



PRO OES

Front-Rear Parking Sensor Installation Manual

PRO22218 (Buzzer)

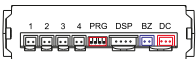
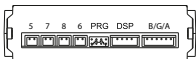
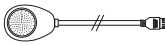





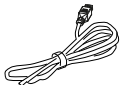
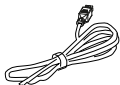
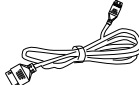







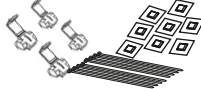

PRO43218 (LCD)



10R-05 1524

Contents of the Box

Set Code:22218/43218

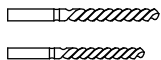
					
Rear ECU Quantity: 1pc	Front ECU Quantity: 1pc	Buzzer * Quantity: 1pc	LCD Display * Quantity: 1pc	Sensor Quantity: 8pc	Front On-Off Switch Quantity: 1pc
					
Rear Wire Harness Quantity: 4pc 2,5m	Front Wire Harness Quantity: 4pc 4,5m	Rear Power Cable Quantity: 1pc	Front Power Cable Quantity: 1pc	Connection Wire Quantity: 1pc	Silicon Ring Quantity: 8pc
					
Sticker Quantity: 1pc for buzzer	Sticker Quantity: 2pc for ECU	Angled Sleeves Quantity: 8pc	Angled Sleeves Quantity: 8pc	Angled Sleeves Quantity: 8pc	Drill Bit Quantity: 1pc 20 mm
					
Sticker Scotchlok	Optional 16,4mm For Flush Mount				

* Depend on Model

Tools



Electric Drill



Drill Bit 10mm Ø
Drill Bit 4mm Ø



17 wrench



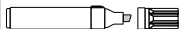
Soldering Tool



Solder Wire



Insulating Tape



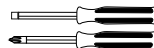
Marker



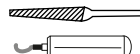
Cable Cutter



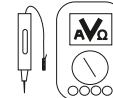
Tape Measure



Screwdriver



Rasp and Cutter







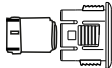
Testmeter

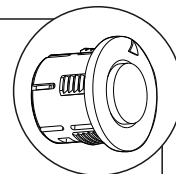


Heat Blower

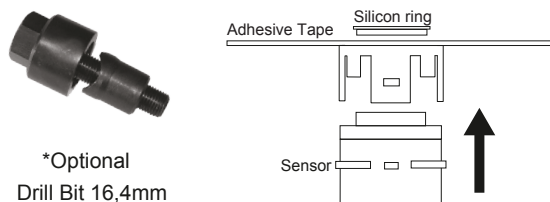


Alcohol

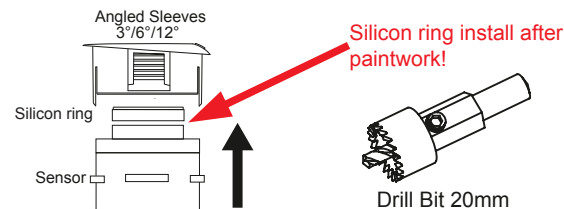
				
Felt	Prime	Paint	Warnish	



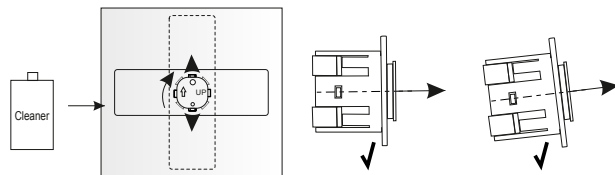
Flush Mount



Outside Drill

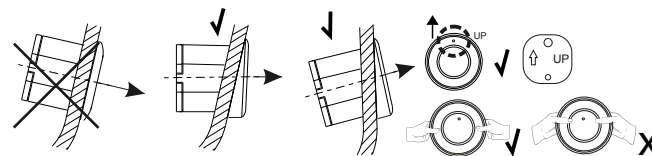


When mounted in the bumper, the adhesive holders can be mounted horizontally or vertically. The arrow on the back of the sensor and the lettering UP must always be directed upwards. Use only this model when the sensors are horizontal or slightly upwards.



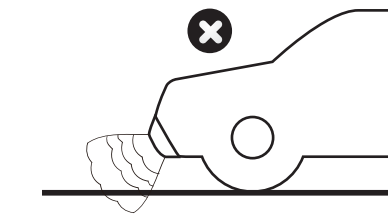
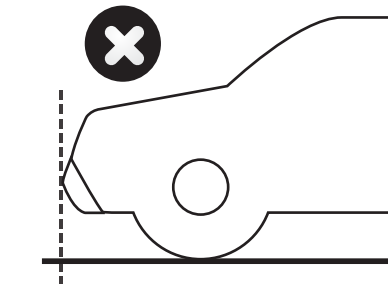
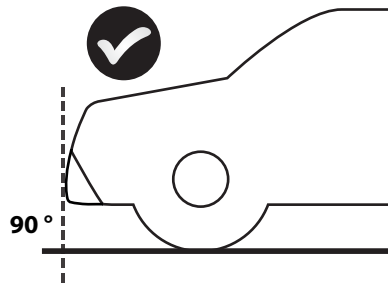
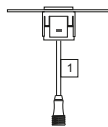
The bumper surface must be dedusted and degreased before stick.

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.

