



ALZACRISTALLI ANTERIORI

199 - Punto Evo/Punto M.Y. 2012

FRONT ELECTRIC WINDOWS - DESCRIPTION

The electric windows for the front doors are operated by means of the switches on the driver's door (both windows) and the passenger side (passenger side only).

The window is manually operated (the glass only moves up or down when the button is pressed).

The electric window function operates only with the ignition on, with the following exception: after a key-off, the windows can be operated for 3 minutes; when this time period elapses, the system no longer acquires new commands.

If one of the doors is opened during the timed period, new commands are longer acquired, but any commands received before the opening of the door are brought to a conclusion.

If one of the doors is already open at the key off, any commands received before the opening of the door are brought to a conclusion.

FRONT ELECTRIC WINDOWS - FUNCTIONAL DESCRIPTION

The Body Computer M001 - pin 14 of connector B - supplies the controls on the driver's door H044 - pin 1 and H050 pin 2 for the passenger side in accordance with the logic described above: this power supply also lights up the LEDs and supplies the controls.

The power supply is sent, via the line protected by fuses F47 and F48 of M001, from pins 19 and 18 of connector C of M001 directly to motors N060 and N061.

The Body Computer M001 - connector A - receives a direct power supply from the battery through the line protected by maxifuse F01 of the engine compartment control unit B001.

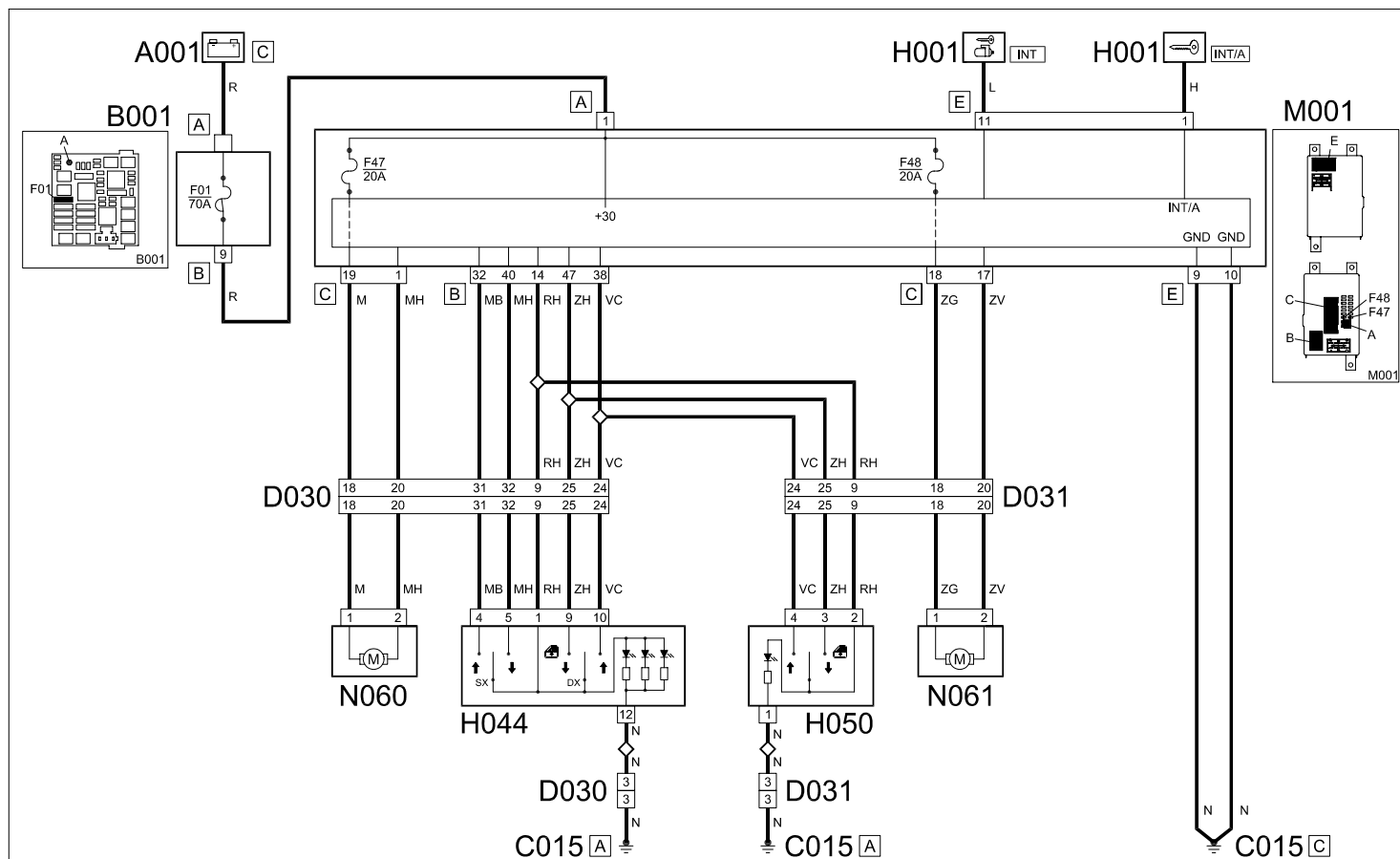
The Body Computer M001 receives an ignition-controlled (INT) power supply at pin 11 of connector E, whilst the ignition-controlled (INT/A) signal reaches pin 1 of connector E.

