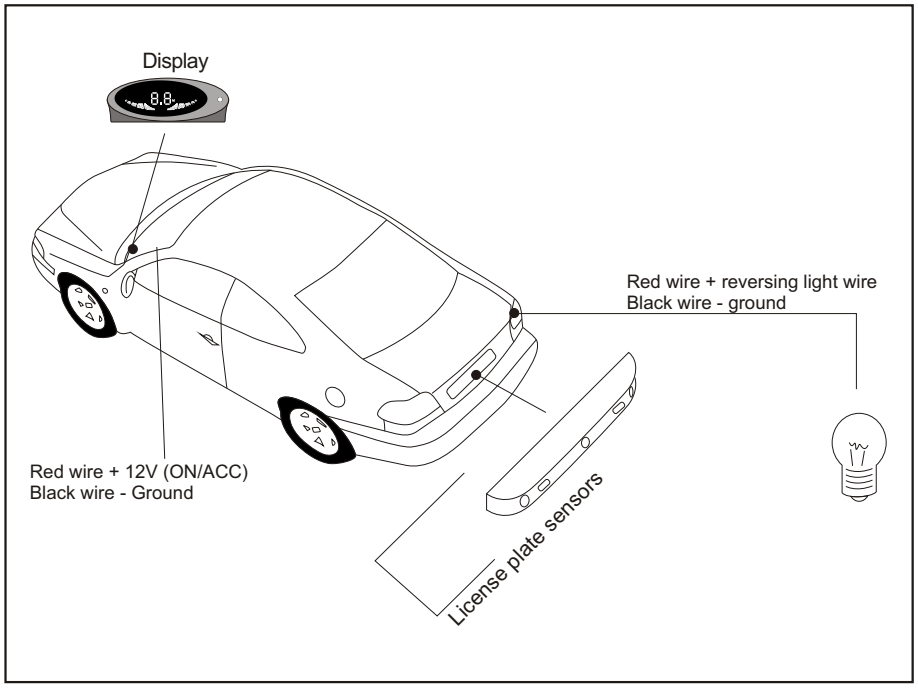
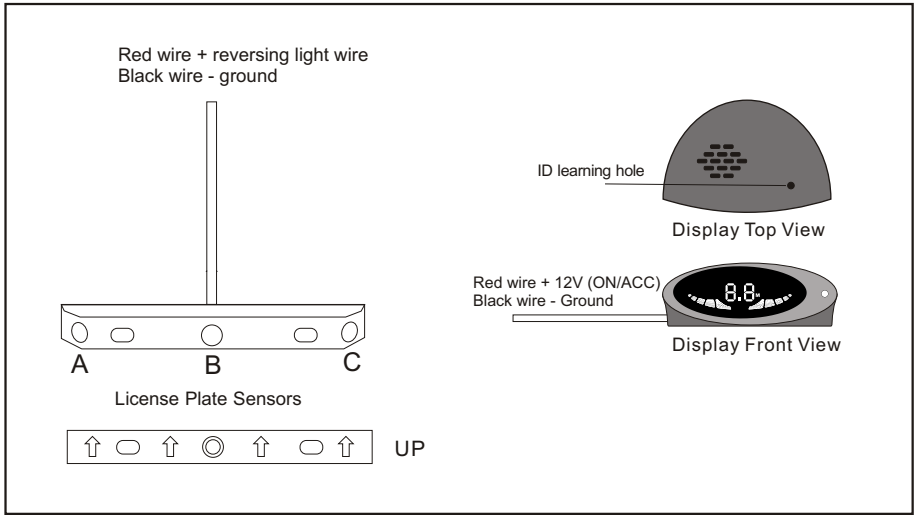
WIRELESS PARKING SENSOR
US NUMBER PLATE DESIGN

USER'S MANUAL

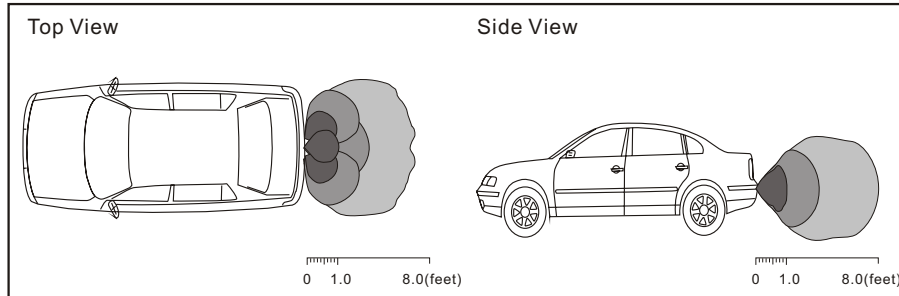
ISO 9001:2000 FM 78496
QS 9000:March 1998 FM 78495

