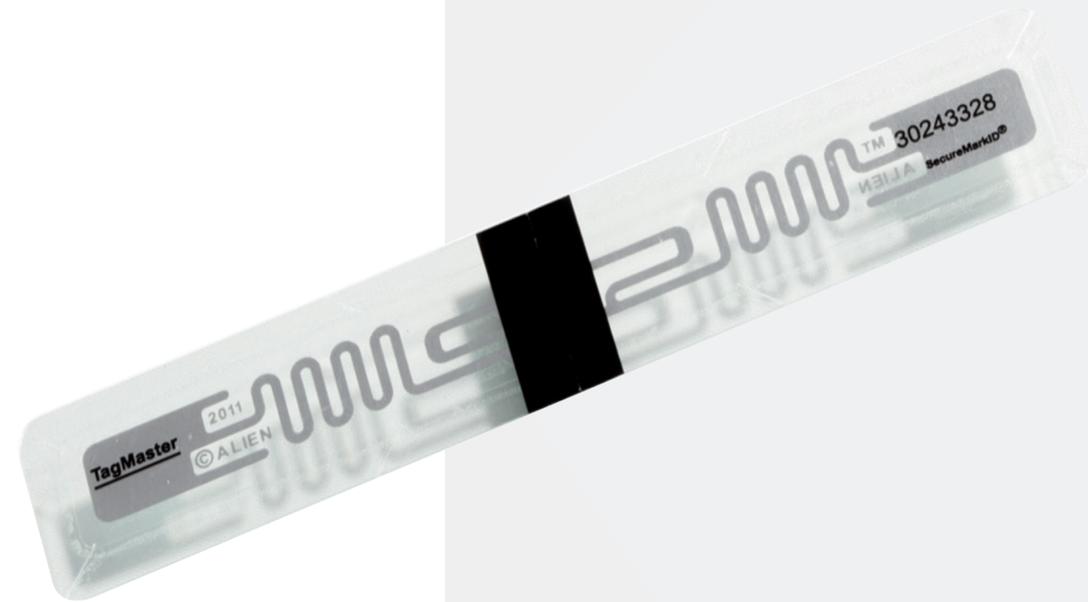


## Headlight Tag Installation Guide



# INSTALLATION GUIDE

## About the identification Tag:

TagMaster is offering cost effective long-range identification of vehicles. Our Tags are designed to be used with TagMaster Long Range RFID Readers for access control and automatic vehicle identification applications.

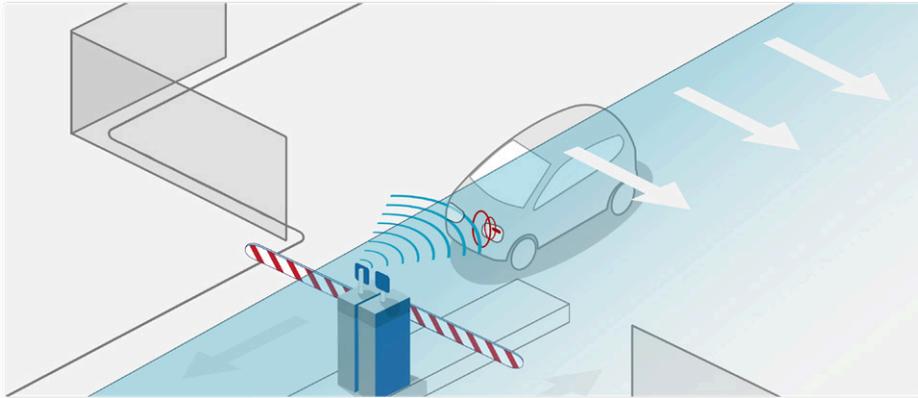
The non-transferable Tag (antenna) is specifically tuned for operation while mounted on vehicle headlights. The Tag must be mounted directly on the headlight glass or the bumper. The read range is normally up to 10m or 33 ft.

The Tag is designed to be tamper evident and usually breaks on removal. Therefore, review the following installation instructions and verify correct Tag location prior to affixing the Tag to the headlight. If the Tag is removed after application the built-in antennas risk being damaged, and the Tag should be replaced.

A headlight Tag is the best option to enable reliable vehicle identification in situations where the entire car windshield has a built in solar screen with metal particles or a heated windshield (thin metal wire).

