

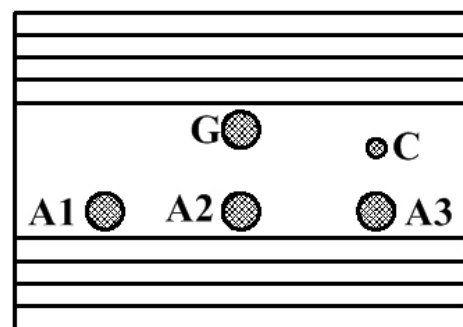
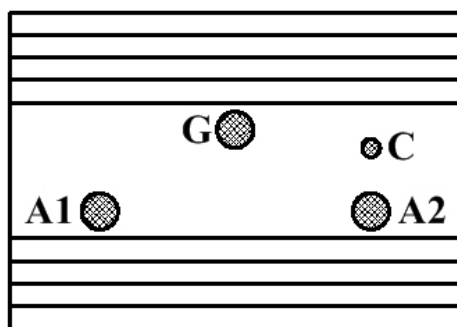
Installation of diode isolation blocks:

Important: Be sure to use fuses between the wires to generator and batteries. Prevent connection between connector and heatsink! A short-circuit can result in a fire!!

This type of diode isolation block has a very low voltage drop which, in most cases, makes the use of a compensation diode unnecessary. The higher the load current, the lower the voltage drop.

Important! These diode isolation blocks can only be used in systems with negative earth. Always use wires of sufficient diameter.

- ◆ Mount the diode isolation block as close as possible to the generator / alternator.
- ◆ Detach the cable that leads to the generator / alternator.
- ◆ Connect the positive pole of battery 1 to terminal A1 on the diode isolation block, the positive pole of battery 2 to terminal A2, etc.
- ◆ Connect the generator / alternator to connection G of the diode isolation block via a wire.
- ◆ Reconnect the earthing cables to the batteries to complete the installation.



Connection of the compensation diode (if present)

Make the connection as described previously, except for the reconnection of the earthing cables.

For Bosch generators/ alternators:

- ◆ Remove the voltage regulator from the generator / alternator by taking out the 2 screws.
- ◆ Take a piece of wire (20cm X 1.5mm²) and solder it to the lug of the regulator which normally makes contact with a spring contact. Wind the wire round the lug, bend the lug and tighten it.
- ◆ **Important!** Make certain that the lug cannot make contact with the spring.
- ◆ Re-attach the voltage regulator to the generator / alternator with the wire outside.
- ◆ Connect the other side of the wire to terminal C on the diode isolation blocks.
- ◆ Also connect the wire to the dashboard lights to terminal C.
- ◆ Reconnect the earthing cables to the batteries to complete the installation.

For Generators / alternators with external voltage regulator:

- ◆ Cut the D+ wire of the regulator to a length of approx. 5cm from the regulator. Connect the wire at the regulator to the C terminal of the diode isolation block.
- ◆ Also connect the wire to the dashboard lights to terminal C.
- ◆ Isolate the open wire that comes from the generator / alternator.
- ◆ Reconnect the earthing cables to the batteries to complete the installation.

Type	Battery charger (Lader) max	Alternator (Generator) max.	Batteries (Accu's)
702 (C)	50A	70A	2
703 (C)	50A	70A	3
902 (C)	70A	90A	2
903 (C)	70A	90A	3
1202 (C)	80A	120A	2
1203 (C)	80A	120A	3
1602 (C)	110A	160A	2
1603 (C)	110A	160A	3