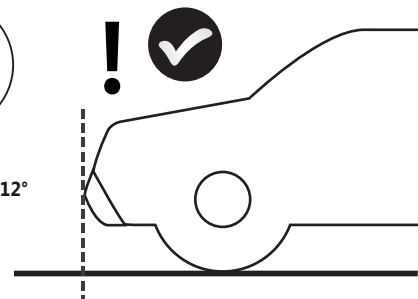
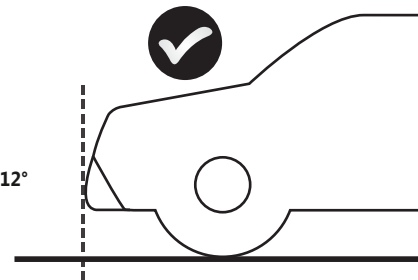
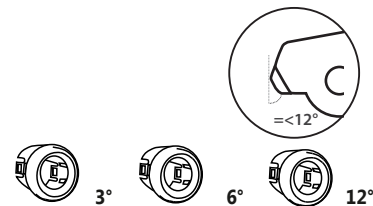
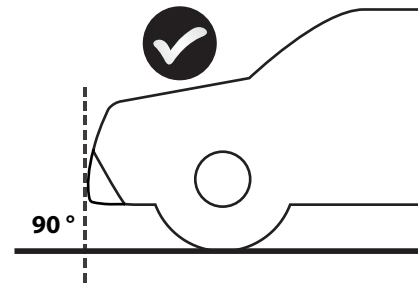
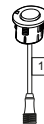


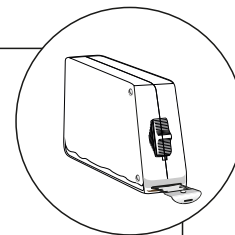
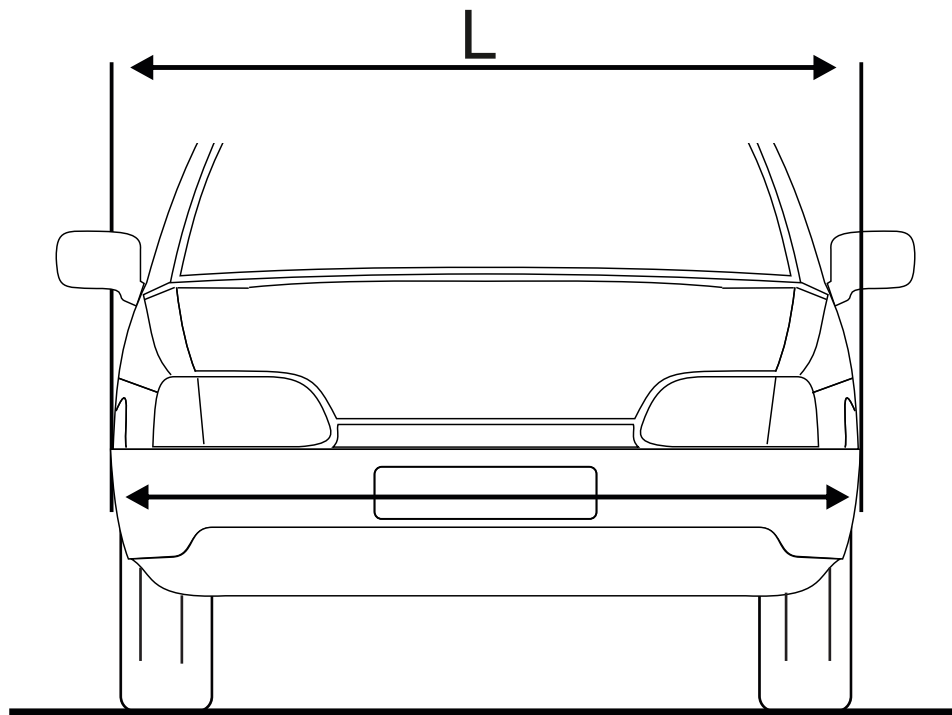
The sensors may only be mounted with pressure on the sleeve

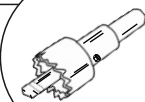
Flush Mount Type



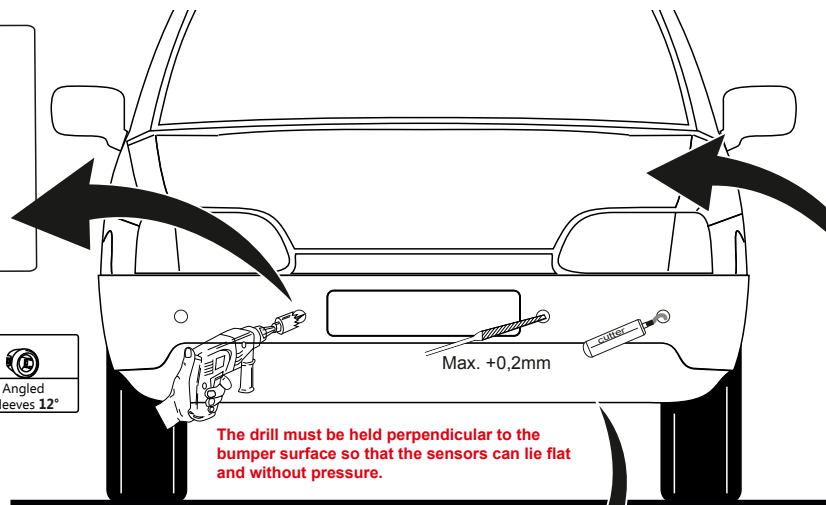
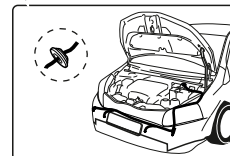
Outside Drill Type





