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191 - Giulietta

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ELECTRICALLY-ADJUSTABLE SEATS - DESCRIPTION

The vehicle can be fitted with electrically adjustable front seats.

The two multifunction controls on each seat adjust and - for the driver's side only - memorise three different seat positions; in particular:

- front seat height adjustment;

- seat lengthwise movement;

- backrest angle adjustment;

- backrest lumbar adjustment.

Adjustment is possible with the ignition key in MAR-ON position or for one minute with the ignition key in STOP position or extracted.

When the front doors are opened the seat on the side of the door that has been opened can be moved for about 3 minutes or until the door is closed.

With ignition key at MAR-ON position all the seat controls can be operated only if the car is stopped (speed lower than 10 km/h).

To memorise a driver's seat position, adjust it with the various controls, then press one of the memorisation buttons for a few seconds.

To recall a memorised position, just press the relevant button briefly.

When a new seat position is memorised, the previously memorised position on the same button is automatically overwritten.

The seat moving system is protected by two dedicated fuses located in the luggage compartment fuse box.

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ELECTRICALLY-ADJUSTABLE SEATS - FUNCTIONAL DESCRIPTION

The driver's side seat H066 and passenger side seat H067 control units control the movement of their seat.

The two multifunction controls for the various functions are built into the control units themselves.

The power supply for H066 and H067 - at pin 9 of connector A - passes through the line protected by fuses F63 and F64, located in the luggage compartment fuse box B045.

Pin 8 of connector A and pin 5 of connector B of H066 and H067 are earthed.

Pins 5 and 6 of connector A of H066 and H067 are connected to the Body Computer M001 via the CAN.

See E1050 CAN CONNECTION LINES

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.

The two control units H066 and H607 control the various motors that move the seats in accordance with the logic described above:

- adjustment of the backrest angle: is controlled by motors N132 and N135;

- seat lengthwise movement: is controlled by motors N127 and N130;

- cushion height adjustment: is controlled by motors N126 and N129;

- lumbar adjustment: is controlled by motors N38 and N133.

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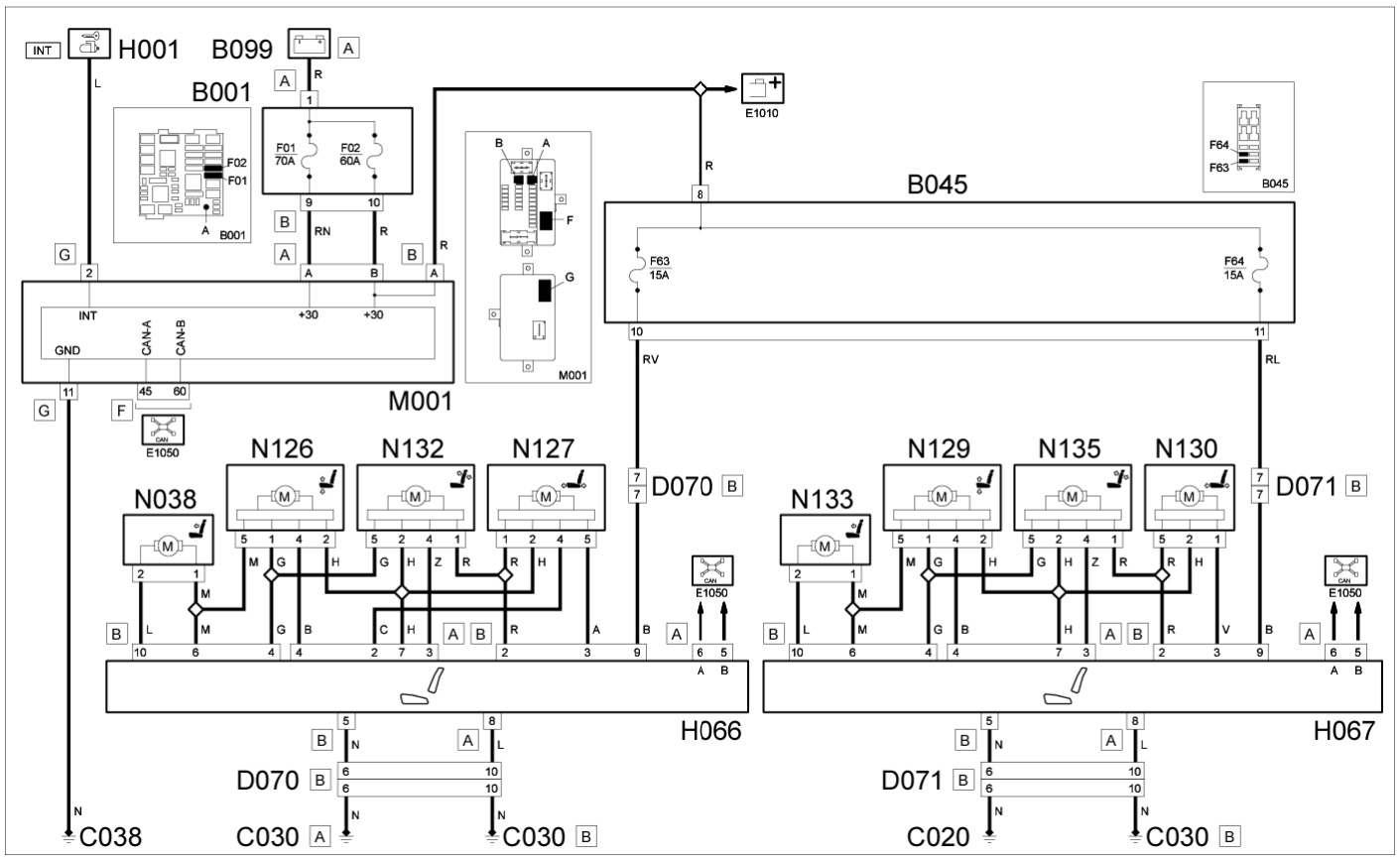
ELECTRICALLY-ADJUSTABLE SEATS - WIRING DIAGRAM



