



AUTORADIO

150 - 500

## RADIO - DESCRIPTION

The vehicle can also be equipped, on request, solely with the preparatory wiring for a radio (opt. 082) that includes a simple power supply for the radio that is not present on the vehicle but installed as an aftermarket accessory, according to the following ISO standard pinout:

- pin A1 : n.c.
- pin A2 : n.c.
- pin A3 : n.c.
- pin A4: direct power supply (+30)
- pin A5 : aerial supply
- pin A6 : control lighting
- pin A7: ignition-controlled power supply INT (+15)
- pin A8 : earth

The pins connected with the speakers are the same as the standard version (pins B1-B8).

 The radio installed in the AFTERMARKET is therefore not a CAN node through which information is exchanged with the Body Computer and with the other electronic units.

The vehicle is equipped with wiring comprising:

- 2 mid-woofer front speakers located in the doors;
- 2 tweeters located in the front pillars near the rear view mirror triangles;
- cables connecting the radio with the speakers;
- stylus aerial with support mounted at the rear of the roof, coaxial cable and supply lead for aerial.

See descriptions 5570 ACCESSORIES

In the above version with a Start&Stop device, to prevent the radio functions/services (event if aftermarket) being lost by the drop in voltage which may be detected during the initial stages of engine starting, a solution has been implemented to supply power to the secondary loads, managed by a voltage stabiliser.

See E5010 STARTING AND RECHARGING

## RADIO - FUNCTIONAL DESCRIPTION

In the above version with a Start&Stop device, radio P020 is supplied by voltage stabiliser M192. The stabiliser is directly supplied by the battery which prevents a drop in voltage during engine starting thus preventing the loss of audio system functions.

Voltage stabiliser M192 receives (pin 8) a supply from the battery line protected by fuse F36 of the Body Computer M001 (pin 12 of connector E). The stabiliser provides a constant power supply to radio P020 (pin A4 of connector A) from pin 1.

The voltage stabiliser M192 receives a vehicle starting signal (+50).

See E5010 STARTING AND RECHARGING

The radio P020 also receives an ignition-operated power supply (INT) at pin A7 of connector A along the line protected by fuse F51 also located in the Body Computer M001 (pin 4 of connector E).

Pin A8 of connector A of P020 is connected to the driver's dashboard earth C015.

The radio aerial P025 is connected via a dedicated coaxial cable to connector B of P020.

Connector A of the radio P020 is also connected to the speakers:

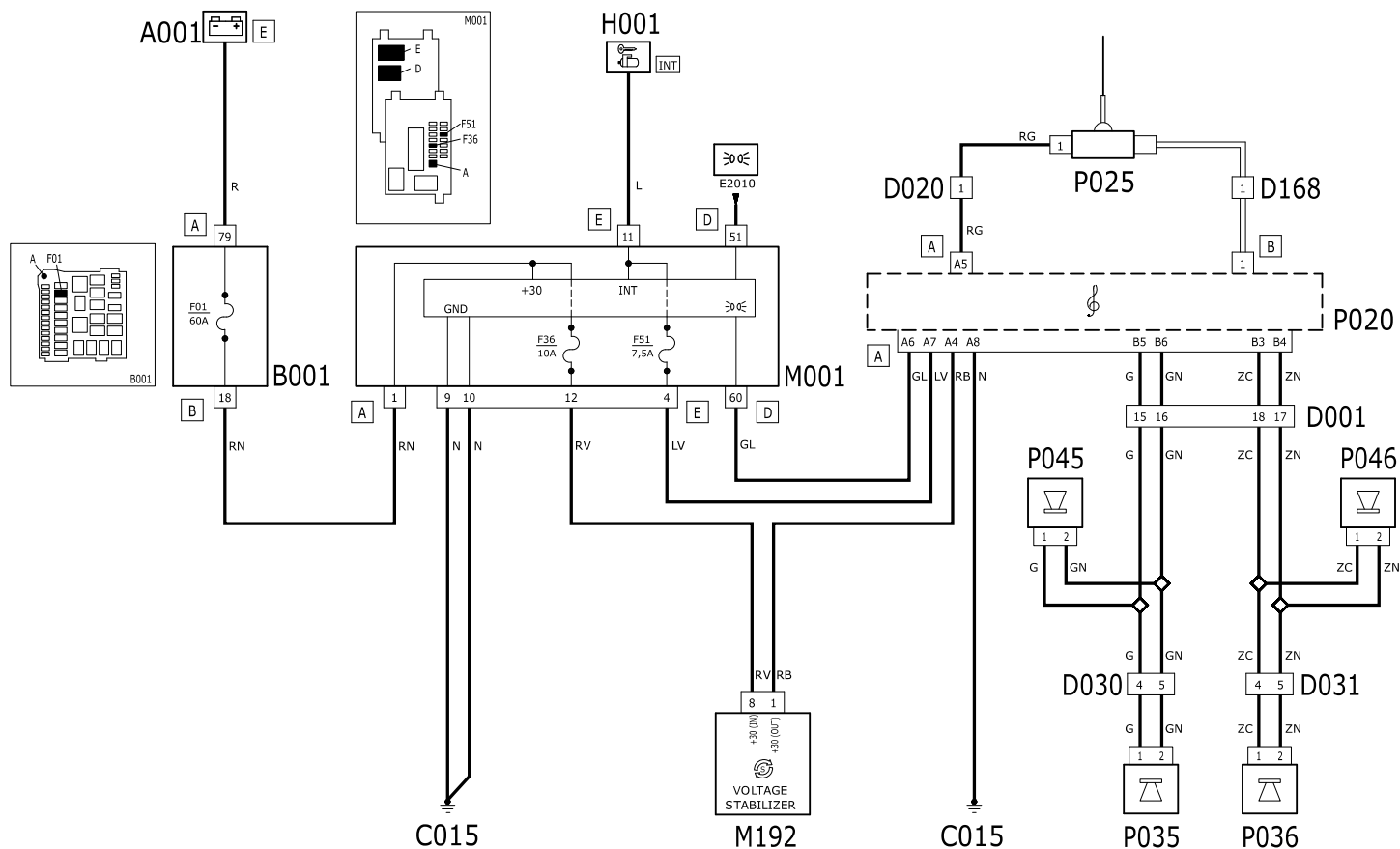
- from pins B5 (+) and B6 (-) to driver's front speakers P035 (mid-woofer) and P045 (tweeter);
- from pins B3 (+) and B4 (-) to passenger side front speakers P036 (mid-woofer) and P046 (tweeter).

