



RADIOTELEFONO INTEGRATO

191 - Giulietta

INTEGRATED RADIO PHONE - DESCRIPTION

The Blue&Me system allows mobile phones to be used on board the vehicle safely.

- Bluetooth receiver;
- integral Voice Recognition unit including microphone (located next to the front courtesy light);
- integrated Text to Speech module;
- USB interface for Media Player.

The control unit that manages the entire system is also connected to the radio controls on the steering wheel (there are two special buttons for this function in addition to the radio control buttons).

The entire operation of the system is also managed by voice commands, received by the microphone near the front courtesy light.

The alphanumeric display used is that of the control panel.

See descriptions 5560 INSTRUMENTS

For more details on the operation of the system

See descriptions 5570 ACCESSORIES

INTEGRATED RADIO PHONE - DESCRIPTION OF OPERATION

The Bluetooth control unit M162 is supplied directly - pin 16 - from the battery via the line for fuse F36 of the Body Computer M001.

The Bluetooth control unit M162 receives an ignition-operated (INT) supply - pin 32 - via the line for fuse F51 of the Body Computer M1.

Pin 15 of M162 is earthed.

The CAN line that connects the Bluetooth control unit M162 to the radio P020, the Body Computer M001 - pins 10 and 25 of connector H- and to the other system nodes reaches pins 14 and 30 of M162.

The Body Computer M001 is connected to the radio controls on the steering wheel through the clock spring D047: pin 53 of connector H provides the reference earth at pin 6 of D047; pin 51 of connector H of M001 receives the signals from the buttons to the right of the steering wheel, whilst pin 38 of connector H of M001 receives the signals from the buttons to the left of the steering wheel.

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".

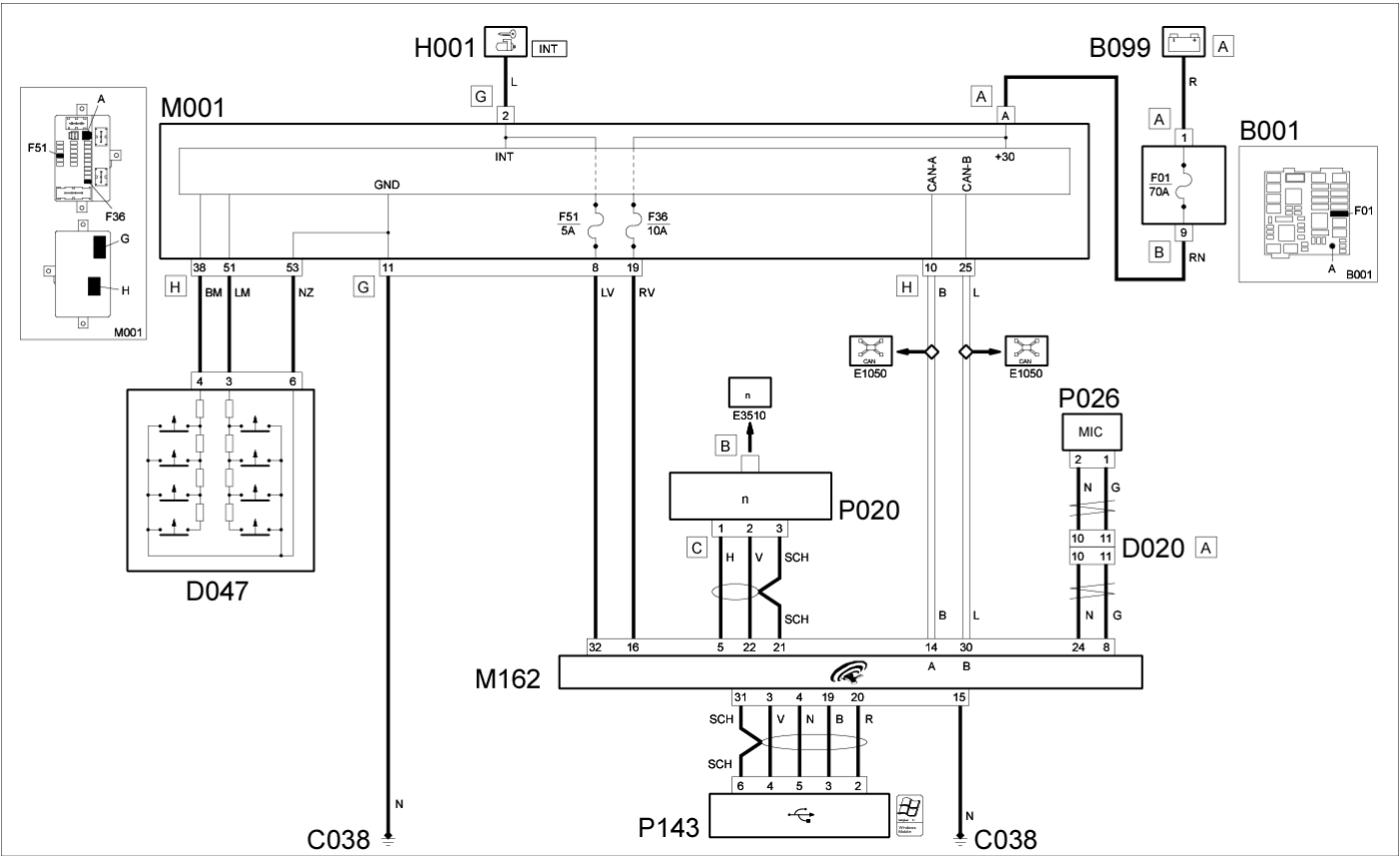
Pin 11 of connector G of M001 provides the Body Computer with a reference earth.

