



SEDILI RISCALDATI

191 - Giulietta

## HEATED SEATS - DESCRIPTION

The front seats are available, on request, with a special heating system (comprising two heating elements located in the cushion and the backrest): this allows the seat to be heated to overcome the discomfort of cold passenger compartments in very harsh climates, e.g. when the car is left in the open for long periods in winter.

The heating device located in each seat consists of two resistors activated by a controls located on the outside of each seat: this is a ring nut through which the function is switched on/off and the heating is adjusted to 3 different settings (0 = seat heating switched off).

Once a certain temperature has been reached the heating stops automatically thanks to a thermal contact inside the device itself.

A special LED in the switches themselves indicates that the resistances are switched on.

Seat heating can only be activated with the ignition on (INT/A).

The seat heating circuit is protected by a dedicated fuse and controlled by a relay switch, both located in the auxiliary fuse box in the luggage compartment.

## HEATED SEATS - FUNCTIONAL DESCRIPTION

The power supply for the two seat heaters O040 and O041 - connector A for the cushion and connector B for the backrest - arrives via the adjustment thermostats M170 and M110, supplied by the relay switch T40 located in the luggage compartment fuse box B045 via the lines protected by fuse F61 of B045.

The relay switch receives an ignition-operated start-up excluded power supply (INT/A) from the line protected by fuse F31 of M001.

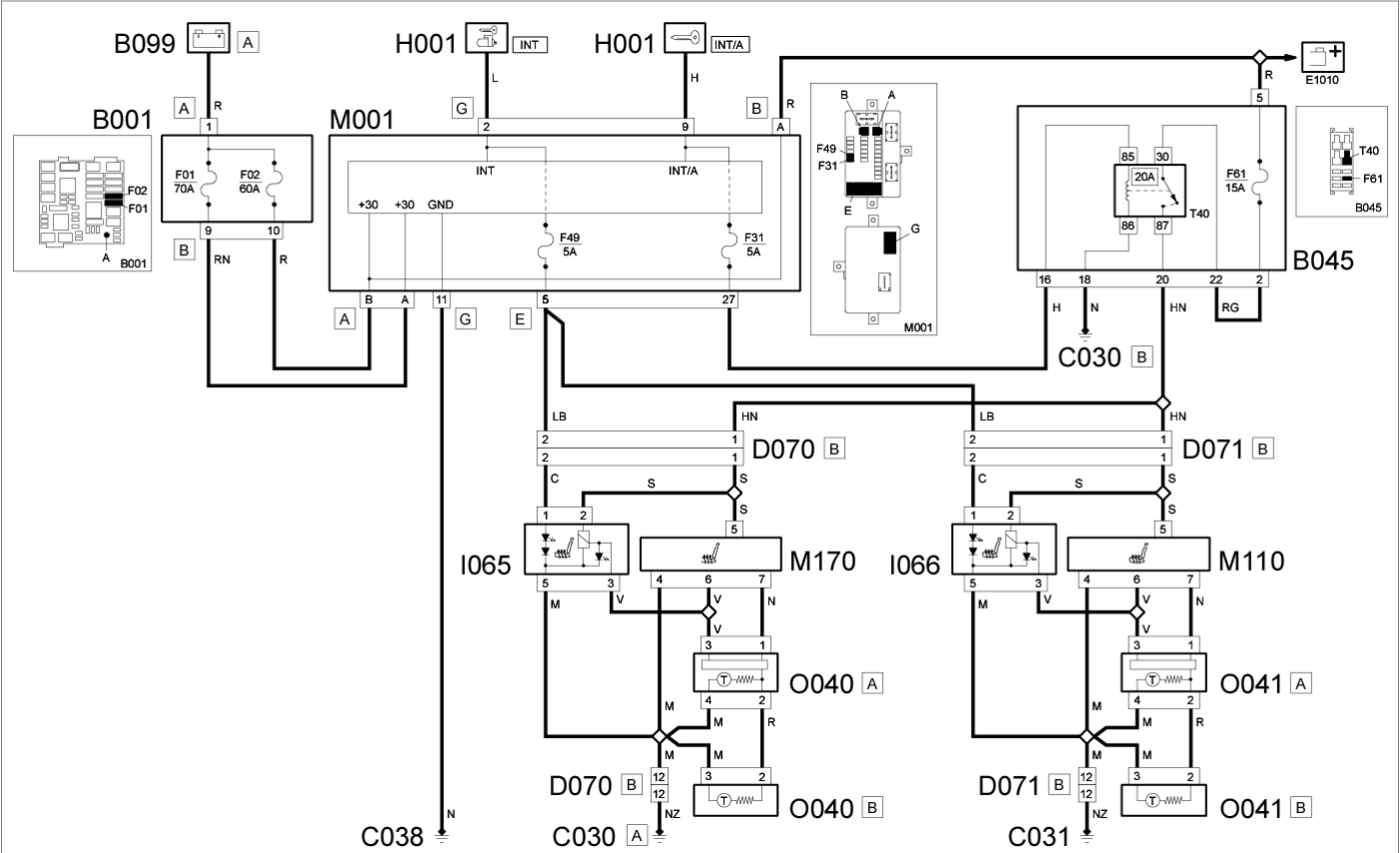
The Body Computer M001 - connector A - receives a direct power supply from the battery through the line protected by maxi fuse F01 of the engine compartment junction unit B001.