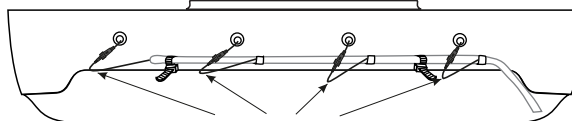
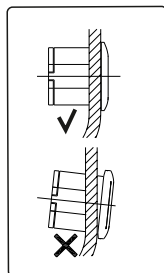


The sensors must not be mounted very tight, as this can lead to problems. Since the supplied drill bit has a very suitable diameter, the holes can easily be expanded as required.



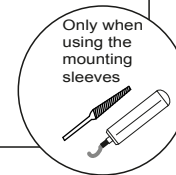
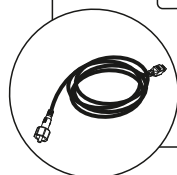
The drill must be held perpendicular to the bumper surface so that the sensors can lie flat and without pressure.

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

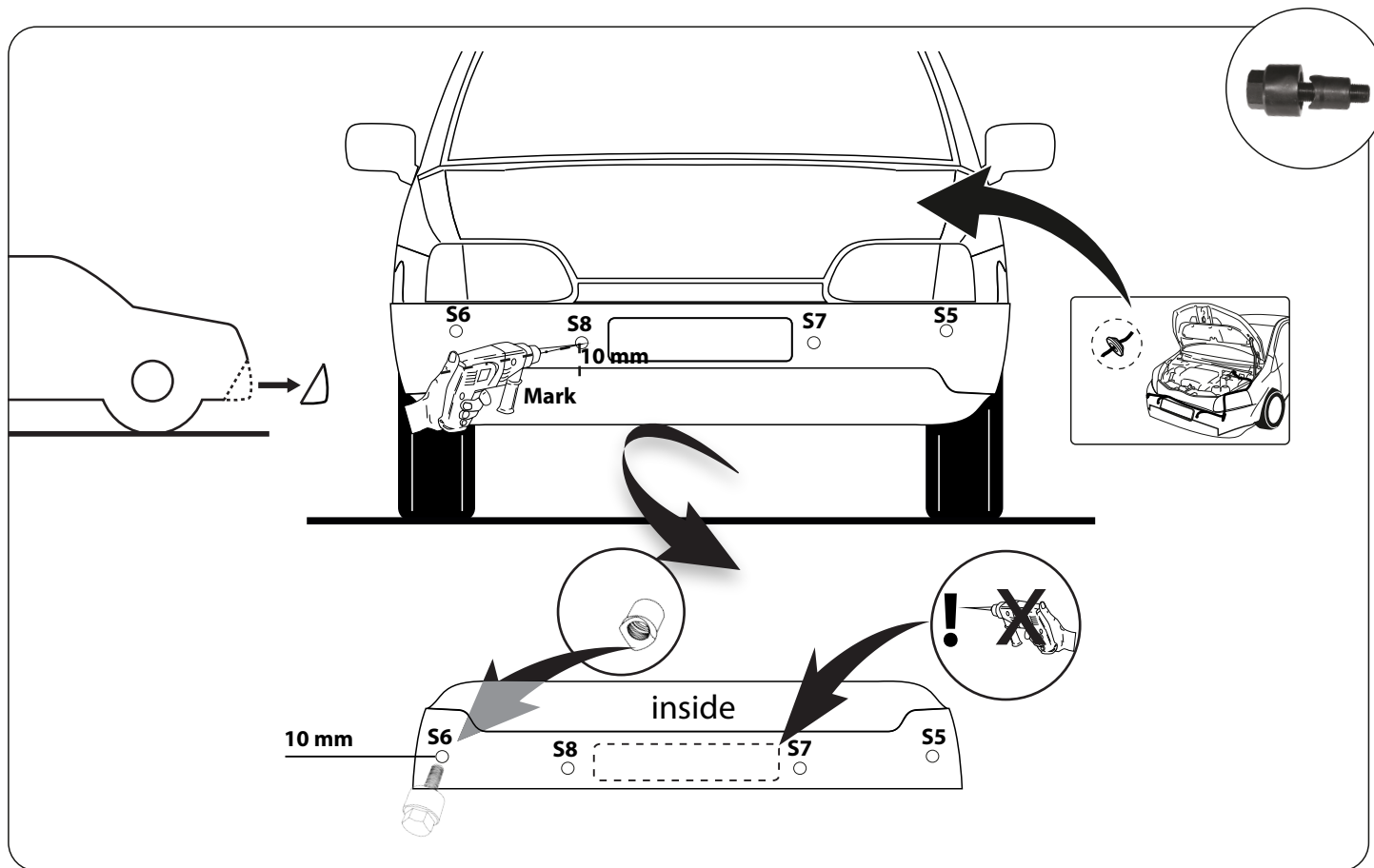


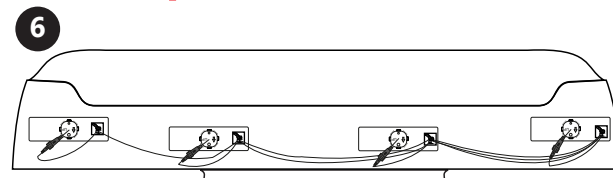
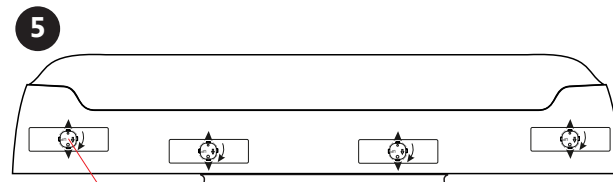
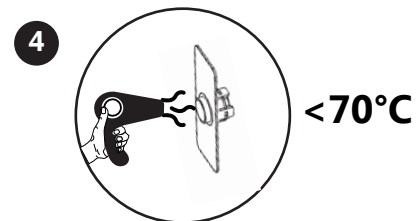
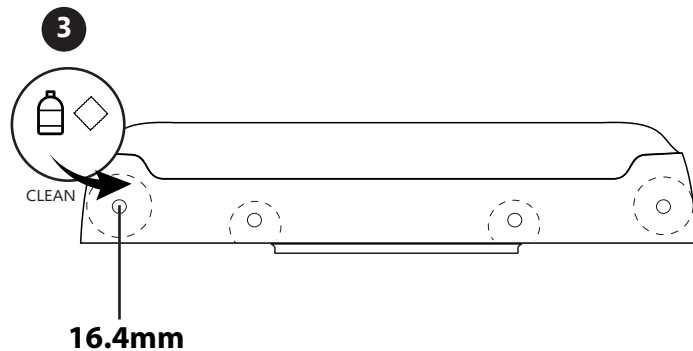
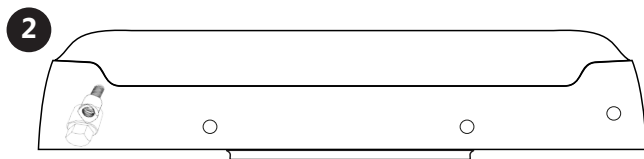
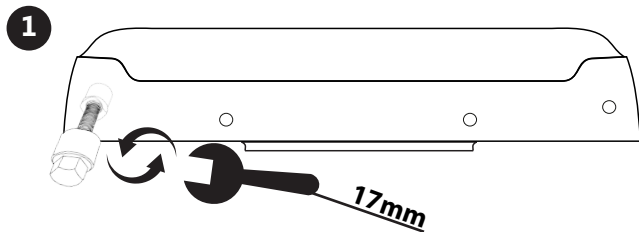
Leave sufficient sensor line clearance free to allow a later change of the sensors without disassembling the bumper (~20cm)

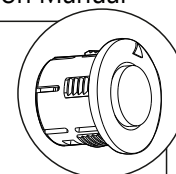
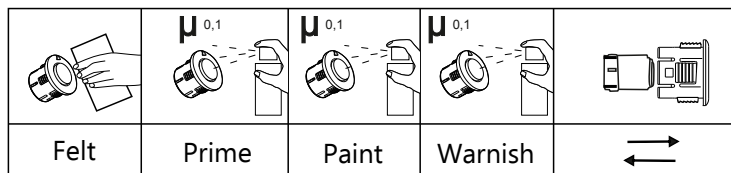
For many vehicles it is advisable to remove the bumper