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

Control unit H044 controls the operation of the driver's side window and sends commands - from pins 4 and 5 - to the Body Computer, pins 32 and 40 of connector B, and from here directly to motor N060 - from pin 1 of connector C.

The commands for the passenger side window, incorporated in unit H044, are sent - from pins 9 and 10 - together with those from control unit H050 - from pins 4 and 3 - to the Body Computer, pins 38 and 47 of connector B, and from here to the motor N061 - from pin 17 of connector C.

FRONT ELECTRIC WINDOWS - WIRING DIAGRAM



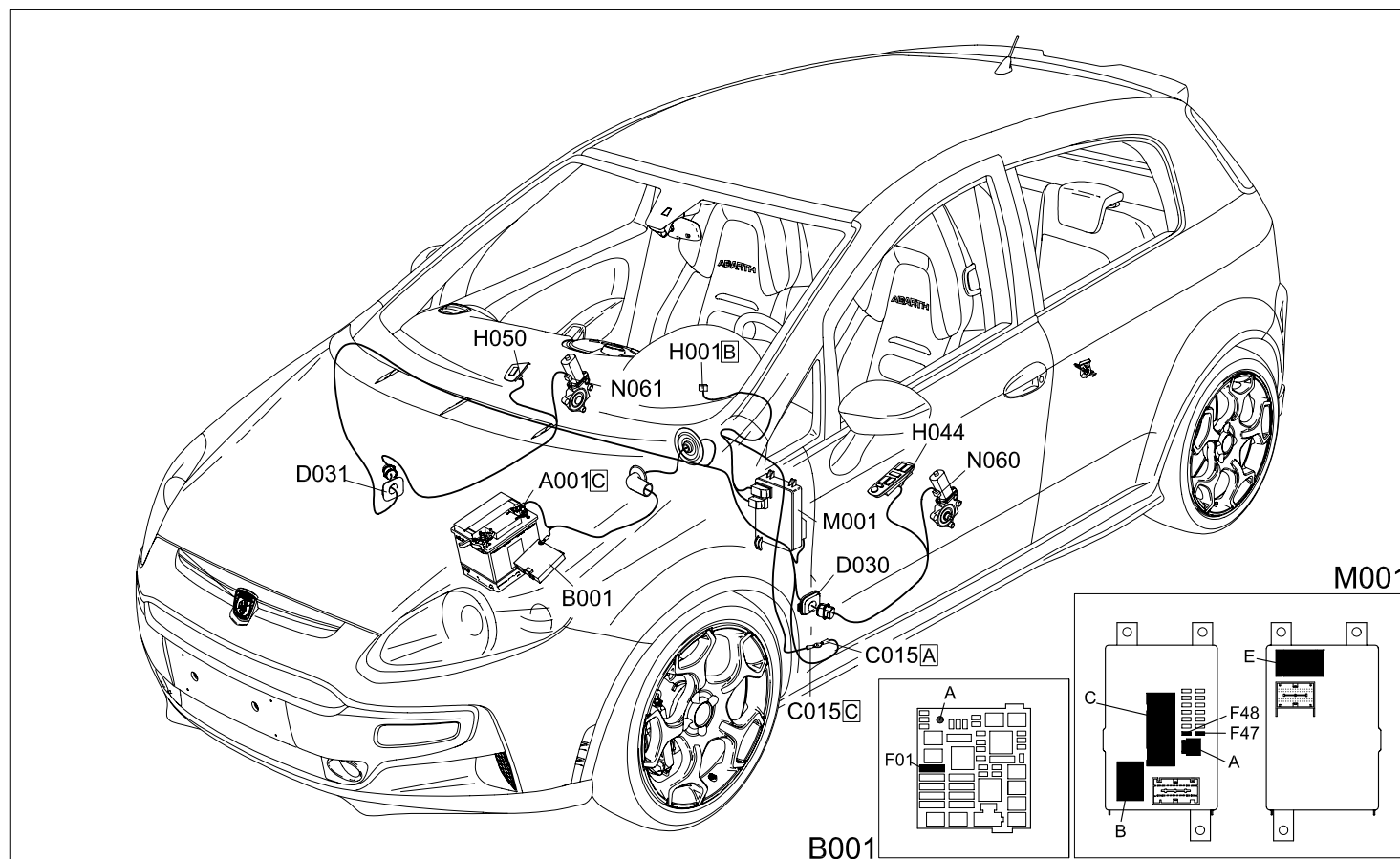
Component Code

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.
C015	DASHBOARD EARTH, DRIVER'S SIDE	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
E050	INSTRUMENT PANEL	
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
H044	ELECTRIC WINDOW CONTROLS ON FRONT DRIVER'S DOOR	Op. 7005M14 SWITCH UNIT ON DRIVER'S FRONT DOOR - R.R.
H050	ELECTRIC WINDOW SWITCH ON FRONT PASSENGER'S DOOR	Op. 7005M12 PASSENGER SIDE FRONT DOOR ELECTRICALLY OPERATED WINDOW SWITCH - R.R.
