



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 reverse gear is engaged.

On versions with twin clutch transmission, this information comes from the transmission control unit.

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 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.

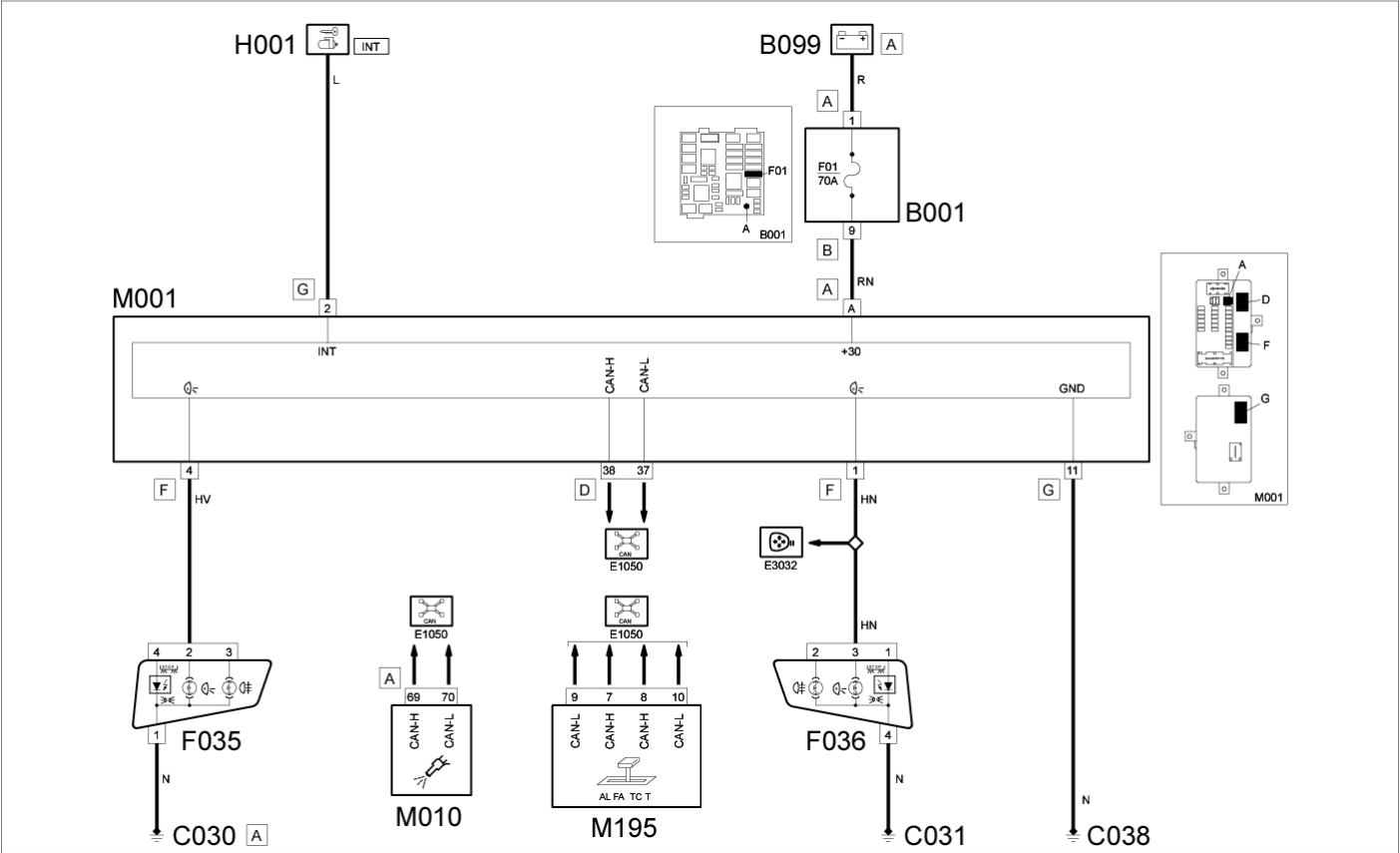
The Body Computer M001 receives an ignition-operated power supply (INT) at pin 2 of connector G: this signal is used, amongst other things, to "wake up the network".

