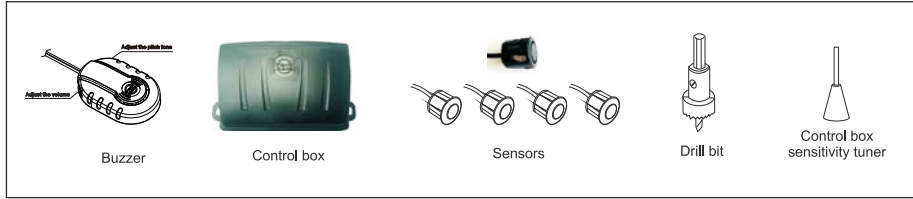


PS540

Main Parts



Key Features

- 4 Sensor Audible Kit
- Tow bar Intelligent (Dip switch 1 rear of ECU control unit) PS 440 Does not have this function
- Sensitivity adjustable
- Sensor height adjustable 45cm - 55cm
- Self Test Function
- 19mm Paintable sensors
- 4 & 2 sensor option
- 2 Eye - use C & D on the ECU Control unit PS 440 Does not have this function
- Buzzer size:61x41mm

Anti-hook function
The system has anti-hook function . It will not alarm if there is a Towbar and Spare tyre in the back side of vehicle .

20 cm on/off function
There is a "on/off" switch on the back side of control unit . If you choose "on" , the alarming distance will be 20cm short than the real distance . It used for vehicles which has a spare tyre in the back . The buzzer alarms the rear distance between obstacle and spare tyre , instead of distance between obstacle and bumper
PS 440 Does not have this function

The diagram shows the back of the green control box. Two pink arrows point from the text labels to specific switches on the box. The first arrow points to a switch labeled 'Switch 1: Anti-hook function'. The second arrow points to a switch labeled 'Switch 2: Shorten the detection distance of A&D sensor to 1M'.

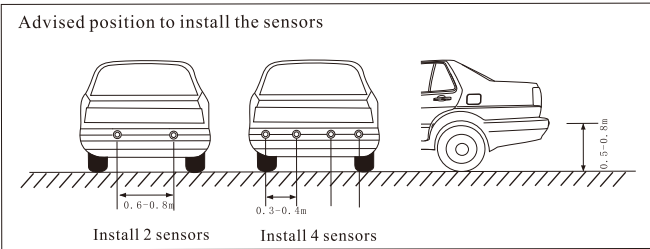
Technical Specifications

- Operating Voltage Range:12/24 volt
- Ultrasonic Frequency: 40KHz
- Control Working Temperature: -30-+70℃
- Detection Range: 0.2-1.5m
- Rated Current: 20-200mA

