

PARKING LIBERTY 3

SV020303

- **User's Guide**



Important Notice

The parking assistant system is designed as a reversing aid. It is not a substitute of the driver's responsibilities normally assumed when reversing. The manufacturer cannot be held responsible for any damages caused by reversing only by relying on this system. Proper driving skills, such as slow down; use of mirror or lookout etc. are always essential.

- 1- This unit is for vehicles with 12V DC only
- 2- It should be installed by a professional installer
- 3- It is strongly advised to ensure that Parking Liberty functions properly before the final installation and check again the position of the sensors before the definitive drilling of the holes
- 4- Avoid high temperatures and high voltage while laying out the wire harness
- 5- Wire connection point should be insulated
- 6- Conduct test after finishing the installation

About Parking Liberty

Parking Liberty is an ultrasonic distance monitoring system. It electronically detects the area behind your vehicle during reversing and alerts you with audible tone if there is an object behind your car.

Every piece of our product has passed them most stringent test before release to the market. It is reliable at a wide temperature range (-40°C to +80°C) and becomes very useful when you are reversing at a raining day, snowing day or at night.

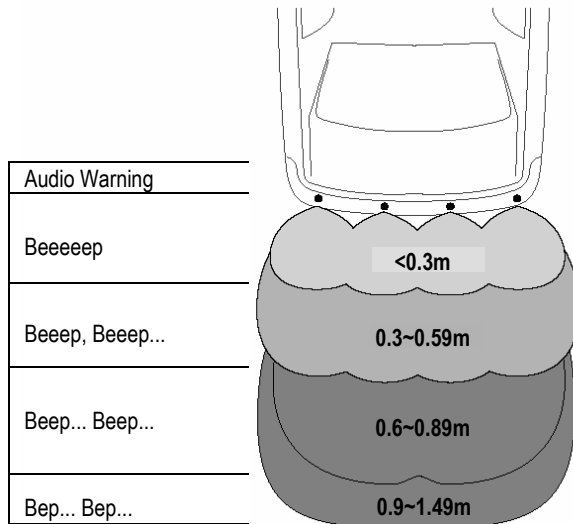
Features:

1. Sound alert indicating
2. All weather design
3. Easy installation

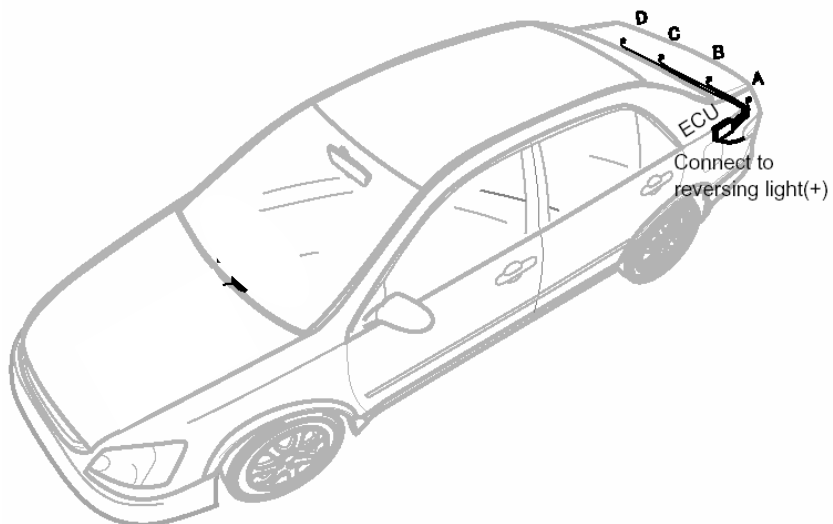
Specifications:

- a. Detection distance: 0.1 to 1.50m
- b. Voltage: 12V \pm 3V
- c. Frequency: 40KHz
- d. Consumption: 4W(max)
- e. Working temperature: -40°C ~ +80°C
- f. Buzzer: 85 – 105dB

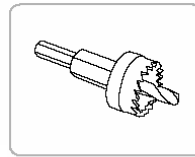
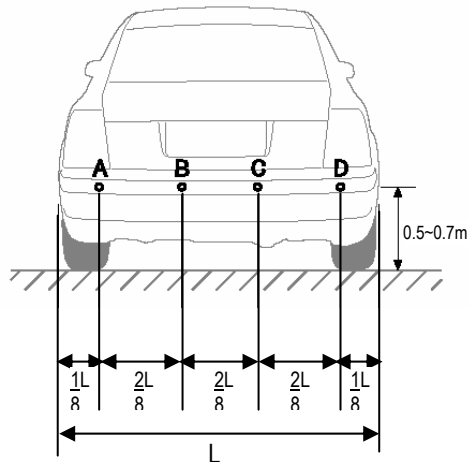
Audio Warning



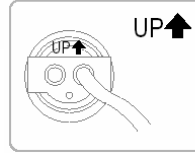
Installation Diagram



How to Install the Sensor

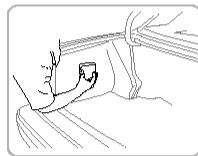
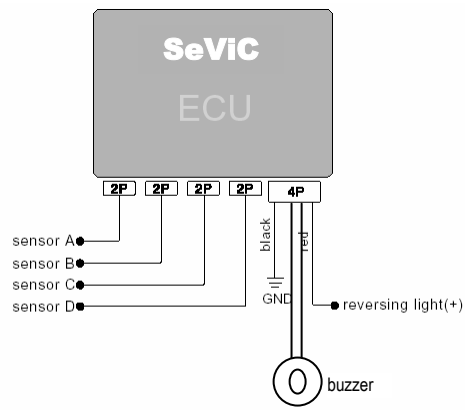


