



LUCI FENDINEBBIA

300 - Qubo

## FOG LIGHTS - DESCRIPTION

The vehicle is equipped with two additional fog lights, located in the front bumper.

The fog lights are activated via the dedicated button in the controls to the left of the steering wheel; when the lights are on, the warning light in the instrument panel comes on.

A dedicated relay located in the engine compartment junction unit controls the activation of the fog lights via a line protected by a dedicated fuse.

The relay is managed by the Body Computer; the energizing of the relay is activated by:

- key to ON enablement signal (INT);
- a control signal coming from the switch;
- the side lights on signal.

If the side lights are turned off, the fog lights are deactivated even if the operating button is still pressed. When the side lights are switched on again, the fog lights do not come on automatically, but only when the button is pressed again.

If the key is switched off (STOP position) and then switched back to ON, the relevant button must be activated again to turn on the fog lights.

## FOG LIGHTS - FUNCTIONAL DESCRIPTION

The (earth) signal activating the fog lights reaches pin 45 of connector D of M001 from the control button in the panel to the left of the steering wheel H091 - pin 7.

The reference earth reaches pin 1 of H091 from pin 37 of connector D 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-controlled (INT) power supply at pin 11 of connector E, whilst the ignition-controlled (INT/A) signal reaches pin 1 of connector E.

Pin 9 of connector E of M001 provides the Body Computer with a reference earth.

The side lights activation signal is sent to pin 38 of connector D of the M001 from the steering column switch unit H005.

See E2010 SIDE LIGHTS / NO. PLATE LIGHTS

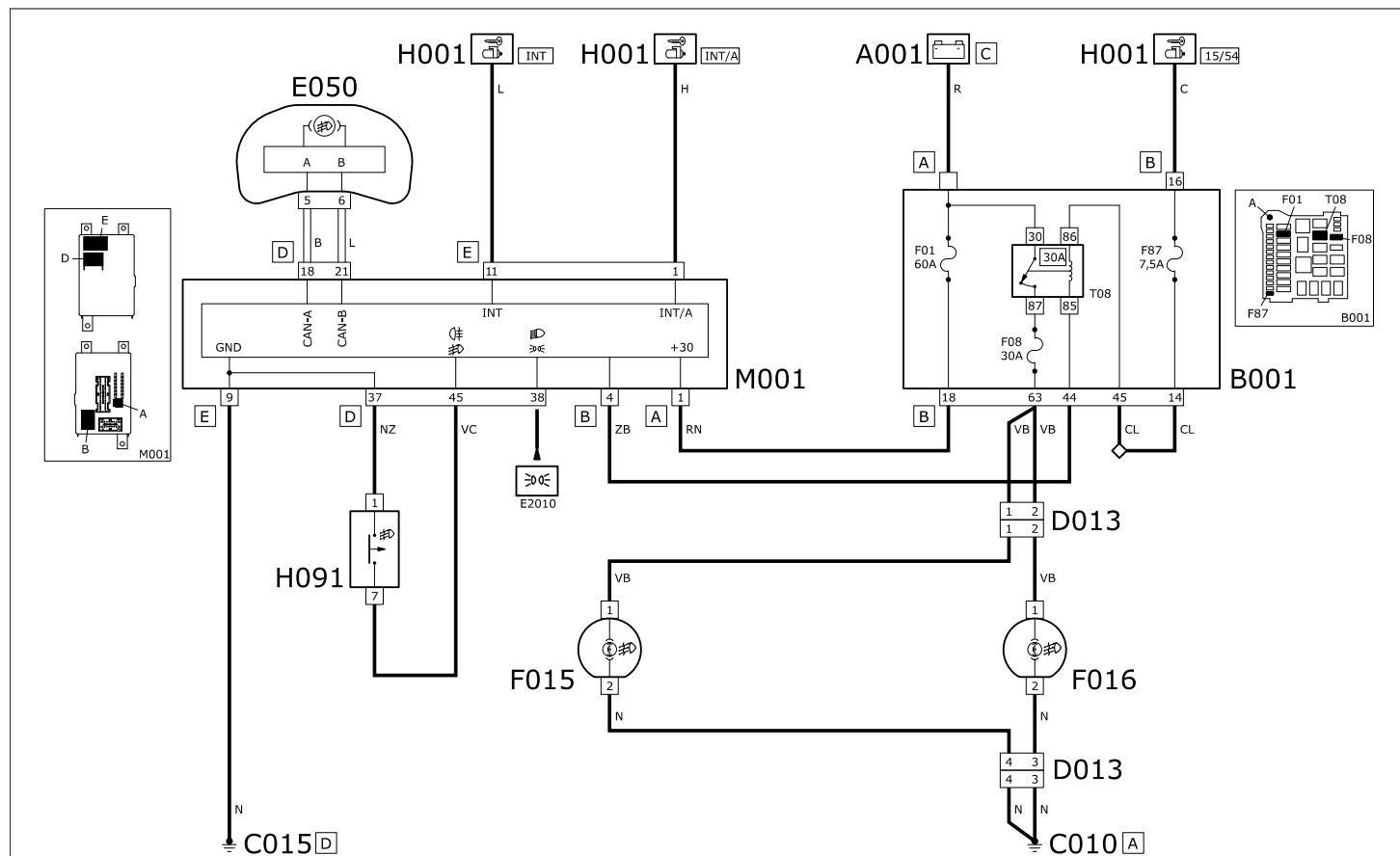
The Body Computer M001 controls the supply for the fog lights sending an earth signal to relay T08 in the engine compartment junction unit B001 - from pin 4 of connector B of M001.

