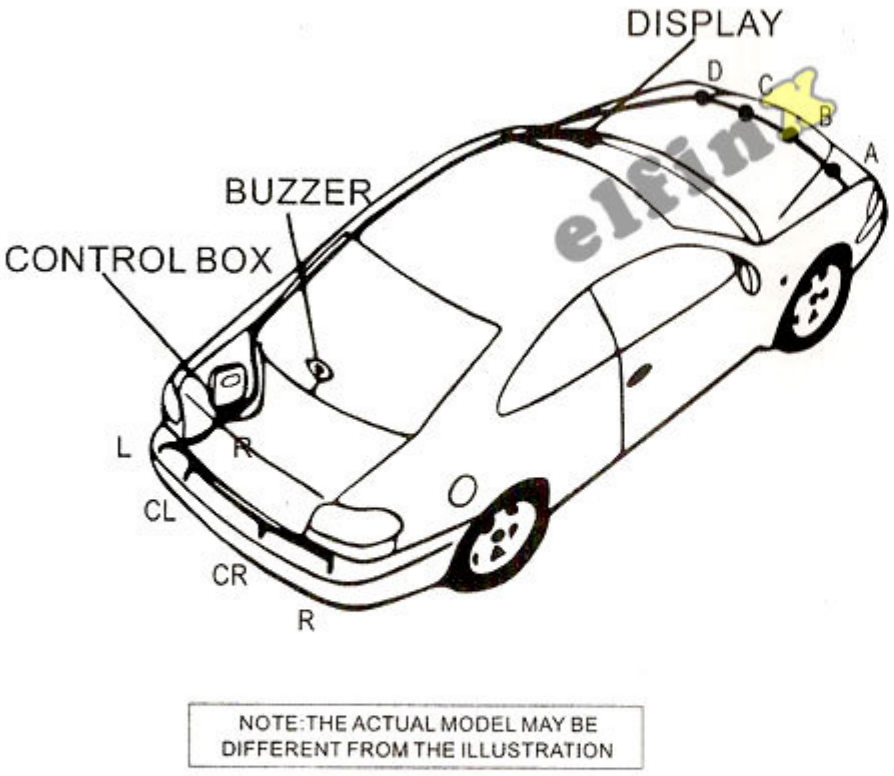
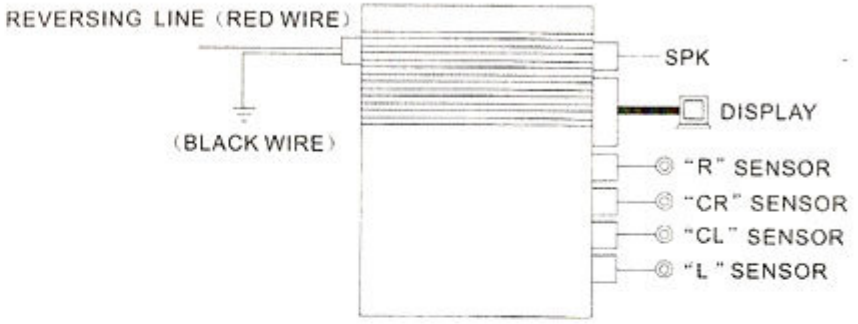
elfinX