1. Check the size of the hole saw to be compatible to the diameter of the sensor.

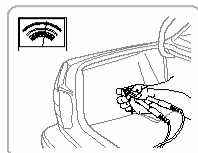


2. Install the sensor vertically, the "up" sign must be on upside.

ECU Installation

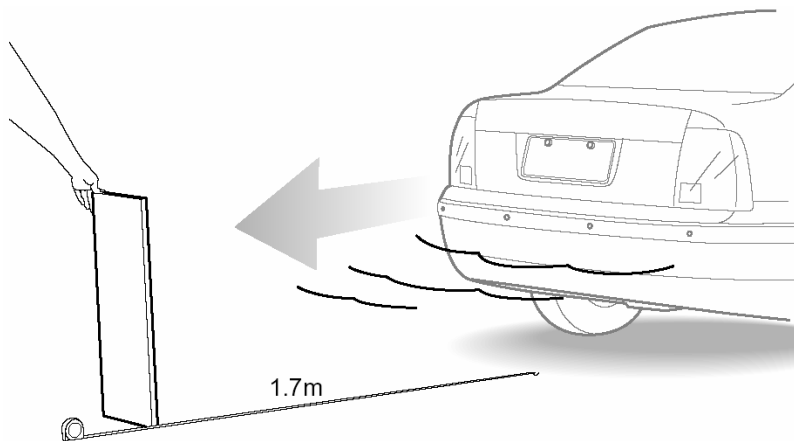


Mount the ECU in trunk



Connect the red wire to reversing light (+12V when rear gear is engaged)
Connect the black wire to ground

Function Test After Installation

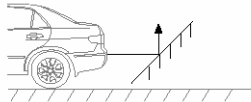


Testing the system features with a wooden plate (0.2m wide x 1.0m high) after the installation.

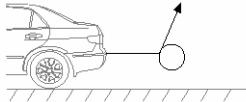
Attention

Misleading detection may occur due to the following cases:

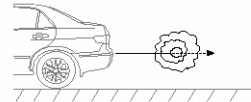
Smooth sloping surface



Smooth round object



Items absorbing sound, e.g. cotton



1. Heavy rain, dirty or damaged sensor could result in misleading detection.
2. Check if the system is in order before use.
3. Please check the reversing aid if there is wrong warning or no warning when reversing the car.
4. The product is a driver assistant device. No warranty as to operating efficiency and accident is provided. It is not a substitute for the driver's responsibility when driving the vehicle.
5. Do not paint over the sensors as this will affect the performance.

Trouble Shooting

1. No beep at power up
 - 1) Is power wire correctly connected to the ECU?
 - 2) Verify the ground connection
 - 3) Is the beeper plug in?
 - 4) Have you connected the correct reversing light wire?

2. Intermittent false alarm
 - 1) Is the sensor mounted too low or pointing to the ground?
 - 2) Check for obstacles within 1.5 meter of sensor

3. Sensors do not detect any objects
 - 1) Are the sensors properly plugged into the correct sockets?

If the problem persists please follow these steps:

- A. For consumers: contact your dealer or nearby service centre

- B. For installer or dealer:
 - 1) Replace the ECU and recheck the system
 - 2) Test the sensors with certified ECU using a flat wooden board
 - 3) Plug the certified sensors into the ECU and recheck
 - 4) Email your questions to svc@sevic.com and we will reply ASAP.

Warranty Terms And Conditions

1) Coverage:

Claims can be validly made only upon presentation of proof of purchase through an invoice or receipt.

2) Application:

The present warranty enters into effect on the date of delivery to the user.

3) Period of validity:

2 years warranty for the device - 90 days for the accessories (components of the product).

4) Validity of warranty:

- a) Without prejudice as to the legal guarantee according to article 1641ff of the civil code, the products are under warranty if used according to the directions included in the instructions.
- b) The warranty is valid only for the first user conditionally to the device being used wisely and under normal conditions, i.e. suitable for the product.
- c) The warranty covers all repairs and/or replacements of components and accessories which are recognized as being defective by our technical department, without any granting of damages.
- d) The performance of the obligations resulting from the warranty does not entail an extension or renewal of the warranty period, except in case of components which are replaced and which fall under the legal guarantee (i.e. in case of exchange or repair under warranty, the period will be neither extended nor renewed. In this case, the warranty and the period of the first warranty will remain applicable).

5) Damages not covered:

As the device is recognized as being in good working condition and without noticeable defect, THE WARRANTY DOES NOT COVER:

Transport costs, nor charges relating to an intervention at the address of the purchaser. Scratches, splinters or marks in the packaging of the device or its accessories which were not noted at the time of delivery / breakable accessories, except in case of manufacturing defects recognized by our technical department. Moreover, we waive any liability for general damages resulting from a defect in the functioning of our devices and which are not relating to the devices themselves. This will in no case entitle to any indemnification for damages caused to disks because of a halt of the device.

6) Exemptions from the warranty are the following:

Interventions due to a faulty installation or connection / a failure in the electrical installation of the premises or vehicle or of nominal values provided for the supply of the device / a wrong manipulation or bad use by the user, insufficient or incorrect maintenance / a fall of or a blow to the device or an accessory / a lack of protection of the device and its accessories at the time of the transport by or for account of the user.

7) The warranty is cancelled:

For devices and accessories having been repaired or altered by persons not authorized by us or whose manufacturing number was altered or deleted.

8) For repairs:

Please contact your retailer.

9) For any disputes or litigation:

The law courts of Luxembourg are exclusively competent.

10) For all information:

Contact: SEVIC SYSTEMS Luxembourg S.A.
Zone Industrielle Breedewues
L-1259 Senningerberg
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Email : svc@sevic.com