



# PRO OES

## Rear Parking Sensor Installation Manual

**PRO2221 (Buzzer)**

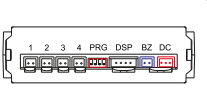
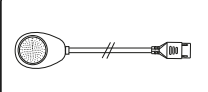

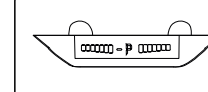
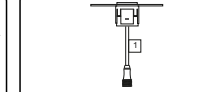




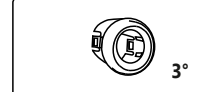
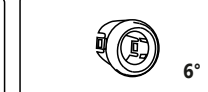
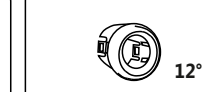

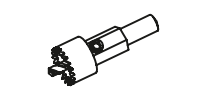
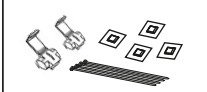
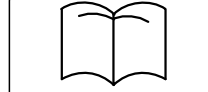


**PRO4121 (LCD)**

**PRO6621 (LED)**



# Contents of the Box

Set Code:2221/4121/6621

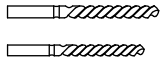
					
ECU Quantity: 1pc	Buzzer * Quantity: 1pc	LCD Display * Quantity: 1pc	LED Display * Quantity: 1pc	Sensor Quantity: 4pc	Wire Harness Quantity: 4pc 2,5m
					
Power Cable Quantity: 1pc	Sticker Quantity: 1pc for buzzer	Sticker Quantity: 1pc for ECU	Angled Sleeves Quantity: 4pc	Angled Sleeves Quantity: 4pc	Angled Sleeves Quantity: 4pc
					
Silicon Ring Quantity: 4pc	Drill Bit Quantity: 1pc 20 mm	Sticker Scotchlok	Installation Manual Quantity: 1pc	User's Manual Quantity: 1pc	Optional 16.4mm For Flush Mount

\* Depend on Model

# Tools



Electric Drill



Drill Bit 10mm  $\varnothing$   
Drill Bit 4mm  $\varnothing$



17 wrench



Soldering Tool



Solder Wire



Insulating Tape



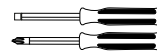
Marker



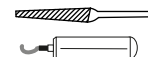
Cable Cutter



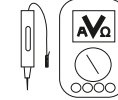
Tape Measure



Screwdriver



Rasp and Cutter



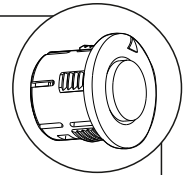
Testmeter



Heat Blower



Alcohol



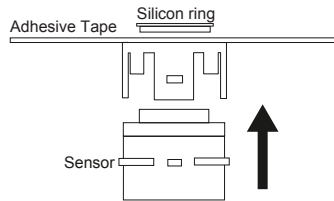
Felt	Prime	Paint	Warnish	↔

### Flush Mount

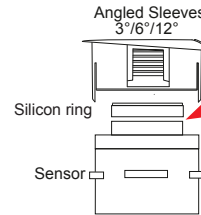


\*Optional

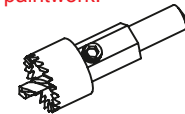
Drill Bit 16,4mm



### Outside Drill

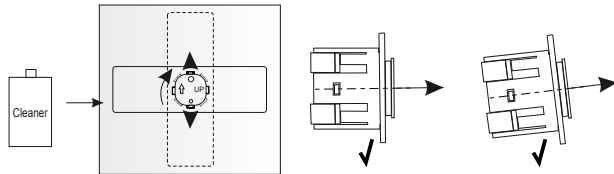


Silicon ring install after paintwork!



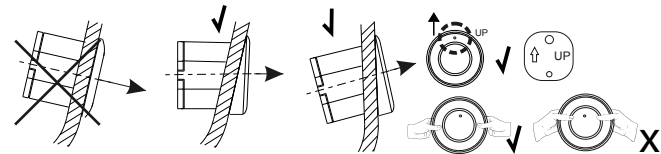
Drill Bit 20mm

When mounted in the bumper, the adhesive holders can be mounted horizontally or vertically. The arrow on the back of the sensor and the lettering UP must always be directed upwards. Use only this model when the sensors are horizontal or slightly upwards.