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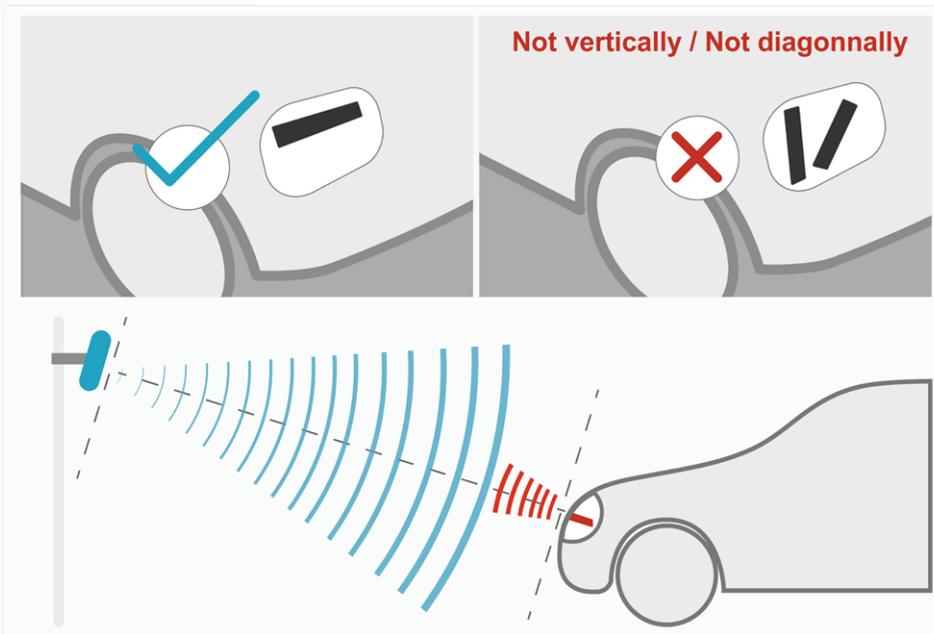
## How to mount the Tag on your headlight :



### 1. The position of the Reader and where to put the Tag

Place the Tag on the headlight glass, on the same side of the vehicle as the reader.

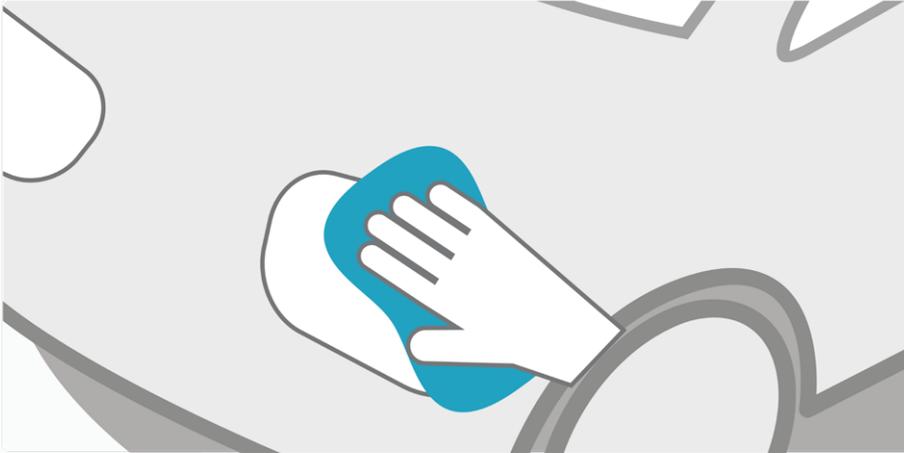
Do not place the Tag on the side windows.



### 2. How to apply the Tag

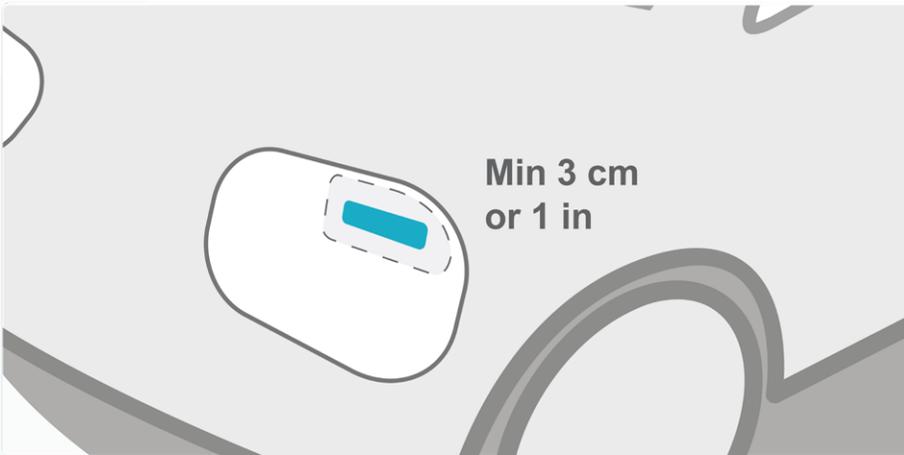
The Tag usually performs best when positioned horizontally on the headlight glass, which normally also is the most practical position in relation to the shape of the headlight glass. Avoid positioning the Tag vertically or diagonally. The ideal position is when the headlight Tag is positioned in parallel with the reader surface, reflecting the radio signal straight back towards the Reader.

