



Instruction Manual

Advanced Blind Spot Sensor System

RVS-128



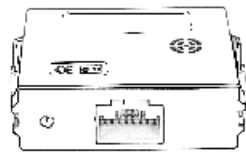

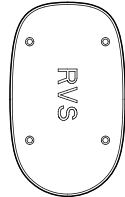

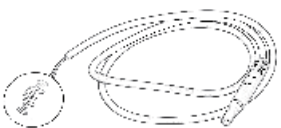

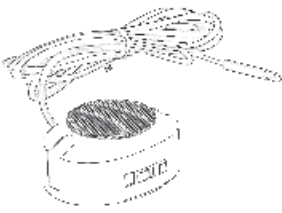

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Item List

			
Main Unit 1PCS	Main Harness 1PCS	Radar Sensor 2PCS	Sensor Extension Cable 2PCS
			
LED Indicator 2PCS	GPS Antenna 1PCS	Buzzer 1PCS	LED Extension Cable 3PCS

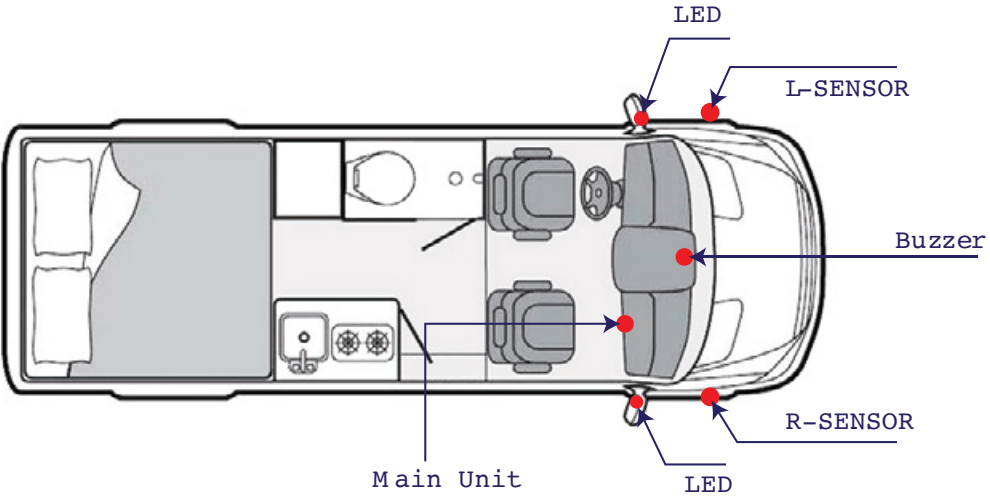

3M Velcro 4PCS

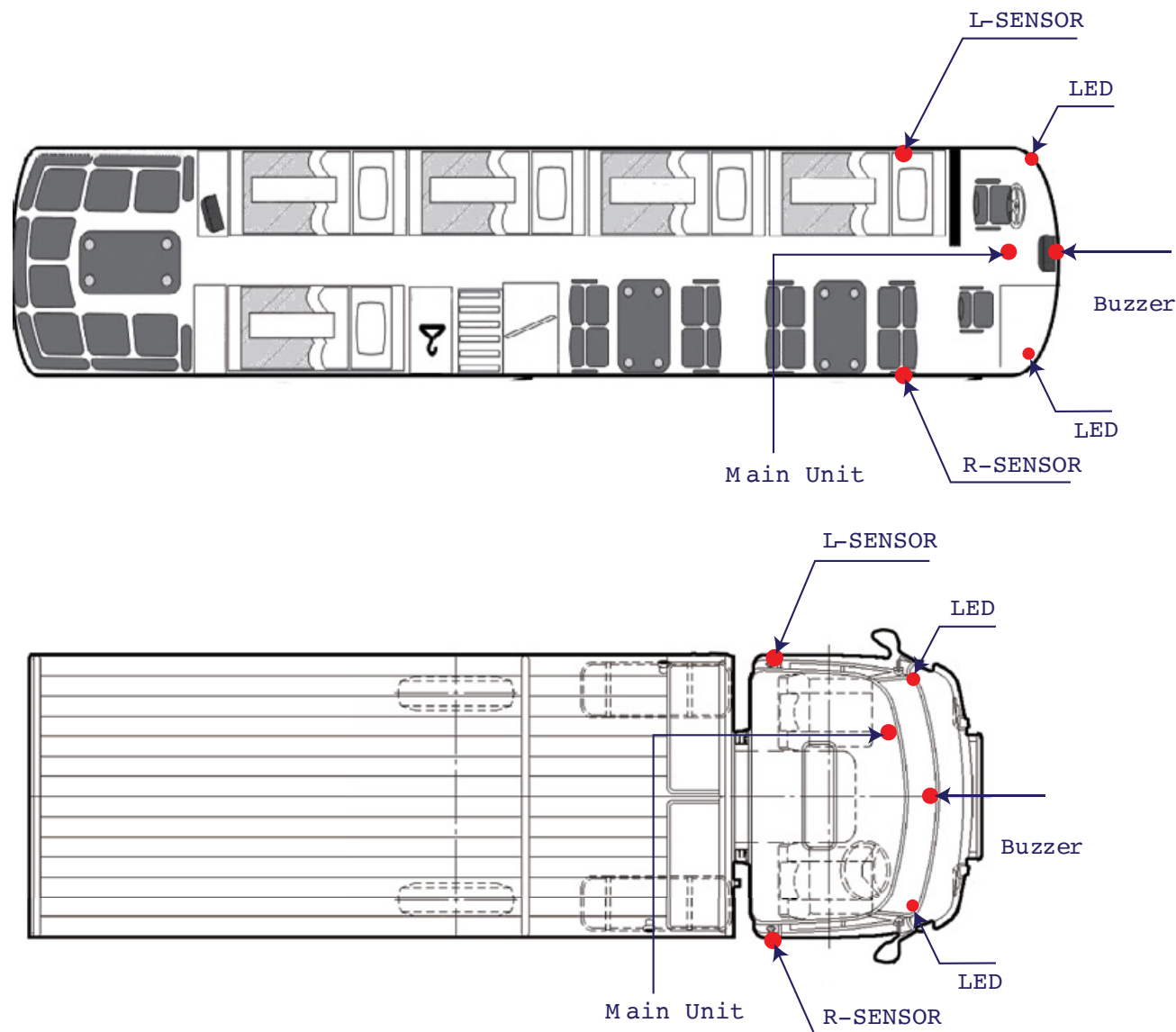
Tools for installation: insulation tape, multi-meter, screwdriver, cleaning cloth, tape.

