

Oil Tank Anti-theft System

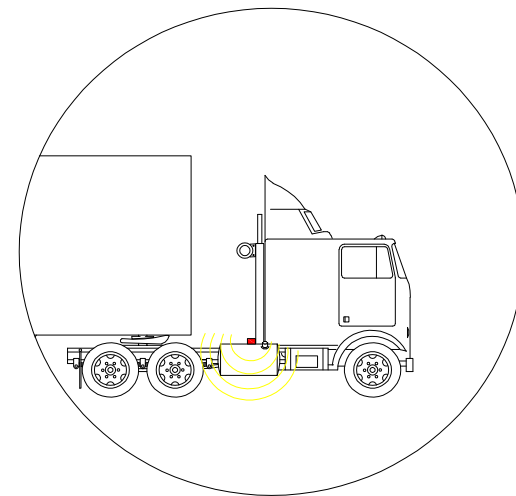
Owner's Guide

WARNING

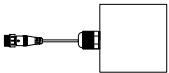
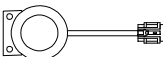
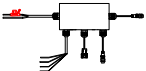
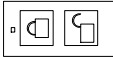
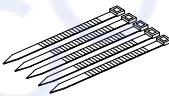
This system is used as an auxiliary equipment. Don't consider it as a secure equipment.

1. System overview

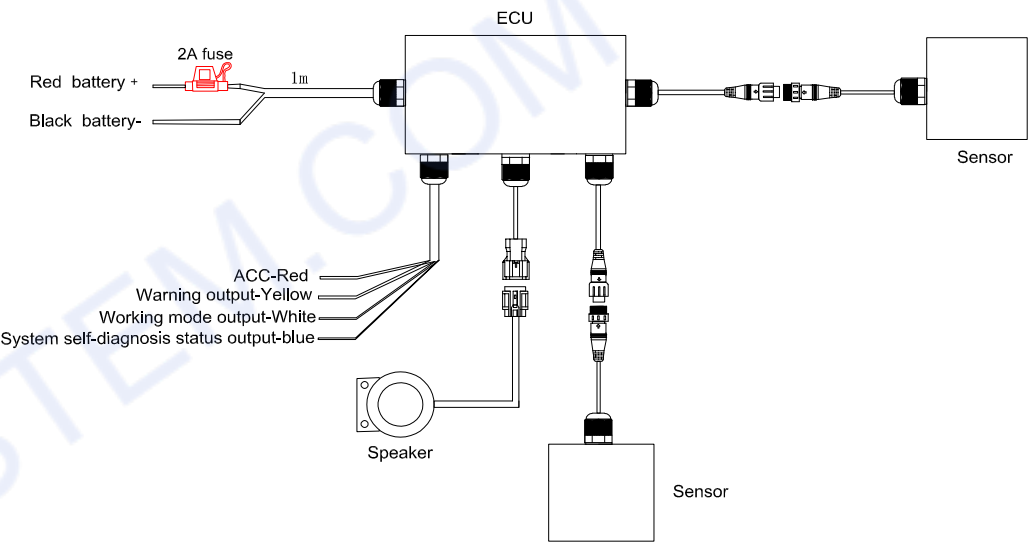
The oil tank anti-theft system is used to warn the potential oil theft action, it will help the drivers and fleet owners to obtain warning information.



2.Kit Contents

No.	Item	QTY.	Image
1	Sensor	2	
2	Speaker	1	
3	ECU	1	
4	Remote control	1	
5	Velcro	2	
6	Cable tie	10	
7	Screw	4	M4*16

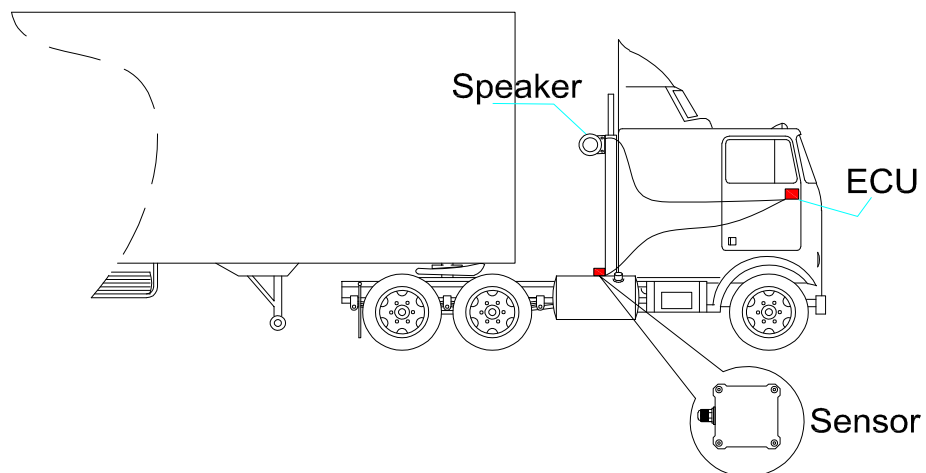
3. Harness Layout



Note:

