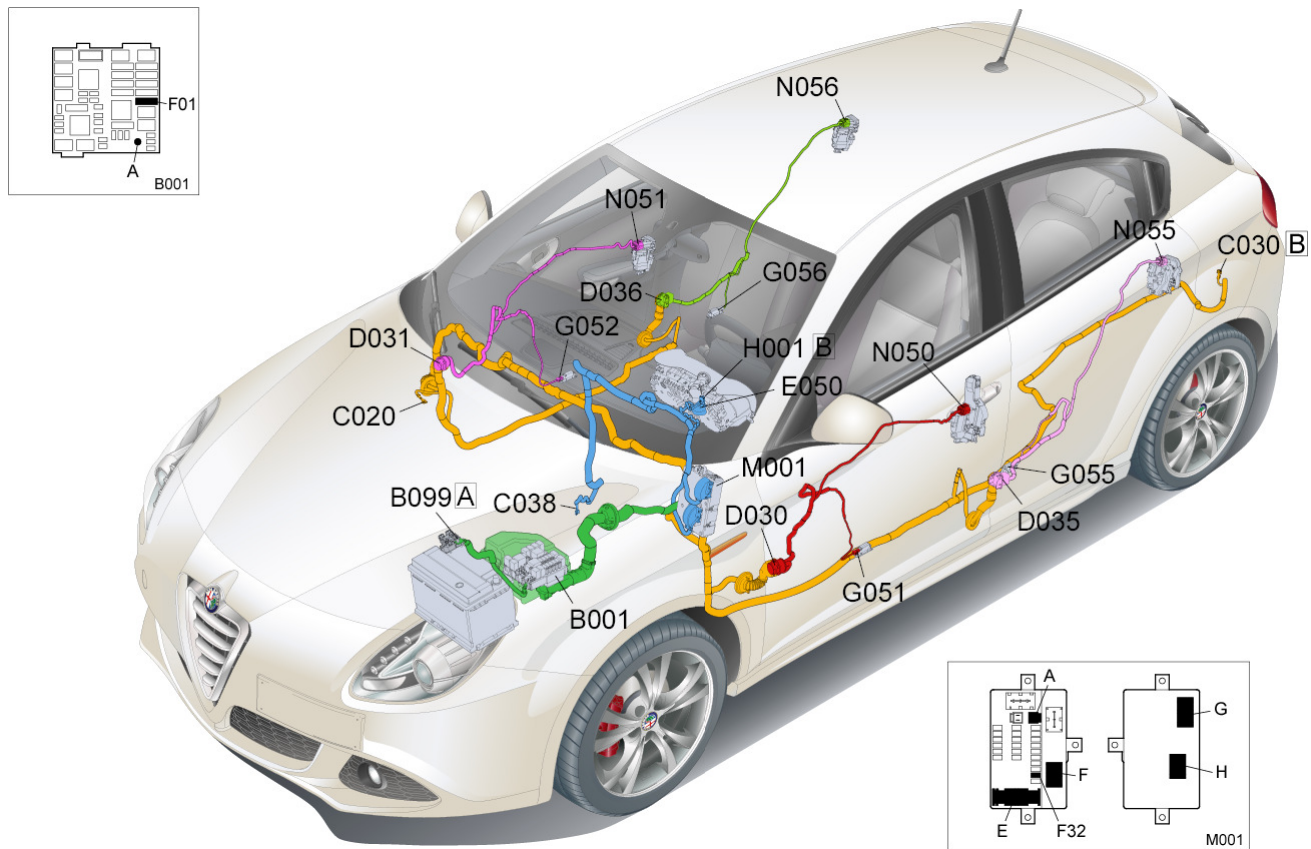
Body Computer M001 is connected via the CAN line to instrument panel E050, to which it sends a signal that turns on the door open warning light, where necessary, and activates the buzzer to give an acoustic signal.

COURTESY (PUDDLE) 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
G051	DRIVER'S FRONT DOOR LIGHT	Op. 7040E24 LOWER COURTESY LIGHT IN DOOR PANEL - R+R
G052	RIGHT FRONT DOOR LIGHT (COURTESY)	Op. 7040E24 LOWER COURTESY LIGHT IN DOOR PANEL - R+R
G055	Left rear door light	Op. 7040E26 LOWER COURTESY LIGHT IN REAR PANEL - R R
G056	Right rear door light	Op. 7040E26 LOWER COURTESY LIGHT IN REAR PANEL - 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 (PUDDLE) 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
G051	DRIVER'S FRONT DOOR LIGHT	Op. 7040E24 LOWER COURTESY LIGHT IN DOOR PANEL - R+R
G052	RIGHT FRONT DOOR LIGHT (COURTESY)	Op. 7040E24 LOWER COURTESY LIGHT IN DOOR PANEL - R+R
G055	Left rear door light	Op. 7040E26 LOWER COURTESY LIGHT IN REAR PANEL - R R
G056	Right rear door light	Op. 7040E26 LOWER COURTESY LIGHT IN REAR PANEL - 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