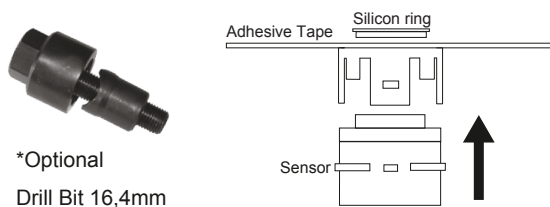
Only when using the mounting sleeves



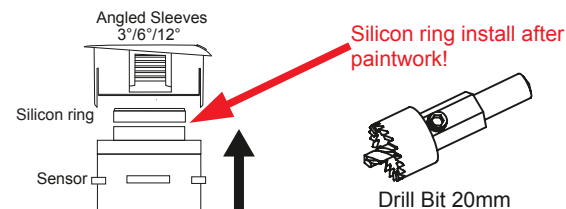




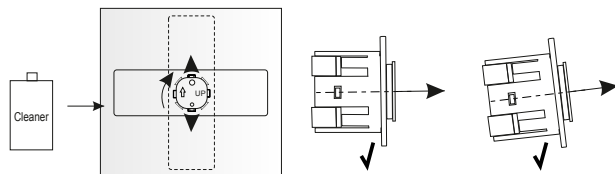
Flush Mount



Outside Drill

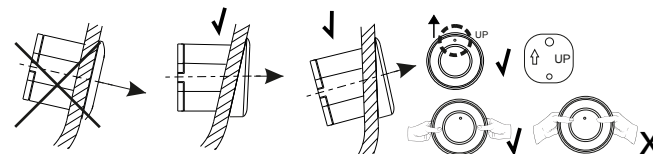


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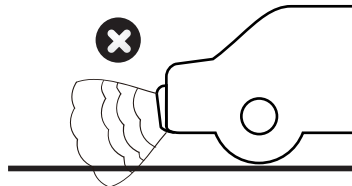
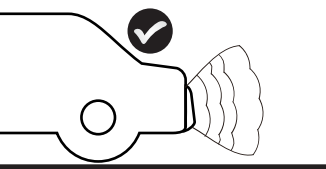
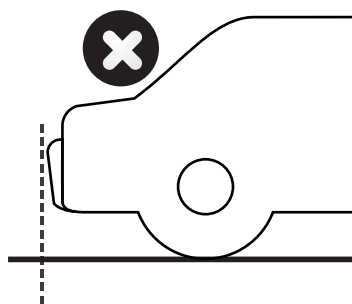
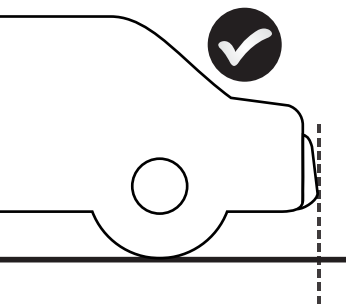
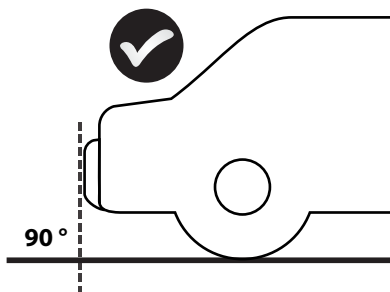
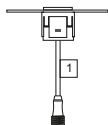
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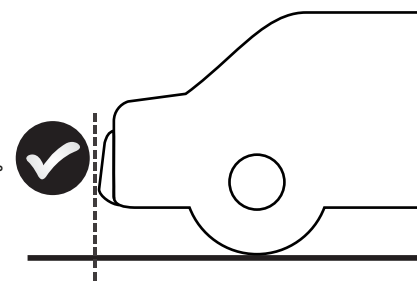
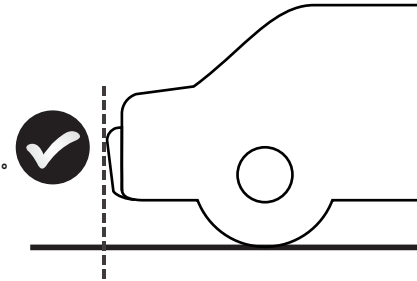
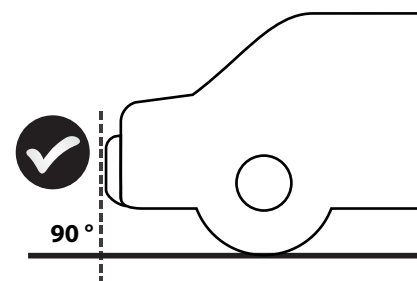


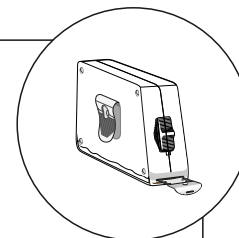
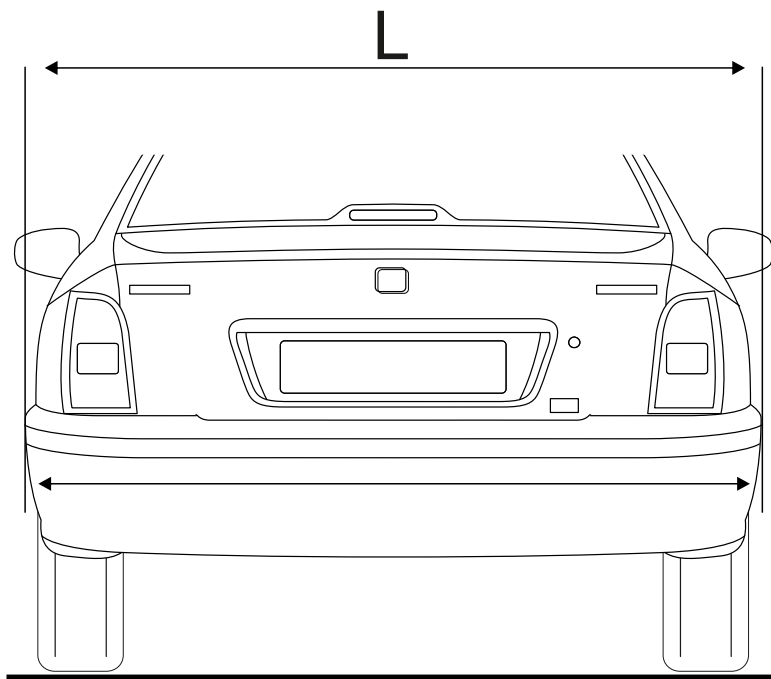
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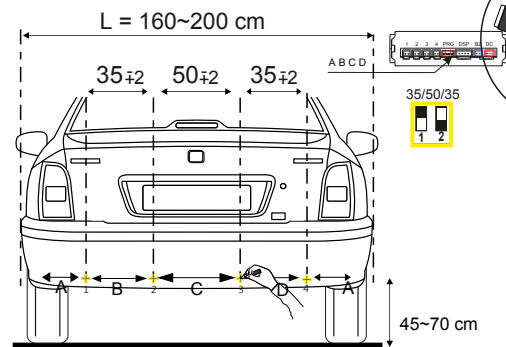
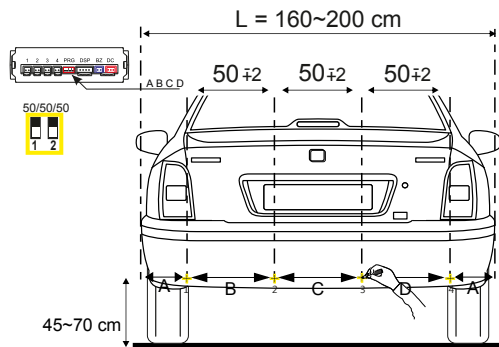
Flush Mount Type