The aerial power supply P025 is sent from the radio P020 from pin A5 of connector A.

Turning the side lights on (pin 51 of connector D of M001) creates the power supply for the lighting for the radio P020 (pin A6 of connector A) supplied by pin 60 of connector D of the Body Computer.

See E2010 SIDE LIGHTS / NO. PLATE LIGHTS

# RADIO - WIRING DIAGRAM



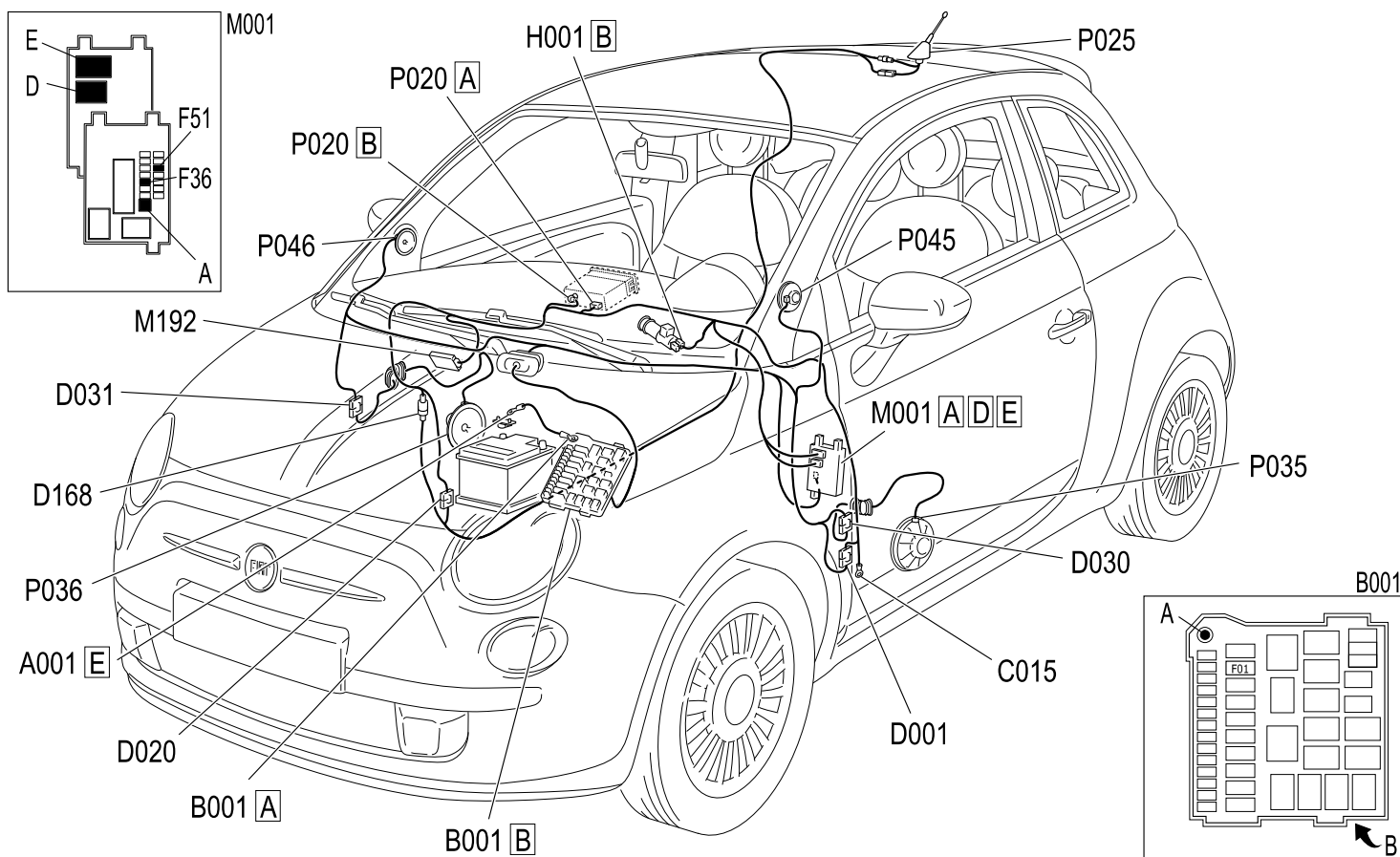
## Component code

## Description

## Reference to the Operation

A001	BATTERY	Op. 5530B10 BATTERY - R+R
B001	JUNCTION UNIT	Op. 5505A10 JUNCTION UNIT - R+R
C015	DASHBOARD EARTH, DRIVER'S SIDE	-
D001	FRONT/DASHBOARD COUPLING	-
D020	DASHBOARD/REAR COUPLING	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
D168	COAXIAL CABLE FOR RADIO AERIAL COUPLING	-
D260	AFTERMARKET RADIO PREPARATION COUPLING	-
H001	IGNITION SWITCH	Op. 5520A10 IGNITION SWITCH ASSEMBLY - R+R
M001	BODY COMPUTER	Op. 5505A32 BODY COMPUTER - R.R.
M192	ALARM CONTROL UNIT	Op. 5520D03 VOLTAGE STABILIZER - R.R.
P020	CAR RADIO	Op. 5570T80 CAR RADIO EQUIPMENT - R+R
P025	AERIAL POWER SUPPLY	Op. 5570T61 MULTI-FUNCTION AERIAL - R.R.
P035	SPEAKER IN FRONT DOOR LEFT	Op. 5570T91 FRONT SIDE SPEAKER (ONE), LEFT OR RIGHT - R.R. WITH DOOR PANEL REMOVED
P036	SPEAKER ON PASSENGER FRONT DOOR	Op. 5570T91 FRONT SIDE SPEAKER (ONE), LEFT OR RIGHT - R.R. WITH DOOR PANEL REMOVED
