



LUCI RETROMARCIA

191 - Giulietta

REVERSING LIGHTS - DESCRIPTION

The vehicle is equipped with two white reversing lights located in the rear light clusters, on the mobile section of the tailgate.

They are activated each time the reverse gear is engaged: this information is received through a switch located on the outside of the gearbox casing.

The reversing light switch is supplied by an ignition-operated line protected by a dedicated fuse in the Body Computer.

The reverse engagement signal is also sent to the engine management control unit and from this, via the CAN, to the Body Computer which switches on the lights in question and also controls the automatic operation of the rear screen wiper, the electrochromic rear view mirror and the parking sensor control unit.

See E3021 REAR WINDOW WASH/WIPE

See E3032 DOOR MIRROR ADJUSTMENT

See E3090 PARKING SENSOR

REVERSING LIGHTS - DESCRIPTION OF OPERATION

The switch for the reversing lights I020 receives an ignition-operated (INT) from the fuse line F51 of 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.

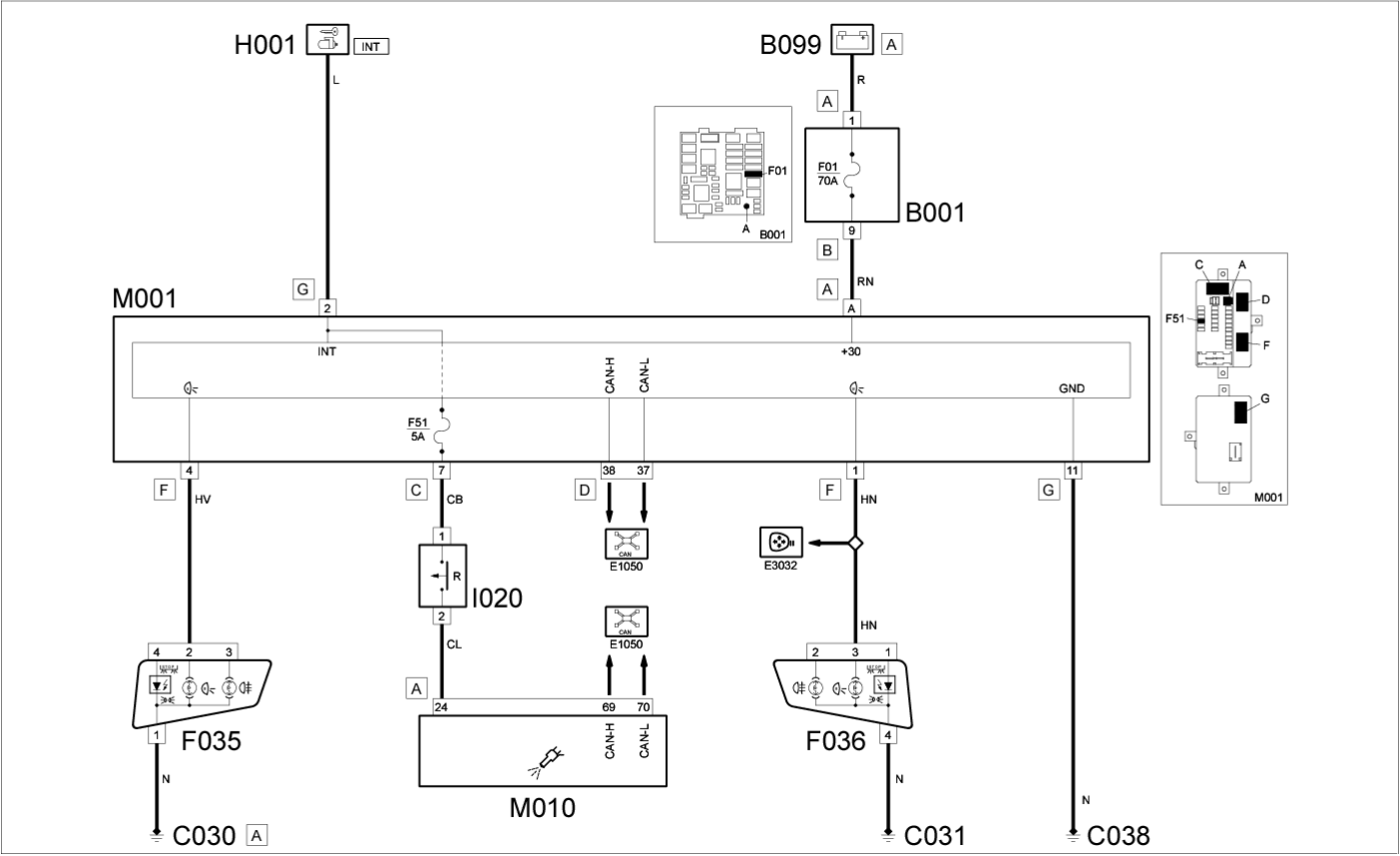
The Body Computer M001 receives an ignition-operated power supply (INT) at pin 2 of connector G: this signal is used, amongst other things, to "wake up the network".

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

When the reverse gear is engaged, the switch closes and sends a signal to the engine management control unit M010, pin 24 of connector A. From this unit the signal is then sent via the CAN to the Body Computer and to the other nodes involved.

The Body Computer M001 controls the power supply to the reversing lights in the mobile tail-lights F035 (left) and F036 (right) from pins 4 and 1 of connector F.

