

IF A FUSE BLOWS

REPLACING THE FUSES fig. 23

If an electric device is not working, check whether the respective fuse is blown (i.e. the conductor is broken).

A - Undamaged fuse.

B - Fuse with broken filament.

Use the tongs **C** (**A**-fig. 25-27-29) in the fusebox to extract the fuse.



If the fuse blows again, have the vehicle inspected at a Fiat Dealership.



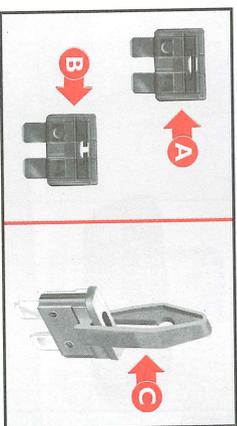
Never change a fuse with another amperage: **FIRE RISK!**



Before changing a fuse, check the ignition key has been removed and that all the other electric devices have been turned off/disabled.

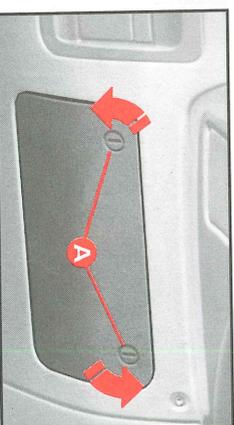


Never replace a broken fuse with anything other than a new fuse. Always use a fuse of the same colour.



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fig. 23



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fig. 24

POSITION OF THE FUSES

Fuses in fusebox

The fusebox is located in a specific compartment under the steering wheel.

To reach the fusebox, turn the two fastening screws **A-fig. 24** of 90° and remove the cover.

To remove the fuses, use the tongs **A-fig. 25** on the fusebox.

Protected devices fig. 25 (Left-hand drive versions)

- 1 - 10A - Sound system;
- 2 - 5A - Speed sensor, coolant level sensor, coolant temperature sensor, instrument panel warning lights, supplementary heater (2.0 JTD versions);
- 3 - 15A - Speed regulator, speed sensor;
- 4 - 5A - Headlight slant corrector, left-hand front side light, right-hand taillight;
- 5 - 10A - Manual climate control system fan, electric window winders, manual climate control system pressure switch, passenger compartment fan, fan unit relay;
- 6 - 15A - Heated rear window, heated seats;
- 7 - 20A - Horn;
- 8 - Connected to fuse 23 via SH;
- 9 - 5A - Headlight washer, right-hand front side light, left-hand taillight, number plate lights;
- 10 - 30A - Spare fuse;
- 11 - 30A - Spare fuse;
- 12 - 10A - ABS, diagnostic socket power, reversing lights, engine coolant level gauge, speed sensor (1.9 D version);
- 13 - 30A - Spare fuse;
- 14 - 5A - Passenger compartment protection unit;
- 15 - 30A - Fiat CODE, passenger compartment protection unit, central door locking system;
- 16 - 20A - Cigar lighter;
- 17 - 15A - Coolant temperature control unit, compressor on relay, engine cooling fan;
- 18 - 10A - Rear fog lights;
- 19 - 10A - Front fog lights;

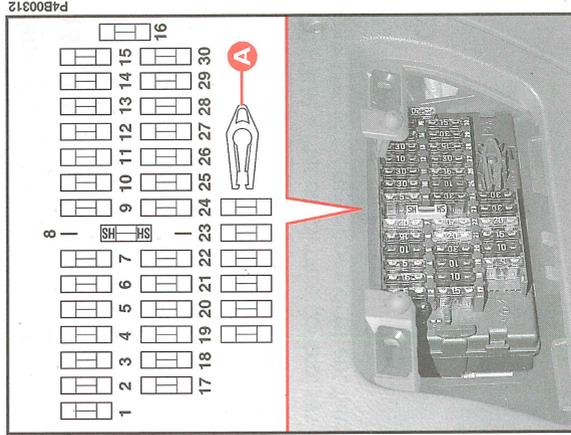


fig. 25

- 19 - 10A - Sound system, side/taillights on buzzer, symbol lighting, instrument panel lighting;
- 20 - 30A - Spare fuse;
- 21 - 20A - Heated seats;
- 22 - 20A - Spare fuse;
- 23 - Connected to fuse 8 via SH;
- 24 - 30A - Windscreen wiper, window washer pump;
- 25 - 10A - Sound system, clock, ceiling lights;
- 26 - 15A - Direction indicators, hazard lights;
- 27 - 30A - Rearview mirror demister, heated rear window;
- 28 - 15A - Brake lights, cruise control, battery charge warning light, brake pad wear warning light, window winders;
- 29 - 30A - Window winders;
- 30 - 15A - Side/taillights on buzzer, direction indicators, rearview mirror adjuster;

SH - Jumper fuses 8 and 23.