The Bluetooth control unit M162 is connected to the radio P020 - connector C - from pins 5, 22 and 21 with the AUX left, AUX right and AUX earth signals.

The Media Player USB socket P143 is connected to the Bluetooth control unit M162, at pins 3, 4, 19, 20 and 31 respectively, with signals: signal D+, reference earth, signal D-, 5V power supply and shielding.

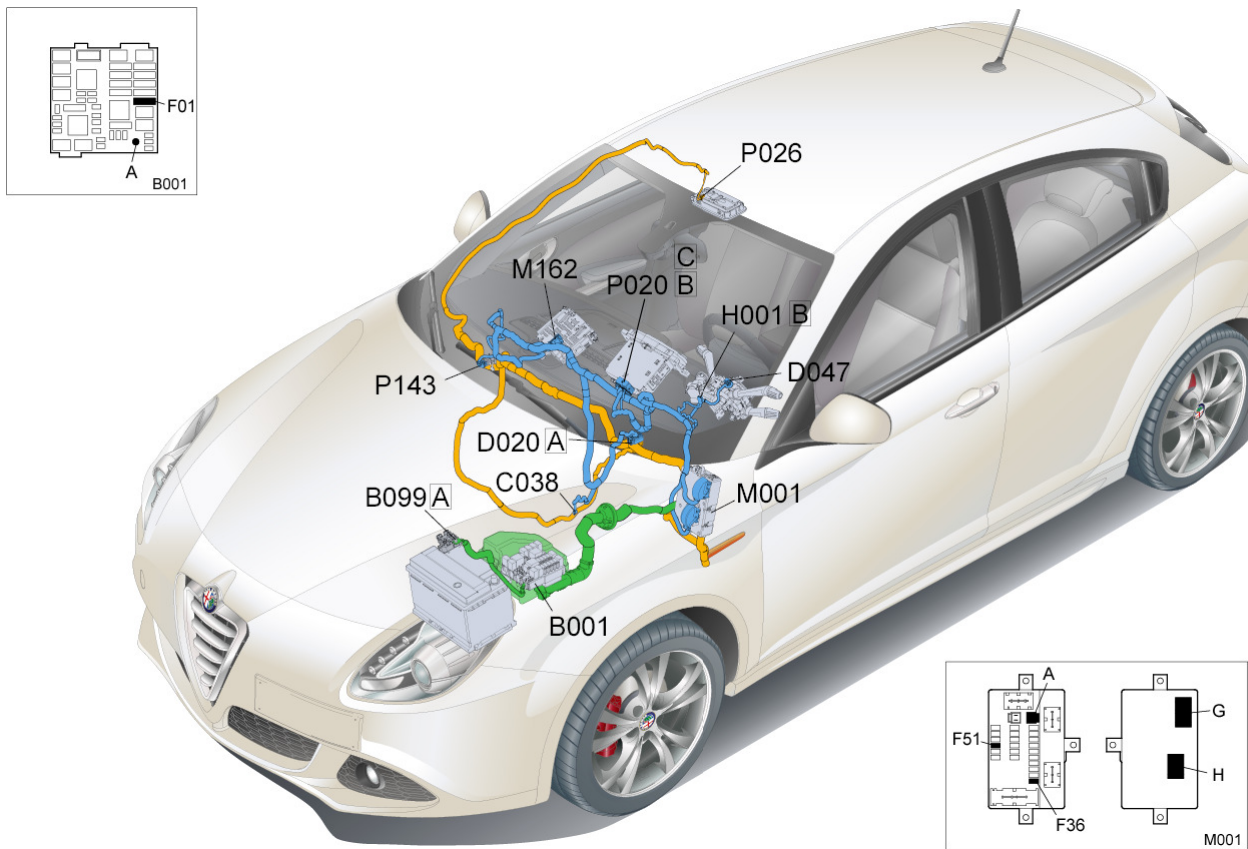
The hands-free microphone P026 is connected to pins 8 and 24 of M162.

INTEGRATED RADIO PHONE - 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
C038	EARTH ON CENTRE TUNNEL	-
D020	DASHBOARD/REAR COUPLING	-
D047	CLOCK SPRING COUPLING	Op. 5550A10 STALK UNIT ASSEMBLY - R+R
H001	IGNITION SWITCH	Op. 5520A18 IGNITION SWITCH CONTACT CARRIER LOCK BARREL - R.R.
M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
M162	BLUETOOTH CONTROL UNIT	Op. 5570T49 BLUETOOTH ELECTRONIC CONTROL UNIT - R.R.
P020	CAR RADIO	Op. 5570T80 CAR RADIO EQUIPMENT - R+R
P026	HANDSFREE MICROPHONE	Op. 7040E10 FRONT COURTESY LIGHT - R+R
P143	USB PORT	Op. 5570T55 BLUE &ME USB PORT - R.R.

INTEGRATED RADIO PHONE - COMPONENT LOCATION



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M001	BODY COMPUTER	Op. 5505A35 MAIN BODY COMPUTER/JUNCTION UNIT - R.R.
M162	BLUETOOTH CONTROL UNIT	Op. 5570T49 BLUETOOTH ELECTRONIC CONTROL UNIT - R.R.
P020	CAR RADIO	Op. 5570T80 CAR RADIO EQUIPMENT - R+R
P026	HANDSFREE MICROPHONE	Op. 7040E10 FRONT COURTESY LIGHT - R+R
P143	USB PORT	Op. 5570T55 BLUE &ME USB PORT - R.R.