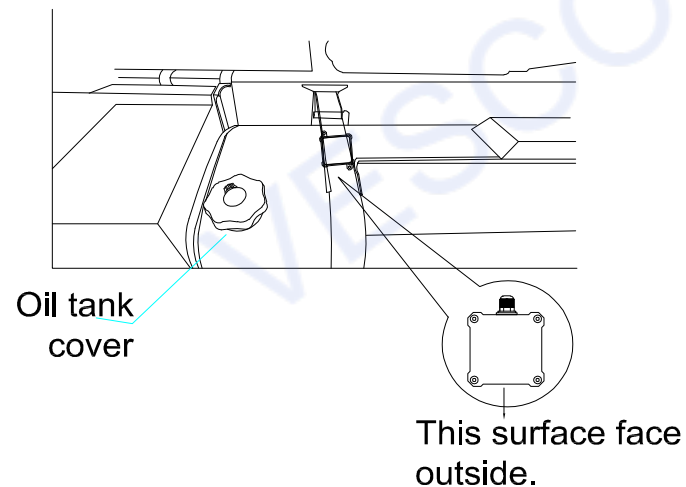
- 1.If the output cable won't be used, please wrap the cable to avoid short circuit;
- 2.The yellow warning output cable voltage:11.3V, Max. current 350mA.

4. System Layout



5. Installation

5.1 Sensor installation detection:



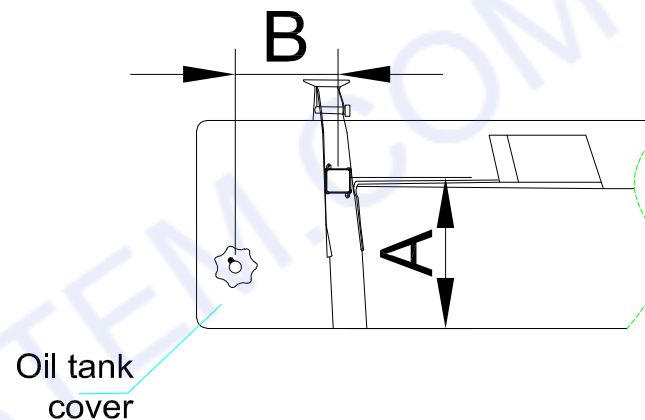
5.2 Sensor horizontal installation position:

Recommended range for sensor installation at position

A: 0.3 m–0.6 m;

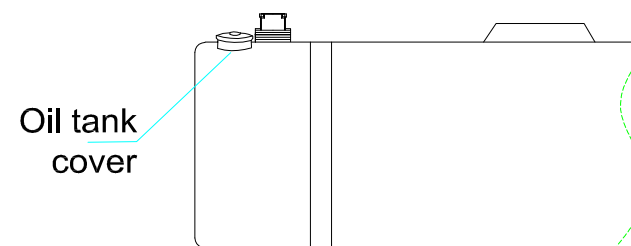
Recommended range for sensor installation at position

B: 0.2 m–0.5 m.



5.3 Sensor vertical installation position:

Recommended height: higher than the oil tank cover.



6. Function description

6.1 System self-diagnosis function

- 1). If the sensor communication is abnormal, and communication fails, or other abnormalities occur, the speaker will continue to beep for 1 minute and stop beeping after 1 minute; the system self-diagnosis output cable outputs 12V;
- 2). If the sensor self-diagnosis pass, the speaker won't provide beep, and the system self-diagnosis output cable outputs 0V;

6.2 System working status

- 1). When the ACC is detected to be powered off for more than 30s, the system enters the working mode and starts the sensor detection function;
- 2) After the system enters the working mode, the working mode output cable outputs 12V;
- 3) The system does not enter the working mode, and the working mode output cable outputs 0V;

6.3 System pre-alert function

- 1). When one of the sensor detects a moving target, and the vibration sensor detects vibration, the speaker will continue to provide beep for 1 minute and stop after 1 minute; the alarm output cable outputs 12V;
- 2) When neither of the sensor detects a target, the horn will not provide beep, and the alarm output cable outputs 0V;

6.4 System sensitivity setup

- 1). Setup the sensitivity of the sensor through the wireless remote control. The button  is the sensitivity setup button. Short press the button to adjust a sensitivity level, there are total 3 levels, the sensitivity level cycles. When adjust the sensitivity, the speaker will beep. One beep Bi wireless

6.5 Disarm alarm

- 1)  button is the alarm release button. Press it once to disarm the alarm. When the system re-enters the working mode, it will automatically restore the early warning function.