M001	BODY COMPUTER	Op. 5505A32 BODY COMPUTER - R.R.
N060	DRIVER'S FRONT ELECTRIC WINDOW MOTOR	Op. 7005M26 ELECTRIC WINDOW MECHANISM FOR ONE FRONT DOOR LH OR RH - R.R.
N061	RIGHT FRONT ELECTRIC WINDOW MOTOR	Op. 7005M26 ELECTRIC WINDOW MECHANISM FOR ONE FRONT DOOR LH OR RH - R.R.

FRONT ELECTRIC WINDOWS - 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.
C015	DASHBOARD EARTH, DRIVER'S SIDE	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
E050	INSTRUMENT PANEL	
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
H044	ELECTRIC WINDOW CONTROLS ON FRONT DRIVER'S DOOR	Op. 7005M14 SWITCH UNIT ON DRIVER'S FRONT DOOR - R.R.
H050	ELECTRIC WINDOW SWITCH ON FRONT PASSENGER'S DOOR	Op. 7005M12 PASSENGER SIDE FRONT DOOR ELECTRICALLY OPERATED WINDOW SWITCH - R.R.
M001	BODY COMPUTER	Op. 5505A32 BODY COMPUTER - R.R.
N060	DRIVER'S FRONT ELECTRIC WINDOW MOTOR	Op. 7005M26 ELECTRIC WINDOW MECHANISM FOR ONE FRONT DOOR LH OR RH - R.R.
N061	RIGHT FRONT ELECTRIC WINDOW MOTOR	Op. 7005M26 ELECTRIC WINDOW MECHANISM FOR ONE FRONT DOOR LH OR RH - R.R.