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.

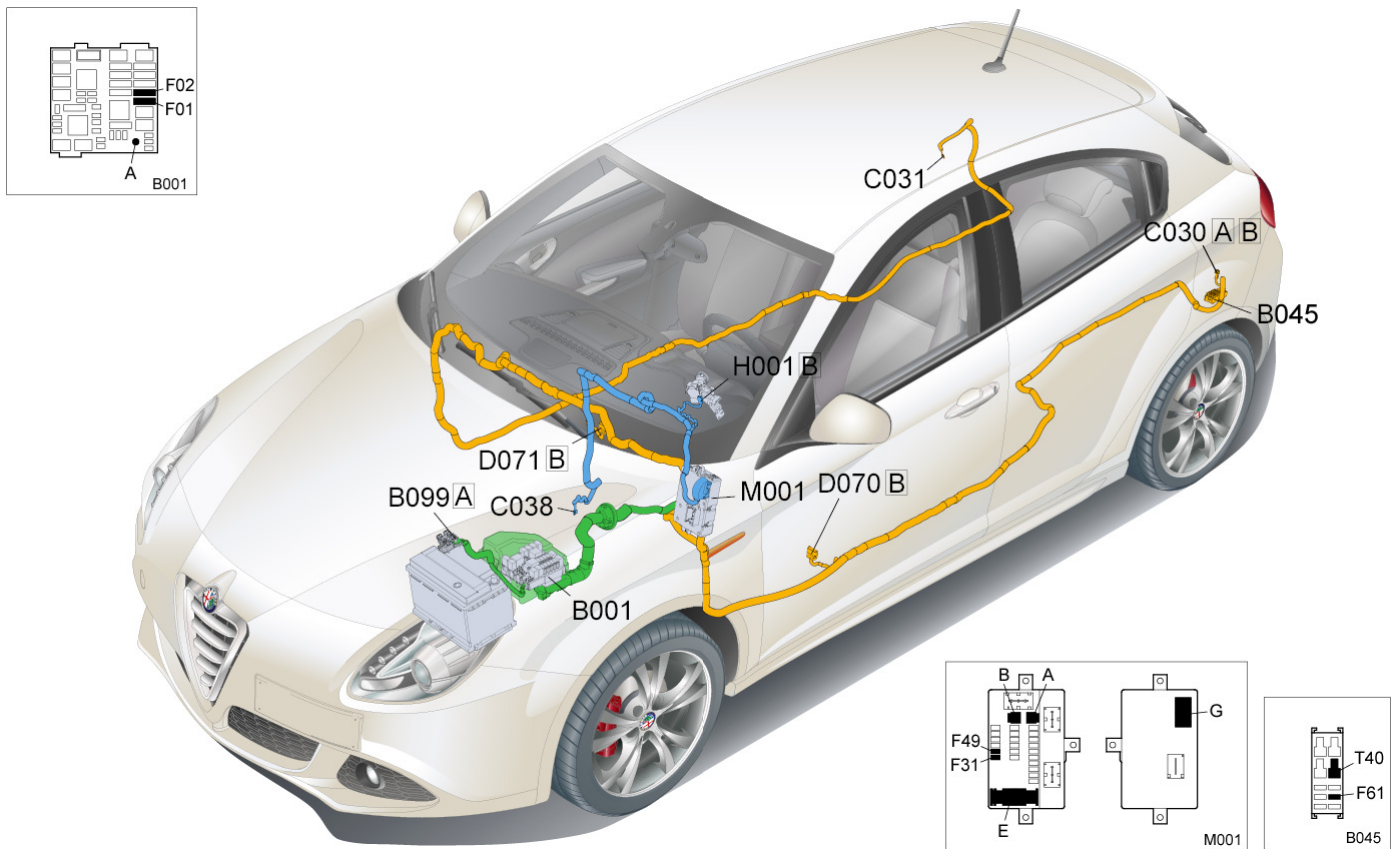
The control signals from the switches I065 and I066 supply the resistances of O040 and O041 through the control of thermostats M170 and M110. The switches I065 and I066 receive a power supply and are also lit from the ignition-operated (INT) line protected by fuse F49 of M001.