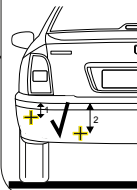
Outside Drill Type



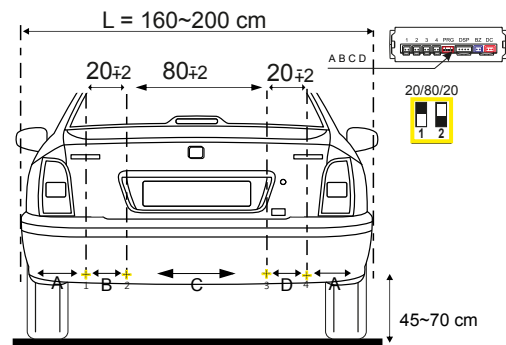




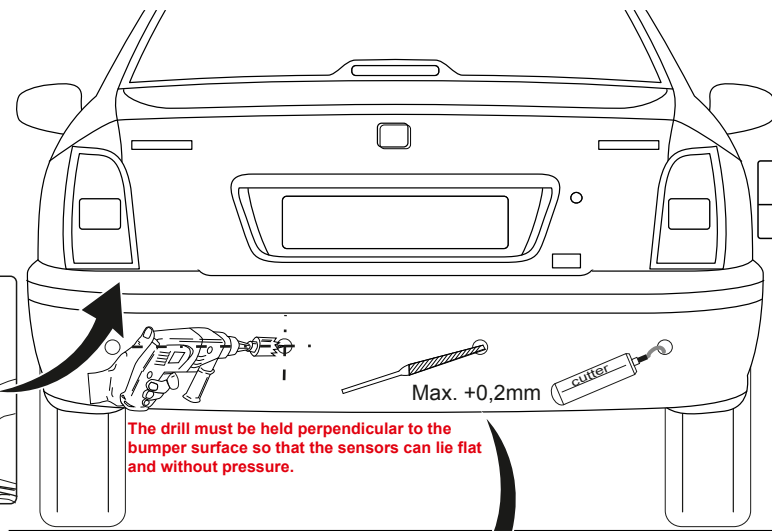
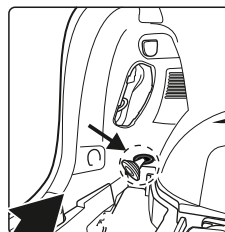
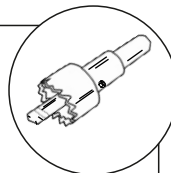
The sensors can be installed at different heights



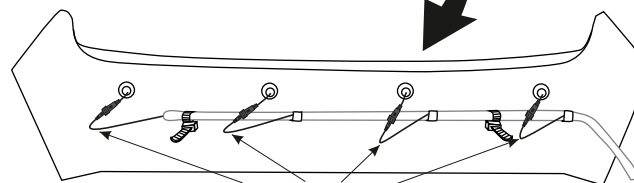
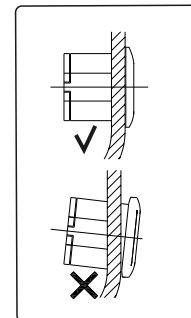
Different distance adjustment can be programming through pc with our special pc software.



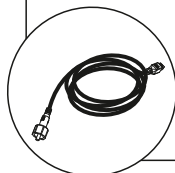
The sensors must not be mounted very tight, as this can lead to problems.
Since the supplied drill bit has a very suitable diameter, the holes can easily be expanded as required.



The drill must be held perpendicular to the bumper surface so that the sensors can lie flat and without pressure.