The relay switch T08 is, in turn, supplied by the ignition-controlled (15/54) line protected by fuse F87 of the control unit B001.

This earth signal energises the relay switch T08: it supplies the left fog light F015 and the right fog light F016 through the line protected by fuse F08 of the junction unit B001.

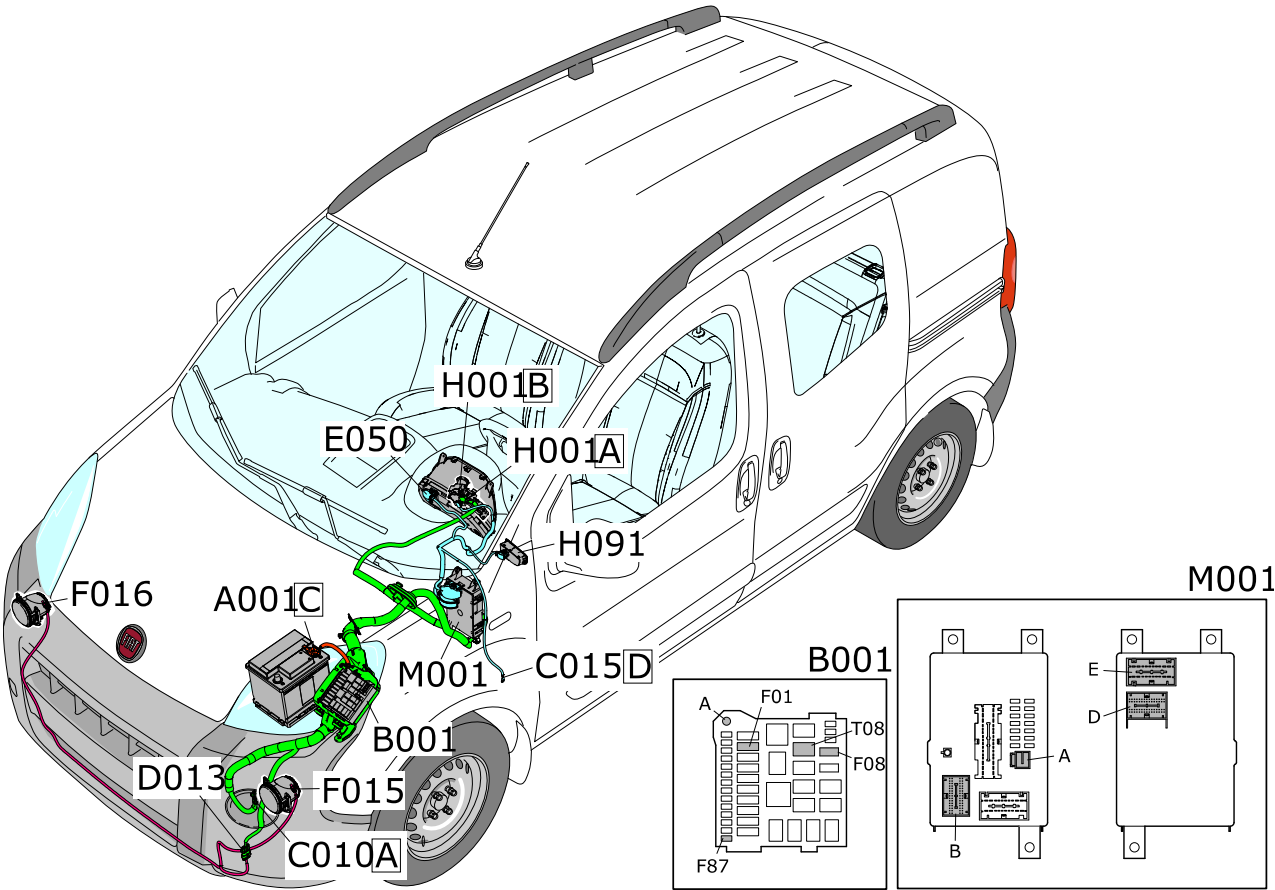
The Body Computer M001 is connected via the CAN line to the instrument panel E050 to manage the "fog lights on" warning light.

# FOG LIGHTS - WIRING DIAGRAM



Component Code	Description	Reference to the operation
A001	BATTERY	Op. 5530B10 BATTERY - R+R
B001	JUNCTION UNIT	Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
C010	LEFT FRONT EARTH	-
C015	DASHBOARD EARTH, DRIVER'S SIDE	-
D013	FRONT/BUMPER COUPLING	-
E050	INSTRUMENT PANEL	Op. 5560B10 CONTROL PANEL - R+R
F015	LEFT FOG LAMP	Op. 5540D10 L/H OR R/H FOG LIGHT (ONE) - R+R
