









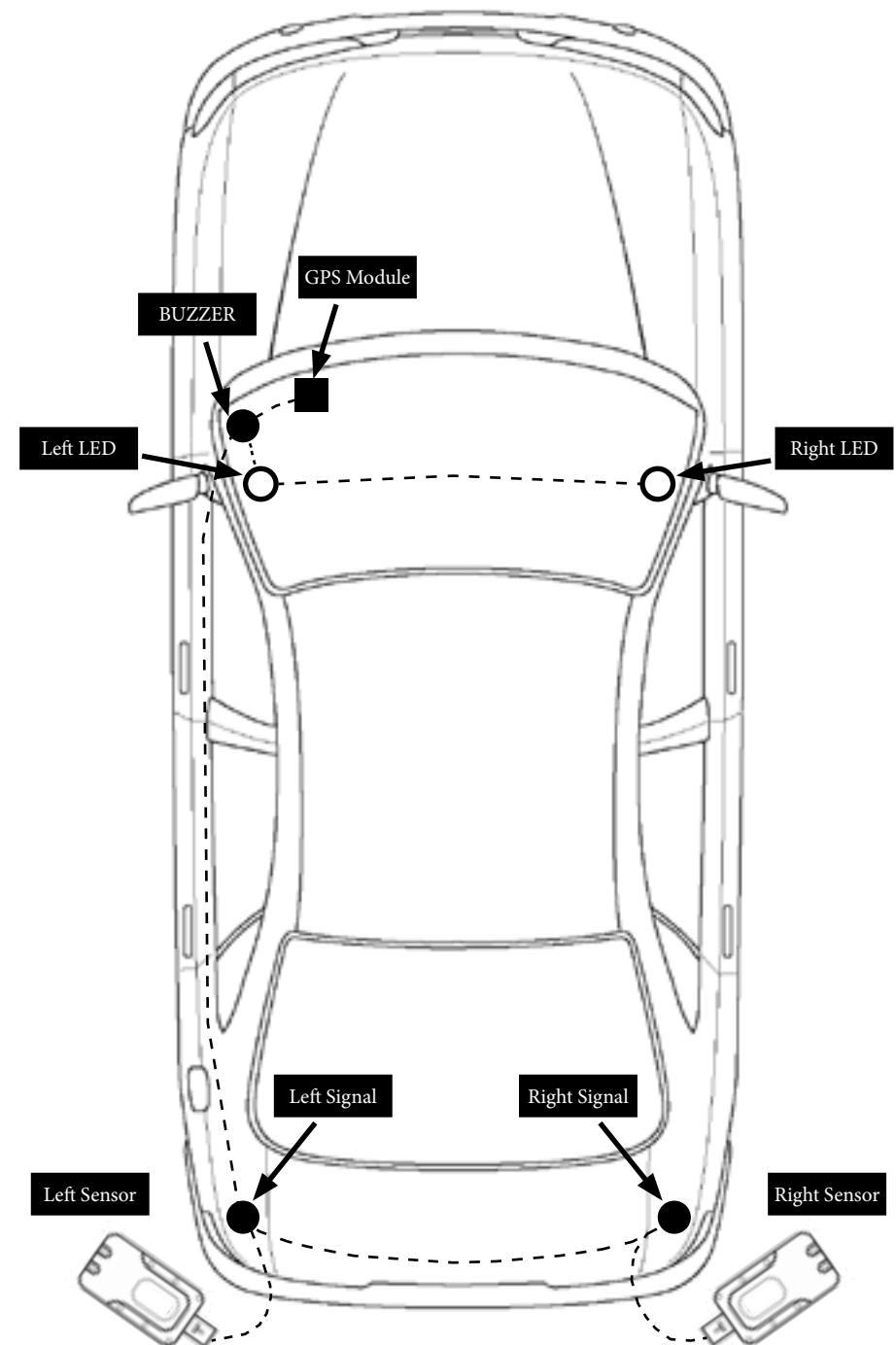


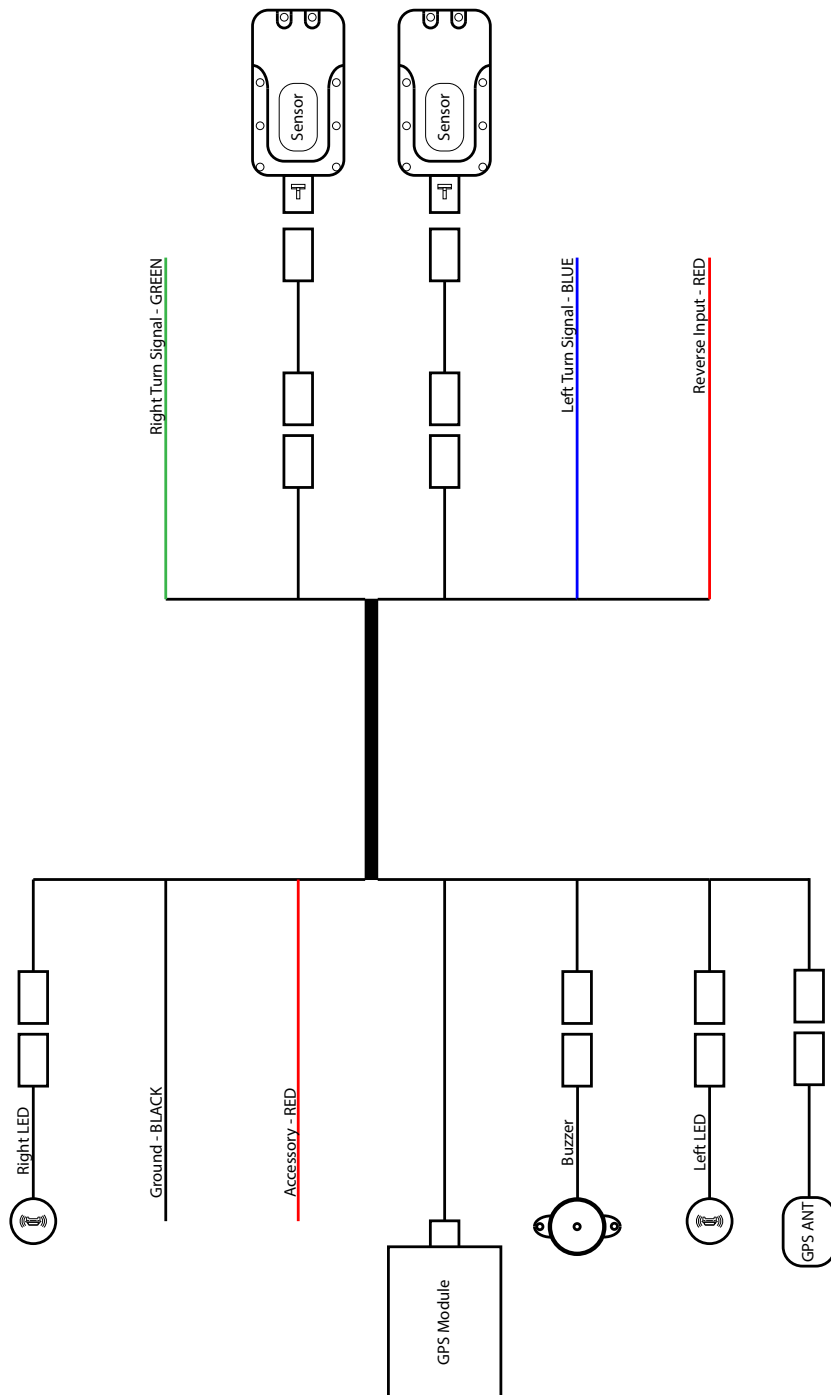


## Installation Guide

### Blind Spot Detection / ADVBSD20

NO.	Item	QTY.	Image
1	BSD Sensor	2	
2	GPS Module	1	
3	Main Harness	1	
4	Sensor Harness	2	
5	GPS Harness	1	
6	GPS Antenna	1	
7	LED Indicator	2	
8	Buzzer	1	
9	Installation Guide	1	
10	Cable Ties	14	
11	3M Tape	4	