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## 3. Clean surface

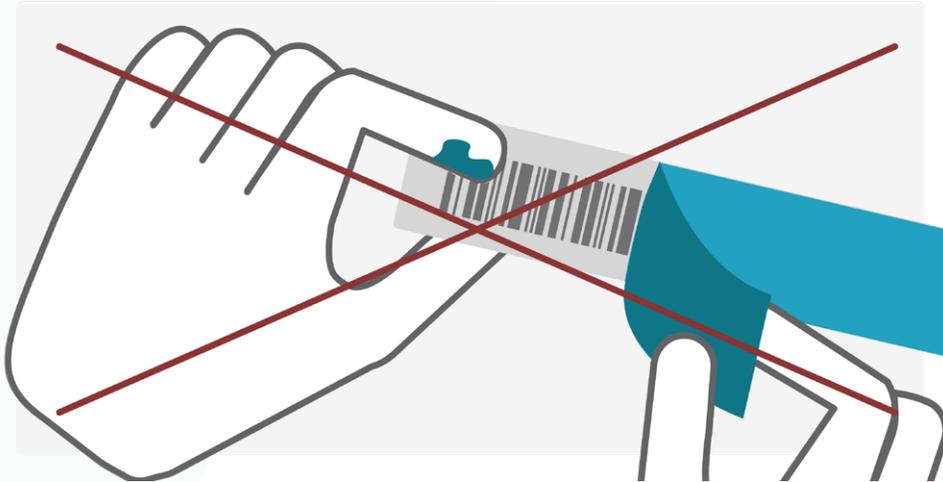
Make sure the surface is clean before applying the Tag to the headlight glass. Use window cleaner and a microfiber cloth (be careful not to scratch the headlight glass). Make sure the headlight is dry before proceeding with the installation.



## 4. Distance from the headlight edges

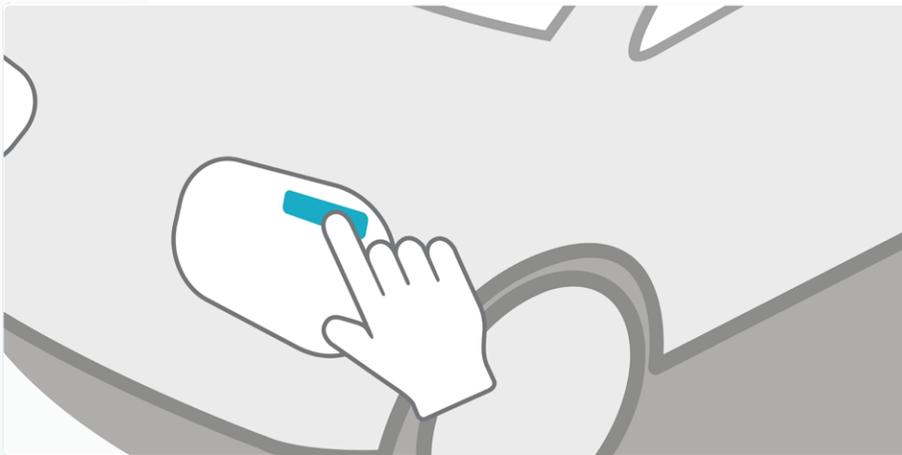
The Tag must have minimum 1 Inch or 3cm distance from the headlight edges. Tag performance will decrease if it is mounted too close to metal or another RFID-tag. Do not place the tag directly in front of the bulb, it will affect headlight performance negatively.

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## 5. Apply carefully

The tag needs to be treated carefully. Make sure not to touch the glue before applying the tag. Do not bend the Tag, it can lead to reduced performance.



## 6. Apply the Tag

Press down in the middle of the Tag and rub from middle towards the sides.

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## Tag removal

If the tag is removed (deliberately or if someone tried to steal it), there's probably a little bit of adhesive remaining on your headlight. Peel off as much of the sticker as you can, then follow these instructions for the rest:

### 1. Apply heat

You can leave your headlights on for a while to heat the adhesive, or simply use hot water and apply it to the sticker with a clean cloth (be careful—don't get burned). Hold it there for a few minutes to weaken the adhesive.

### 2. Surface and adhesive remover

If needed, apply adhesive removal agent and let it soak for a few minutes. This is most effective after you heat the adhesive. Be sure to read the instructions on your adhesive remover to ensure that it is safe to use on your headlights (glass).

### 3. Wipe it off

Finally, use a microfiber cloth so you don't scratch the surface, and rub the adhesive in a circular pattern with moderate force. Done!