



## SBRINAMENTO LUNOTTO E SPECCHI RETROVISORI

191 - Giulietta

## REAR SCREEN AND REAR VIEW MIRROR DEMISTING - DESCRIPTION

In the event of poor visibility it is possible to activate the demisting of the rearscreen, the exterior rear view mirrors and the windscreen jets.

The heating resistances for these components absorb a considerable amount of energy and are therefore controlled and deactivated after they have been working for a certain length of time: the demisting is subject to a delay timer, managed by the Body Computer, according to the following logic:

- ignition-operated, starting excluded (INT/A);
- engagement signal coming from the special button in the middle of the dashboard.

Under these circumstances the heating resistances remain supplied for a maximum of 20 minutes, then the supply is interrupted.

The supply is cut off in the following conditions:

- key-off;
- disengagement signal from the button;
- battery voltage below 11.5 V;
- after the first 10 minutes of operation if the engine speed is below 960 rpm.

With the demisting on, the warning light next to the control button also switches on.

The activation timer (20 minutes) is reset each time the button is operated.

In versions with AUTOMATIC AIR CONDITIONING, the rear screen demisting is also activated with the "MAX-DEF" control.

The deactivation of the MAX-DEF control only causes the switching off of the heated rear screen if the command to switch it on came from the MAX-DEF button; if, on the other hand, the command was given via the heated rear screen button, it remains on.

The demisting circuit for the rear screen, the door mirrors and the screen washer jets is controlled by a dedicated relay switch and protected by two dedicated fuses located in the engine compartment junction unit.

## REAR SCREEN AND REAR VIEW MIRROR DEMISTING - FUNCTIONAL DESCRIPTION

The heated rear windscreen relay switch T19, located in the engine compartment junction unit B001, controls the engagement of the rearscreen demisting resistances P055 via the line protected by fuse F20 of junction unit B001.

The same heated rear windscreen relay switch T19 controls the engagement of the demisting resistances for the door mirrors P060 and P061 and for the screen washer jets O051 and O051 via the line protected by fuse F88 of junction unit B001.

The coil of relay switch T19 receives an ignition-operated (INT) power supply protected by fuse F51 of M001.

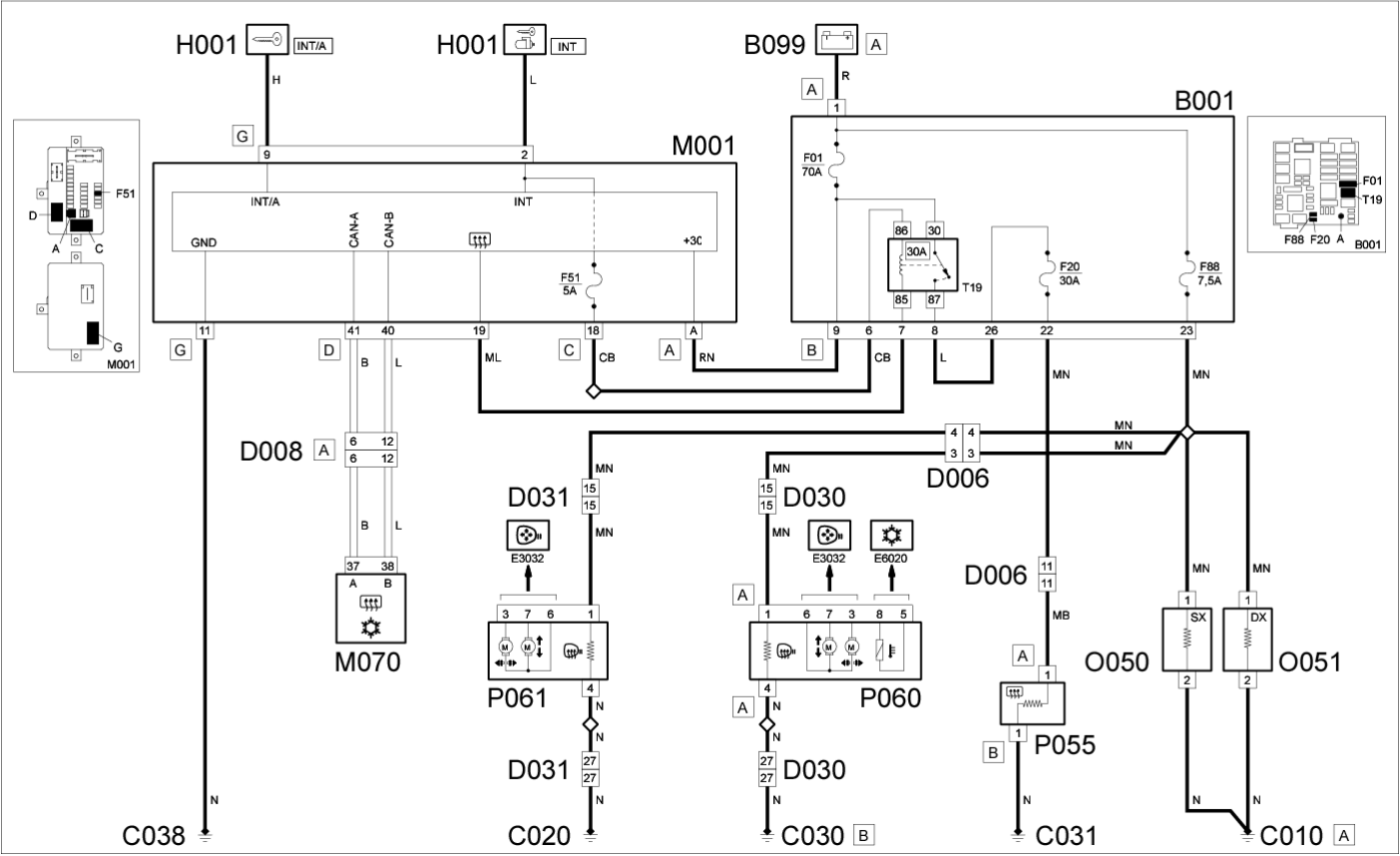
Relay switch T19, on the other hand, is energised by an earth signal from the Body Computer M001 - pin 19 of connector D; this signal is sent on the basis of the control logic illustrated previously and in the presence of the demisting command from the climate control system control unit via the CAN.