P045	DRIVER'S FRONT TWEETER SPEAKER	Op. 5570T92 FRONT TWEETER (ONE), LEFT OR RIGHT - R.R.
P046	PASSENGER SIDE FRONT TWEETER SPEAKER	Op. 5570T92 FRONT TWEETER (ONE), LEFT OR RIGHT - R.R.

# RADIO - COMPONENT LOCATION



Component code	Description	Reference to the Operation
A001	BATTERY	Op. 5530B10 BATTERY - R+R
B001	JUNCTION UNIT	Op. 5505A10 JUNCTION UNIT - R+R
C015	DASHBOARD EARTH, DRIVER'S SIDE	-
D001	FRONT/DASHBOARD COUPLING	-
D020	DASHBOARD/REAR COUPLING	-
D030	LEFT FRONT DOOR COUPLING	-
D031	RIGHT FRONT DOOR COUPLING	-
D168	COAXIAL CABLE FOR RADIO AERIAL COUPLING	-
D260	AFTERMARKET RADIO PREPARATION COUPLING	-
H001	IGNITION SWITCH	Op. 5520A10 IGNITION SWITCH ASSEMBLY - R+R
M001	BODY COMPUTER	Op. 5505A32 BODY COMPUTER - R.R.
M192	ALARM CONTROL UNIT	Op. 5520D03 VOLTAGE STABILIZER - R.R.
P020	CAR RADIO	Op. 5570T80 CAR RADIO EQUIPMENT - R+R
P025	AERIAL POWER SUPPLY	Op. 5570T61 MULTI-FUNCTION AERIAL - R.R.
P035	SPEAKER IN FRONT DOOR LEFT	Op. 5570T91 FRONT SIDE SPEAKER (ONE), LEFT OR RIGHT - R.R. WITH DOOR PANEL REMOVED
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P045	DRIVER'S FRONT TWEETER SPEAKER	Op. 5570T92 FRONT TWEETER (ONE), LEFT OR RIGHT - R.R.
P046	PASSENGER SIDE FRONT TWEETER SPEAKER	Op. 5570T92 FRONT TWEETER (ONE), LEFT OR RIGHT - R.R.