

SMP P686A4 Reversing radar instruction manual

Functions

- When you reverse, the system turns on automatically.
- Alerts you to the distance with a sound.
- It is not affected by rainy weather and darkness
- “Heartbeat” beep

Technical details

- Operating voltage: 10-15V
- Maximum current consumption: 3.8W (max) - Operating temperature: -40 °C + 80 °C
- Warning volume: 78dB
- Warning distance: 1.5-0.1m

Installation

It is possible to paint the sensor sensors of the set to the color of the bumper to achieve the perfect factory effect. To maintain the sensitivity of the sensors, apply up to two thin coats of paint by spraying (not by brush or roller). Prior to painting, the sensors must be properly prepared and the original paint layer must be removed properly. We recommend that painting be carried out by a car paint specialist. Improper painting can cause the reversing radar to malfunction. Defects of this origin are not covered by the warranty!

Check the parts behind the bumper, look for a surface that does not have any parts behind. It may be necessary to remove the bumper if the position of the components behind the bumper cannot be ascertained. Drill the bumper at the marked locations with the drill provided.

Note: When depressing the sensors, be sure to apply pressure only to the outer edge of the sensors, not to the center (to avoid sensor failure).

Note: Do not cut the wires and make sure the insulation is intact. Secure the cable to the car body with a cable tie to prevent it from moving, coming into contact with moving or hot parts, and not hanging from the car chassis.

Connect the sensors one at a time to the socket on the central unit, switch on the car ignition and reverse. This will check that the sensor is working properly. Repeat for each sensor. If you experience a faulty signal on any of the sensors, check that the hole drilled for that sensor is not too tight.

Connecting the power supply to the central unit

Connect the 4-pin power cord connector to the appropriate socket on the central unit. Measure the positive (+12 V) and negative (-) wires of the reversing lamp. If

necessary, remove the luminaire to locate the wires. Strip an inch from the wire insulation.

Connect the red wire of the main unit power cable to the positive (+12 V) wire of the reversing lamp.

Connect the black wire of the main unit power cable to the negative (-) strand of the reversing lamp.

Insulate the connections with insulating tape or heat shrink tubing.

In new cars with a bus system, the reversing lamp or brake light cable must not be used directly as a power cable, as this will cause the device to malfunction! In this case, an isolating relay must be installed!

Use

Beeps

- The speaker emits warning sounds.
- When reversing, the system automatically starts measuring the distance between the obstacle and the car. Between 1.5m and 0.9m the audible signal is as follows: bi... bi... (rarely), between 0.9m and 0.6m: bi..bi..bi (densely), below 0.6m bi... (continuously) .

Warning

- If you hear a continuous beep, stop because the system does not brake automatically. - Slow down slowly to detect obstacles in time.
- Remove snow, ice and dirt from the sensors
- Always check the + or - cable when connecting the device during installation.

Warranty conditions

Damage resulting from damage, improper installation or improper use is not covered by the warranty!

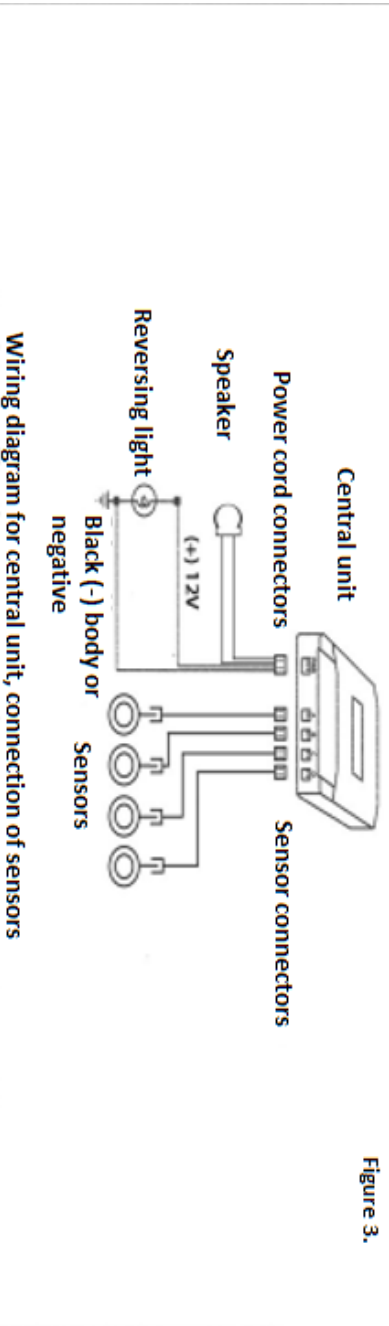
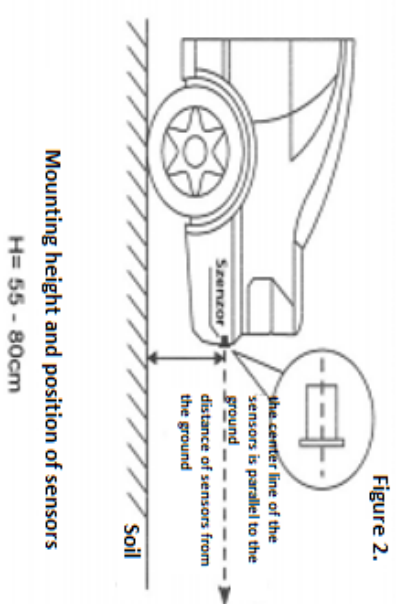
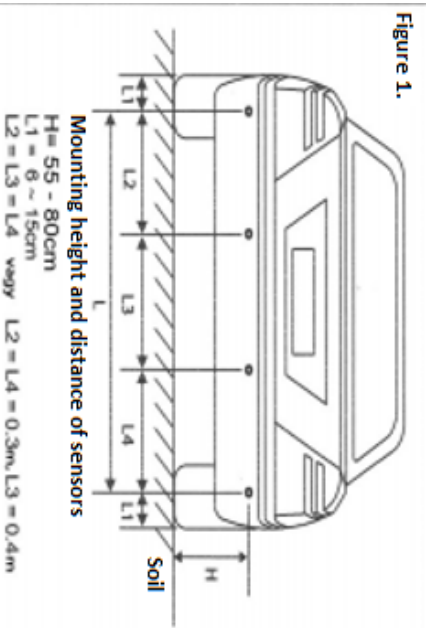
Use of any adhesive or silicone on the sensors will void their warranty!

Please keep the warranty card carefully, as you can only assert your warranty claim with a validly completed warranty card certified by a professional service and reseller! The warranty does not apply to user-disassembled, repaired, modified parts!

Damage to the reversing radar set cables is a guarantee void!

The manufacturer and distributor do not accept any liability for any damage or any other inconvenience resulting from the use or improper installation of the device! Do not rely solely on reversing radar signals, always reverse and park carefully and at a moderate pace! The reversing radar is not an infallible device, due to the laws of physics, there may be cases (eg glass surface, thin obstacle) when the reversing radar is not able to warn the driver in time!

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 S.M.Power Kft.
 2310 Szigetszentmiklós, Csepeli út 15.
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General wiring diagram: