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APERTURA BAULE E SPORTELLO CARBURANTE

191 - Giulietta

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BOOT AND FUEL FLAP OPENING - DESCRIPTION

The boot opening geared motor is operated by:

- the remote control;

- the button on the tailgate logo.

The fuel flap is managed directly by the Body Computer and is therefore linked to the locked/unlocked status of the driver's door.

The fuel flap is unlocked when the driver's door is unlocked and locks automatically when the door is locked

See E3040 CENTRAL LOCKING

The opening of the boot using the remote control takes place in two ways.

- independently of the doors: there is a dedicated button on the remote control that allows only the boot to be unlocked: the boot is released and is raised slightly. The operation is signalled by the direction indicators flashing twice; when it is closed again the boot returns to the status prior to opening.

- together and at the same time as the unlocking of the doors: the tailgate is considered a third door to all intents and purposes: for the control logic.

See E3040 CENTRAL LOCKING

The instrument panel acquires the door status signal via the CAN and lights the "doors open" warning light and, at the same time, the specific "boot open" information is shown on the display; in addition, if one of the doors is open and the speed of the vehicle exceeds around 4 km/h, an acoustic warning is also emitted.

A special setup in the instrument panel can be used to activate or exclude the Autoclose function, i.e. automatic central locking whilst the vehicle is moving. This function allows the automatic locking of the doors and the boot to be activated when the speed exceeds 20 km/h.

The doors and the boot are automatically unlocked if the FPS is operated: the instrument panel receives an impact signal from the Air Bag control unit, switches on the warning light and notifies the Body Computer via the CAN.

The boot locking/unlocking circuit is protected by a specific fuse, located in the Body Computer.

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BOOT AND FUEL FLAP OPENING - OPERATIONAL DESCRIPTION

The boot opening/closing function is controlled by the Body Computer 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: 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 receives the following inputs:

- the lock/release signals from the aerial-receiver of remote control P093, which are connected to pins 15 and 30 of connector F of M001;

- the boot unlocking signal from the switch in the handle I033, at pin 34 of connector F of M001.

According to the logic illustrated, the Body Computer M001 controls the geared motor for lock N057 via the line - from pin 14 of connector E - controlled by relay T37d and supplied by fuse F38 of the Body Computer M001.

The boot open signal is sent by the lock N057 to pin 35 of connector F of M001.

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

The fuel flap opening motor N058 is operated using the same control logic as the driver's side front door lock, from pins 18 and 32 of connector E of M001, through the line controlled by relays T37a and T37b, and protected by fuse F38 of the Body Computer M001.

See E3040 CENTRAL LOCKING

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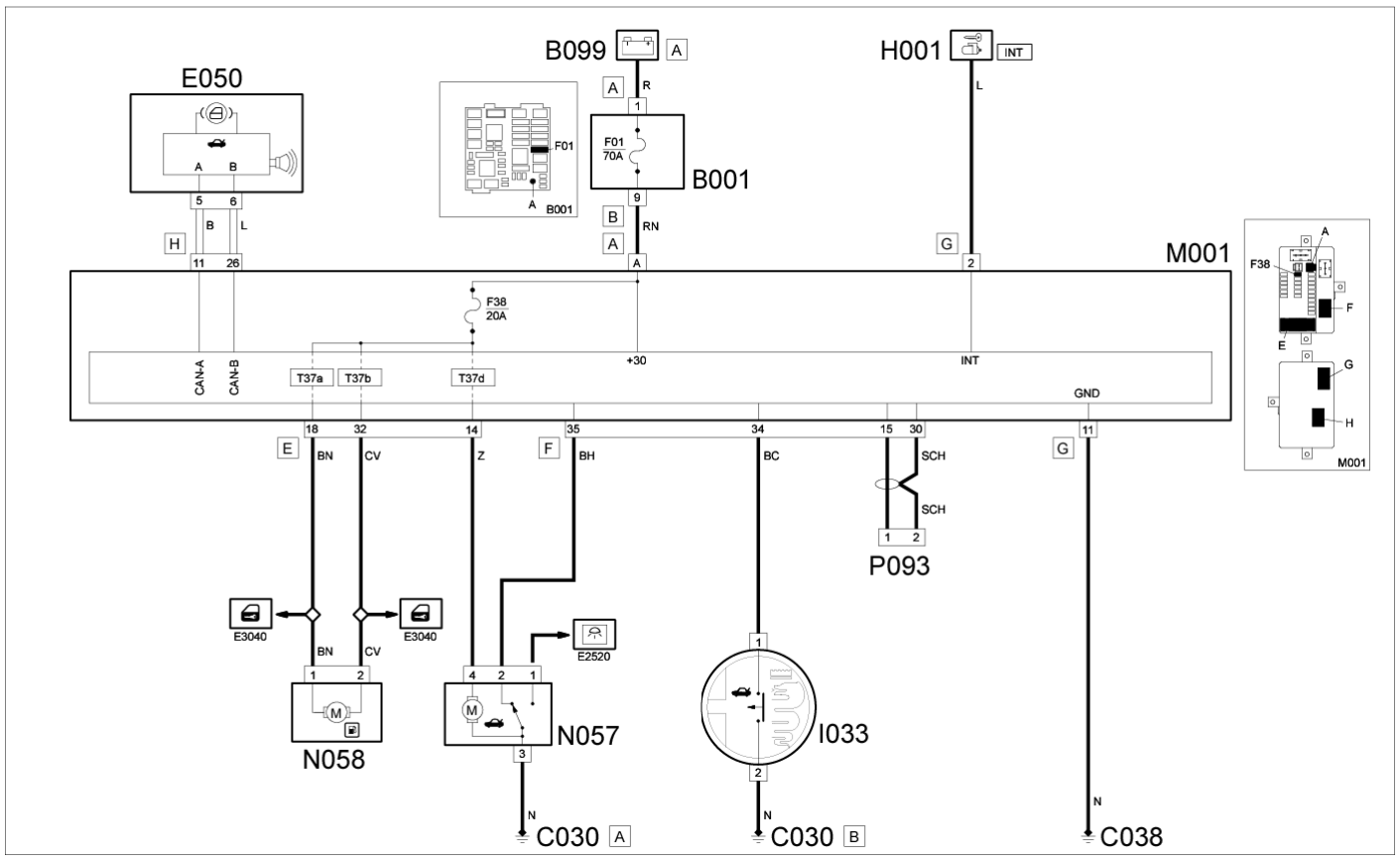
BOOT AND FUEL FLAP OPENING - WIRING DIAGRAM