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
C020	PASSENGER SIDE DASHBOARD EARTH	-
C030	LEFT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
D070	DRIVER'S SEAT COUPLING	-
D071	PASSENGER SEAT COUPLING	-
H001	IGNITION SWITCH	Op. 5520A10 IGNITION SWITCH ASSEMBLY - R+R
H066	DRIVER'S SEAT MOVEMENT CONTROLS	Op. 7045J36 SEAT MOVEMENT ECU R R FOLLOWING ELECTRICAL CIRCUIT CHECK
H067	PASSENGER SEAT MOVEMENT CONTROLS	Op. 7045J36 SEAT MOVEMENT ECU R R FOLLOWING ELECTRICAL CIRCUIT CHECK
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
N038	DRIVER'S SEAT LUMBAR ADJUSTMENT MOTOR	Op. 7045J40 FRONT SEAT LUMBAR ADJUSTMENT MOTOR, L.H. OR R.H. - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK
N126	DRIVER'S SIDE FRONT SEAT FRONT HEIGHT ADJUSTMENT MOTOR	Op. 7045J30 FRONT SEAT LIFTING MOTOR, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL WIRING CHECK
N127	DRIVER'S SEAT SLIDING ADJUSTMENT MOTOR	Op. 7045J26 FRONT SEAT SLIDE MOTOR, L/H OR R/H - R+R FOLLOWING ELECTRICAL WIRING CHECK
N129	PASSENGER SIDE FRONT SEAT FRONT HEIGHT ADJUSTMENT MOTOR	Op. 7045J30 FRONT SEAT LIFTING MOTOR, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL WIRING CHECK
N130	PASSENGER SIDE SEAT SLIDE ADJUSTMENT MOTOR	Op. 7045J26 FRONT SEAT SLIDE MOTOR, L/H OR R/H - R+R FOLLOWING ELECTRICAL WIRING CHECK
N132	DRIVER'S SEAT BACKREST ADJUSTMENT MOTOR	Op. 7045J34 FRONT SEAT BACKREST ANGLE MOTOR, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL WIRING CHECK
N133	PASSENGER SEAT LUMBAR ADJUSTMENT MOTOR	Op. 7045J40 FRONT SEAT LUMBAR ADJUSTMENT MOTOR, L.H. OR R.H. - R.R. FOLLOWING ELECTRICAL CIRCUIT CHECK
N135	PASSENGER SEAT BACKREST ADJUSTMENT MOTOR	Op. 7045J34 FRONT SEAT BACKREST ANGLE MOTOR, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL WIRING CHECK

