



# Front Parking Sensors

The Mongoose front parking sensors are automatic and operate only when the brake pedal is depressed with the engine running. They stay 'on' for 10 seconds after the brake pedal is released to assist in the parking manoeuvre as you may wish to use the accelerator for final positioning.

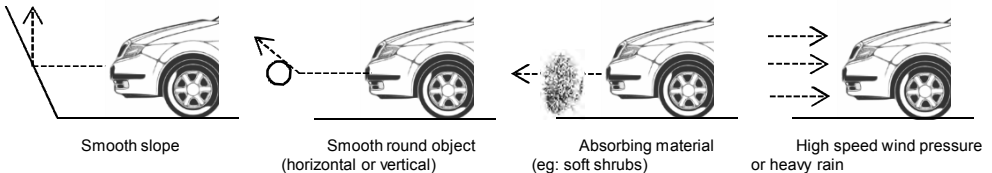
Usually, only two sensors are fitted to cars and four on larger vehicles unless fitted with a bull-bar.

These sensors are an aid to parking and normal driving techniques and precautions must be used.

Stages	Distance	Awareness	Alarm sound	
1	> 1.3m	Safe	No sound	-
2	1.3-1.1m	Pay attention	Slow beeping	Bi.....Bi.....Bi.....Bi
3	1.0-0.5m	Be aware	Faster beeping	Bi..Bi..Bi..Bi
4	0.4-0.0m	STOP Danger	Continuous sound	Bi!!!!!!!!!!!!!!!!!!!!!!!!!!!!

There some situations where the sensors may no detect a situation or object, or give a false alarm, such as:- heavy rain, snow, ice, very hot or cold, gravel or bumpy road, sensors covered in mud or water, etc.

This is not a fault but a nature of the product. Clean and dry sensors with water, no solvents. Protect with 'Rain-x'.



At the time of installation, an on/off switch may have been fitted within easy reach for the driver. In situations where wind pressure is an issue, or the sensors detect other vehicles in traffic jams, or any of the above situations, the sensors can be turned off to prevent any annoyance. Please remember to turn them on when parking.

## INSTALLATION

Observe the recommended sensor distances. Measure and mark sensor locations. Check behind bumper for unimpeded access.

Use hole cutting tool provided (plastic only). Mount sensors and route cables to inside the vehicle. **DO NOT PUSH CENTRE OF SENSOR - ONLY PUSH ON RIM !**

Connect wires as shown below and fit an optional on/off switch (not supplied) on the ground wire and mount where the driver can access it.

Connect and test each sensor individually for correct operation.

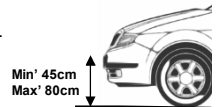
## PAINTING

The sensor heads may be painted to match the vehicle colour.

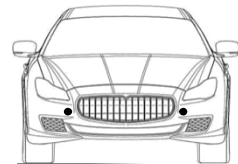
1. Apply a neutral grey primer.
2. Apply two thin colour coats.
3. If required, apply a thin clear gloss.

Allow to dry thoroughly between coats.

Paint 24 hours before installation



Rated voltage: 12v  
 Operating voltage: 10.5-15vDC  
 Rated current: 20mA-200mA  
 Detection range: 0.2-1.3m  
 Frequency: 40KHz  
 Working temp: -30c~+80c



2 sensors  
 60cm-80cm

4 sensors  
 Each spacing 30cm-40cm

[www.mongoose.co.nz](http://www.mongoose.co.nz)  
[www.mongoose.com.au](http://www.mongoose.com.au)

