



Front Parking Sensors with Speed Sensing

The Mongoose front parking sensors are automatic and operate only when the brake pedal is depressed with the engine running and at speeds between 1 and 15kph. 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 sensors on larger vehicles unless fitted with a bull-bar which may obstruct them. 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'.



Smooth slopes
like driveways, walls



Smooth round object
(horizontal or vertical)



Absorbing material
(eg: soft shrubs)



High speed wind pressure
or heavy rain

INSTALLATION

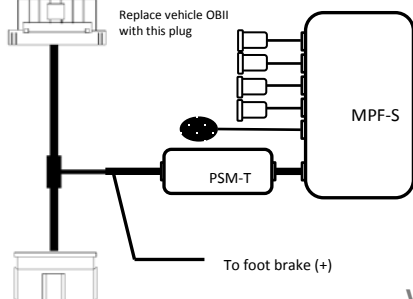
Observe the recommended sensor distances. Measure and mark sensor locations. Check behind bumper for unimpeded access.

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 as shown below. Fit on/off switch if required to foot brake wire (not supplied).

Connect and test each sensor individually for correct operation.



Connect to vehicle OBI

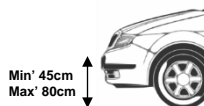
PAINTING

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
www.mongoose.com.au