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 and ignition-operated power supply - start-up excluded (INT/A) at pin 9 of connector G.

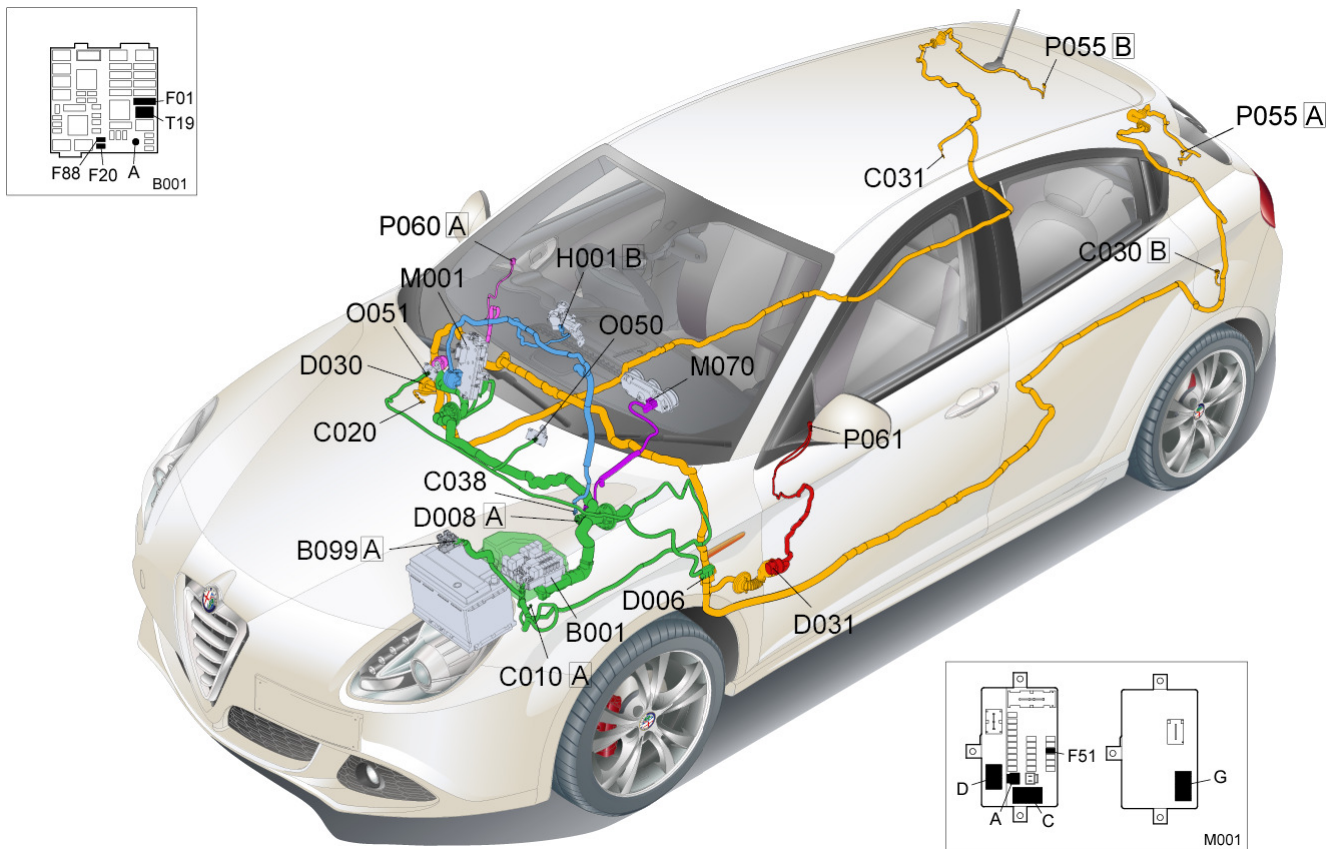
Pin 11 of connector G of M001 provides the Body Computer with a reference earth.