GENERAL INSTALLATION DIAGRAM

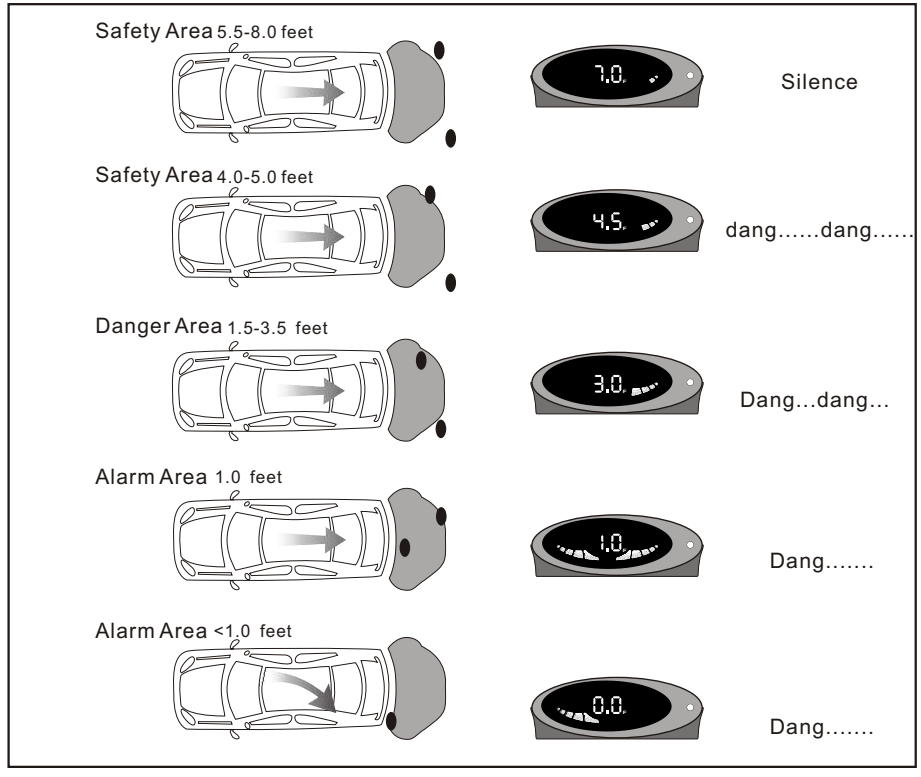




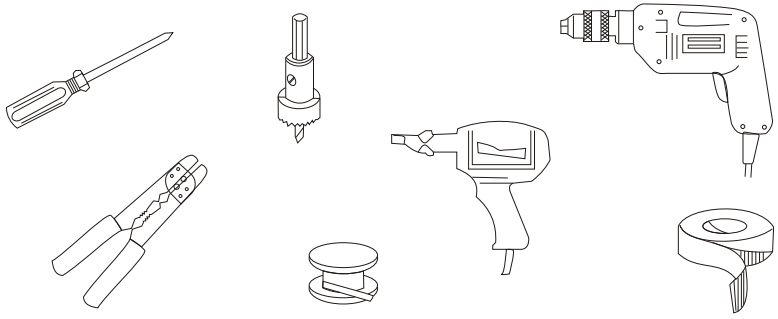
DECTECTING RANGE



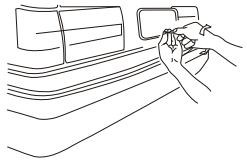
DISPLAY STATUS



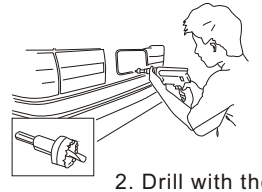
INSTALLATION TOOLS



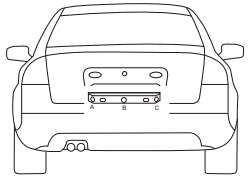
INSTALLATION



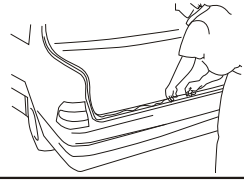
1. Firstly, disassemble the license plate.