Alarm Mode

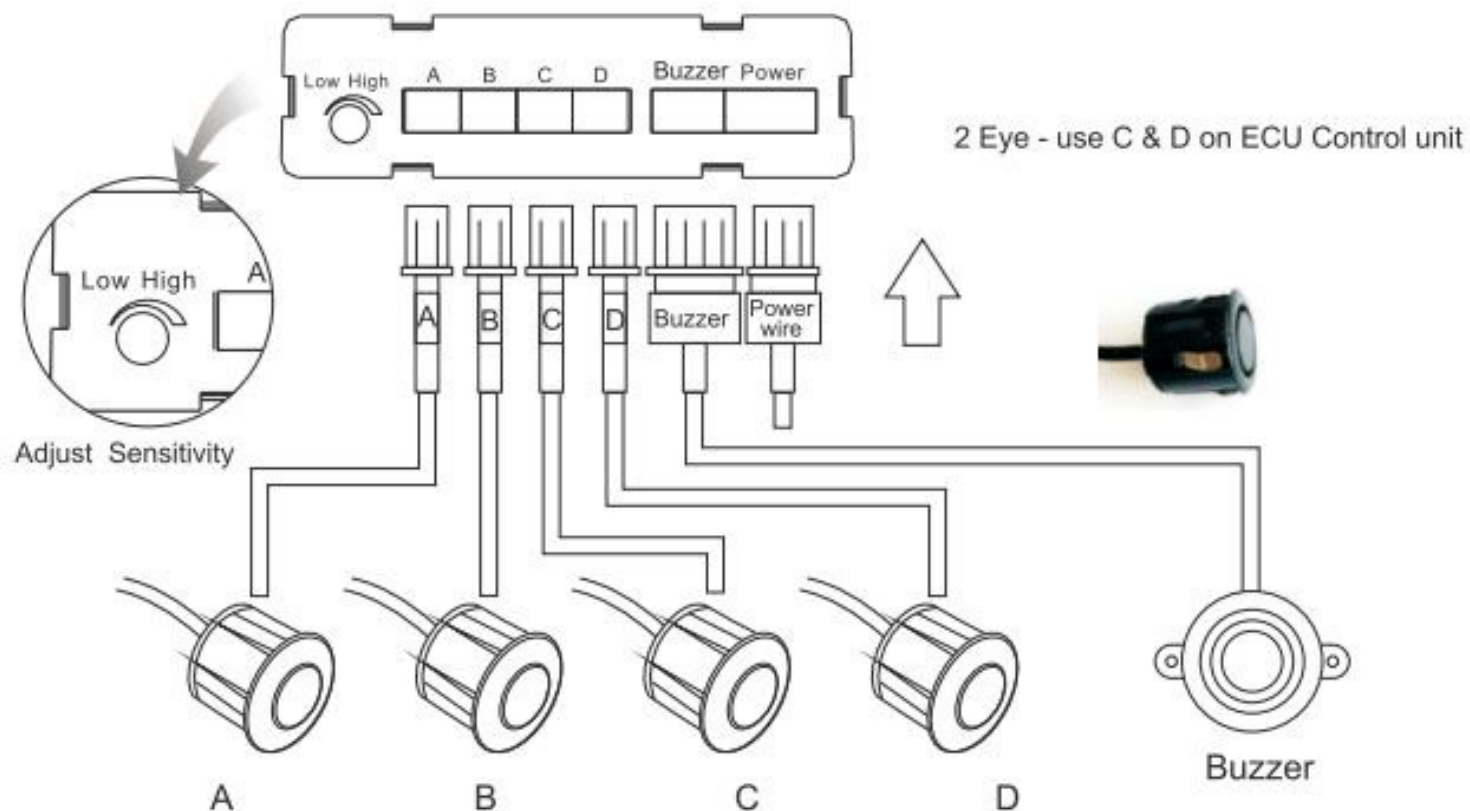
Stages	Distance	Awareness	Alarm sound
1	>1,5m	Safety Area	Silence
2	1,0-1,5m	Safety Area	Bi.....Bi.....
3	0,7-0,9m	Alarm Area	Bi.....Bi.....
4	0,4-0,6m	Alarm Area	Bi...Bi...
5	≤0,3m	Danger Area	Bi...

Sensors' Installation



Wiring Diagram

PS440-540-740-940-1040-1940



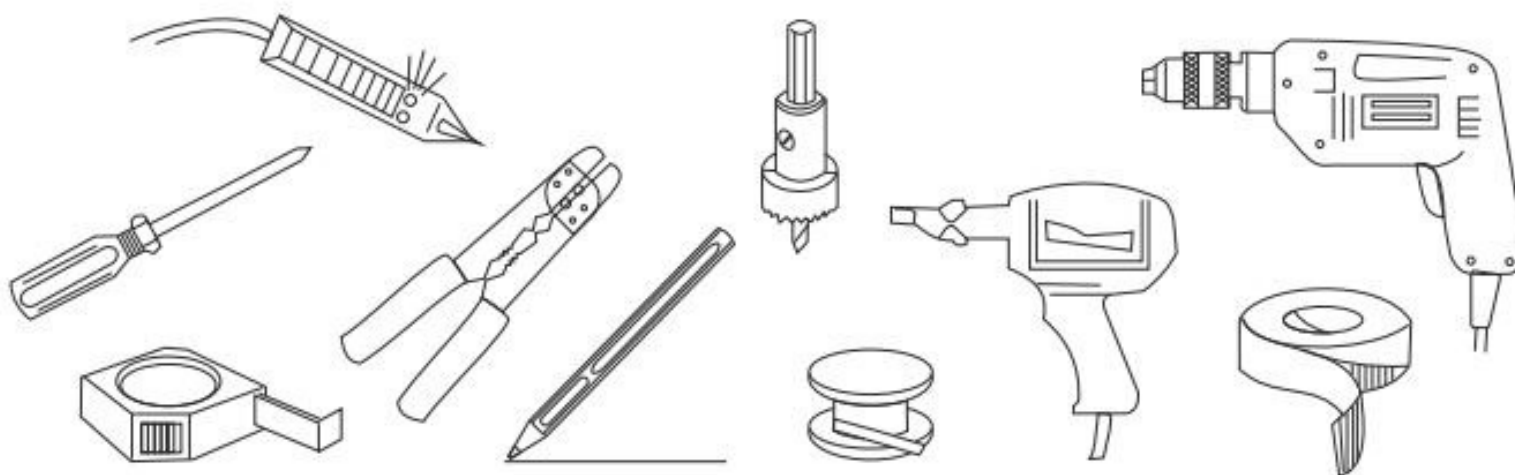
Sensor installation height adjustable from 45 to 55cm