Protected devices fig. 25 (right-hand drive versions)

- 1 - 10A - Sound system;
- 2 - 10A - ABS;
- 3 - 15A - Speed regulator, speed sensor;
- 4 - 5A - Sound system, side/taillights on buzzer, symbol lighting, instrument panel lighting, headlight washers, side/taillights, cruise control;
- 5 - 10A - Window winders, manual climate control system fan, heated rear window, pressure switch, passenger compartment fan;
- 6 - Spare;
- 7 - 20A - Horn, direction indicators hazard lights;
- 8 - Connected to fuse 23 via SH;
- 9 - 5A - Headlight slant corrector, side/taillights;
- 10 - Spare;
- 11 - Spare;

- 12 - 10A - Diagnostic socket, engine coolant temperature control unit, engine coolant level, reversing lights, speed sensor, instrument panel warning lights, supplementary heater (2.0 JTD version);
- 13 - Spare;
- 14 - 5A - Passenger compartment protection unit;
- 15 - 20A - Central door locking tem, Fiat CODE;
- 16 - 10A - Cigar lighter;
- 17 - Spare;
- 18 - 5A - Engine coolant temperature control unit, engine cooling fan;
- 19 - 5A - Rear foglights, rear fog warning light;
- 20 - 30A - Manual climate control fan, passenger compartment fan;
- 21 - 30A - Heated rear window;
- 22 - Spare;

- 23 - Connected to fuse 8 via SH;
- 24 - 20A - Window wipers;
- 25 - 10A - Sound system, manual climate control system fan, clock, ceiling lights, instrument panel lighting, passenger compartment fan;
- 26 - 30A - Window winders;
- 27 - Spare;
- 28 - 15A - Direction indicators, hazard lights, brake lights, cruise control, battery charge warning light;
- 29 - Spare;
- 30 - 30A - Window winders, side/tail-lights on buzzer, rearview mirror adjuster;
- SH - Jumper 8 and 23.

Fuses in the engine compartment

Other fuseboxes are located in the engine compartment. Press the tabs shown in **fig. 26** (versions without ABS) and in **fig. 28** (versions with ABS).

To remove the fuses, use the tongs **A-fig. 27** (versions without ABS) or **A-fig. 29** (versions with ABS).

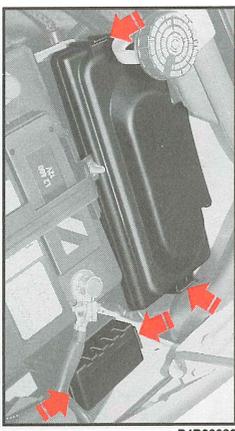


fig. 26

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Protected devices fig. 27 (versions without ABS)

- 1 - 20A - Fuel pump, supplementary heater (2.0 JTD versions)
- 2 - 10A - Right-hand dipped beam headlight;
- 3 - 10A - Left-hand dipped beam headlight;
- 4 - 25A - Headlight washers;

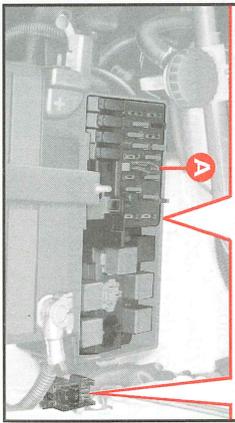
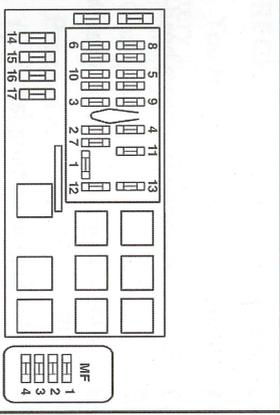
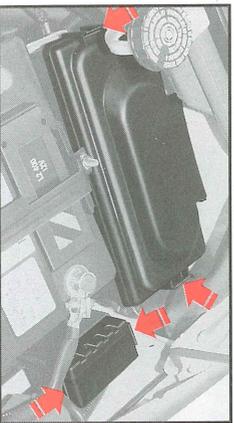


