Microwave Blind Spot Sensor System Function

Blind spots exist around every vehicle. The RVS-BES02-MV gives the driver visual and aural alerts when an object enters the blind spots to the side and behind their vehicle.

An LED flashing alert and aural buzzer warning will occur when the turn signal is on and there is a vehicle in the blind spot. The warning will continue until the detected vehicle leaves the blind spot area. The OBD plugin model will only operate at speeds above 4 MPH.

Specifications:
- Working Voltage: 12V
- Operation Current: 200mA
- Power Consumption: 2.4W
- Working Temperature: -40°C ~+85°C
- Sensor Detecting Range: 15m
- Sensor Detecting Angle: 72°

NOTICE:
* The Microwave Blind Spot System is intended as a driving aid. In addition to using the device, visual confirmation from the driver is necessary to safely change lanes. The system may not function properly in severe weather. Turning on the emergency blinker will turn the system off.

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Not all vehicle models are compatible with the OBD Plugin model. Please check availability with retailer.

Wireframe Diagram:

OBD Plug Wiring

- Side mirror OR A-Pillar LED Alert
- Connect to the OBD port
- Buzzer
- 3M Left
- 3M Right
- ACC (Red)
- Turning light L (Brown)
- Turning light R (Purple)
- CANH (Blue)
- CANL (Green)
- Extra OBD plug

NOTICE:
* Side mirror add-on and OBD model are only compatible with specific vehicle models. Please check availability with retailer.

* Only one type of display alert (LED or side mirror) are included in each model of kit.
### Wiring diagram for LEFT hand drive vehicle

#### LED alert
- Connect to the buzzer.

#### ACC (Red)
- Connect to the ACC.

#### Turning light L (Brown)
- Connect to the left turning light.

#### Turning light R (Purple)
- Connect to the right turning light.

#### Control module
- Connect to the control module.

#### Microwave sensor
- Connect to the microwave sensor.

#### Microphone
- Connect to the microphone.

### Microwave Sensor Installation
1. Take the rear bumper off and locate a spot in the corner of the INNER SIDE OF THE REAR BUMPER (close to the rear) to attach the microwave sensor. The installation should be at least 45 cm from the ground.
2. Use adhesive to fasten the sensor spacer to the rear bumper. Avoid dripping the adhesive on the sensors.

### Microwave Sensor Detection Area
- Proper sensor detection area covers both traveling and adjacent lanes.

### A-pillar LED Alert Installation
- Place the LED alert terminal and wire through the hole and connect the alert cable. Snap the LED alert onto the A-pillar trim cover.

### Mirror Installation
1. Take the side mirror off, remove the original mirror and disassemble the housing.
2. Thread the mirror cable through the holder cut back to the vehicle.
3. Replace the original mirror with the mirror and remount the housing. Install the exterior mirror back to the car front door. Using the included adapter cable connect the mirror to the main wire harness.

### Finish Installation
- Install the control module behind the lower dashboard panel.

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### Notice
- * Turning light wire L/R installation in LEFT hand drive vehicle is opposite to that in a RIGHT hand drive vehicle.
- * Sensors cannot be installed with the metal bumper. Make sure no metals or wires cover the front area of microwave sensors.
- * Disassembling sensors will cause damage and void the warranty.
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### Adapter cable only included in side mirror kit.