

Headlamp Tag Mounting Instructions

Our Headlamp Tags are high-performance Radio Frequency Identification Devices (RFID) and have been specially designed to be installed on the exterior of a vehicle, specifically on plastic or fiberglass surfaces. When properly installed, headlamp tags are designed and tested to not interfere with the headlight beam and offer an unmatched level of security. They are designed to destruct if removed or tampered, once mounted to the vehicle.

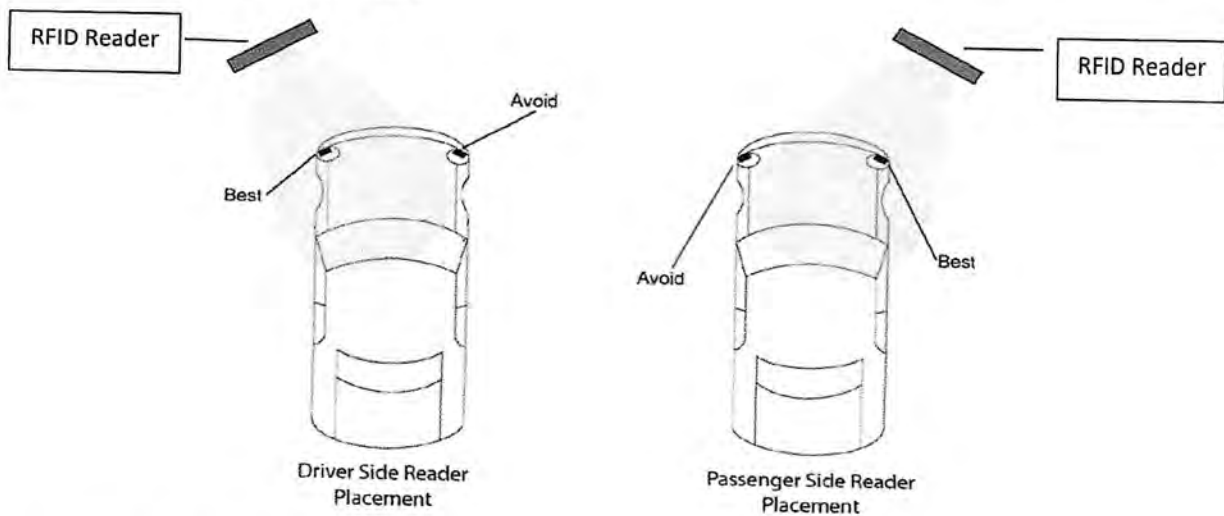
Our Headlamp Tags have been tested to withstand a variety of environmental conditions, such as regular car washing (automated and by hand), UV exposure, vibration, windblown sand, temperature, and humidity cycles. Although this tag has been engineered for the rigors of outdoor use once it is installed, it must be handled carefully during the installation process.



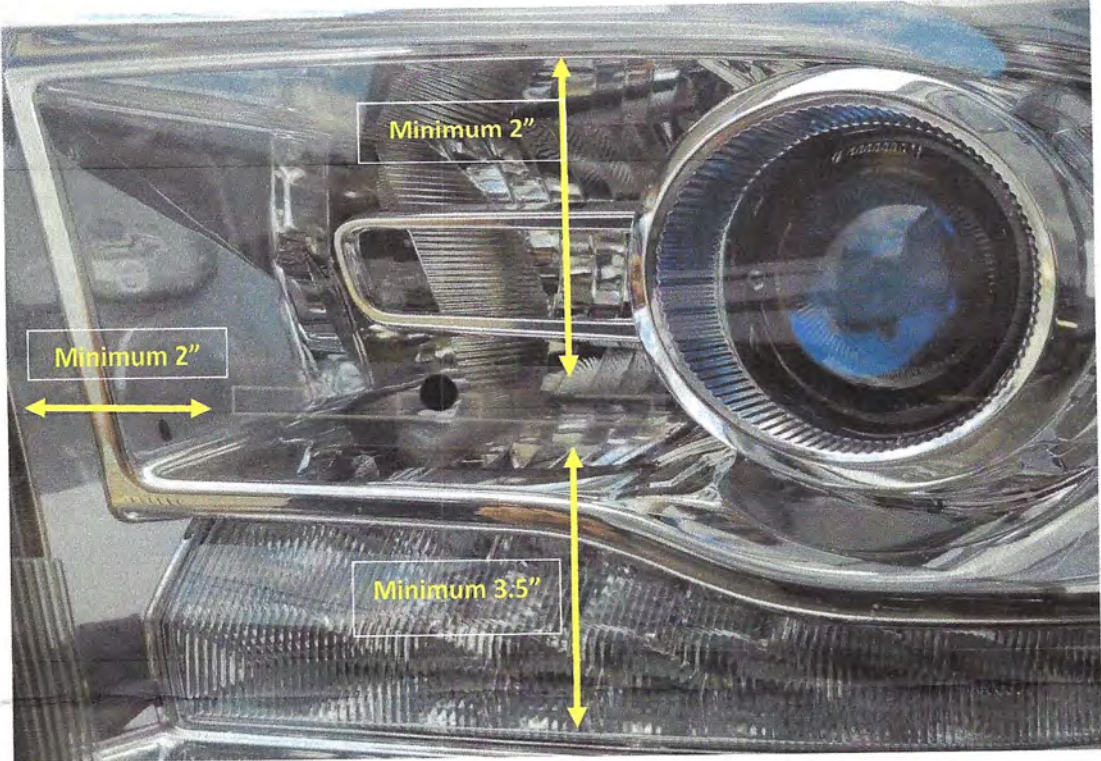
Note - Due to the wide variance in headlamp design, this document is intended as a general guide and not inclusive of all vehicle makes and models. Please also consult your state and local vehicle codes for the approved mounting, which may include locations other than the vehicle headlamp.

