1. System overview

The Blind Spot Monitoring System (BSM) is designed to aid in monitor vehicles that may have entered the blind spot area, which is represented by the vehicles in positions 1 & 2 of the diagram below, and alerts the driver if a vehicle has entered or is present in the blind spot area.



WARNING

To help prevent injuries, never use the Blind Spot Monitoring System as a replacement for checking the interior and exterior mirrors and looking over your shoulder before changing lanes. The Blind Spot Monitoring System is not a replacement for careful driving.

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2. System Activation

The Blind Spot Monitoring System (BSM) has a 2 step activation process. If conditions 1 & 2 below are met the system will notify the driver when a vehicle has entered the BSM monitoring area.

- 1. The vehicle's Ignition must be in the ON position
- 2. The vehicle must be travelling at speeds above 20m/h.

3. Types of Monitoring

The Blind Spot Monitoring System (BSM) has 2 types of monitoring; BSM and Overtaking; To prevent injuries and accidents, please read and understand each type of monitoring.

BSM

This type of monitoring will notify the driver if a vehicle approaching from the rear, is in the BSM monitoring area. If a vehicle has entered the BSM monitoring area with potentially dangerous the LED indicator will illuminate solid to notify the driver that a vehicle is present.



This type of monitoring will notify the driver if a vehicle is in the BSM monitoring area while passing another vehicle. When the target vehicle enters the BSM monitoring area, the LED indicator will illuminate solid to notify the driver that a vehicle is present.



4. Kit Contents

No.	Item	QTY.	Image
1	BSM Sensor	1	
2	Left Indicator	1	
3	Right Indicator	1	
4	Main Harness	1	
5	Indicator bracket	2	Ĺ
6	Sensor bracket A	1	2
7	Sensor bracket B	1	C3
8	Accessories bag	1	Spirit level1pcs Dual Lock2pcs Cable Tie8pcs Screw T4x154pcs Screw ST2.9x84pcs
9	Manual	1	



Left indicator

6. Harness Layout



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7. Installation 7.1 Harness layout

Layout harness along with the vehicle and fix cable with a cable tie

7.2 LED installation

tie:



7.3 BSM sensor installation 7.3.1 Instillation



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Horizontal angle installation requirements
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Vertical installation angle and installation height requirements



7.3.2 This product support installation with both bracket A and bracket B to adapt to different vehicles.

a. Bracket A is suitable for installing the BSM sensor on the taillight, rear shell or rear fender;



b.Bracket B is suitable for installing the BSM module under the rear luggage rack or rear box.

7.3.3 Connect BSM sensor to the main cable and fixed with a cable tie



7.4 System wiring

- 7.4.1 The system power cable (red) connects to the body ACC / IGN when the key is in the ON position, the system works; when the car key is in the OFF position, the system powered off.
- 7.4.2 Ground wire (black) connects to the vehicle body power ground wire.
- 7.4.3 Check the wiring, make sure all the connectors are connected well, and wrap the broken harness with insulating tape.





8. Testing

After reassembling the vehicle the system should be tested on the road in surface street conditions. This system is capable of monitor a vehicle travelling in both directions, Passing and Overtaking.

8.1 Right side testing

Vehicle Passing

Drive the vehicle above 20 km/h. When a vehicle approaches from behind on the right side of your vehicle, the Right LED indicator should illuminate.

Vehicle Overtaking Drive the vehicle above 20 km/h. When your vehicle approaches and overtakes another vehicle on the right side, the Right LED should illuminate

8.1 Left side testing

Vehicle Passing Drive the vehicle above 20 km/h. When a vehicle approaches from behind on the left side of your vehicle, the Left LED indicator should illuminate.

Vehicle Overtaking Drive the vehicle above 20 km/h. When your vehicle approaches and overtakes another vehicle on the left side, the Left LED should illuminate.

9.System Precautions

The system may not correctly operate when any of the following occur

- 1. Target vehicles travelling too fast or too slow;
- 2. Target vehicle stays in the Monitoring area for a long time
- 3. Vehicle battery voltage is too low
- Road conditions and weather conditions may also affect performance, drivers should drive carefully according to the actual situation
- In addition to the above, other abnormal driving conditions may cause the system to fail to operate correctly







PRODUCT WARRANTY