



LR-911 Long-Range Reader for Passive Tags Vehicle Mounting Recommendations for Windshield Tag (WS)

AWID's WS tag is designed for one kind of installation, on the inside of a vehicular windshield. When the removable waxed label on the WS is peeled off, adhesive is exposed. That side of the tag should be placed on the inside of the vehicle's windshield (clean please!) at a location where there is no tinting or embedded wires for antenna or defrost, and where there is direct line of sight from the tag to the LR-911 reader. The tag should then be pressed **gently** against the windshield glass on **the outer edges only**, so that it is tightly connected. Mounting the WS to your windshield by taping it (not removing the waxed label) will greatly decrease the read range!! This is an aggressive adhesive, so it does attach firmly to the glass. It is ideal to apply the tags so that they approximate facing the reader (parallel to the reader's surface). The recommended mounting area is the lower left corner of the windshield (assuming the LR-911 reader is on the left side of the entry lane), just above the area where an inspection sticker would be mounted. Great care should be taken to avoid any metallic tinting or defroster coils and also to insure that the location of the tag does not impair the operators path of vision. Metallic content in the vehicles' windshield can significantly impair the readers' ability to read the windshield sticker, this problem is more often experienced with high-end European sedans and domestic vehicles with rain sensing wiper features and some defroster options. Identifying a windshield with metallic content can be as easy as looking at the outside of the windshield from the side while wearing polarized sunglasses – if the windshield appears to have a purple hue, it is probably due to metal content. If you suspect that your windshield has significant metallic content, allow the system administrator or installing technicians to test your windshield using a hand held tag (GMWS or MT) prior to adhering the WS tag to your windshield.

**BE VERY CAREFUL NOT TO APPLY PRESSURE TO THE CHIP
IN THE CENTER OF THE TAG**