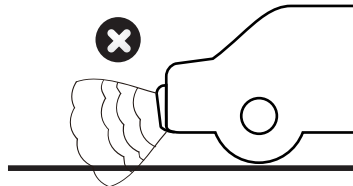
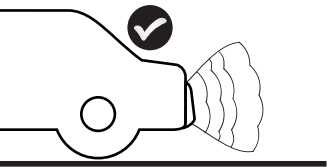
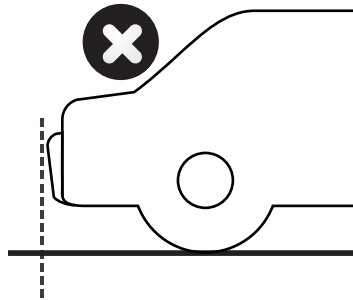
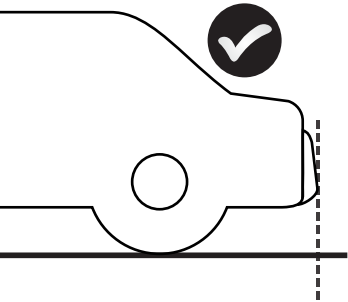
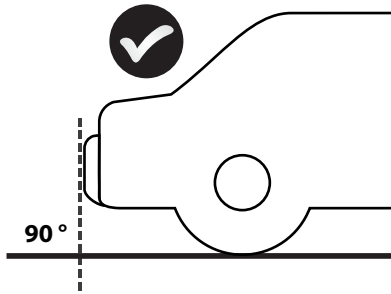
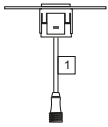
The bumper surface must be dedusted and degreased before stick.

The sensors must never be directed downwards. Use the appropriate mounting sleeves so that the sensors are in a horizontal or slightly upwards position. The point on the front of the sleeve as well as the arrow and the label up on the rear of the sensor must face upwards.

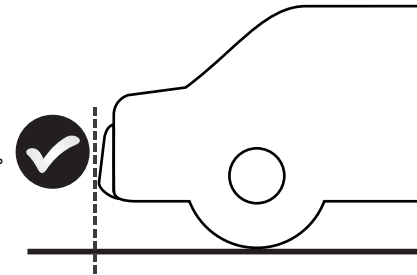
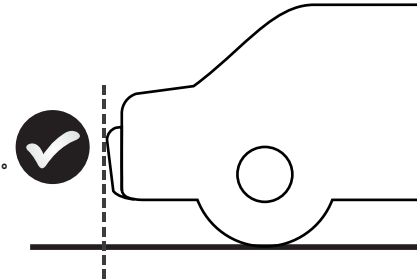
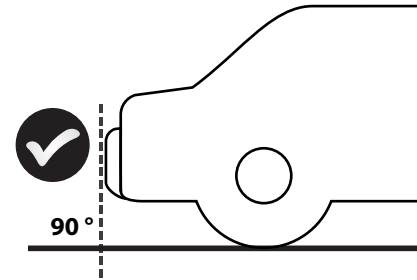
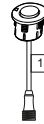


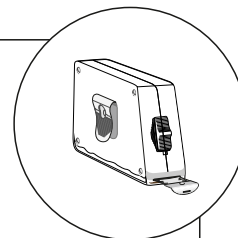
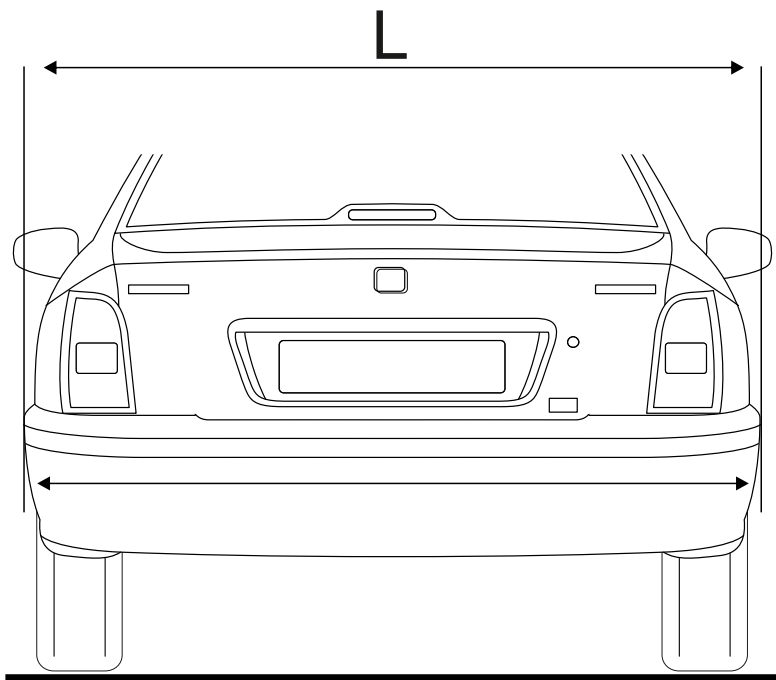
The sensors may only be mounted with pressure on the sleeve

