

ASTM Mini Hardcase

Installation Instructions

16-6200-035 Rev X2 7/22

TransCore's ASTM Mini Hardcase is an ASTM radio frequency identification (RFID) tag for use on the 407 ETR in Toronto.

General Installation Information



Metallized Windshields: Some vehicle windshields contain a metallic treatment that could prevent an interior windshield-mounted tag from working correctly. If you have a vehicle with a metallized windshield, you may need to install an exterior tag on your vehicle instead of the interior windshield-mounted tag. Contact your local tag customer service center for more information.

Metal-Free Zone: Some vehicles with metallized windshields have a metal-free zone, usually located near the rearview mirror. If your windshield has this zone, center the tag in that area and follow the installation instructions listed in these pages.

Tinted Windshield: Some vehicles have a metallic tint across the top of the windshield that might interfere with reading the tag. If your windshield has this metallic tint, install the tag at least 2 inches (5.1 cm) below the tinted area. Nonmetallic tint does not affect tag performance.

Metal Sun Visors: Some vehicles have an exterior-mounted sun visor that might interfere with reading the tag. If your vehicle has this visor, mount the tag at least 2 inches (5.1 cm) below the visor.

Tag Installation and Removal Procedures

The ASTM Mini Hardcase tag is designed for mounting to a vehicle's interior windshield surface with 3M™ Dual Lock™ mounting strips.

Required Supplies

- ASTM Mini Hardcase Tag
- Commercial glass cleaner and paper towels

Installing the Tag

Choose the location for your tag (Figure 1). The tag should be mounted approximately 1 inch (2.54 cm) below the rear view mirror post.

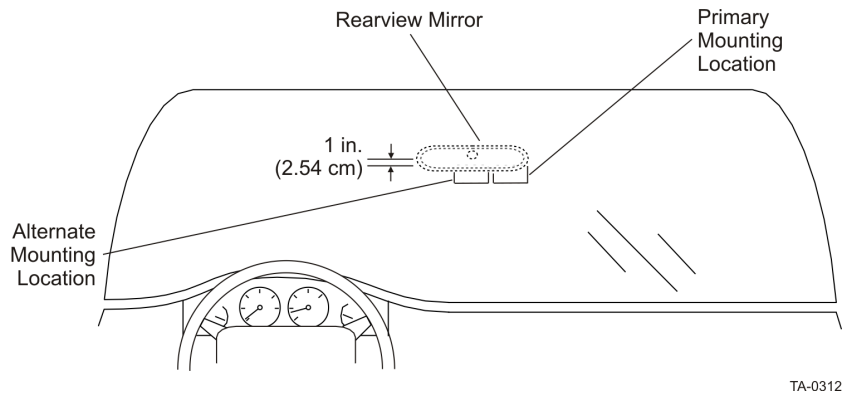


Figure 1 Optimum Locations for Tag Performance

Clean and dry the interior windshield surface completely before mounting the tag. The windshield temperature must be at least 68°F (20°C) for optimum bonding.

Dual lock mounting strips

1. Peel the backing from the mounting strips to expose adhesive (Figure 2). Leave both sides of the strips pressed together to ensure the strips will align between the tag and the windshield. Apply the tag to the windshield using moderate pressure.



Figure 2 Peel backing from mounting strips to expose adhesive

2. Hold the tag so that the printed text or image is right side up and facing toward you ([Figure 3](#)). Press the tag against the windshield and hold for 10 seconds.

Note: When installing the tag using the mounting strips for the first time, leave the tag in place for at least 24 hours to allow the adhesive to cure.

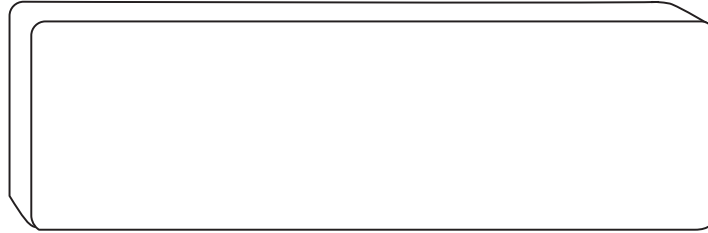


Figure 3 Correct Tag Orientation

Removing the Tag

To remove a tag installed with mounting strips from the windshield, grip the tag at the top and bottom sides. Gently lift the tag away from the windshield on one end until the tag is free from the windshield.

REGULATORY INFORMATION

This device is a mobile transmitter that uses an internal antenna to send radio frequency (RF) energy for data communications. The device emits RF energy below the published limits when operating in its maximum output power mode. To comply with RF exposure compliance requirements, the device must be installed and operated with a minimum of 20 cm (7.9 inches) between the device and your body. The device should not be used in other configurations. The device must not be co-located or operated in conjunction with any other transmitter or antenna.

NO UNAUTHORIZED MODIFICATIONS STATEMENT



CAUTION:

THIS EQUIPMENT MAY NOT BE MODIFIED, ALTERED, OR CHANGED IN ANY WAY WITHOUT PERMISSION. UNAUTHORIZED MODIFICATION MAY VOID THE EQUIPMENT AUTHORIZATION FROM THE FCC AND WILL VOID THE WARRANTY.

AUCUNE MODIFICATION NON AUTORISÉE



MISE EN GARDE :

IL EST INTERDIT DE MODIFIER, D'ALTÉRER OU D'APPORTER DES CHANGEMENTS À CET APPAREIL DE QUELQUE MANIÈRE QUE CE SOIT SANS AUTORISATION. TOUTE MODIFICATION NON AUTORISÉE PEUT ANNULER L'AUTORISATION D'UTILISATION ACCORDÉE ET ANNULERA LA GARANTIE.

RADIO FREQUENCY INTERFERENCE STATEMENTS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause interference, and
- 2) This device must accept any interference, including interference that may cause undesired operation of this device.

RADIO FREQUENCY INTERFERENCE STATEMENTS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

DÉCLARATION SUR LES INTERFÉRENCES DES FRÉQUENCES RADIO

Cet appareil contient des émetteurs / récepteurs exemptés de licence qui sont conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes:

- 1) Cet appareil ne doit pas provoquer d'interférences.
- 2) Cet appareil doit accepter toute interférence, y compris les interférences pouvant entraîner un fonctionnement indésirable de l'appareil.



For more information:

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