REAR SCREEN AND REAR VIEW MIRROR DEMISTING - 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
C010	LEFT FRONT EARTH	-
C020	PASSENGER SIDE DASHBOARD EARTH	-
C030	LEFT REAR EARTH	-
C031	RIGHT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
D006	FRONT/REAR COUPLING	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
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. Op. 5040D14 CONTROL UNIT WITH AUTOMATIC AIR CONDITIONING CONTROL PANEL - R.R.
M070	CLIMATE CONTROL SYSTEM CONTROL UNIT	or Op. 5040D17 CONTROL UNIT WITH MANUAL AIR CONDITIONER KNOBS AND BUTTONS R R
O050	LEFT WINDSCREEN WASHER DEFROSTING RESISTANCE	-
O051	RIGHT WINDSCREEN WASHER DEFROSTING RESISTANCE	-
P055	HEATED REARSCREEN	Op. 7035B14 REAR WINDOW GLASS - R.R INCLUDES CLEANING HOUSING
P060	DRIVER'S DOOR MIRROR	Op. 7005R30 ELECTRICALLY CONTROLLED DOOR MIRROR (ONE) - R+R
P061	PASSENGER DOOR MIRROR	Op. 7005R30 ELECTRICALLY CONTROLLED DOOR MIRROR (ONE) - R+R

REAR SCREEN AND REAR VIEW MIRROR DEMISTING - COMPONENT LOCATION



Component Code	Description	Reference to the operation
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B099	MAXI FUSE BOX ON BATTERY	Op. 5530B40 SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
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C020	PASSENGER SIDE DASHBOARD EARTH	-
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C031	RIGHT REAR EARTH	-
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M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R. Op. 5040D14 CONTROL UNIT WITH AUTOMATIC AIR CONDITIONING CONTROL PANEL - R.R.
M070	CLIMATE CONTROL SYSTEM CONTROL UNIT	or Op. 5040D17 CONTROL UNIT WITH MANUAL AIR CONDITIONER KNOBS AND BUTTONS R R
O050	LEFT WINDSCREEN WASHER DEFROSTING RESISTANCE	-
O051	RIGHT WINDSCREEN WASHER DEFROSTING RESISTANCE	-
P055	HEATED REARSCREEN	Op. 7035B14 REAR WINDOW GLASS - R.R INCLUDES CLEANING HOUSING
P060	DRIVER'S DOOR MIRROR	Op. 7005R30 ELECTRICALLY CONTROLLED DOOR MIRROR (ONE) - R+R
P061	PASSENGER DOOR MIRROR	Op. 7005R30 ELECTRICALLY CONTROLLED DOOR MIRROR (ONE) - R+R