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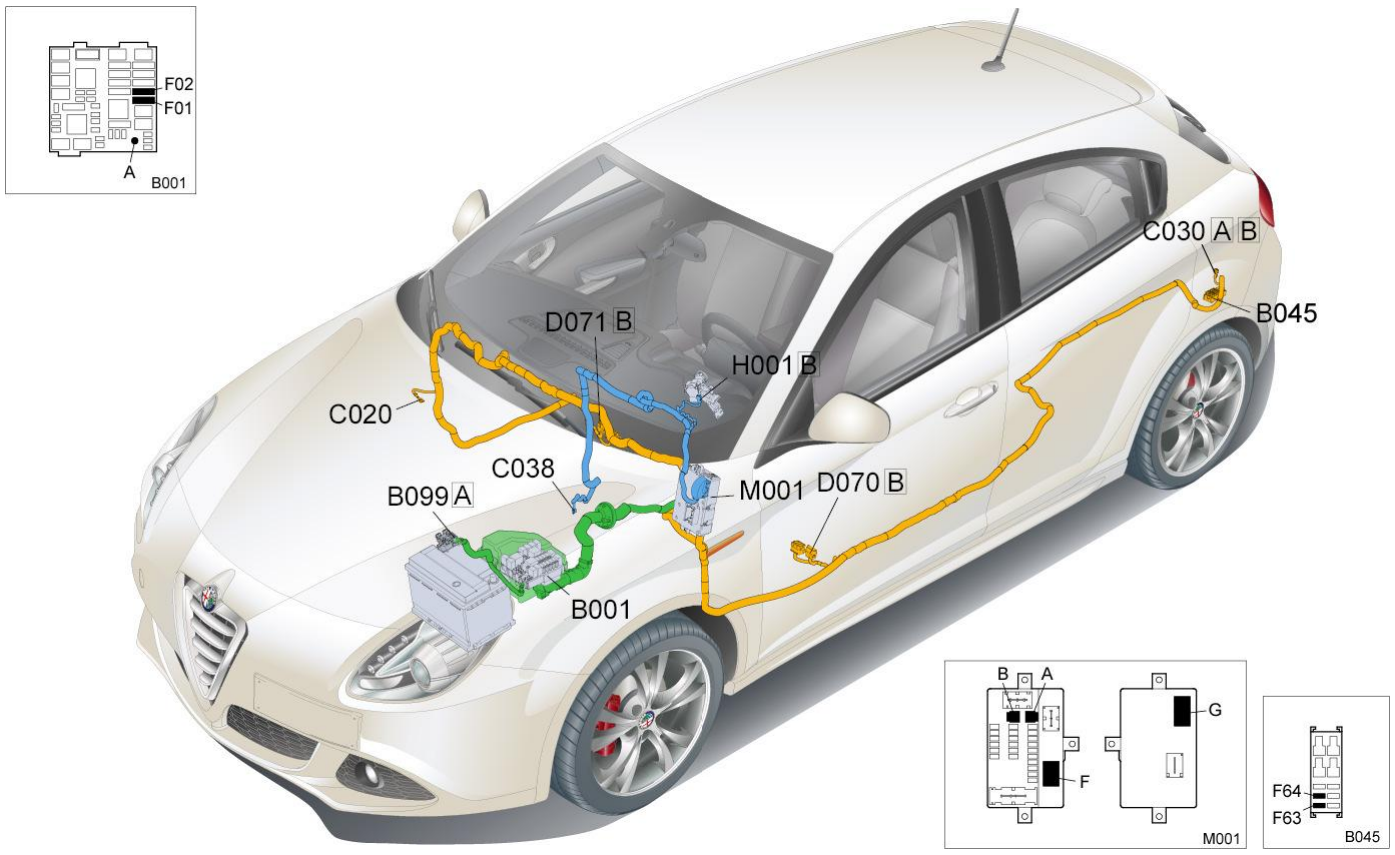
ELECTRICALLY-ADJUSTABLE SEATS - COMPONENT LOCATION



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N129	PASSENGER SIDE FRONT SEAT FRONT HEIGHT ADJUSTMENT MOTOR	Op. 7045J30 FRONT SEAT LIFTING MOTOR, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL WIRING CHECK
N130	PASSENGER SIDE SEAT SLIDE ADJUSTMENT MOTOR	Op. 7045J26 FRONT SEAT SLIDE MOTOR, L/H OR R/H - R+R FOLLOWING ELECTRICAL WIRING CHECK
N132	DRIVER'S SEAT BACKREST ADJUSTMENT MOTOR	Op. 7045J34 FRONT SEAT BACKREST ANGLE MOTOR, LEFT OR RIGHT - R.R. FOLLOWING ELECTRICAL WIRING CHECK
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