



Original operating instructions
Magnetic tape

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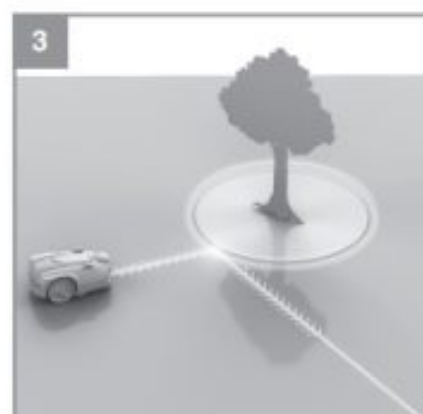
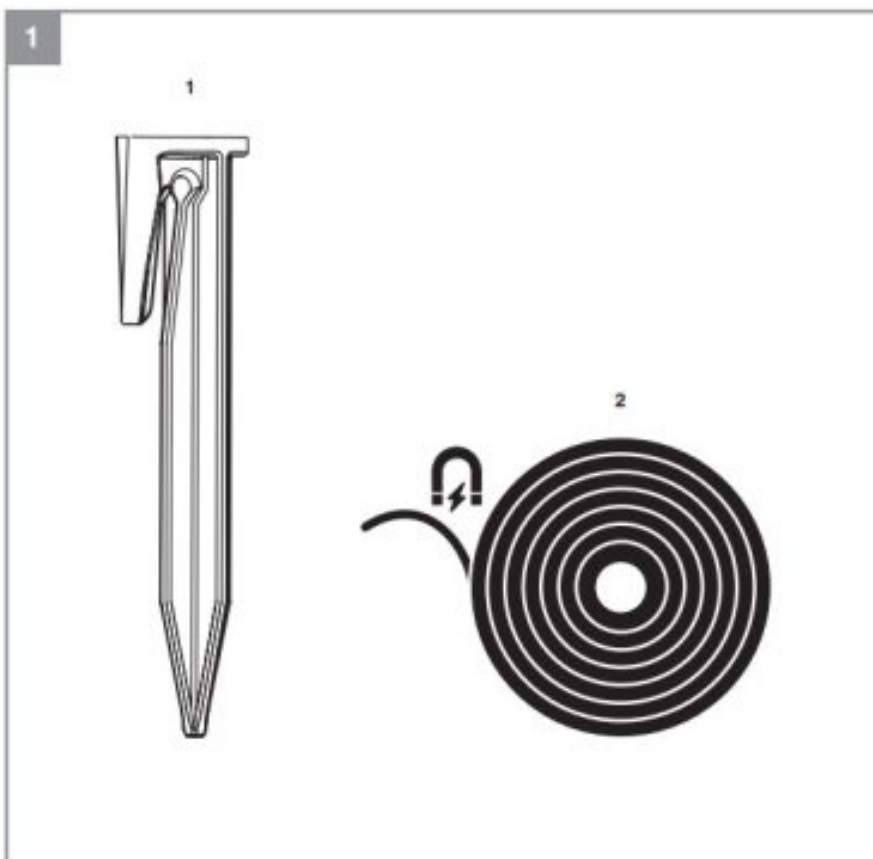
SPK13 Multi Length Spark Plug Socket Set

