











Rear Parking Sensor System (6-Sensors)

FLTW - 3060



Recommended Tools				Difficulty Level
 Zip Ties	 Wire Strippers	 Wire Cutters	 Electrical Tape	 Install Time  1hr30m-2hr
 Screw Driver	 Panel Removal Tool	 Drill	 1/8" Drill Bit	
Questions? Call the Brandmotion technical support line at (734) 619-1250 or CLICK HERE				

Kit Contents



Kit Contents:

6x Ultrasonic Sensors

6x Sensor Nuts

12x Rubber Washers

1x Sensor ECU

6x Sensor Wire Extensions

1x Output Data Wire

1x 8.7m 4-pin Data Extension

1x 3m 4-pin Power Wire

Part 1

Installing Sensors

1. Locate bumper sensor locations.

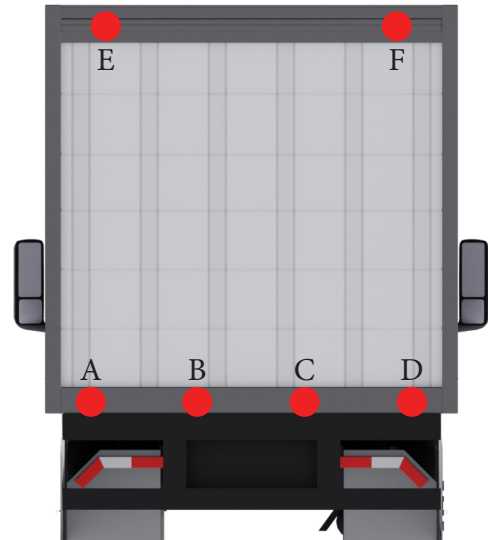
- Mark the locations with masking tape and a pencil mark.
- The recommended height from the ground is between 18" - 20". Measure the desired height and mark it on the bumper.
- Measure the width of the bumper and refer to the diagram to mark appropriately spaced locations across the bumper.
- If not installing upper sensors, Install only A-D.

NOTE: Before you drill any holes into the bumper, check to see if the sensor locations will have any interference with the sensor installation (such as wire harnesses, braces, or bracketry).

2. Using a 1/8" Drill bit, pre-drill holes at your desired location. Using the provided 1 1/16" (27mm) hole saw, open up the holes.

NOTE: When drilling through thick metal, soak the hole saw in WD-40 or machine oil and reapply often to prevent dulling.

3. Test fit the sensor. If necessary, use a rasp to gently file off any metal burr or debris to ensure the sensor fits freely. The sensor should have some play in the hole.

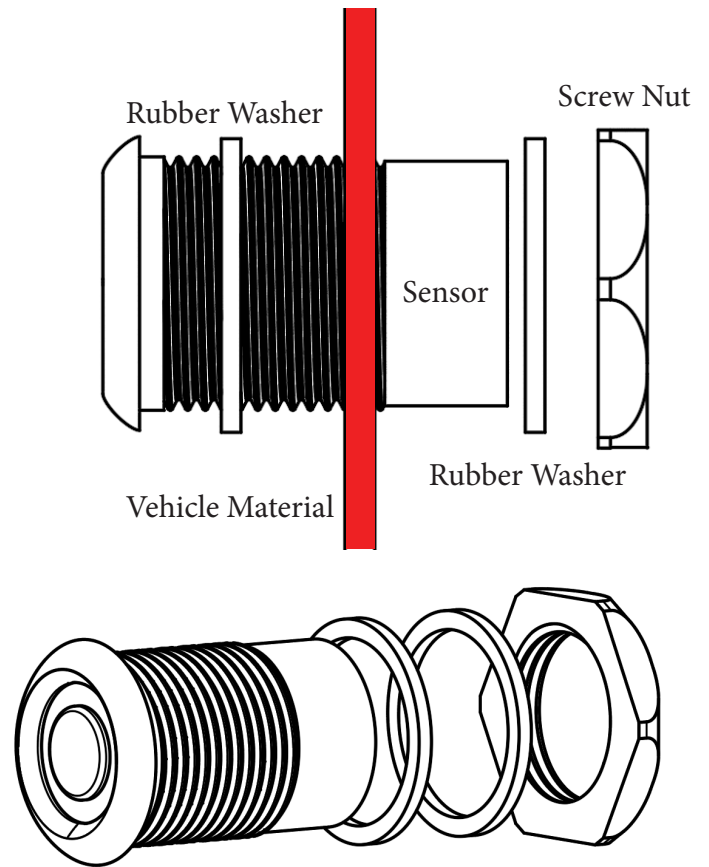


A	Bottom Driver Side Edge
B	Bottom Driver Side Center
C	Bottom Passenger Side Center
D	Bottom Passenger Side Edge
E	Top Driver Side
F	Top Passenger Side

Part 2

Installing Sensors

1. Put a rubber washer over the sensor, then push the sensor into the hole. Put another rubber washer over the sensor and then the screw nut. (See diagram). There should be a rubber washer on both sides of the vehicle material.
2. Tighten the screw nut hand tight and do not over tighten.



Section 2: Wiring Installation

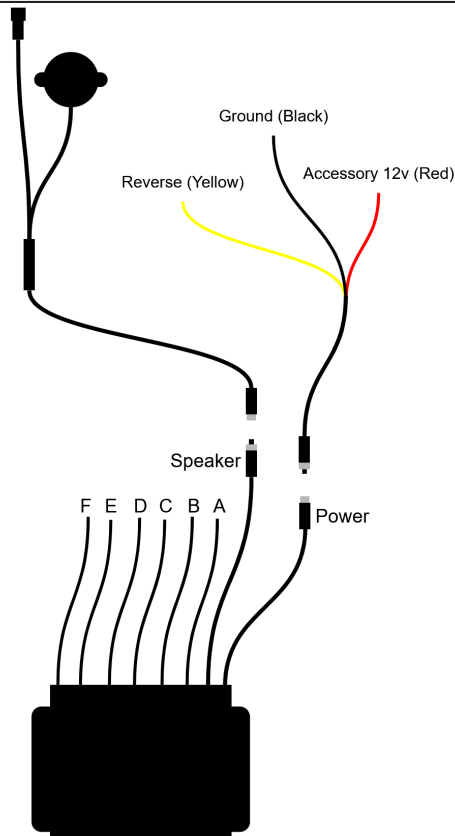
Part 3

ECU Placement & Wiring

1. Find a location to mount the ECU in the rear of the vehicle. Mount it with screws.
2. Plug the Sensor Extensions into the ECU.
3. Route the Sensor Extensions along the bumper and find or create a way to get the Sensor Extensions outside the vehicle towards the sensor locations. It is recommended to pull the wires through an existing grommet from the vehicle, but if there are none present, drill a hole and be sure to add a fitting grommet and silicone to ensure a water tight seal.
4. Connect the sensors to the extension wires. (Be sure to connect sensor A to plug A, B to B, and so on.)

NOTE: If using only lower sensors. Use only A-D.

5. Connect speaker to the 4-pin connection and screw the connector tight.
6. Connect the power harness 4-pin connection to the ECU.
7. Locate accessory and reverse 12v wires from either the tail lamp or the fuse box and run leads to the ECU.
8. Connect YELLOW to the reverse wire and RED to accessory.
9. Connect the Black GND wire to vehicle ground.



Section 3: Final Touches

Part 1

Painting Sensors

1. These sensors are capable of being painted with an OEM non-metallic paint to match your vehicle.

Part 2

Expansion



Compatible with the Brandmotion FLTW-3601 SurroundVUE™ 360° System