



2in1 REVERSE AID SYSTEM

Rear View Monitor With Camera and Parking Sensor Kit
3.0" Monitor & 4 Reverse Sensors

OWNER'S MANUAL

This POWER TRAIN RVC-400 two in one reversing assisting system is manufactured to the latest design parameters and highest quality levels.

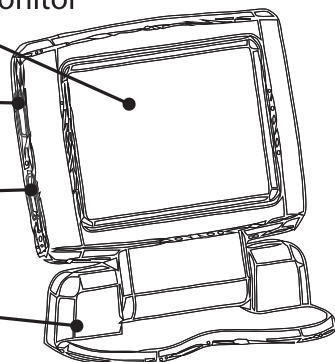
TFT Display

High Definition 3.0" monitor

Setting Button

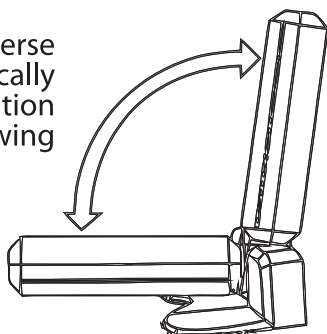
Adjustment Button

Fixing Base



Flip Up Display

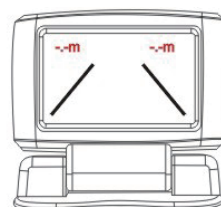
Upon selection of the reverse gear, the screen automatically moves from a flat off position to the 108 reverse viewing position



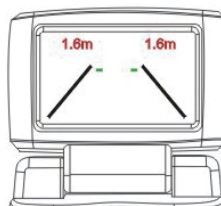
Features

- Audible & visible warnings
- TFT 3 inch colour high definition monitor
- Four ultrasonic sensors
- A rear view monitor and parking sensor combined together in a 2 in 1 design to help to prevent accidents whilst reversing
- Monitor will flip up while reversing
- During forward driving the monitor will flip down automatically

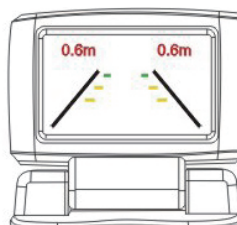
Reversing Display



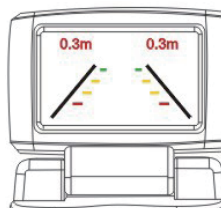
When the distance of an obstacle is more than 2.5M away, or there are not any obstacles behind the vehicle.



When the distance of an obstacle is between 2.5M and 1.6M, which is a safe area, the scale ruler changes to green.



When the distance of an obstacle is between 1.5M and 0.6M the scale ruler changes to yellow.



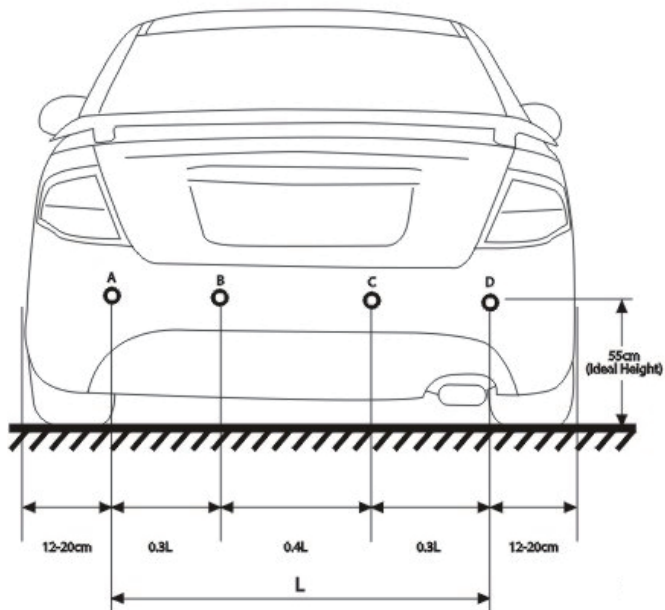
When the distance of an obstacle is between 0.5M and 0.3M the scale ruler changes to red.



