PYLE PLBLSP40 Ultrasonic Blind Spot Detection System User Guide

Contents

PLBLSP40

Ultrasonic Blind Spot Detection System

BSD Change Lane Safer, BSA BSM Blind Spot Monitoring Assistant Car Driving Security with Reverse Parking System

USER GUIDE

Please read this manual for proper operation and keep it for future reference.

Ultrasonic Blind Spot Detection System is designed for safety driving warning assistant only. It is the driver's responsibility to always drive safely.

Step 1: Installation

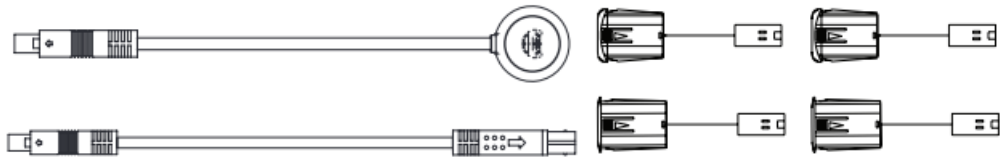
1. Tools

The diameter of drill bit depends on the sensors

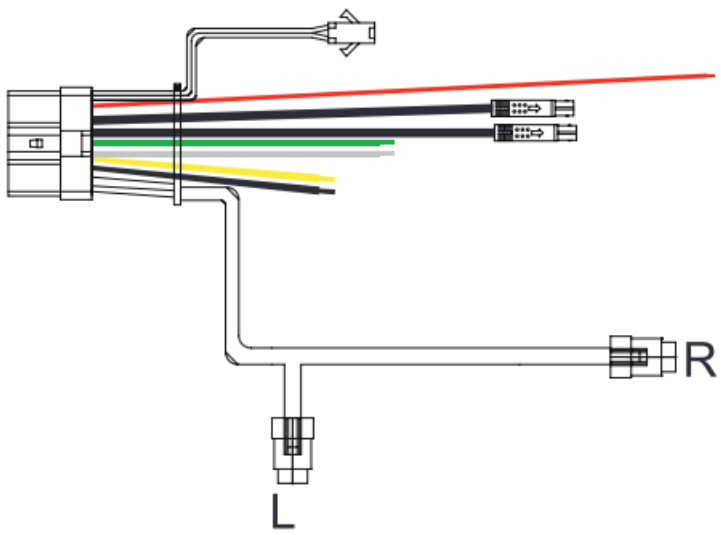
1. ø 22mm

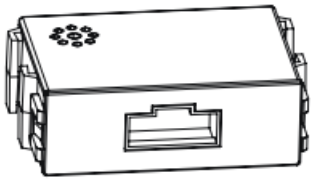
Electric drill

2. What's in the Box:



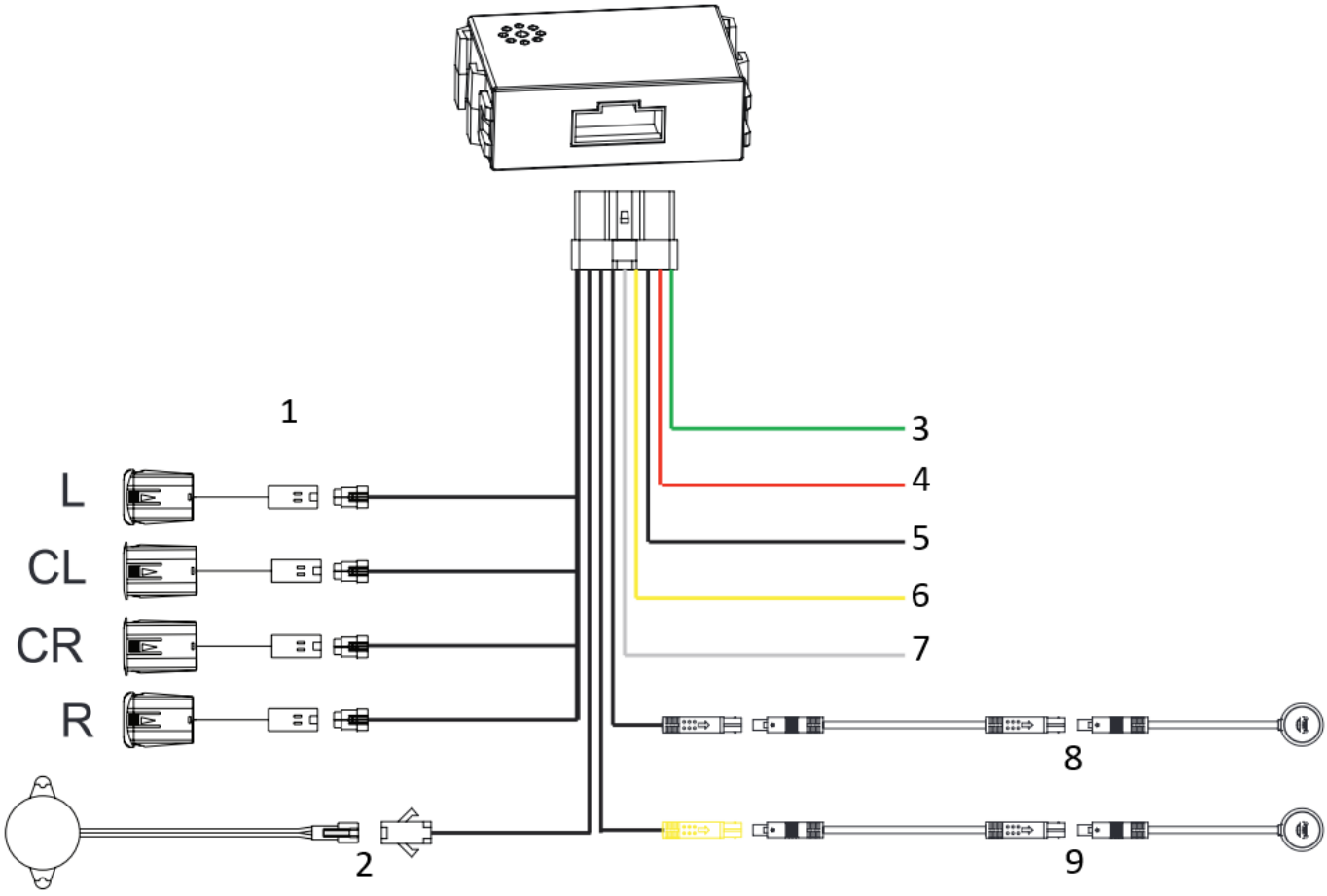
LED extension cable





Nylon cable tie

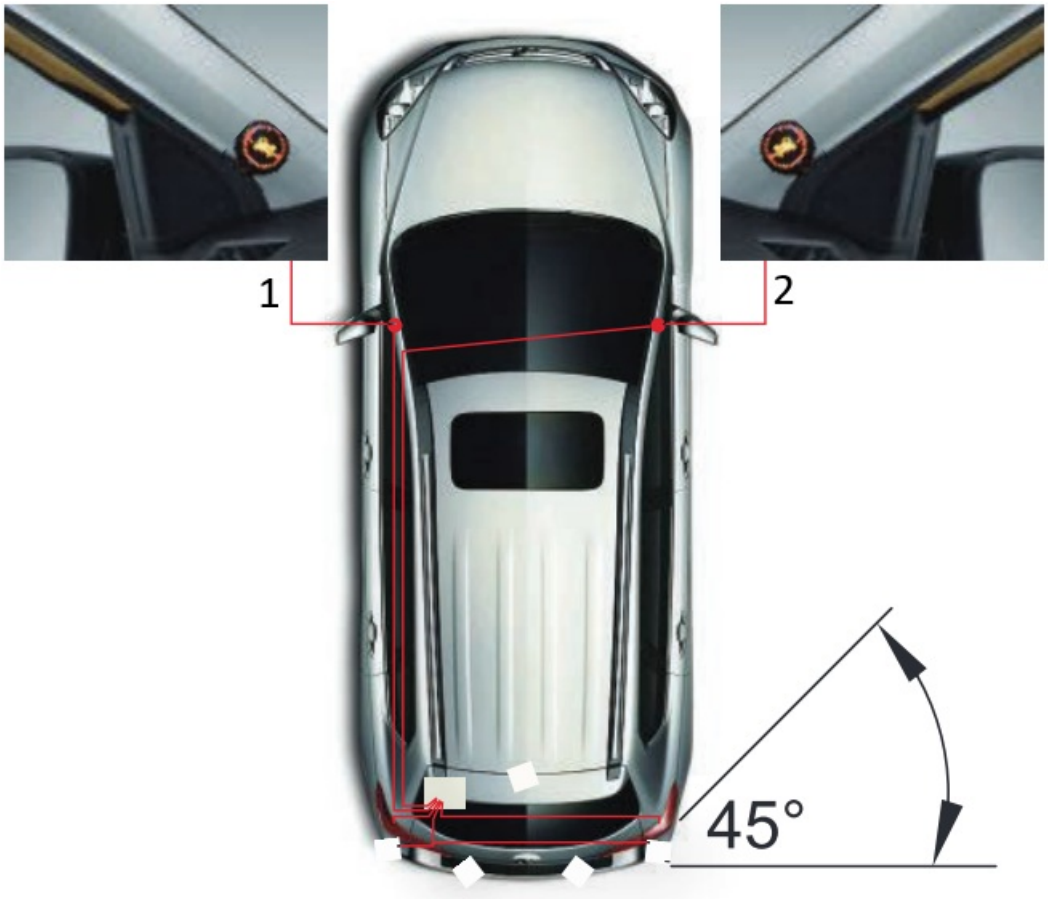
3. Wiring Diagram



1. Ultrasonic sensors
2. Buzzer
3. Green line to reversing signal
4. Red line to ACC
5. Black line to GND
6. Yellow line to left turn signal
7. White line to right turn signal
8. Black connector to L LED indicator
9. Yellow connector to R LED indicator

Step 2: Sensor Installation

1. The ideal height to mount L & R sensors (Up 7°) is about 60cm-70cm where the bumper is vertical to the ground, CL & CR sensors (0°) is about 50cm-65cm. Otherwise it may cause false alarm.



1. Left LED indicator
2. Right LED indicator

2. Keep the drilled hole clean after drilling to make sure the proper size of installing sensors. Keep sensors away from sponge, metal plate or anything on the sensors surface, otherwise it may cause false alarm.