Technical Specification

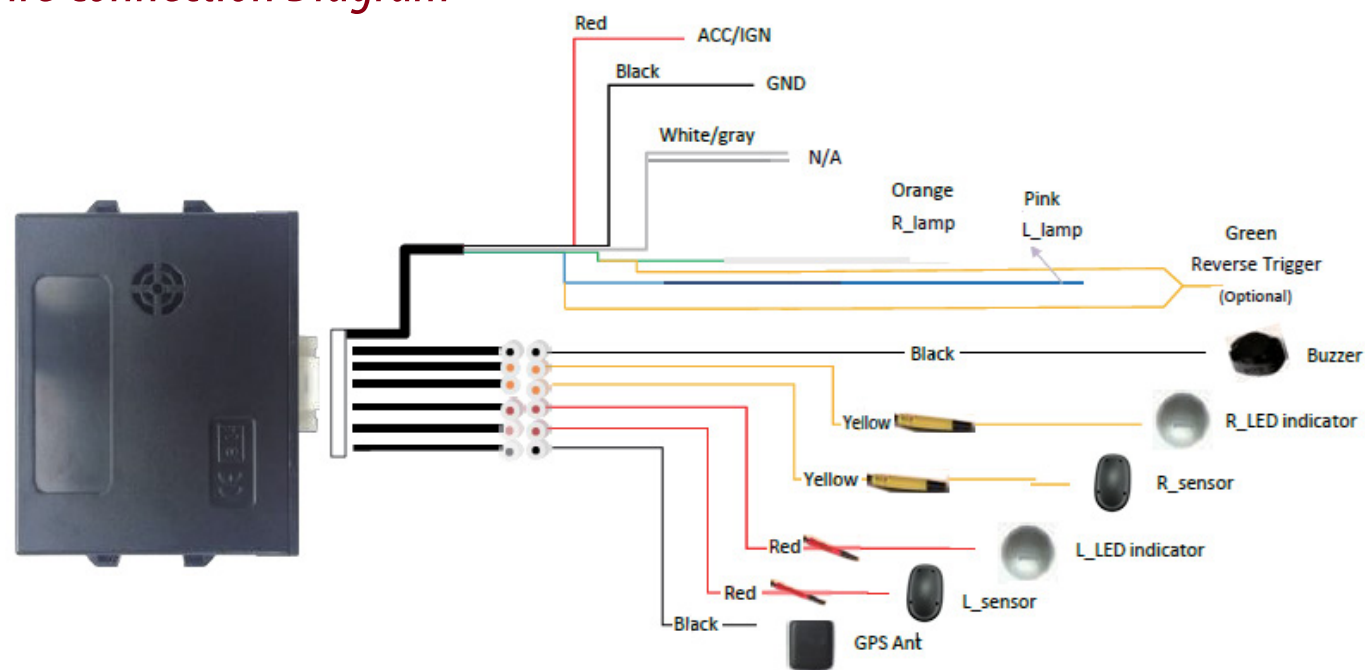
Operating frequency	24.0 ----24.25GHZ
Transmit power	15dbm
Detection range	40 degree (Horizontal)
Detection ability	5 targets can be detected at the same time
Speed range	0.35mph---137mph
Speed accuracy	< 0.35mph
Direction of movement	Approached or overtaken by vehicles
Speed Restriction	1.The GPS Antenna when connected activates notifications over 20mph (Example LED + Speaker) 2.If No GPS signal is detected or satellites not found, the system will give notifications at any speed.
Detection range	Truck : 1ft-82ft Car: 1ft-50ft Motorcycle:1ft-33ft Pedestrian:1ft-23ft
Operating voltage	9---35V
cables waterproof	Radars: IP 67 / Cables: waterproof
Working current	< 200mA
Working temperature	-40℃ ~ + 85℃

