

NEDAP UHF Upass Winshield Credential Placement Guide

The NEDAP Tag is designed to be used with the NEDAP Upass Readers for access control and automatic vehicle identification applications. The antenna of the tag is specifically tuned for operation while mounted on automobile windshields, so the tag must be mounted directly on the windshield glass of the automobile.

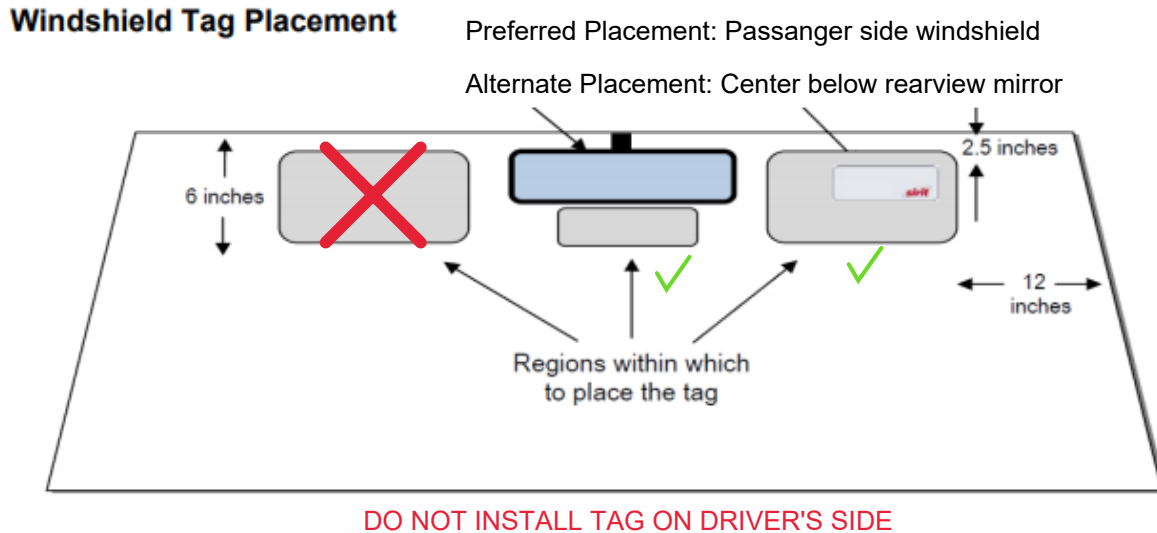


Figure 1

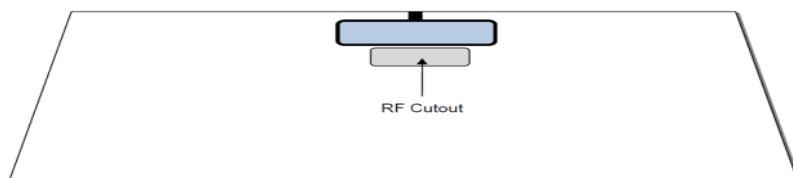
Figure 1 shows the recommended tag location on the automobile's windshield. The tag should be placed below any metal liner in the glass, but the top of the tag should be no more than 5" below the metal roof.

Please note: Before removing the sticker and applying the tag to the windshield, we recommend you use scotch tape to affix the tag to the spots listed in figure 1 to TEST the best location on your windshield. Average read range from the reader will be between 15'-20'.

The tag should not be placed within 12 inches of another AVI transponder (i.e. TollTag, EZPass, SunPass, etc).

Windshield Tag Placement for Windshields with Metallic Coating

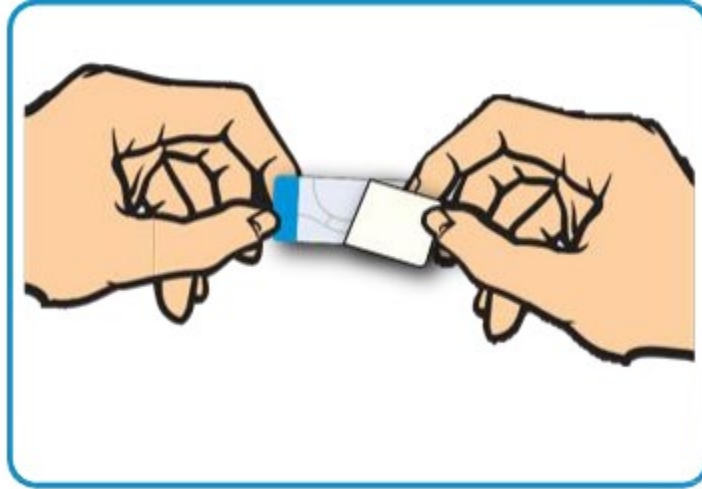
Some windshields have metallic coating or tinting that will affect the operation of the tag and result in diminished system performance. Most of these types of windshields have an RF friendly cutout behind the rearview mirror. Check the owner's manual for the vehicle to determine the location of this cutout. The tag should be mounted in this location, at least 12 inches away from another tag.



Proper Tag

Mounting

Once the tag location has been determined, the inside of the windshield at that location should be cleaned and dried prior to affixing the tag. NEDAP recommends using rubbing alcohol to clean the inside surface of the windshield in the mounting location. Once the mounting location has been cleaned and dried, peel the paper backing off of the tag, and stick the tag to the inside of the windshield. Do not bend the tag when removing the backing or applying to the windshield, as this can damage the chip or antenna and make the tag stop working.



Prior to installation, please handle with care: Do Not - bend, fold, staple, or use a paperclip to affix the tag to paperwork. **Do Not** write on the tag or allow the tag to get wet.

Please note: The tag is designed to break on removal from windshield glass, so review the following installation instructions and verify correct tag location prior to affixing the transponder to the glass. If the tag is removed from the glass, it becomes nonfunctional, and will need to be replaced with a new tag.