

Parking Dynamics PD1 Installation Best Practices

To ensure a correct, optimum and fully operational install please follow these recommendations.

Pre-Install Test :

Front and Rear Sensor Standard and Typical Install.

To ensure optimum detection range; once you have measured and determined your desired heights for the antenna, and before fixing the bumper back on permanently, position the bumper back on your car using only the clips to hold it, and test approaching the bumper with both your hands together to ensure you are satisfied with the detection range. We suggest this test is done with the sensitivity Dip-Switch positioned on the highest one (sensitivity 4).

Move antenna if really required considering that the best position is always the more protruding part of the bumper. If you need you can find a spare antenna at www.parkingdynamics.co.uk/Accessories.

WARNING: When doing a Pre-Test only approach the vehicle once and then reset the system by switching off the power of the ECU (disengage reverse gear and deactivate the switch for front sensor installs) or not correct informations on the performance of the system can be given during this test.

Parking Dynamics PD1 Front and Rear Antenna Installation Criteria:

- Carefully clean the inner side surface of the bumper using alcohol or other solvent (but NOT anti-adhesive detergent), where the antenna will be positioned prior to attaching the adhesive antenna itself.
- Must be secured along the complete length of the bumper but leaving 15-20 cm from the wheels, typically 10cm from edge of the bumper.
- Apply a piece of the included black adhesive material at either end of the antenna. It's a good idea to cover the antenna with a black anti-rust protection paint the same type that is applied to the underneath of a car chassis to protect from the elements or use a similar plastic protection primer.
- Must be installed a minimum of 2 cm away from any metal parts such as the metal crash protection bar typically found behind rear bumpers. Antenna can pass close metal structures for a short length of no more than 10-20 cm.
- Install on the most protruding area of the bumper. Furthest away from metal body of vehicle.
- We suggest installing the antenna a minimum of 40cm from the ground, 60cm maximum and with 50cm being optimum.
- Front antenna can go as low as 20cm if protection of front spoiler is required from kerbs.

Parking Dynamics PD1 Front and Rear Electronic Control Unit (ECU) Installation Criteria:

- Before installing the ECU think about where you will pick up the earth and 12V live sources and mount the ECU in an appropriate location.
- Use adhesive pad to mount the rear ECU and if available use a zip or tie strap for the front ECU.
- We suggest to place the ECU where you can easily change the sensitivity if required.
- Speaker wire can be extended up to 15 Meters if required