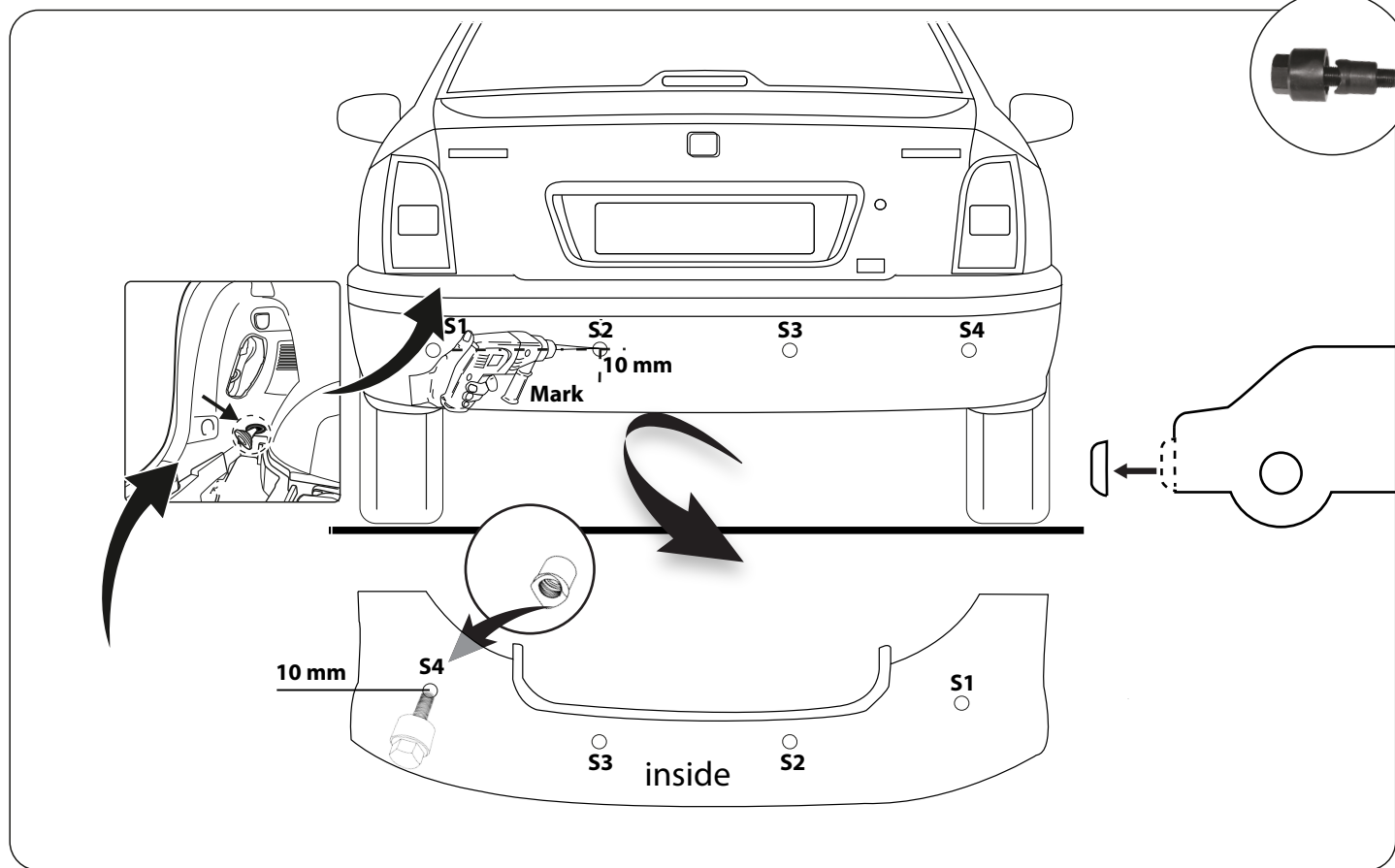
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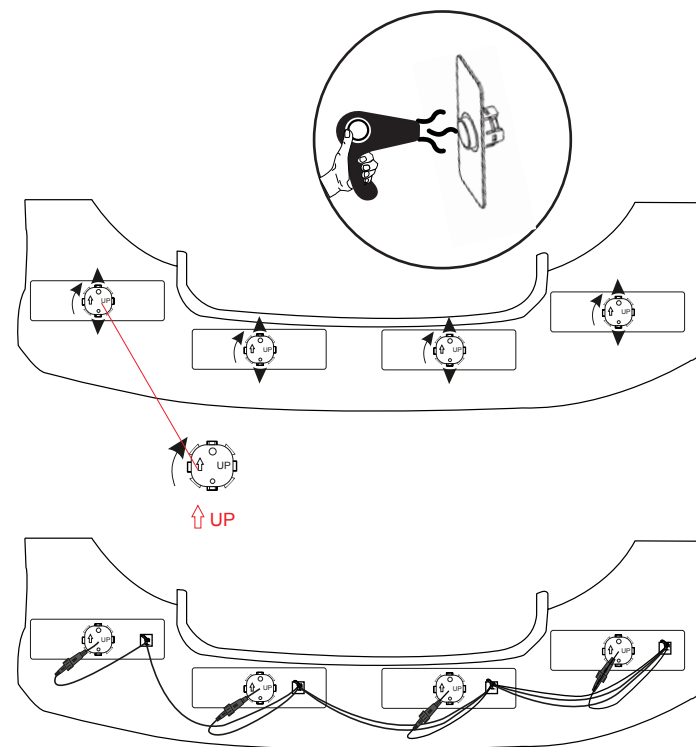
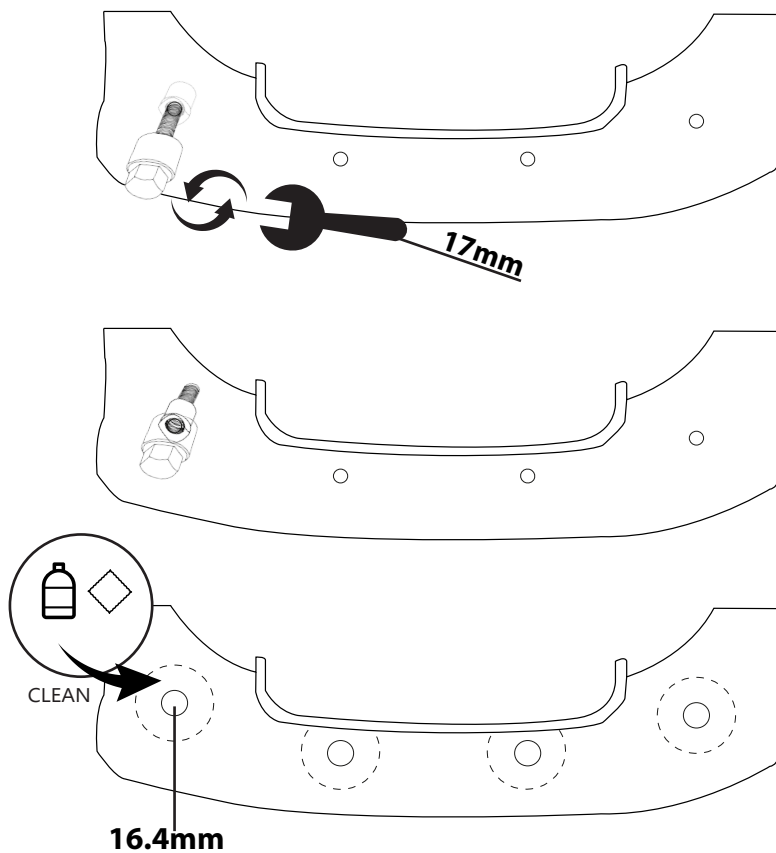


