

## Main Parts



## Key Features

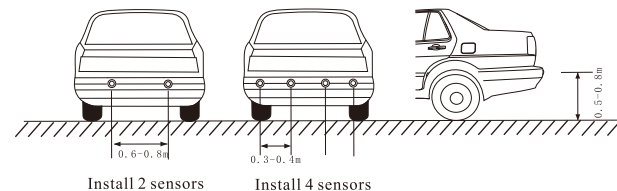
- Display or buzzer for option
- Dashboard, front/rear roof installation(display)  
88-Means it is installed on front dashboard; FU-Means it is installed on front  
/U-Means it is on rear roof and read through interior mirror; 8U-Means it is installed on rear roof
- Triggered by foot-brake signal, reversing lamp signal and tact switch
- Mute function(display)
- Self-checking function
- Code switch to adjust the detection distance of sensors

## Technical Specifications

- Operating voltage: 12VDC /24VDC
- Rated voltage: 12VDC
- Rated current: 30 ~ 180 mA
- Ultrasonic frequency: 40KHz
- Working temperature: - 30 ~ +70°C
- Storage temperature: - 40 ~ +85°C
- Temperature displaying range: - 30 ~ +70°C

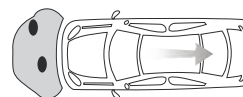
## Sensors' Installation

Advised position to install the sensors

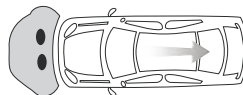


## Display Status

Safe Area 100-109cm

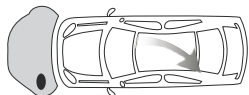


Safe Area 80-89cm

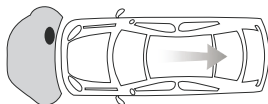


## Display Status

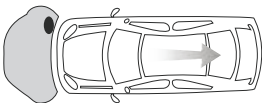
Safe Area 50-59cm



Safe Area 30-39cm



Safe Area <30cm



## Alarm Mode

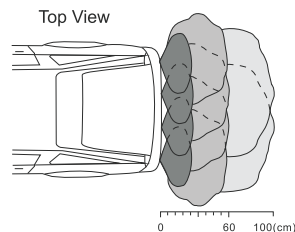
Stage	Min.obstacle distance(m)	Digital display(m)	Awareness	Bars	Alarm sound
1	<0.3	0.0	Danger area	3green+2yellow+2red	Bi...
2	0.3	0.3	Danger area	3green+2yellow+2red	Bi...
3	0.4	0.4	Danger area	3green+2yellow+1red	Bi., Bi..
4	0.5	0.5	Alarm area	3green+2yellow	Bi., Bi..
5	0.6	0.6	Alarm area	3green+2yellow	Bi.... Bi....
6	0.7-0.8	0.7-0.8	Alarm area	3green+1yellow	Bi.... Bi....
7	0.9-1.0	0.9-1.0	Safe area	3green	Bi.... Bi....
8	>1.0	dot	Safe area	dot	none

## Rotary Switch Function

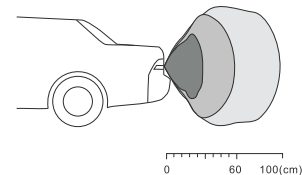
Switch 2 used to control the max.detecting distance of sensor A&B&C&D.  
(Remark:the min.detecting distance is 0.3m)