fig. 27

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- 5 - Spare;
- 6 - 10A - Fiat CODE injection system (left-hand drive versions);
- 7 - 10A - Lambda sensor resistance, 2.0 JTD engine power supply (right-hand drive versions);
- 8 - 20A - Diagnostic socket power, trailer power;
- 9 - 30A - Engine cooling fan;
- 10 - Spare;
- 11 - Spare;
- 12 - 10A - Left-hand main beam headlight;
- 13 - 10A - Right-hand main beam headlight;
- 14 - 50A - Engine cooling fan;
- 15 - 40A - Manual climate control system, passenger compartment fan;
- 16 - 70A - Passenger compartment fusebox (left-hand drive versions), passenger compartment light switch (right-hand drive versions), alarm switch (left-hand drive versions);

- 17 - 70A - Passenger compartment fusebox (right-hand drive versions), passenger compartment light switch (left-hand drive versions), alarm switch (right-hand drive versions), engine ignition relay.
 - MF1 - Spare;
 - MF2 - Spare;
 - MF3 - 30A - Injection system (2.0 JTD version)
 - MF4 - 20A - Injection system (2.0 JTD version)
- Protected devices fig. 29 (versions with ABS/2.0 JTD)**
- 1 - 20A - Trailer power;
 - 2 - 20A - Fuel pump, Lambda sensor;



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fig. 28

- 3 - 10A - Left-hand dipped beam headlight;
- 4 - 10A - Right-hand dipped beam headlight;
- 5 - 10A - Diagnostic socket power;
- 6 - 10A - Fiat CODE;
- 7 - 10A - Left-hand main beam headlight;

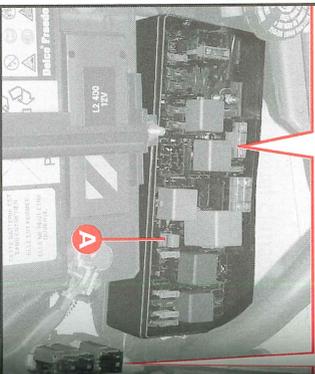
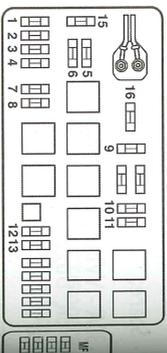


fig. 29

8 - 10A - Right-hand main beam headlight;

9 - 30A (*) - Engine cooling fan;

10 - 30A - Headlight washers;

11 - 20A - Supplementary heater (2.0 JTD versions);

12 - 5A - Headlight washers;

13 - 15A - Lambda sensor resistance;

15 - 40A - Passenger compartment fan, manual climate control system fan;

16 - 50A (***) - Engine cooling fan

MF1 - 60A - ABS;

MF2 - Spare;

MF2 - 30A - Injection system (2.0 JTD system);

MF4 - 20A - Injection system (2.0 JTD system).

(*) 40A for 2.0 JTD versions;

(***) 30A for diesel versions.

IF THE BATTERY IS FLAT

First of all, read the "Vehicle maintenance" section for the steps to be taken to avoid the battery running down and to ensure it has a long life.

JUMP STARTING

See instructions in the "Getting the best out of your vehicle" chapter.



Under no circumstances should a battery charger be used to start the engine: it could damage the electronic systems and in particular the ignition and injection control units.



This procedure should only be carried out by experts as incorrect operations can cause electrical discharge of considerable intensity.

RECHARGING THE BATTERY

You are advised to recharge the battery slowly for a period of approximately 24 hours at a low amperage. Charging for too long could damage the battery.

Proceed as follows:

- 1) Disconnect the electrical system from the battery terminals.
- 2) Connect the charger cables to the battery terminals.
- 3) Turn on the charger.