2. Drill with the original driller, according to the location of the license plate sensor.

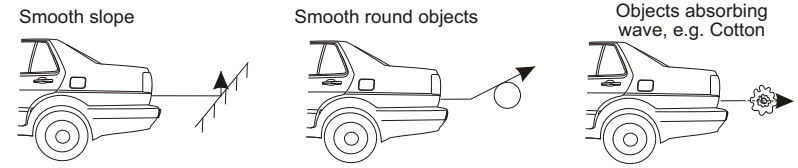


3. Insert the cable of the license plate sensor into the hole, and then tighten the screws.



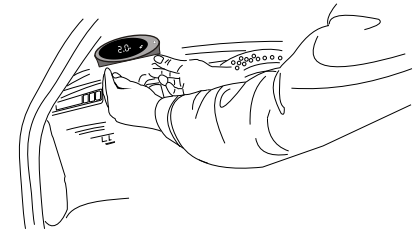
4. Hide the wires in good order according to various cars.

SENSOR INSTALLATION DIAGRAM



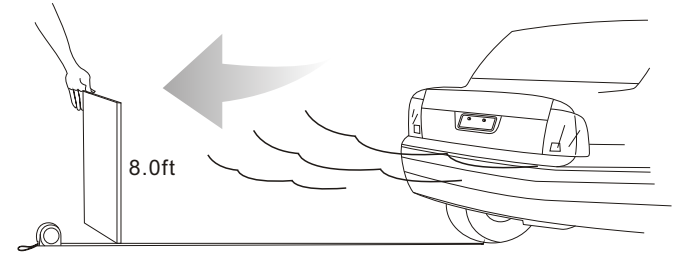
Objects hard to be detected

DISPLAY INSTALLATION



The display should be installed where easily seen.

SENSOR DETECTING



WIRELESS PARKING SENSOR FOR US NUMBER PLATE DESIGN

This system consists of digital control box of MCU, ultrasonic sensors and display. This system detects the distance between the car and the back obstruction by the ultrasonic sensors installed at the rear bumper. Distance signal is sent via wireless transmitter. The distance and direction of obstruction will be displayed via the digital display and imitation progress bar display with step-up sounds, the change of alarm sounds, progress bar and figures, the driver could judge the distance to avoid accident

MAIN FUNCTIONS

- LCD display distance
- Wireless transmission of detected distance
- Imitation progress bar display
- ID code learning
- "DangDang" alarm sound
- Easy installation
- Volume adjustable

TECHNICAL SPECIFICATIONS

- Rated voltage: DC 12V
- Working voltage: DC 9V-16V
- Rated working current: 20-150mA
- Detecting range: 1.0-8.0 feet
- Controller working temperature: -30 - +70 degree Celsius
- Display working temperature: -20 - +70 degree Celsius
- Size of display: 80.4 x 49.8 x 30.2mm

ALARM MODE

Distance	Stage	Alarm Sound	Digital Display	Indicator Light
>8.5 feet		Silence	·	Off
5.5~8.0 feet	1	Silence	5.5~8.0	Off
4.0~5.0 feet	2	Dang……Dang……	4.0~5.0	1 time/sec
2.5~3.5 feet	3	Dang…Dang…	2.5~3.5	2 times/sec
1.5~2.0 feet	4	Dang…Dang…	1.5~2.0	4 times/sec
1.0 feet	5	Dang……	1.0	On
0.0~0.5 feet	6	Dang……	0.0	On

Direction indicator of left , right, middle.

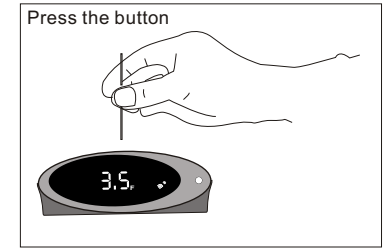
INSTALLATION STEPS

1. Choose the position for license plate sensors
2. Locate the position and drill
3. Install the license plate sensors and hide the wire
4. Install display
5. Connect the whole system according to the General Installation Diagram

ID LEARNING

Each license plate sensor has a unique ID to ensure the confidentiality and reliability of data transmission during communication with corresponding display. The display has the function of learning ID, in order that the user could replace the display or control box if necessary. Operation as follows:

1. Connect the license plate sensor according to the diagram, then select reverse gear to activate the license plate sensor.
2. Connect the display with power. Press the button on the display back. The display system will store the ID of the control box automatically. See picture A



Picture A

NOTE

1. The vehicle must be off during installation.
2. Its performance may be affected in following situations: heavy rain, gravel road, bumpy road sloping road and bush, very cold, hot or moist weather, or the sensor is covered by ice, snow or mud.
3. Test the system to make sure it works normally before using.
4. This system is a reversing aid and the manufacturer will take no responsibility for any accident after the kit is installed.