Choosing a Proper Mounting Location

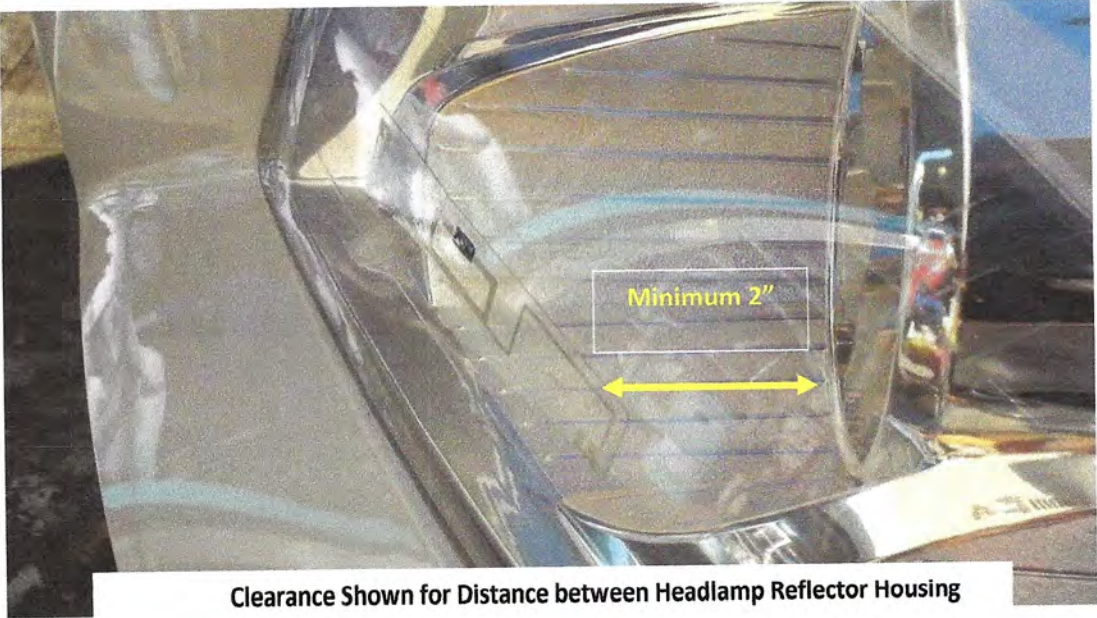
For optimum performance, the RFID tag must be installed on a suitable mounting point that is facing the RFID reader during normal driving.



Next, choose a mounting location that is at least 2" from any materials containing metal and approximately 3.5 inches from the bottom reflector. A headlamp is shown below for reference.



Clearance Shown for Distance between Hood, Body Panel & Bumper



Clearance Shown for Distance between Headlamp Reflector Housing

RFID Tag Handling & Installation

Step 1 - Make sure that the intended mounting surface is clean and free of any contaminants. Use a mild solvent and a microfiber towel to clean the area prior to tag installation.



Step 2 - You can test the suitability of your chosen tag mounting location by temporarily attaching the tag using a low-tack tape. Once the tag is temporarily attached, you can test for performance and adjust the tag mounting location if necessary.



Note - Handle the tags with care during installation. Do not excessively bend or distort the tag when removing it from the liner. Pull the liner away from the tag, keeping the tag's antenna as straight as possible.



Step 3 - Transfer the tag to the mounting location on the vehicle that you have determined suitable for your application. It is best to hold the tag by the edges as shown in the picture below.



Step 4 - Smooth out the tag to ensure complete adhesion and remove any air pockets.



Note - Once the tag has been mounted, **do not attempt to remove the tag**, this will damage the tag.

Alternate Mounting (Non-Headlamp)

If mounting to the vehicle's headlamp is not feasible, you may also choose to mount the tag on other plastic surfaces, such as the vehicle's bumper, trim, or side mirror. Many of the preceding guidelines will still apply and the tag must be mounted a minimum 2" from any metal structures. This includes any metal structures behind the tag-mounting surface, such as structural mounts or the vehicle's frame.



Cure Time

Once the tag has been installed on the vehicle, there will be a period of time necessary to allow the tag's adhesive to cure. Due to temperature and humidity variations, the total cure time may vary. Most applications will experience an 80% cure of the adhesive within 1 hour and full adhesive cure within 24 hours of application. **Please do not wash the vehicle or disturb the tag for 24 hours after installation.**

Certifications

Our Headlamp Mount Tags have been certified by Omni-Air for the rigors of vehicular use on United States Toll Roads. They have also been tested to comply with the Federal Motor Vehicle Safety Standard FMVSS108.