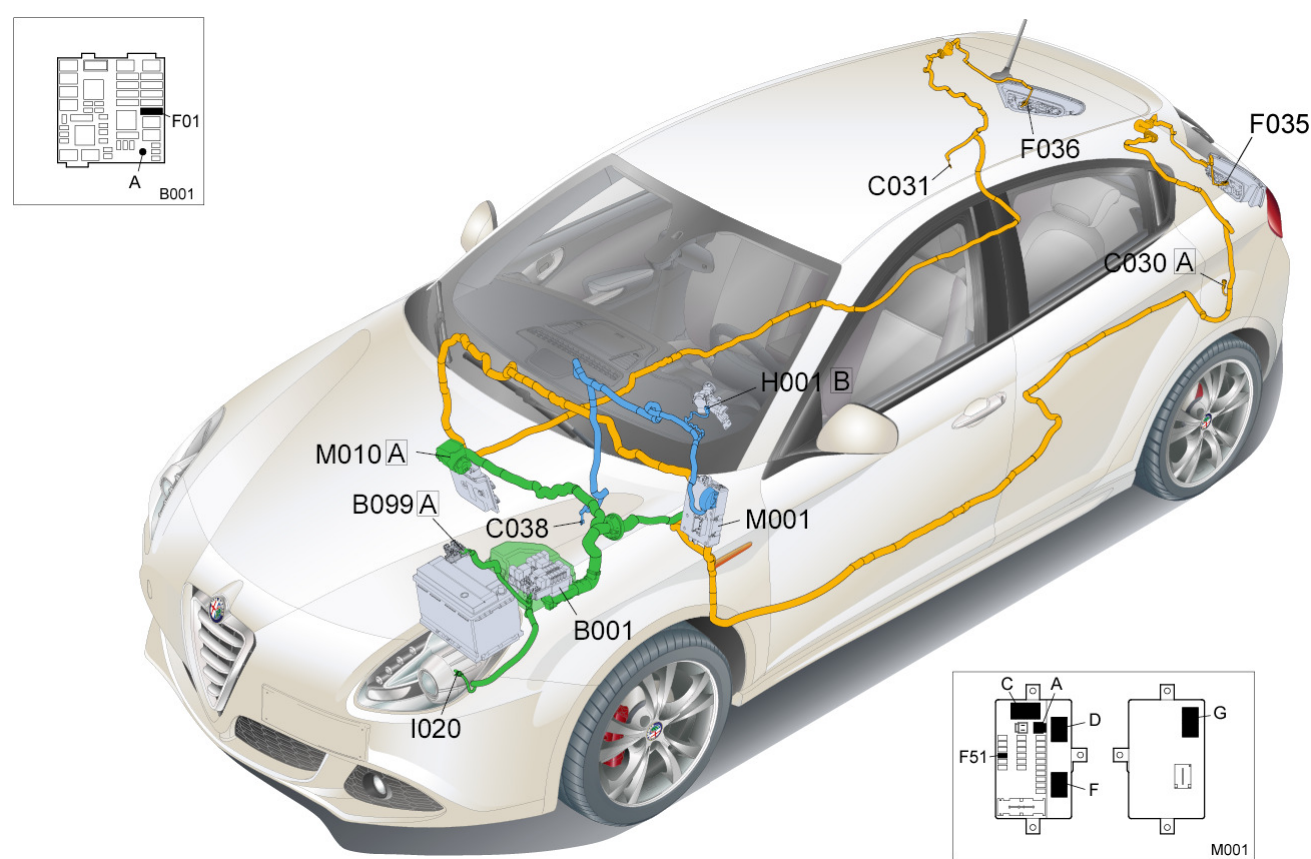
REVERSING LIGHTS - WIRING DIAGRAM



- B001 JUNCTION UNIT
- B099 MAXI FUSE BOX ON BATTERY
- C030 LEFT REAR EARTH
- C031 RIGHT REAR EARTH
- C038 EARTH ON CENTRE TUNNEL
- H001 IGNITION SWITCH
- I020 REVERSING LIGHTS SWITCH
- F035 LEFT REAR LIGHT CLUSTER (MOVING SECTION ON BOOT)
- F036 RIGHT REAR LIGHT CLUSTER (MOVING SECTION ON BOOT LID)
- M001 BODY COMPUTER
- M010 ENGINE MANAGEMENT CONTROL UNIT

- Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
- Op. 5530B40 SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
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- Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
- Op. 5550D22 REVERSING LIGHT SWITCH - R+R
- Op. 5540A68 INTERIOR REAR LIGHT (ONE), LEFT OR RIGHT - R.R.
- Op. 5540A68 INTERIOR REAR LIGHT (ONE), LEFT OR RIGHT - R.R.
- Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
- Op. 1056B82 INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R

REVERSING LIGHTS - LOCATION OF COMPONENTS



- B001

JUNCTION UNIT
- B099

MAXI FUSE BOX ON BATTERY
- C030

LEFT REAR EARTH
- C031

RIGHT REAR EARTH
- C038

EARTH ON CENTRE TUNNEL
- H001

IGNITION SWITCH
- I020

REVERSING LIGHTS SWITCH
- F035

LEFT REAR LIGHT CLUSTER (MOVING SECTION ON BOOT)
- F036

RIGHT REAR LIGHT CLUSTER (MOVING SECTION ON BOOT LID)
- M001

BODY COMPUTER
- M010

ENGINE MANAGEMENT CONTROL UNIT

- Op. 5505A28

CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
- Op. 5530B40

SUPPLY BOX ON BATTERY (LINK BATTERY AND FUSE BOX) - R R
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- Op. 5520A18

IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
- Op. 5550D22

REVERSING LIGHT SWITCH - R+R
- Op. 5540A68

INTERIOR REAR LIGHT (ONE), LEFT OR RIGHT - R.R.
- Op. 5540A68

INTERIOR REAR LIGHT (ONE), LEFT OR RIGHT - R.R.
- Op. 5505A35

MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
- Op. 1056B82

INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R