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
C030	LEFT REAR EARTH	-
C038	EARTH ON CENTRE TUNNEL	-
E050	INSTRUMENT PANEL	Op. 5560B10 CONTROL PANEL - R+R
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
I033	SWITCH ON BOOT OUTER HANDLE	Op. 7015B48 TAILGATE OPENING CONTROL - R.R.
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
N057	BOOT LOCK GEARED MOTOR	Op. 7015B10 SINGLE TAILGATE LOCK - R+R OR REPAIR WITH PANEL/PROTECTION REMOVED
N058	FUEL FILLER FLAP LOCK GEARED MOTOR	Op. 7025C40 FUEL FILLER FLAP CONTROL MOTOR - R+R AND CHECK LOCK SUPPLY LINE
P093	AERIAL FOR ALARM AND CENTRAL LOCKING RECEIVER	-

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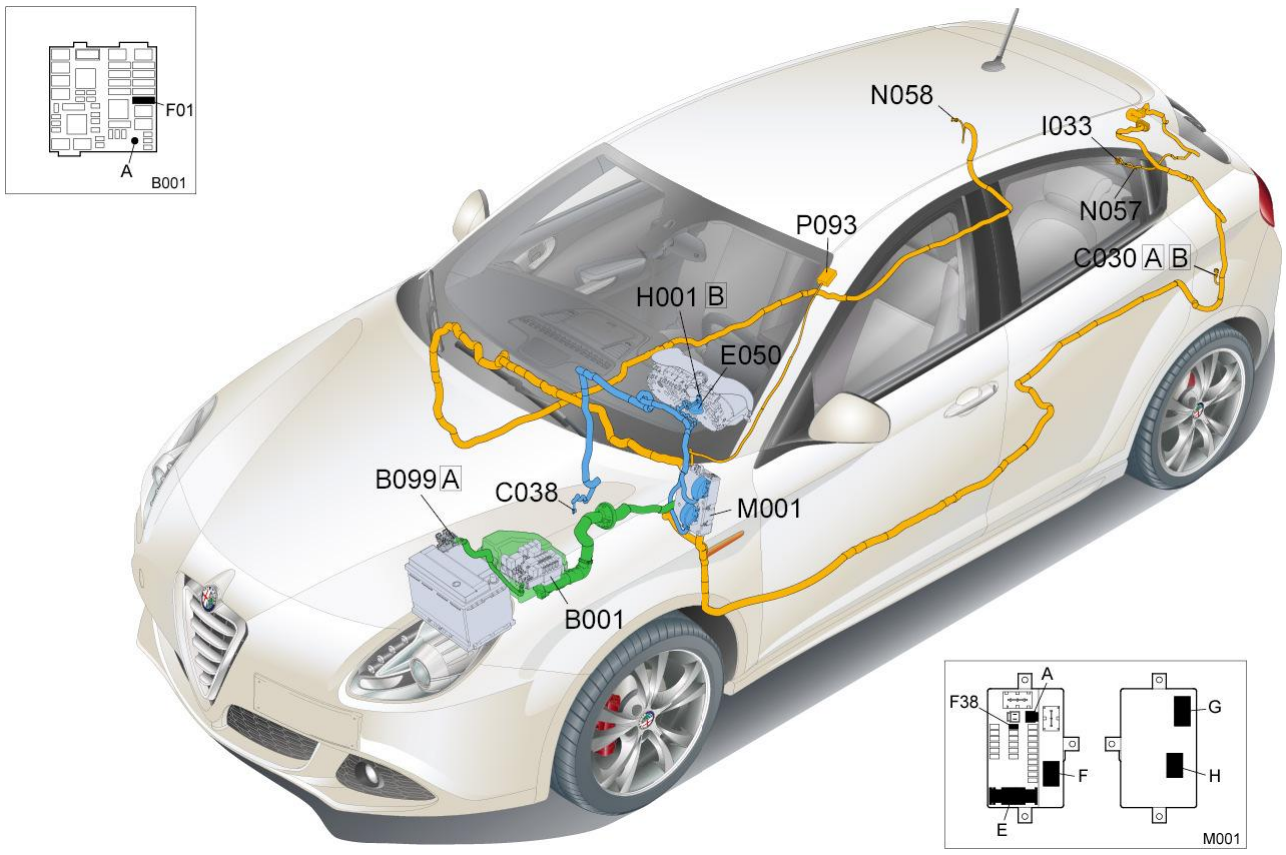
BOOT AND FUEL FLAP OPENING - COMPONENT LOCATION



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