Wiring Diagram





Wire Connection Diagram

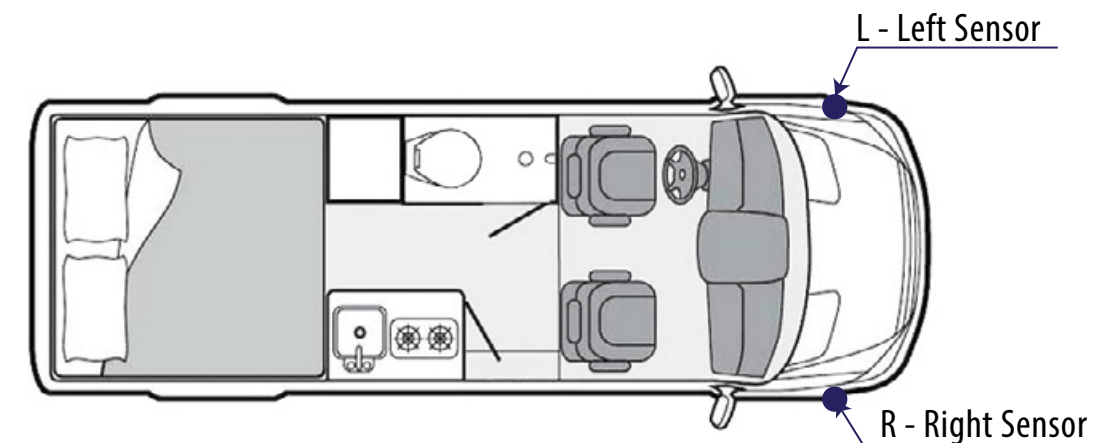
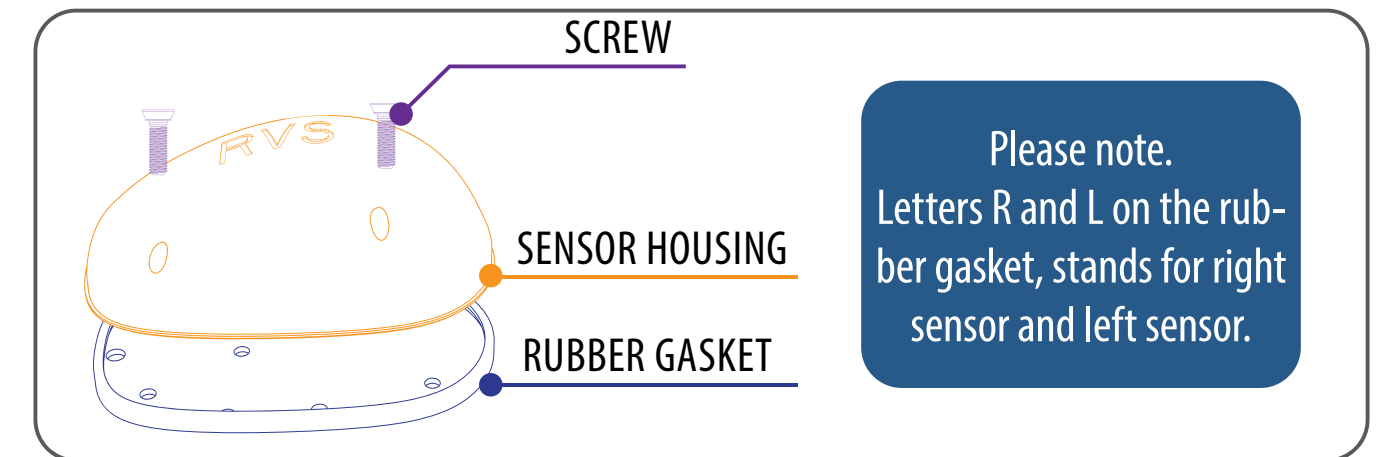


Rear View Safety

Installation Guide

Step 1. Sensor Installation

Installation requirements: sensors should be mounted to the front corner of the vehicle, Using screws to fix the sensor on the front of the vehicle.

