Note

1. This product could be installed on 12V vehicle, please verify the function before installation;
2. In order to lay the harness, please put the control box in the left side of the trunk;
3. Connect the sensor harness according the label on the harness;
4. Please make sure the harness far away from the vent pipe, engine and other hot parts, and don’t drag by big force;
5. Please wrap the brake cable by insulation tape;
6. Please clean the ice, mud and dust on the sensors. Painting will also affect the detection ability;

Trouble shooting

1. No response while verify the function.
   1. Make sure there's no object being detected by front left and right BSA sensors;
   2. Check the harness connection according to the wiring diagram;
   3. Check the fuse;
2. Please check the connection of the sensor, if the object and warning light direction is different;
3. The warning light is always on even there's no object. Please check if the sensors detect the ground, make sure “UP” or “T” face upward and installation height meets requirement;
4. When the turn light is on, the warning light will be lit but not blink, please strictly check the connection of the turn light wire.

Function verification

1. Driving the vehicle to an open area (similar to the picture showed as below), and make sure there's no objective being detected by 4 BSA sensors;
2. Put a wood panel (30cm x 10cm) in the front of the rear right BSA sensor, the warning light will be On;
3. Turn on the left turn light, the left warning light will blinker and the buzzer will give out warning beep twice (B---B-);
4. Fix the wood panel and put another wood panel (30cm x 10cm) in front the left BSA sensors, the warning light be turned off;
5. Put a wood panel (30cm x 10cm) in the front of the rear right BSA sensor, the right warning light will be On;
6. Turn on the right turn light, the right warning light will blinker and the buzzer will give out warning beep twice (B---B-);
7. Fix the wood panel and put another wood panel (30cm x 10cm) in front the front right BSA sensors, the warning light be turned off;

Parts list

- Control box: 1 pc
- Buzzer: 1 pc
- BSA sensor: 4 pcs
- Extension wire for right warning light: 1 pc
- Front sensor harness: 1 pc
- Rear sensor harness: 1 pc
- Warning light: 1 pc
- Main harness: 1 pc
- users' manual: 1 pc
- 922 hole saw: 1 pc
- Cable tie: 5 pcs
- Installation guide: 1 pc

Installation tool

- Electrical drill
- Tape measure
- Knife
- Plastic crowbar
- Multimeter
- Insulation tape
- Tool kit
- Silicone gule
**Sensor**

1. Please mark the installation position according to the following instructions:
   (1) Installation height and horizontal position:
   - 0.1m – 0.5m
   - Vertical view: 0° – 10°
   - 0.55 – 0.6m

2. Make sure the size of hole saw and sensors are the same before drilling.

3. The sensor “up” should face upward;

4. Press the sensors by two thumbs and make the sensor body installed in the bumper closely.

5. Sensor and sensor harness connection: connect one by one.

**Wiring diagram**

1. Wiring diagram:

   - Front left side sensor
   - Front right side sensor
   - Front sensor harness
   - Warning light-left
   - Main harness
   - Buzzer
   - Extension wire for right warning light
   - Male harness
   - Green wire, connect GND
   - Yellow wire, connect right turn light wire
   - White wire, connect reverse light wire
   - Control box
   - Rear sensor harness
   - Rear left sensor
   - Rear right sensor

2. The main harness should be laid along the left side of the vehicle from trunk to cabin.

3. Connect power wire (red), when the key turned to “on”, the system will be on; when the key is turned to “ACC” or “LOCK”, the system will be off.

**Warning light**

1. Install the warning light on the A pillar, the installation position should be easily seen by drivers.

2. Installation of LED:
   - (1) Method one: Clip the warning light on the A pillar by metal clip.
   - (2) Method two: Stick the warning light on the A pillar.

**Buzzer**

1. The buzzer is suggested to install under the left side of the steering wheel.
2. The buzzer is fixed by 3M. Please clean the surface before stick the buzzer.

**Control box**

1. In order lay the harness to front of vehicle easily, the control box is suggested to lay at the left side of the trunk.
2. The control box is fixed on the metal part of the vehicle by screws. Please clean the surface before stick.
3. Left turn light wire (green) connection: Please find the left turn wire at the left side light.
4. Left turn light wire (yellow) connection: Please find the right turn wire at the right side light.
5. Reverse light wire (white) connection: Connect the ground ring (black wire) to a metal part of vehicle body.

8. In order to avoid short circuit, please wrap any brake harness by insulation tape.