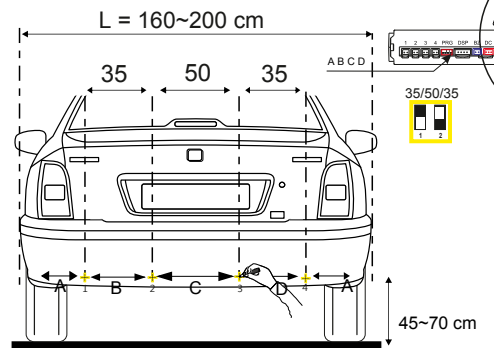
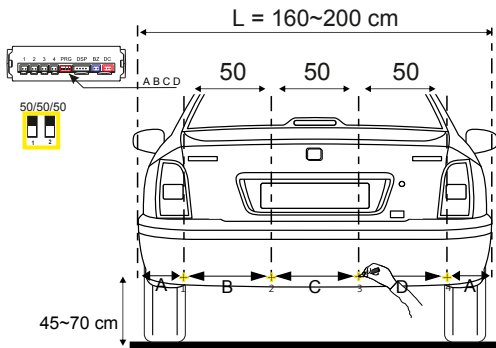
### Flush Mount Type



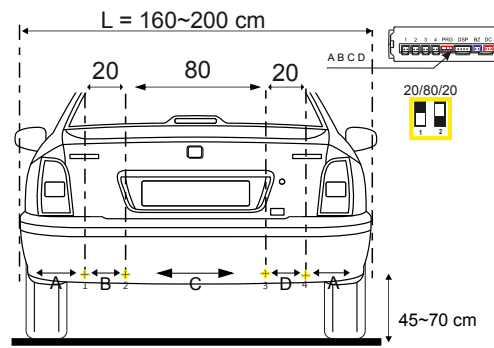
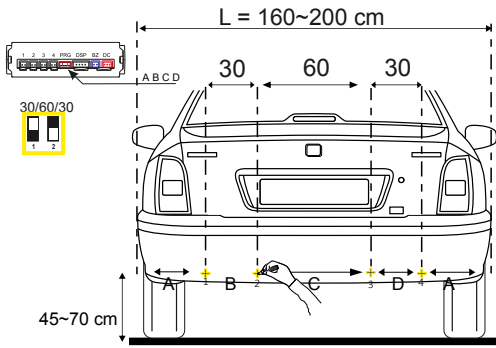
### Outside Drill Type



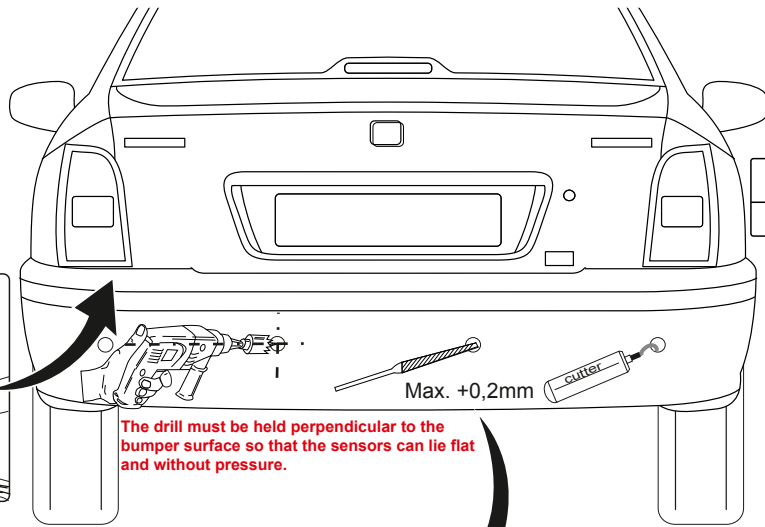




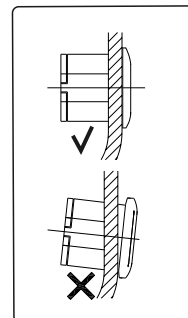
The sensors can be installed at different heights



The sensors must not be mounted very tight, as this can lead to problems. Since the supplied drill bit has a very suitable diameter, the holes can easily be expanded as required.