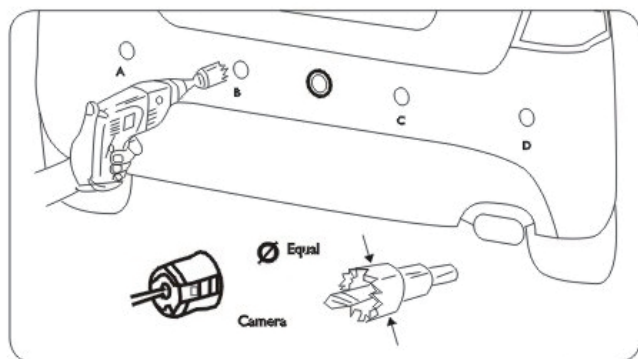
When the distance of obstacle is less than 0.3M (which is a dangerous area) the display shows "STOP"



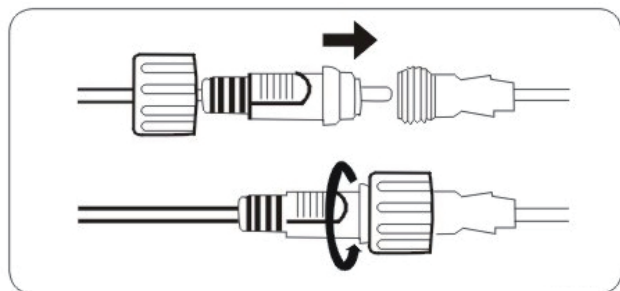
Sensors Installation



The recommended sensor mounting height is between 50-65 cm above the ground.
(Failing to mount the sensors at the recommended height can trigger false alarms.)

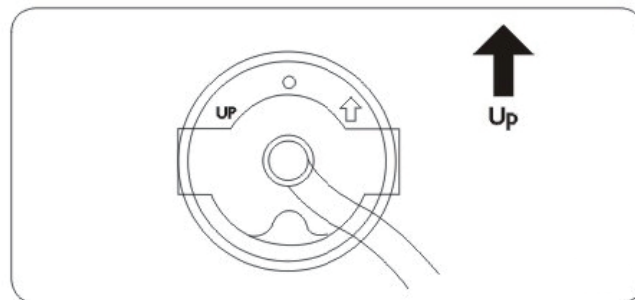


Please make sure the diameter of the holesaw is the same as the sensor before drilling.

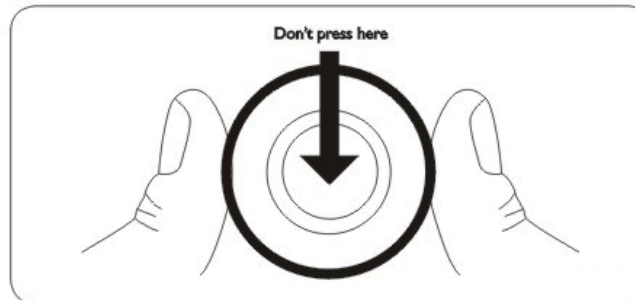


Plug in the waterproof connector and tighten the screw nut.

Reversing Display

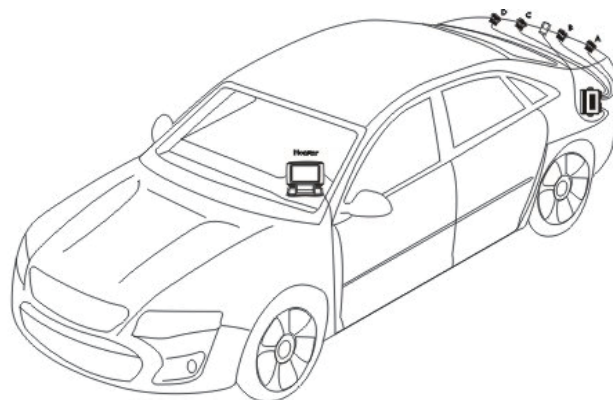


Please install the sensor with the arrow pointing up, as picture above.



When installing, press the clips as shown on the outside of sensor.