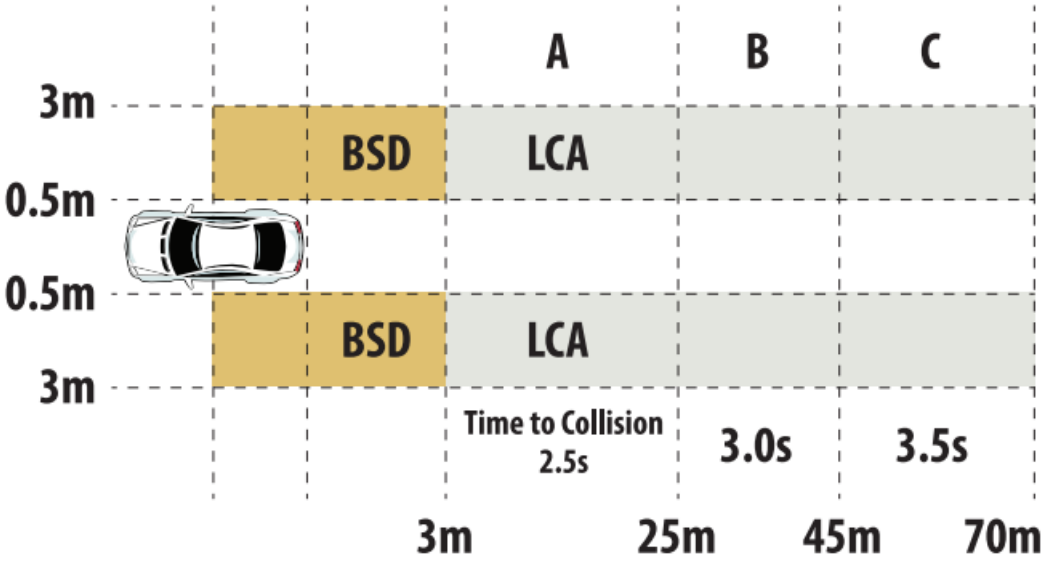
Function Introduction

Blind Spot Dectection Function

(Blind spot detection are both for XY-BSD500-4 and XY-BSD500-2) System is activated when vehicle is driving. Detection area is 5m long and 2.5m wide at the rear side of vehicle. LED indicator turns ON if the sensor detects another vehicle that comes near the next lane.

If switching ON turn signal at the same side when object is detected, LED indicator will flash and buzzer will have 3 beeps.

Buzzer beeps three times once turn signal is switched ON. If emergency button is switched ON, both sides will turn ON.



Notes for installation, test and tips

1. **Installation**

   a. This product is applied to 12V battery vehicles, please read manual carefully before installation.

   b. To insure the length of cables fit the vehicles and convenience of routing cables, please install control box at the left trunk.

   c. Please connect cables as Wiring Diagram.
2. **Test**

   a. If the system didn't work please check and insure all cables connected properly.

   b. If the system can't detect the obstacles behind the vehicle, please check sensors if properly in upward position.
3. **Tips**

   a. Please have a test first on this system before operating.

   b. If dirt, rain or snow builds up on the sensor, the sensor may not function properly. If water droplets, snow or mud adhere to the sensor and its components, rinse with water and wipe with a dry cloth.

   c. When reversing down a steep slope or driveway, gravel, lawn and/or the road surface may cause momentary detection signals due to the sensors following the sloping angle of the vehicle which may cause false alarm.

   d. Sensors can't detect well on sponge, glossy sphere, spiky objects or very tiny obstacles.

Features:

- Helps Driver Lane Changing Safely During Driving
- With the Aid of 58KHZ Ultrasonic Sensor
- Two Ultrasonic Sensors
- Two Blind Regions Monitor (or LED Light)
- With Buzzer and the Wire Harness, Perfect Connection of Ultrasonic and Computer
- Integrates Blind Spot Detection and Reversing Assistance
- High-speed Frequency Sensors for the Left-rear and Right-rear of the Vehicle
- Buzzer Warning Indicators for the Right and Left Side

Technical Specs:

- BSD Function: Blind Spot Detecting System Function
- LCA Function: Lane Change Assist
- RCTA Function: Rear Cross Traffic Alert Function
- Type: Universal Blind Sport Monitoring System (BSM)
- Electricity Voltage: 12V
- Maximum Power: 5W (max)
- Working Temperature: -40°C~+85°C (-40°F~185°F)
- Storage Temperature: -40°C ~ +85°C (-40°F~185°F)
- Waterproof Level: IP67K
- Detection Range : 0m 5m.
- Detection Range Accuracy: ±3cm
- Product Dimensions: 3.47” x 2.36″ x 11″ -inches

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Questions? Comments?
We are here to help!
Phone: **(1) 718-535-1800**
Email: **support@pyleusa.com**

Documents / Resources

	PYLE PLBLSP40 Ultrasonic Blind Spot Detection System [pdf] User Guide PLBLSP40 Ultrasonic Blind Spot Detection System, PLBLSP40, Ultrasonic Blind Spot Detection System, Blind Spot Detection System, Spot Detection System, Detection System

References

- Pyle USA Electronics | Home Audio | Car Audio & More