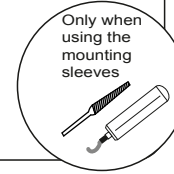
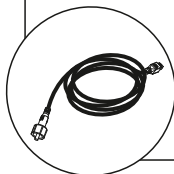


Angled Sleeves 3°	Angled Sleeves 6°	Angled Sleeves 12°



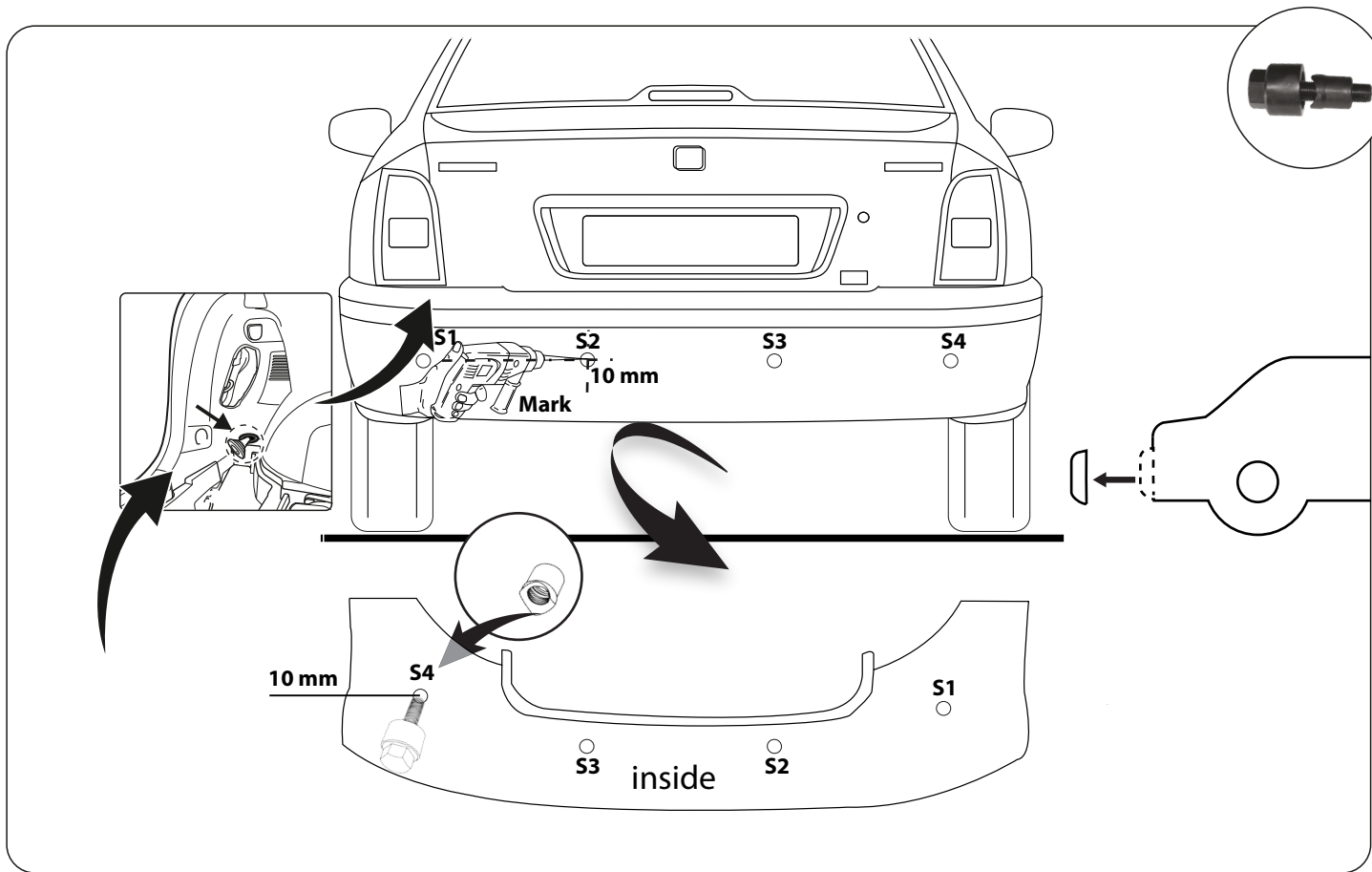
Leave sufficient sensor line clearance free to allow a later change of the sensors without disassembling the bumper (~20cm)

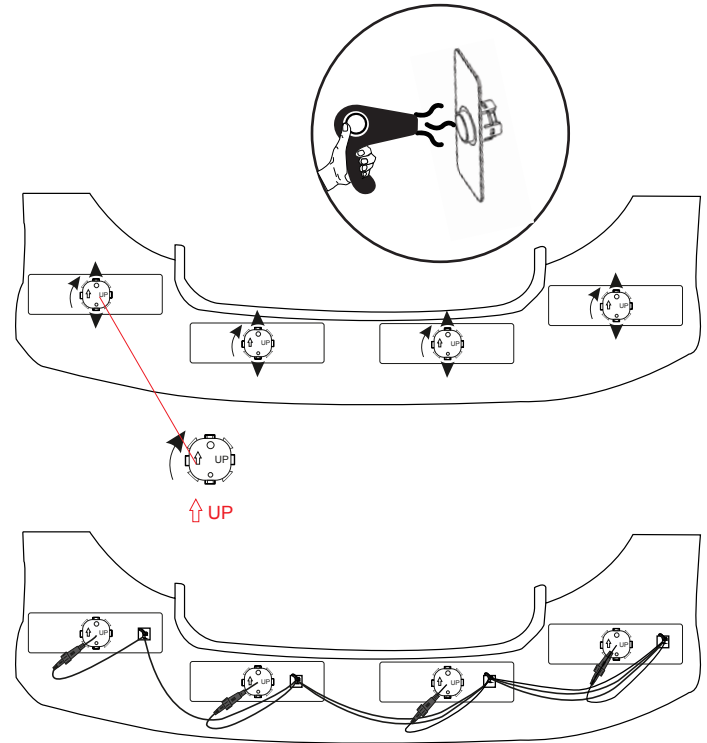
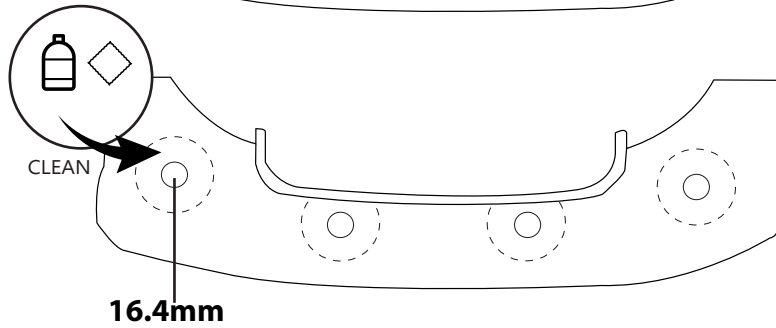
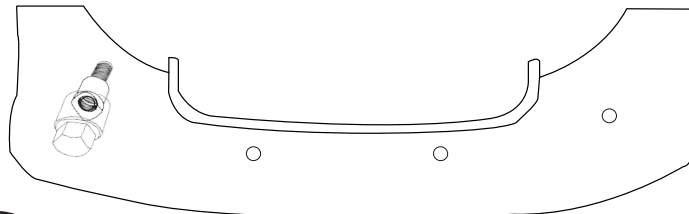
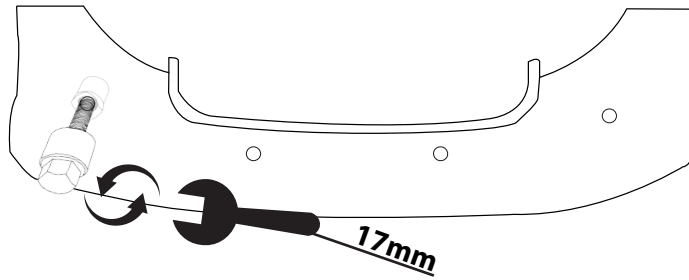
For many vehicles it is advisable to remove the bumper