HEATED SEATS - WIRING DIAGRAM



Component Code	Description	Reference to the operation
B001	JUNCTION UNIT	Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
B045	LUGGAGE COMPARTMENT JUNCTION UNIT	Op. 5505A14 SUPPLEMENTARY JUNCTION BOX IN LUGGAGE COMPARTMENT - R.R.
B099	MAXI FUSE BOX ON BATTERY	Op. 5530B40 SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
C030	LEFT REAR EARTH	-
C031	RIGHT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
D070	DRIVER'S SEAT COUPLING	-
D071	PASSENGER SEAT COUPLING	-
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
I065	SWITCH FOR DRIVER'S HEATED SEAT	Op. 7045M10 FRONT SEAT HEATING SYSTEM SWITCH, LEFT OR RIGHT - R+R
I066	SWITCH FOR HEATED PASSENGER SEAT	Op. 7045M10 FRONT SEAT HEATING SYSTEM SWITCH, LEFT OR RIGHT - R+R
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
M110	FRONT PASSENGER SEAT HEATER CONTROL UNIT	Op. 7045M32 ELECTRONIC THERMOSTAT FOR HEATING CIRCUIT OF ONE FRONT SEAT, LH OR RH R R
M170	DRIVER'S FRONT SEAT HEATER CONTROL UNIT	Op. 7045M32 ELECTRONIC THERMOSTAT FOR HEATING CIRCUIT OF ONE FRONT SEAT, LH OR RH R R Op. 7045M22 HEATER PAD FOR FRONT SEAT CUSHION, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK
O040	LEFT SEAT HEATER	Op. 7045M26 FRONT SEAT BACKREST HEATER PAD, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK Op. 7045M22 HEATER PAD FOR FRONT SEAT CUSHION, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK
O041	PASSENGER SEAT HEATER	Op. 7045M26 FRONT SEAT BACKREST HEATER PAD, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK

HEATED SEATS - COMPONENT LOCATION



Component Code	Description	Reference to the operation
B001	JUNCTION UNIT	Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
B045	LUGGAGE COMPARTMENT JUNCTION UNIT	Op. 5505A14 SUPPLEMENTARY JUNCTION BOX IN LUGGAGE COMPARTMENT - R.R
B099	MAXI FUSE BOX ON BATTERY	Op. 5530B40 SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
C030	LEFT REAR EARTH	-
C031	RIGHT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
D070	DRIVER'S SEAT COUPLING	-
D071	PASSENGER SEAT COUPLING	-
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
I065	SWITCH FOR DRIVER'S HEATED SEAT	Op. 7045M10 FRONT SEAT HEATING SYSTEM SWITCH, LEFT OR RIGHT - R+R
I066	SWITCH FOR HEATED PASSENGER SEAT	Op. 7045M10 FRONT SEAT HEATING SYSTEM SWITCH, LEFT OR RIGHT - R+R
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
M110	FRONT PASSENGER SEAT HEATER CONTROL UNIT	Op. 7045M32 ELECTRONIC THERMOSTAT FOR HEATING CIRCUIT OF ONE FRONT SEAT, LH OR RH R R
M170	DRIVER'S FRONT SEAT HEATER CONTROL UNIT	Op. 7045M32 ELECTRONIC THERMOSTAT FOR HEATING CIRCUIT OF ONE FRONT SEAT, LH OR RH R R Op. 7045M22 HEATER PAD FOR FRONT SEAT CUSHION, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK
O040	LEFT SEAT HEATER	Op. 7045M26 FRONT SEAT BACKREST HEATER PAD, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK Op. 7045M22 HEATER PAD FOR FRONT SEAT CUSHION, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK
O041	PASSENGER SEAT HEATER	Op. 7045M26 FRONT SEAT BACKREST HEATER PAD, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK