



LAVAFARI

191 - Giulietta

HEADLAMP WASHER - DESCRIPTION

The headlamp washer device cleans the headlamp lenses as the windscreen is being cleaned.

The headlamp washer function is managed by the Body Computer which automatically activates the headlamp washer, with the dipped beam headlights on, when the windscreen washers are activated through the lever on the right of the steering wheel.

The headlamp washer consists of a pump that sends detergent to two nozzles located in the bumpers which spray a powerful jet onto the headlamps.

A timer activates the headlamp washer pump by means of a series of impulses lasting about half a second.

The headlamp washer circuit is protected by a fuse in the engine compartment junction unit and regulated by a special relay switch outside it.

HEADLAMP WASHER - FUNCTIONAL DESCRIPTION

Relay switch T02 in the engine compartment junction unit B001 is supplied by the line for fuse F09 in the engine compartment junction unit B001, whilst the energising is, in turn, supplied by the ignition-operated (INT) line protected by fuse F51 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.

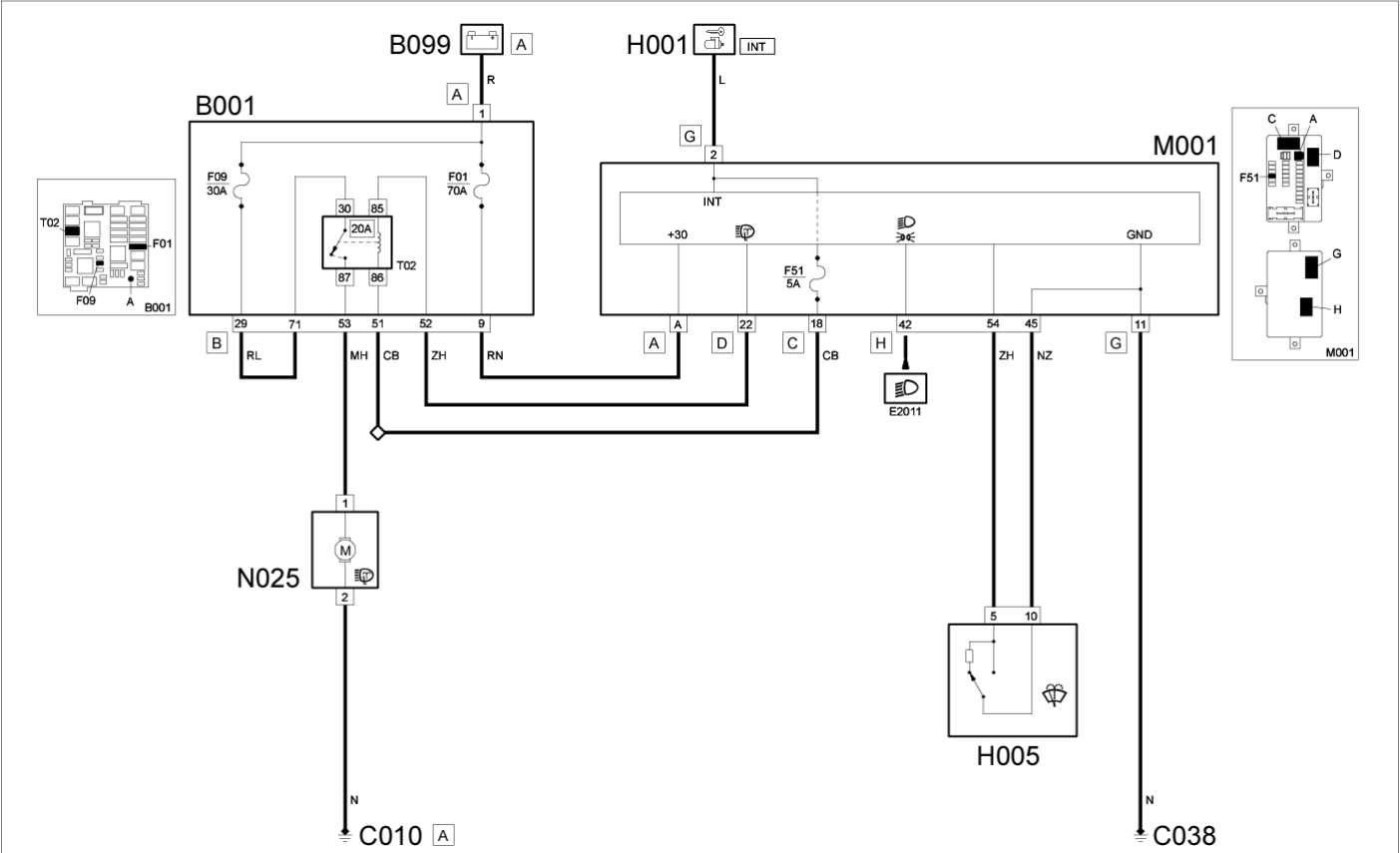
The Body Computer M001 receives an ignition-operated power supply (INT) at pin 2 of connector G: this signal is used, amongst other things, to "wake up the network".

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

Relay switch T02 of B001 is energised by a control signal coming from pin 22 of connector D of M001 and, as a result, directly activates the pump for the headlamp washer N025; this signal is sent, on the basis of the positive screen washer request signal coming from steering column stalk H005 - pin 5, to pin 54 of connector H of M001 in the presence of the dipped beam headlights on enablement (pin 42 of connector H of M001).

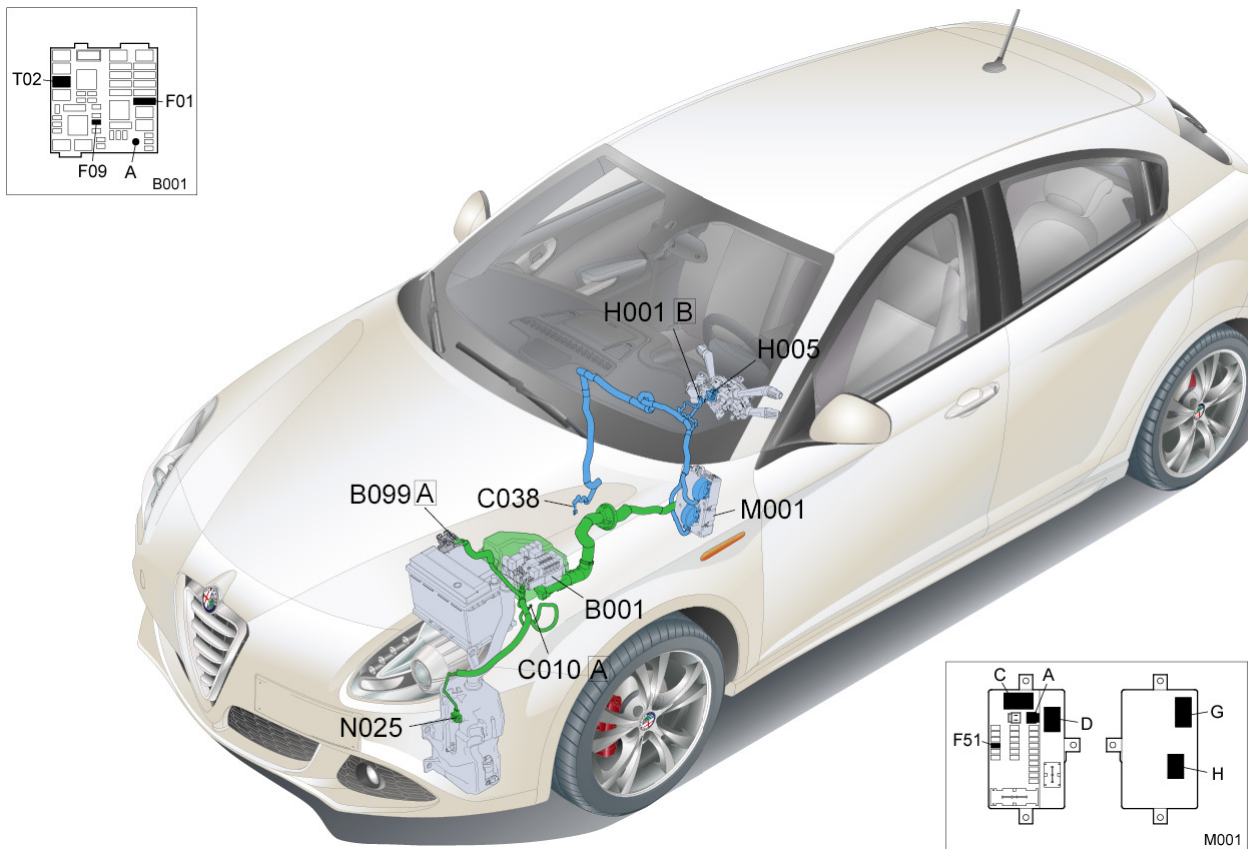
See E2011 DIPPED HEADLAMPS

HEADLAMP WASHER - 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	-
C038	EARTH ON CENTRE TUNNEL	-
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
H005	STEERING COLUMN SWITCH UNIT	Op. 5550A10 STALK UNIT ASSEMBLY - R+R
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
N025	HEADLAMP WASHER PUMP MOTOR	Op. 5050D20 HEADLAMP WASHER PUMP - R+R

HEADLAMP WASHER - COMPONENT LOCATION



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