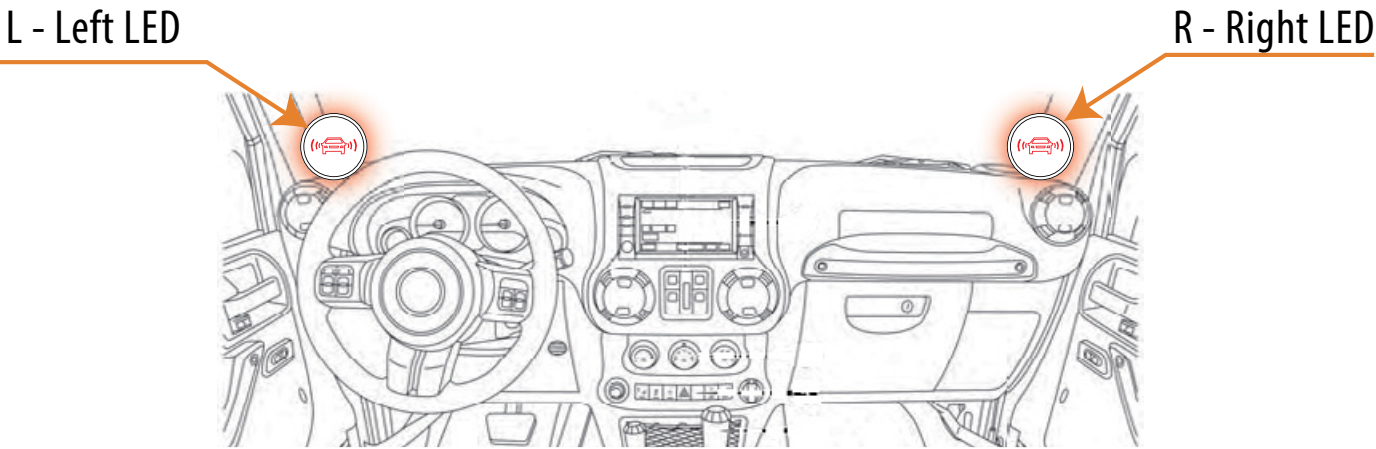


Step 2. Installation of the left/right turn signal

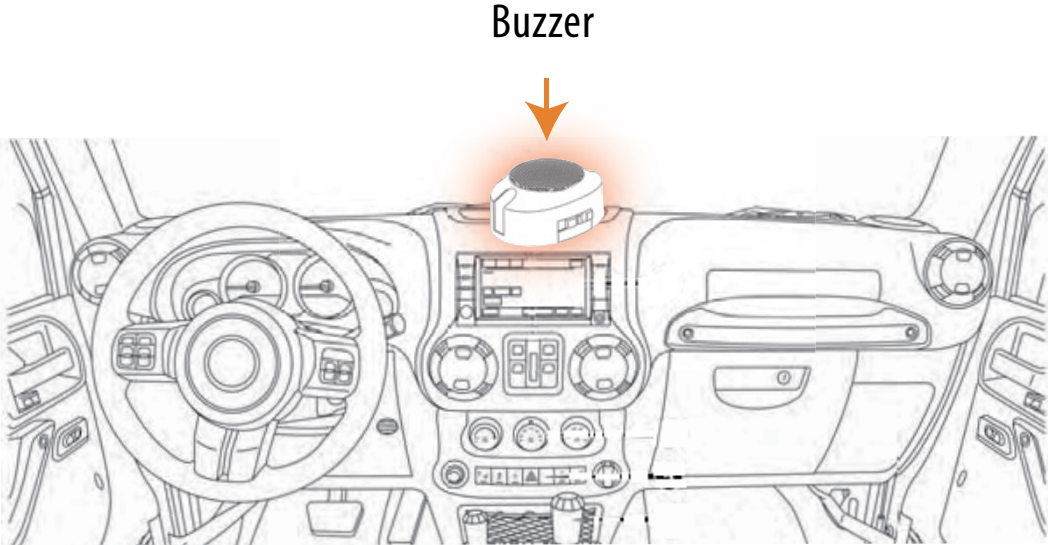
Using the voltage Multi-meter, locate the left and right turn signal trigger wires behind the tail lamp. Once verified, connect the left and right signal wires of the RVS-128 wire harness to the correct signal wires.



Step 3. LED Indicator Installation
Place the LED indicators where it is visible for the driver. Ideally on the A-pillar or in field view side mirrors.



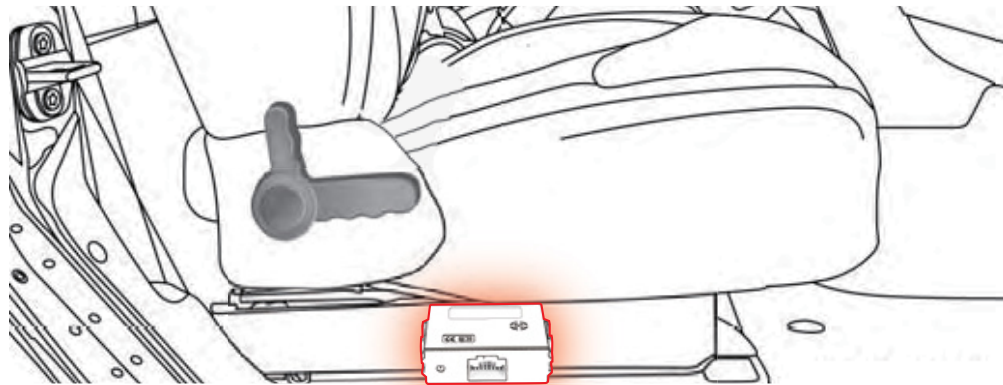
Step 4. Buzzer Location
While installing the speaker, make sure it is not obstructed by any panels inside the vehicle.