F016	RIGHT FOG LAMP	Op. 5540D10 L/H OR R/H FOG LIGHT (ONE) - R+R
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
H091	LEFT CONTROL UNIT	Op. 7040A82 SWITCH UNIT ON LEFT SIDE OF DASHBOARD - R.R.
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.

FOG LIGHTS - COMPONENT LOCATION



Component Code	Description	Reference to the operation
A001	BATTERY	Op. 5530B10 BATTERY - R+R
B001	JUNCTION UNIT	Op. 5505A28 CONTAINER FOR ADDITIONAL JUNCTION UNIT IN ENGINE COMPARTMENT - R.R.
C010	LEFT FRONT EARTH	-
C015	DASHBOARD EARTH, DRIVER'S SIDE	-
D013	FRONT/BUMPER COUPLING	-
E050	INSTRUMENT PANEL	Op. 5560B10 CONTROL PANEL - R+R
F015	LEFT FOG LAMP	Op. 5540D10 L/H OR R/H FOG LIGHT (ONE) - R+R
F016	RIGHT FOG LAMP	Op. 5540D10 L/H OR R/H FOG LIGHT (ONE) - R+R
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
H091	LEFT CONTROL UNIT	Op. 7040A82 SWITCH UNIT ON LEFT SIDE OF DASHBOARD - R.R.
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.