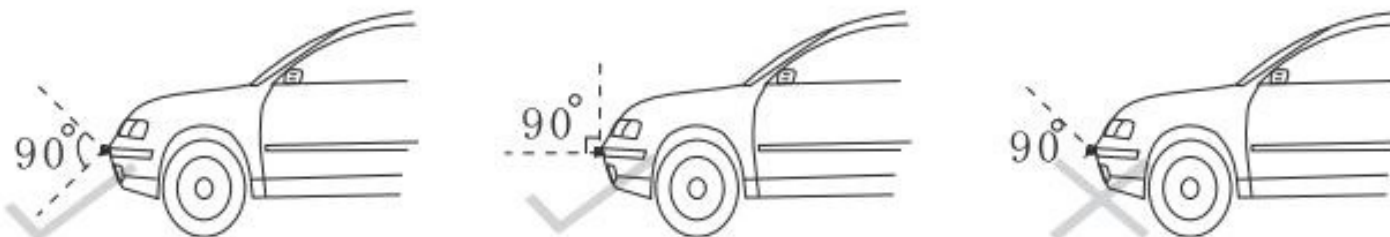
Switch 1: Anti-hook function

Switch 2: Shorten the detection distance of A&D sensor to 1M

Installation Tools



Sensor Installation



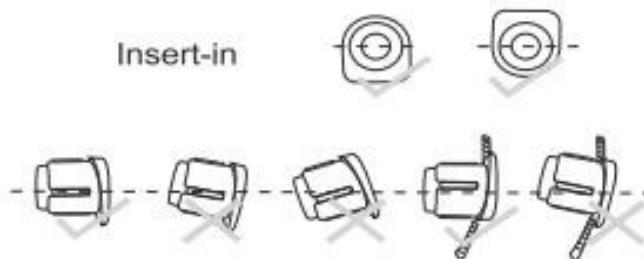
Be sure no other part of vehicle falls into the detecting range of sensors to avoid false alarm.



The best position for 2 sensors The best position for 4 sensors

The direction of sensors

Insert-in

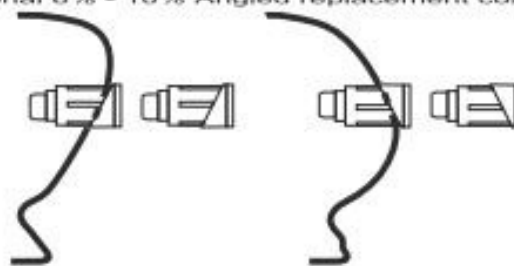


The direction of sensors (2)

Optional 6% - 10% Angled replacement collars



Vertical installation position to the ground



Sloping installation position to the ground

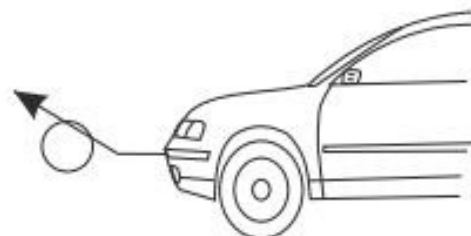
Smooth slope

Smooth round objects

Objects absorbing wave, e.g. Cotton



Objects hard to be detected



Optional 6% - 10% Angled replacement collars