Step 5. Tuck the wires neatly to hide and prevent wire pinch.

NOTE!
Illumination of the LED indicator on the control box:
1.The LED comes on solid when the system is first powered up;
2.The LED blinks slowly while the GPS module is connected to the satellite;
3.The LED blinks quickly while sensing moving objects approaching in the blind spot (same frequency as to the alarm LED indicators & the buzzer);
4.The LED maintains the last blinking status after the alerts have ended (the last blinking status of alarming is off / on randomly)

Step 6. Man Box Location
While installing the main box, use tape to mount it on the cab



Alert Conditions
1. When the vehicle is on, the system would start detecting objects in the blind spot area in the lane next to and behind the vehicle, up to 82 feet.
2. When vehicles are approaching and their speed is faster than our own speed.



Alert Characteristics

- A. Blind detection on right side:
- 1. R-LED indicator will be activated when there is an object approaching to the right side blind area of your vehicle (see Fig.16).
 - 2. If the right turn signal of your vehicle is triggered at the same time, the R-LED indicator will be blinking and the buzzer will be beeping as well (with the same frequency).
- B. Blind detection on left side:
- 1. L-LED indicator will be activated when there is an object approaching to the left side blind area of your vehicle (see Fig.16).
 - 2. If the left turn signal of your vehicle is triggered at the same time, the L-LED indicator will be blinking and the buzzer will be beeping as well (with the same frequency).
- C. The LED and buzzer will standby (no activity) if there is no object approaching to the blind area of your vehicle.
- D. During reversing, the R & L LED will be blinking according to the approaching object detection of each side.

Troubleshooting

Issue	Reason	Solution
LED light does not work	Incorrect connection or pins not making contact	Check the harness and make sure connection is correct
	LED light is broken	Replace LED light
Opposite LED indicator	Microwave sensor or LED indicators are plugged in to the opposite connector	Make sure RED is driver side and YELLOW is passenger side.
Buzzer does not work	Wrong connection or pins not making contact	Check the harness and make sure connection is correct
	Defective buzzer speaker	Replace buzzer
Sensors or GPS does not work	Sensors or GPS module are covered by the metal bumper or other metal	Find the best location where the GPS antenna cannot be blocked by any metal
Unit does not work after GPS is connected	Sensors or GPS module are covered by the metal bumper or other metal	Blind spot system does not trigger the sensors if the speed is less than 20mph

If you have questions about this product, contact:



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Rear View Safety
1797 Atlantic Avenue
Brooklyn, NY 11233
Tel: 1.800.764.1028

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Before drilling please check that no cable or wiring is on the other side of the wall. Please clamp all wires securely to reduce the possibility of them being damaged while vehicle is in use. Keep all cables away from hot/moving parts and electrical noisy components.

We recommend doing a benchmark test before installation to ensure that all components are working properly.