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

In versions with twin clutch automatic transmission, the reversing light supply is sent by the Body Computer, which receives the reverse gear engaged signal via the CAN from the twin clutch automatic transmission control unit M196.

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
- 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
- M196

Dual clutch automatic 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. 5540A68

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

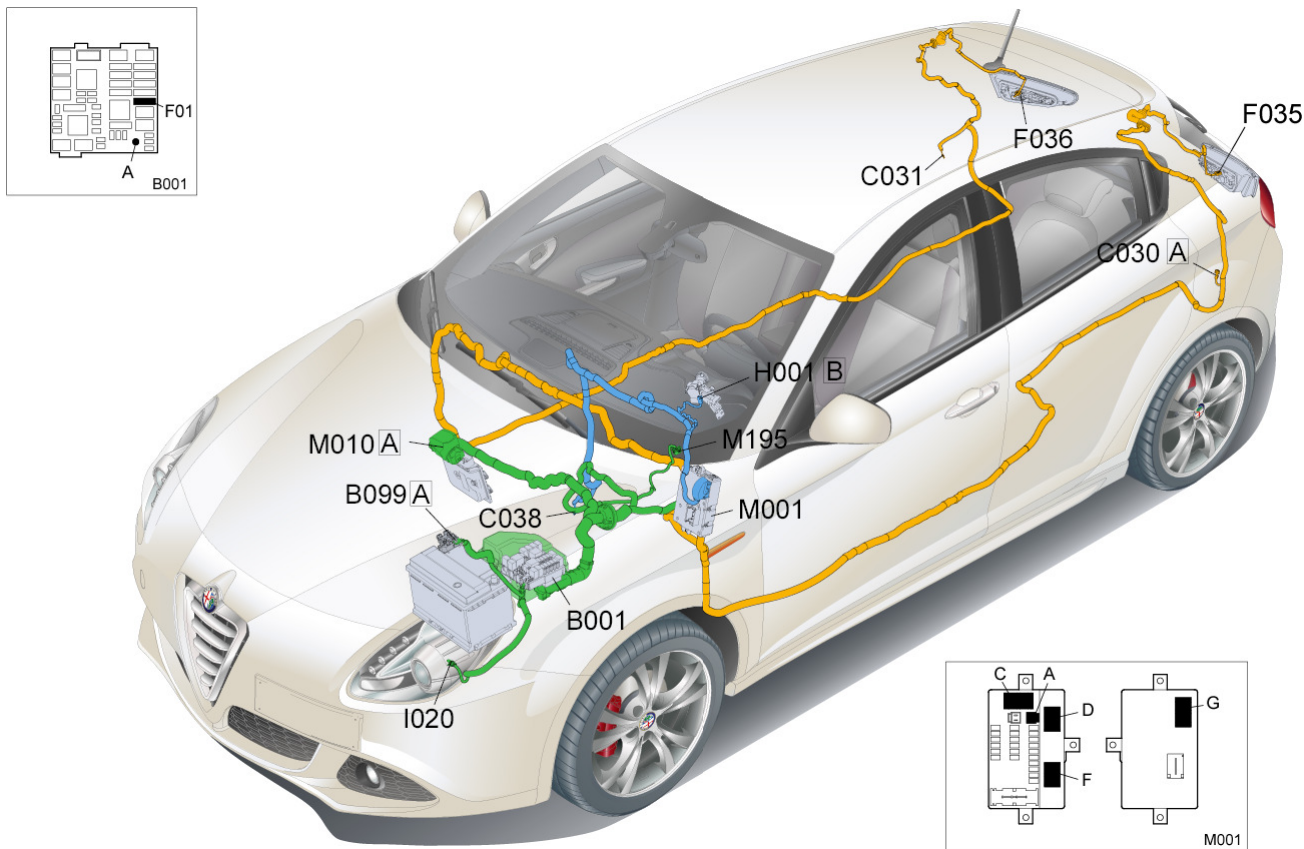
INTERIOR REAR LIGHT (ONE), LEFT OR RIGHT - R.R.
- Op. 5505A35

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

INJECTION/IGNITION SYSTEM E.C.U. (ONE) - R + R
- Op. 2128E01

ELECTRONIC CONTROL UNIT (TCU) - 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
- F035

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

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

BODY COMPUTER
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