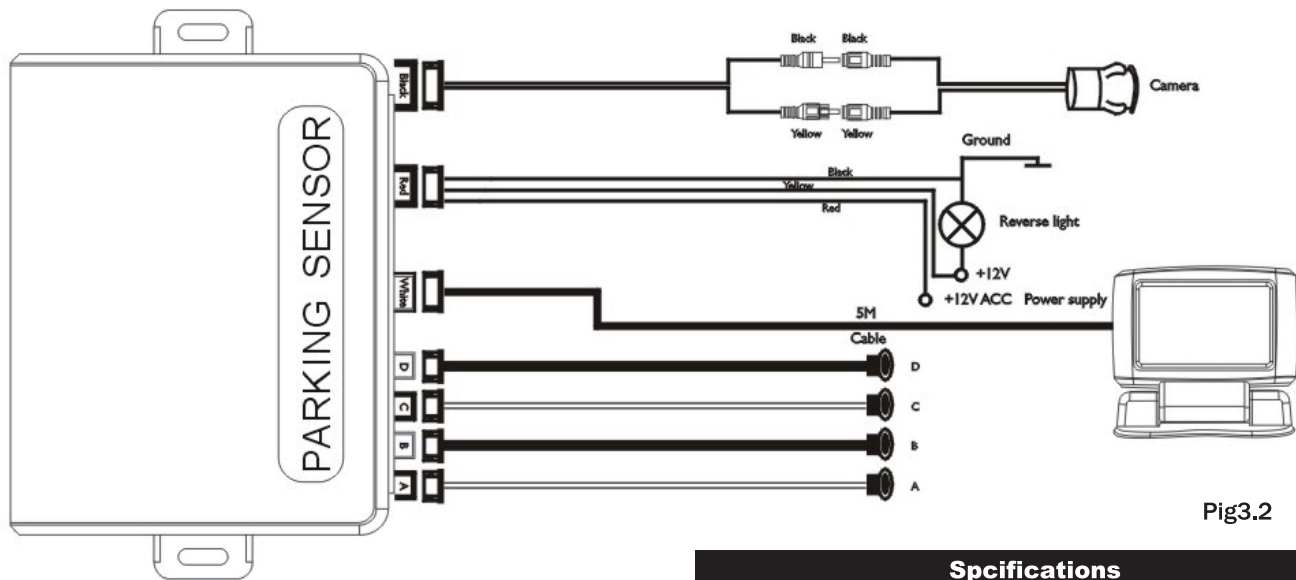
Wiring Diagram



NOTE:

- It is recommended to have this system installed by a qualified auto electrician.
- Ensure all wires are properly insulated & away from any excessive heat.
- Wiring connections should be soldered & insulated.





Pig3.2

Camera Installation

1. The diameter of the holesaw should be the same as the camera.
2. After the installation is complete, please turn ignition to ACC and shift into reverse, then check if the monitor is working properly.
3. Adjust the monitor until it shows a perfect image.

EK

Normal Image

ƎK

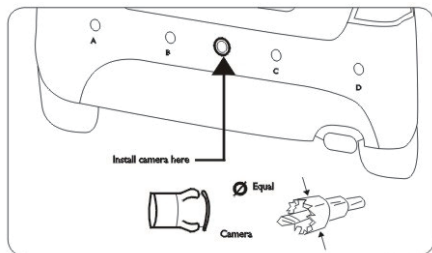
Reversed Image

EK

Flipped Image

ƎK

Reversed & Flipped Image



There are two different holesaw in the pack box.
Please ensure that the diameter of the holesaw is the same as the camera before drilling.

Specifications

1. Operating voltage: 10.8V - 15V
 2. Operating current: 260mA
 3. Max power: 4W
 4. Operating temperature: -30°C — +70°C
 5. Detecting distance: 2.5 - 0.3M
 6. Naitin siren: 75 - 80db
- ★ 12 Month Warranty

Troubleshooting

1. No display after installation.
 - A. Check if the power cable connection is correct.
 - B. Check if the ignition is in the on position, and in reverse. Check power to reversing light.
 - C. Check all wire connections.
2. Display flips up when not in reverse.
 - A. Check is the yellow wire is connected to battery posotove.
3. The position and displayed location of obstacles are inconsistent.
 - A. Check the connection of the sensor A.B.C.D the control unit respectively.(Refer to Fig 3.2)
4. The display shows 0.5M or 0.6M (With no obstacle behind the vehicle when entering reverse gear.)
 - A. Check if the sensor installation height meets requirement.
 - B. Ensure the sensors are not tilted downwards.

Attention

The sensor works by bouncing calibrated ultrasonic waves. Ultrasonic wave reflection depends on the material of the objects behind the vehicle. Some objects that are smooth, angled, round or narrow objects will not reflect the ultrasonic wave back. This means the sensor will not detect the object and the buzzer will not activate. Avoid cutting and extending the wires of the sensor/camera.