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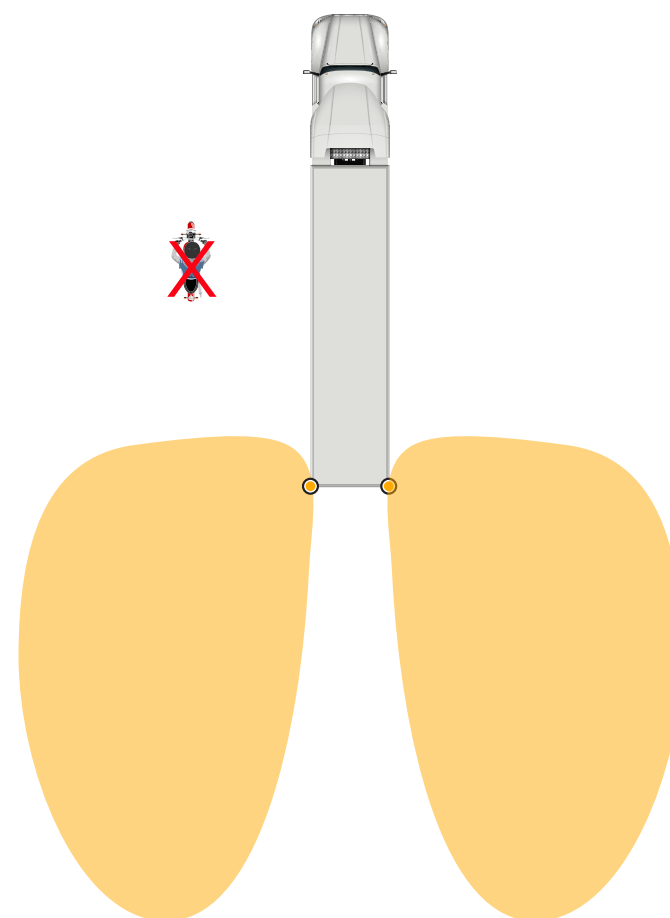
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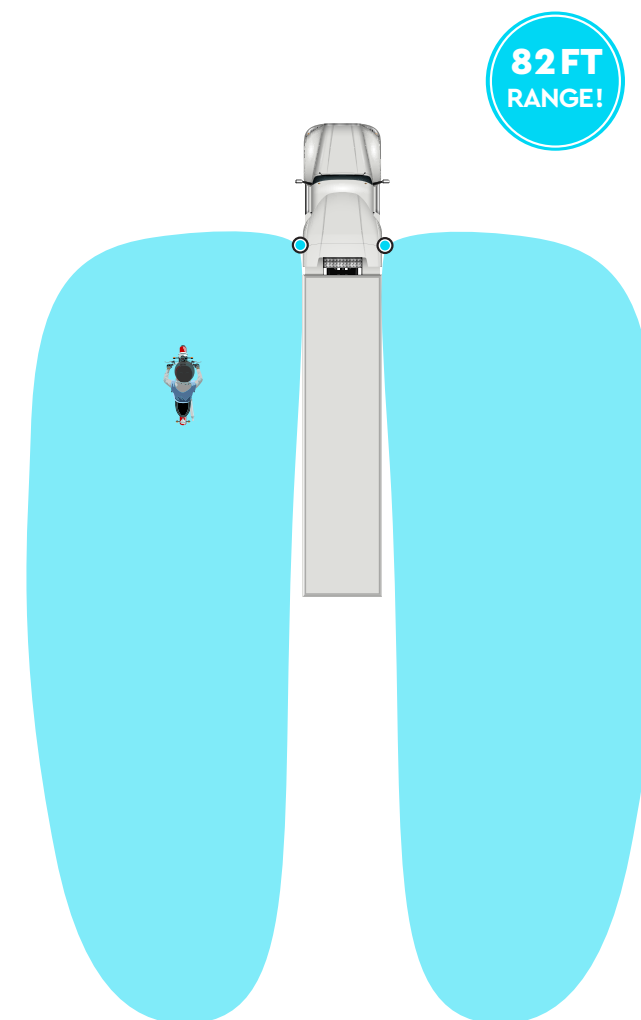
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THE RVS DIFFERENCE

COMPETITION
Sensors mounted
in rear corners



THE RVS DIFFERENCE
Our sensors mounted in the
front of the vehicle





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If you have any questions
about this product, contact:

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