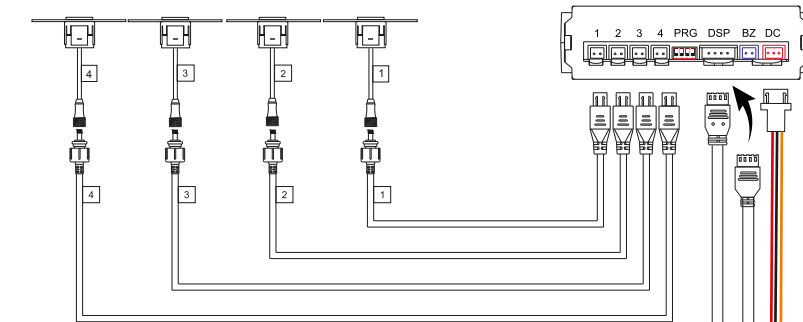


Only when using the mounting sleeves



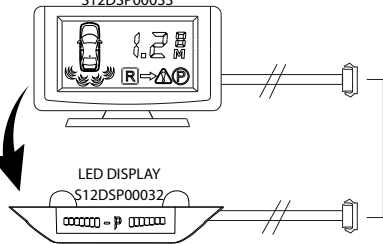






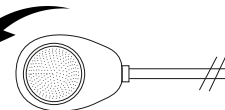
LCD DISPLAY  
S12DSP00033

OR

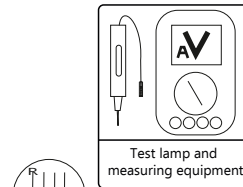
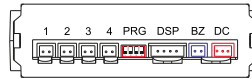


LED DISPLAY  
S12DSP00032

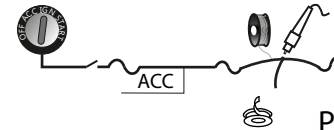
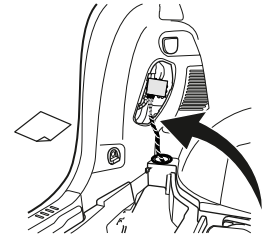
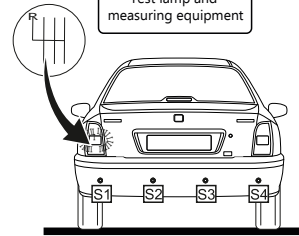
OR



BUZZER  
S12BZR00016

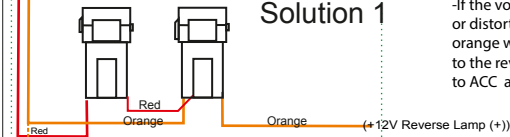


Fasten the control unit

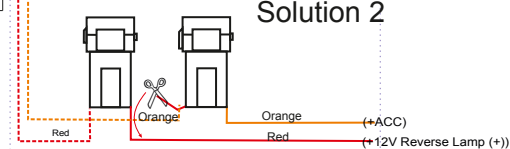


Black (Ground)

Solution 1



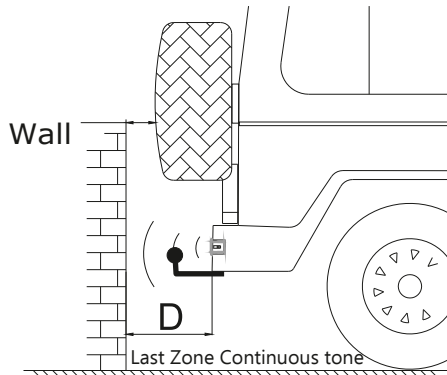
Solution 2



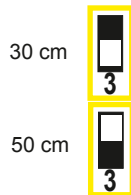
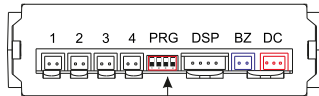
### Power

- Under normal circumstances, connect the orange wire to the reverse light +12v and black wire to ground.
- If the voltage of the reverse light is weak or distorted, cut the red wire from the orange wire and connect the red wire to the reverse light +12v, the orange wire to ACC and black wire to ground.

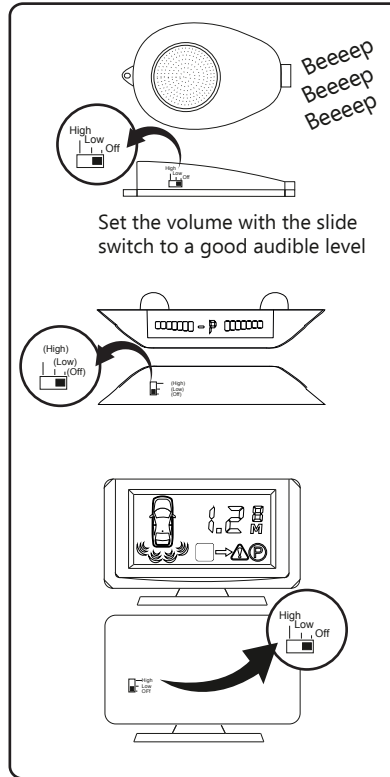
### Distance for



For vehicles with a spare wheel mounted on the tailgate or with trailer coupling, the warning zone for the last zone (duration) can be extended from 30 to 50 cm.



### Volume Description



### Display Orientation