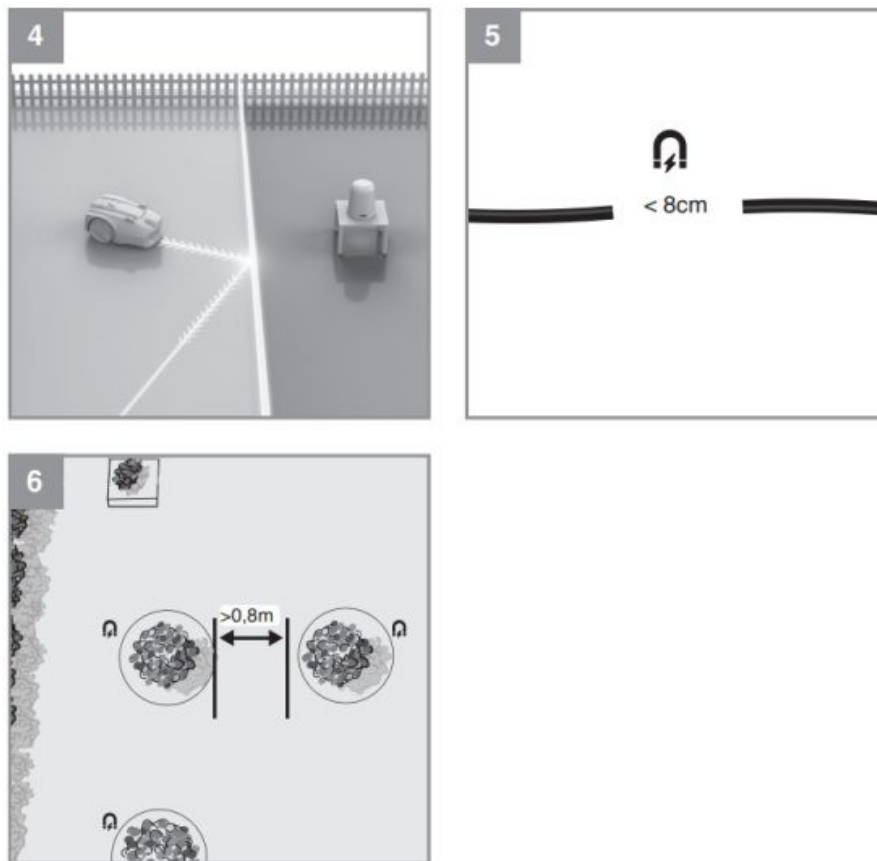


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Scope of delivery

1. Fastening peg
2. Magnetic tape

Magnetic tape (Fig. 2 – 6)

Obstacles such as fences and hedges which poorly reflect the distance signal transmitted by the robot lawn mower are not detected in part or only very late. Obstacles with a weak optical contrast relative to the mowing areas can also be difficult to recognize. Such areas can be protected by magnetic tape as a safe and contact-free means of getting the robot lawn mower to change its direction.

The magnetic tape serves as a mobile and temporary boundary in the mowing area. The magnet sensors installed in the robot lawn mower detect the magnetic tape and turn away at its limits. In this way you can separate off parts of the garden which are off limits, for example:

- Short-term separation of a part of the garden for a garden party where the robot lawn mower is not allowed to enter.
- Placement of a trampoline or swimming-pool in the mowing area over the summer months.
- A recently planted tree is still very sensitive and is best protected at an early stage from collisions with the robot lawn mower.
- A seasonal flower meadow is planned to attract insects. This area is off-limits for the robot lawn mower and needs to be protected from the outset.
- A new lawn has been sown in one area and you want to protect this area initially. The subsoil is still not firm and you want to wait for strong turf to form.

Lay the magnetic tape a few centimeters away from the area or object in question. Shorten the magnetic tape to suit your requirements (50 cm minimum length). To enable a boundary made up of several magnetic tape elements to be recognized reliably, the maximum distance between the respective ends should not exceed 8 cm (Fig. 5). Make sure that the outer boundary of the mowing area is defined by an optical or physical separation. Fasten the magnetic tape to the ground by means of pegs spaced a maximum of 1 m apart. Keep a distance of at least 80 cm away from the guide cable and between two independent boundary areas so that the robot lawn mower can travel through without difficulty. (Fig. 6). Avoid laying the magnetic tape on gradients because in such cases there is a risk of the robot lawn mower slipping out over the boundary area and the boundary not being recognized. Like the guide cable, the magnetic tape can be installed both on the ground and at a depth of approx. 5 cm in the ground. Take care not to lay the magnetic tape too deep in the ground because then there is no longer any guarantee that it will be recognized by the robot lawn mower.


Troubleshooting

Fault	Possible cause	Remedy
The robot lawn mower fails to recognize the magnetic tape and travels over it and past it.	<ul style="list-style-type: none"> – The magnetic tape is laid too deep in the ground. – The magnetic tape does not work properly because the outside temperature is too high. 	<ul style="list-style-type: none"> – Lay the magnetic tape on the ground or at a depth of approx. 5 cm in the ground. – Wait for the temperature to cool. Avoid operating the robot lawn mower during the hot hours of the day.
The robot lawn mower stops or travels out of control when it is near the boundary area.	<ul style="list-style-type: none"> – The magnetic tape is laid too close to the guide cable. The distance between two independent boundary areas with magnetic tape is too small. – Interference arises in the mowing area due to electric cables. 	<ul style="list-style-type: none"> – Keep a distance of at least 80 cm between the guide cable and the magnetic tape or between two boundary areas. – Avoid electric cables which run through the mowing area. Position the charging station at the edge of the mowing area. Keep away from mowed areas which do not belong to you but to your neighbors, for example, and which are operated with a perimeter wire.
The robot lawn mower intrudes in the boundary area.	<ul style="list-style-type: none"> – The robot lawn mower slips over the magnetic tape. 	<ul style="list-style-type: none"> – Avoid laying the magnetic tape on gradients. – Take account of the specified conditions of installation.

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Documents / Resources

	<p>Einhell SPK13 Multi Length Spark Plug Socket Set [pdf] Instruction Manual 3414028, 21024, SPK13 Multi Length Spark Plug Socket Set, SPK13, Multi Length Spark Plug Socket Set, Spark Plug Socket Set, Plug Socket Set, Socket Set</p>
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References

- [User Manual](#)

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