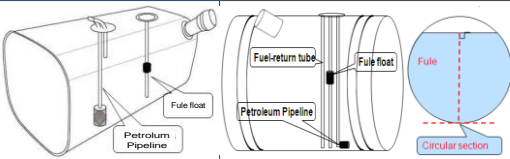


Preparation → A set of device, display for installment, sticky tape, couplant, ribbon, abrasive paper, insulating tape, portable power. Attention: The car should be added more than half of fuel before installation.

Estimate the height Validation level →
 1、 Fuel height: Check fuel meter or tap the tank to figure out the fuel height and write down(for example about 15cm)
 2、 Horizontal: Put horizontal bubble on the bottom of the tank .
 If it is between the two scale,it is horizontal.



Position for installation →
 1、 Installation position should keep distance from fuel input and output mouth, fuel-return tube, fuel float ball,baffle,etc. You had better install in on a flat and central position of the tank.
 2、 If it is a round tank, you should choose the side that closest to the ground.



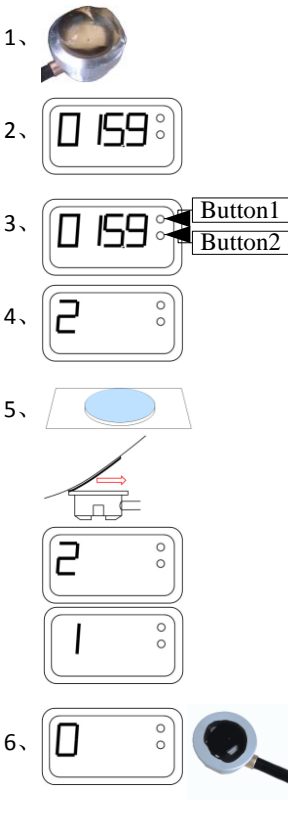
Adjustment →
 1、 Connect the device with display and probe. It appears 000.0 when it is power on.
 2、 Clean the place where you want to install the equipment.
 3、 Put some couplant on the surface of probe then press it on the bottom of tank.



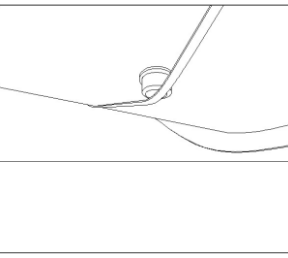
Consistent ? → Check whether the real fuel height is same as shown. If it cannot be tested or far from the real fuel height, you should change or adjust position to install.



Installation of probe →
 1、 If there are some paints on the surface of fuel tank or it is rough, you need to use abrasive paper to polish it and clean it and put some couplant on where you want to install the equipment.
 2、 Probe wire should be towards to the head of the car and put the probe on the position than has been polished. Then check whether the real fuel height is same as it is shown on screen. If it is not,please adjust the probe.
 3、 Long pressing both Button 1 and 2 and release. The screen shows different digit every 2 seconds after into strict installment mode. One is liquid height,and another is situation code. If the situation code is not keeping on 2 ,move the probe slowly and adjust.
 4、 When the situation code is on 2, take away the probe, then clean it and the tank to keep them dry.
 5、 Installation of the double-side sticky tape: First take away one side of the blue paper and stick it on the probe and make sure it is flat and there is no bubble inside. (heat the double-sided sticky tape to 30℃ when outside temperature is lower than 20℃) Second, take away another side the blue paper. Now stick the probe on the tank and make sure the situation code is 2 or 1. After several minutes, long pressing button 2 to quit,then the screen appears the liquid height again,which means it is installed successfully. In case the situation code is being on 0, move up the probe a little bit. If it is still on 0, please take away the probe and tape, then change another glue.
 6、 Installation of the glue. Drops about 3~4 drops of glue in the center of the probe surface,covering the center circle.It must be dropped without bubbles.(shake the bottle of glue before using it) to cover the circle of the probe.Then stick the probe on the bottom of the tank. If the situation code is not 2, please adjust the probe until it is 2. (It cannot be long.You should take away the probe before the glue is going to dry). When the situation code is 2 . Long pressing button2 3-5 minutes to quit,then the screen appears the liquid height again,which means it is installed successfully.



Arrangement →
 1、 Arrange the wire into the car. The wire should follow the frame of the car or original way of wire.Usually it should not effect the car's dumper or repair.
 2、 The extensive wire should keep distance of 20cm from the heater of the car. The wire should be fastened every 50cm. The wires should be arranged on the machine installed place.
 3、 After sticking the tape, use the long ribbon to fix the probe on the tand. And then use short ribbon to tie the probe wire to the long ribbon. Finally aviation joint which connects probe wire and extensive wire should be wrapped by insulating tape.



Installation of controlling box →
 1、 Fix the controlling box to the position near the GPS(no water).
 2、 Connect the red wire(+) and black wire(-) to the common power of GPS.
 Connet the data wire:
 A: analog voltage: the green wire connects to GPS analog voltage acquisition port while the black wire connects to GPS analog ground.
 B. RS232 communication: yellow wire(TX) connects to RX of GPS, blue wire(RX) connects to TX GPS, black wire (GND) connects to the ground GPS.
 C. RS485 communication: yellow wire (B) connects to B of GPS, blue wire (A) connects to A of GPS.
 3、 After the arrangement of wires, open the power ,then check fuel consumption data in the system.