Switch 2	Max.detecting distance of sensors
OFF	1.0m/3.0f
ON	0.6m/2.0f

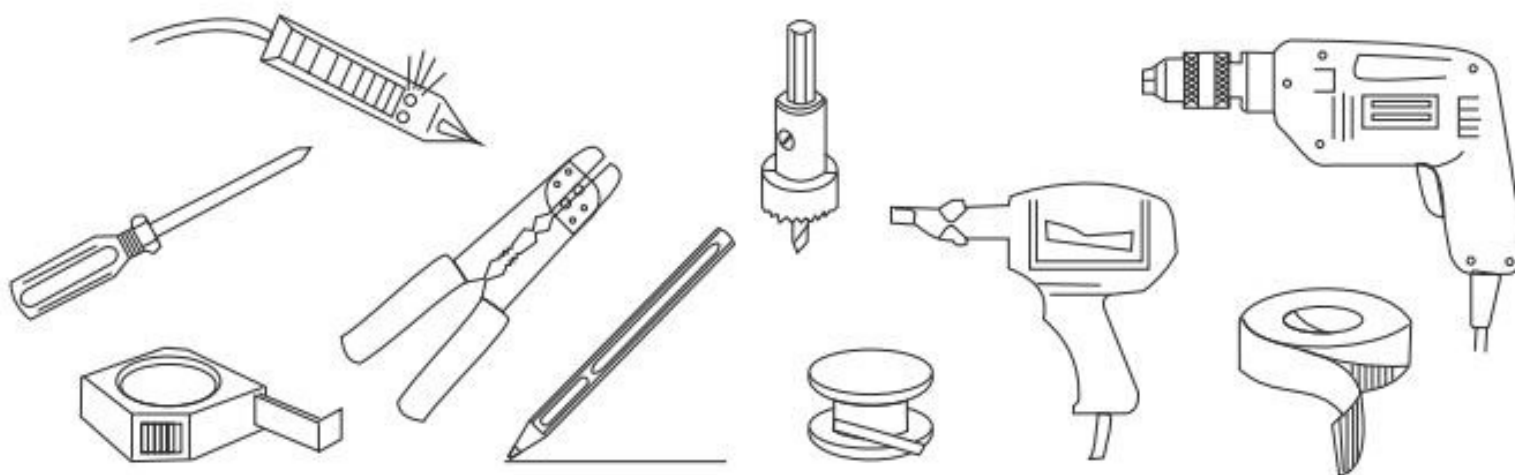
## Detecting Range



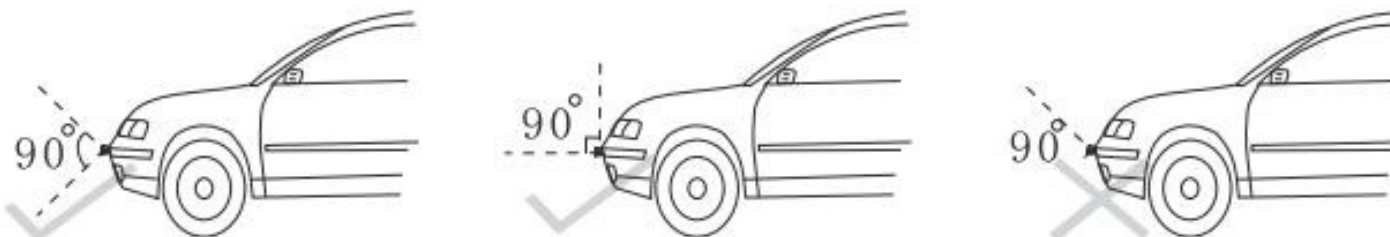
Side View



## Installation Tools



## Sensor Installation



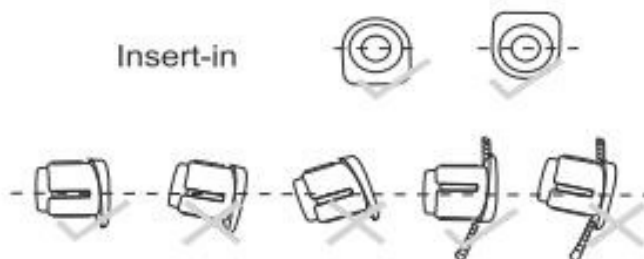
Be sure no other part of vehicle falls into the detecting range of sensors to avoid false alarm.



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

### The direction of sensors

Insert-in

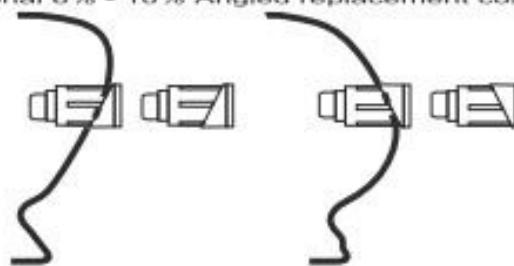


### The direction of sensors (2)

Optional 6% - 10% Angled replacement collars



Vertical installation position to the ground



Sloping installation position to the ground

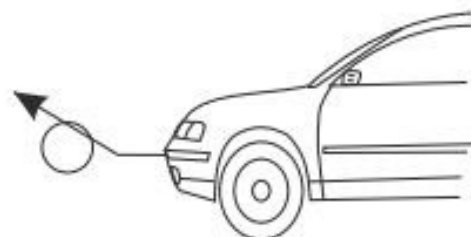
Smooth slope

Smooth round objects

Objects absorbing wave, e.g. Cotton



Objects hard to be detected



Optional 6% - 10% Angled replacement collars