For many vehicles it is advisable to remove the bumper



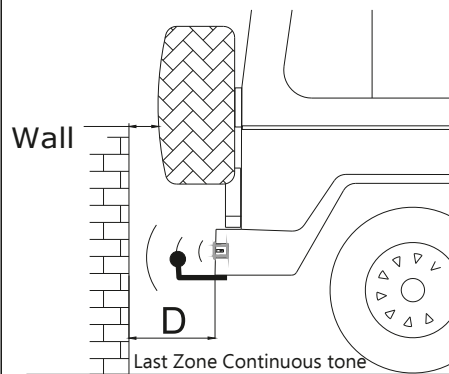
Only when using the mounting sleeves



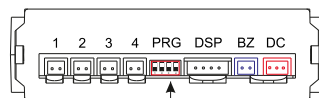


REAR

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.



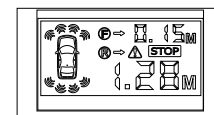
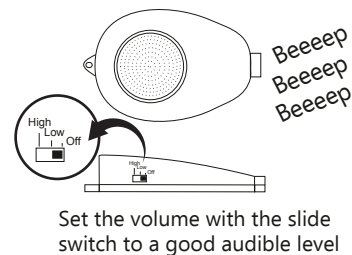
30 cm



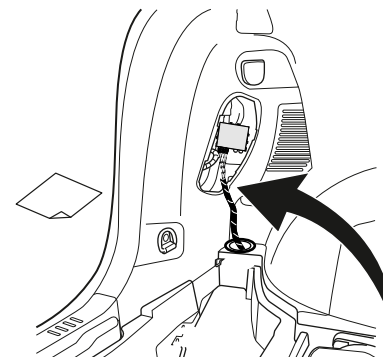
50 cm



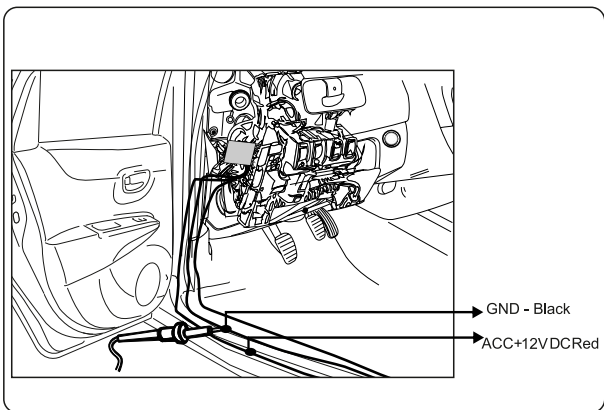
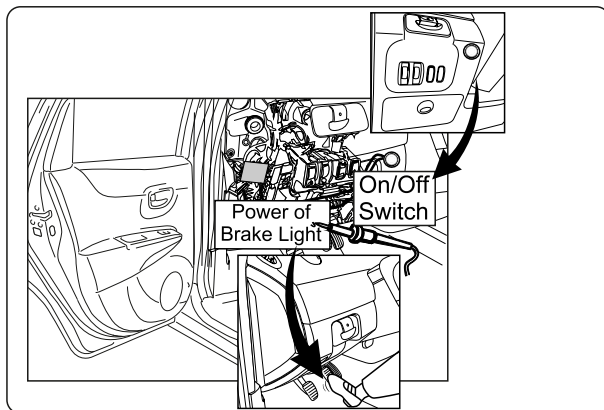
Volume



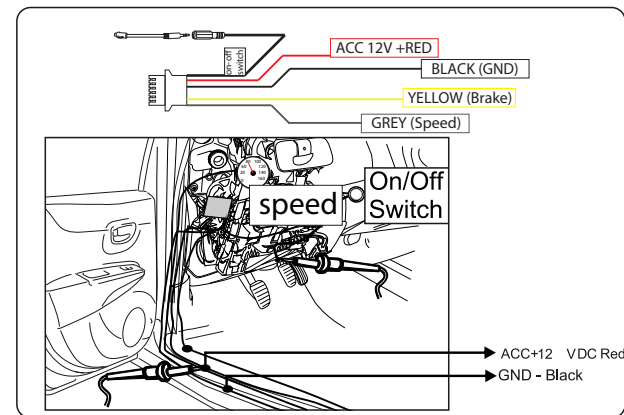
Fasten the control unit



Option1 (FRONT)



Option2 (FRONT)



Fasten the control unit