1.SCHEMATIC DIAGRAMS FOR INSTALLATION AND WIRING

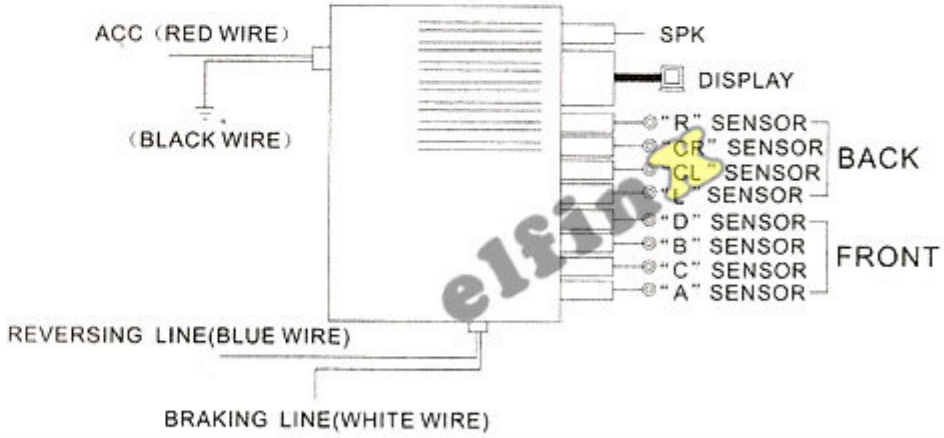


NOTE:THE ACTUAL MODEL MAY BE DIFFERENT FROM THE ILLUSTRATION

(1) 2~4 SENSORS



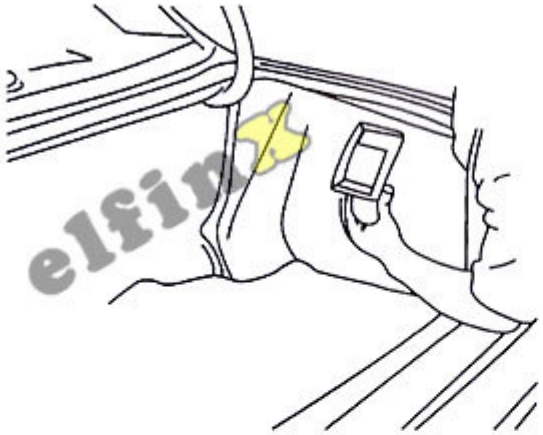
(2) 6~8 SENSORS



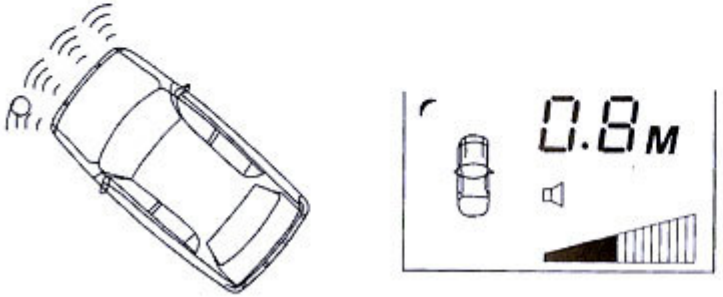
P.S.

For rear, it will turn on when the gear is in reverse 'R'
For front connection, we recommend the control wire is connected to the '+' brake wire so when you hit the brake, the front sensors will turn on.
Or you can choose to connect with a switch button so whenever you want to turn on the front sensor, just turn on the switch.

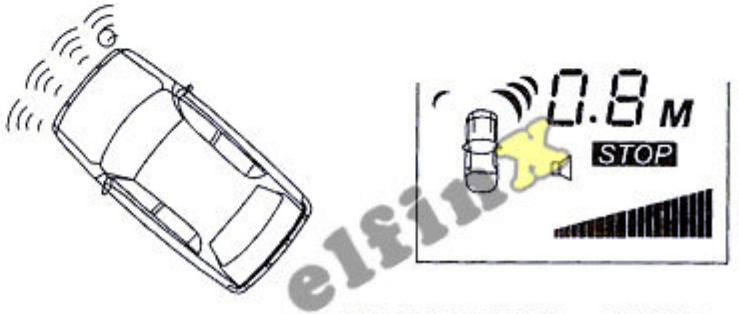
Find a protected and waterproof location inside the rear luggage compartment of body and place the control box temporarily in position.



FUNCTION



1.FRONT LEFT: 0.8M from obstacles



2.FRONT RIGHT: 0.4M from obstacles

ALARM MODE

Self-checking way:

self-checking while system start-up:

1.system workable: Bi 2.system fault: Bi Bi-

self-checking while system is working:

1.one or two sensor fault: one time of Bi Bi from system, then system still in working under other correct sensor.

2.All sensor fault: one time of Bi Bi- and system stop to work.

FRONT

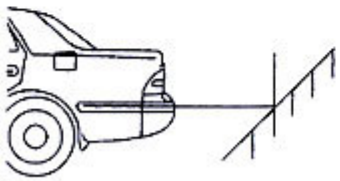
RANGE	DISTANCE	ALARM
1	1.2~0.8M	Mute
2	0.7~0.0M	BI-BI-BI

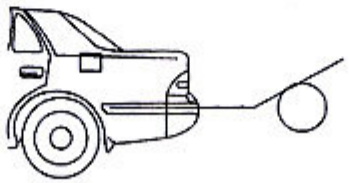
REAR

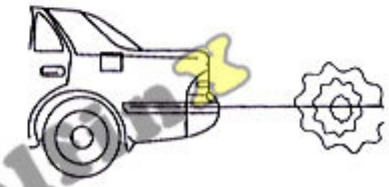
RANGE	DISTANCE	ALARM
1	2.0~1.2M	Mute
2	1.2~0.9M	BI------BI------
3	0.9~0.7M	BI---BI---BI---
4	0.7~0.4M	BI--BI--BI--
5	<0.4M	BIBIBIBIBIBI--

OPERATING

Due to the obstacles position, angle or size, the reflected signal may not reach the receiving sensor, Complex reflections may also occur in a complex enviranment causing an accurate detection.







Parking Sensor is strictly meant as a drivers aid when parking or backing up your vehicle.

Not all objects will be detected by your sensors, therefore you must exercise caution and common sense when reversing your vehicle.

TECHNICAL DATA

(1)Detection distance: to 1.5 meters
(2)Detection accurate:<±5cm
(3)The best range: <0.9 meters
(4)Operating frequency: 40KHz
(5)Voltage range: 12~24v

(6)Current Consumption:

STATE \ MODE	DISPLAY	NO DISPLAY
Stand—by	40mA	20mA
Operating	180mA	30mA

(7)Operating temperature: −30~+85 C
(8)Piezo−speaker: 80~100dB(at 30 cm distance)

TROUBLE-SHOOTING GUIDE

PROBLEM	REASON	SOLUTION
Hearing one time of Bi Bi from system while system start-up	One or two sensor fault	Keep system in working, fouching each sensor by hand, find the one which no vibration and replacing it, then re-start-up system
Wearing one time of Bi Bi-from system while system is working	One or two sensor fault	Keep system in working, fouching each sensor by hand, find the one which no vibration and replacing it, then re-start-up system
System does not work when reverse	Bad connections of main power lead Bad plug connection	Check power lead Reconnect all plugs
Audio alarm/same distance At all times	Sensor detects the ground	Reset the system Adjust angle of sensor installation
No audio alarm when obstacle is detected	Bad sensor connection	Reset the system Reconnect sensors
False alarm	Sensor detects the ground System sensitivity is too high	Adjust angle of sensor installation Ask your dealer /professional installer to adjust sensitivity