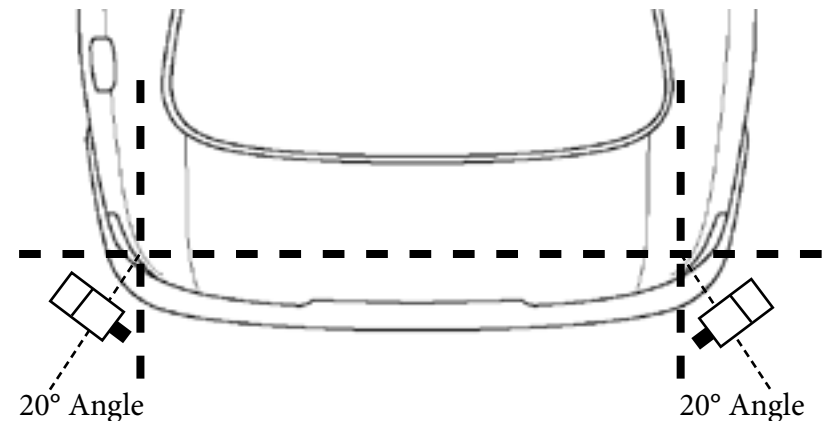


## Installation Tools and Tips

- Drill
  - Painters Tape
  - Plastic pry bars
  - Philips/Flathead screwdrivers
  - Surface cleaner (i.e. rubbing alcohol)
  - Sockets and wrenches
  - Zip ties
  - Rag
1. Disconnect vehicle battery to prevent damage
  2. To avoid drilling holes, look for and use 'grommets' for bumper access
  3. Angle sensor more toward the back of vehicle than the front or side
  4. Please do not pull on the wires to remove the connectors
  5. Be sure connectors are properly secured and "Click" when inserted
  6. Please use the cable ties to fasten harness while installing – make sure to keep taught and conserve slack
  7. If anything is accidentally damaged, please replace the corresponding parts immediately

## A. Measure BSD Sensor Height & Angle

1. The BSD sensors will be installed to both inner corners of the rear bumper cover
2. Using a ruler, locate an installation area 13 to 35in from the ground and mark height line with painters tape
3. The BSD sensor will be installed at a 20° angle (see image below) mark the ideal installation area with painters tape for future reference
4. Remove rear bumper



## B. Install Right BSD Sensor

1. Clean installation surface on the opposite side of your tape mark, and let the surface dry
2. Attach 3M tape to BSD sensor surface (plastic side)
3. Install BSD sensor with the harness plug pointed to the inside of the vehicle
4. Connect BSD Harness to Right BSD sensor
5. Connect BSD Harness to Main Harness



## C. Connect Right Turn Signal Wire

1. Access rear right brake light assembly
2. Locate and test the factory right turn signal trigger wire
3. Connect R\_LAMP - GREEN to the vehicle's right turn signal trigger wire
4. Clean up any wiring and conserve slack

## D. Install Left BSD Sensor

1. Clean installation surface on the opposite side of your tape mark, and let the surface dry
2. Attach 3M tape to BSD sensor surface (plastic side)
3. Install BSD sensor with the harness plug pointed to the inside of the vehicle
4. Connect BSD Harness to Left BSD sensor
5. Connect BSD Harness to Main Harness



## E. Connect Left Turn Signal Wire

1. Access Left right brake light assembly
2. Locate and test the factory left turn signal trigger wire
3. Connect L\_LAMP - Blue to the vehicle's left turn signal trigger wire
4. Clean up any wiring and conserve slack

## F. Connect Reverse Trigger Wire

1. Locate and access reverse light assembly
2. Locate and test the factory reverse trigger wire
3. Connect the Reverse Trigger - RED to the vehicle's reverse trigger wire
4. Clean up any wiring and conserve slack

## G. Route Main Harness to Front of Vehicle

1. Use interior trim panels to route wires to the front of vehicle
2. Route to area with 12 volt power and ground access
3. Route LEFT\_L - LED to left side of vehicle
4. Route RIGHT\_R LED to right side of vehicle

## H. Install Warning Lights

1. Connect LED\_R to main harness, hide the wire along the trim panels and mount the LED light to the Right A Pillar
2. Connect LED\_L to main harness, hide the wire along the trim panels and mount the LED light to the Left A Pillar

## I. Install Warning Lights

1. Connect Buzzer to main harness
2. Install in driver kick panel with 3M tape

## J. Operation

1. System will sample GPS to activate above 20MPH
2. When a vehicle approaches from rear, the system will light the LED to warn the driver
3. If the turn signal is on when a vehicle approaches from the rear, the System will flash the LED and sound the buzzer

**For customer or technical support please call Voxx Support:**  
**1-800-645-4994**  
**Monday – Friday**

