

Installation Instructions

NP2

For Semi Trucks

16-0194-001 Rev A 9/23

TransCore's NP2 is a multiprotocol 915 MHz RFID tag designed for mounting to a vehicle's interior windshield. It is ideal for high-speed, high-reliability applications.



General Instructions and Guidelines

Proper Handling Prior to Installation

Prior to installation by the end user, NP2 should be stored in the shielded bags and/or packaging provided by TransCore. Failure to properly store tags will result in shortened battery life.

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 tag provider 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 NP2 tag is designed for mounting to a vehicle's interior windshield surface. It may be equipped with 3M™ Dual Lock™, hook-and-loop, or double-sided tape strips.

Required Supplies

- NP2 transponder
- Commercial glass cleaner and paper towels

Mounting Locations

NP2 should be mounted on the interior windshield, with the longest side parallel to the bottom of the windshield (Figure 1). Other tags should be kept at least 3 inches away from the NP2. The area on the dashboard beneath the NP2 must be kept clear of paperwork and metallic items.

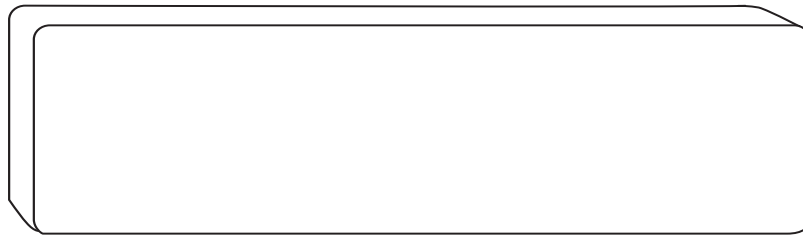


Figure 1 – Correct Tag Orientation

1. If the vehicle has a one-piece windshield, the NP2 should be mounted as close to the bottom center of the windshield as possible; at least 3 inches away from the windshield frame or dashboard, and above the windshield wipers (Figure 2).

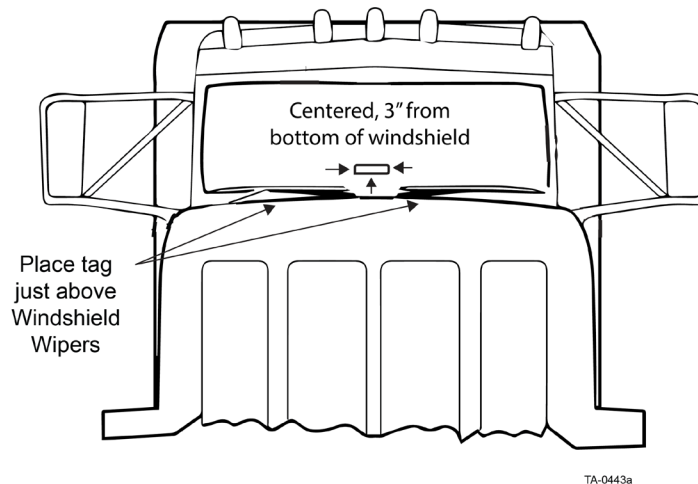


Figure 2 – Placement on one-piece windshield

- If the vehicle has a two piece windshield, the NP2 should be mounted on the passenger side, 3 inches away from the center dividing bar, above the windshield wipers and 4 inches above the bottom of the windshield (Figure 3).

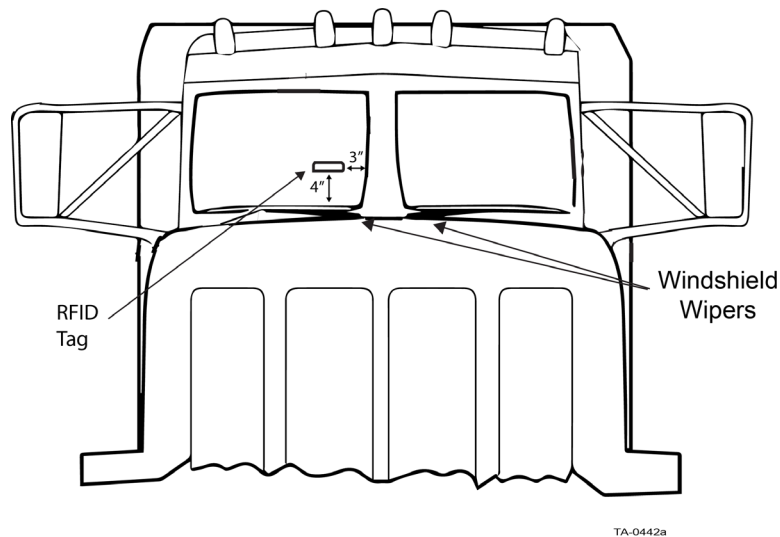


Figure 3 – Placement on two-piece windshield

Installation

- Peel the backing from the mounting strips to expose adhesive (Figure 4). 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.

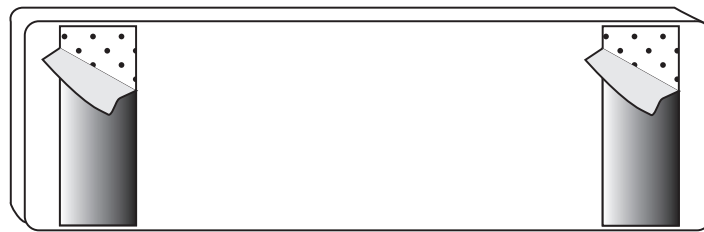


Figure 4 – Peel backing from mounting strips to expose adhesive

2. Hold the tag so that the printed text or image is right side up and facing toward you. Press the tag firmly against the windshield and hold for 10 seconds.

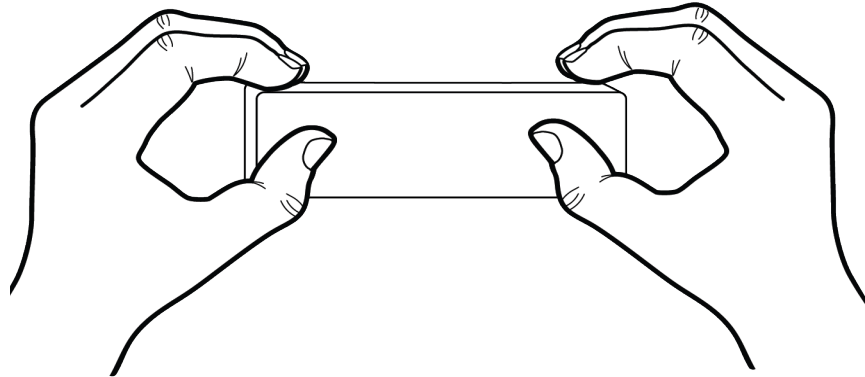


Figure 5 – Press firmly against windshield

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.

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 complies with Industry Canada's licence-exempt RSSs. 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.

DÉCLARATION SUR LES INTERFÉRENCES DES FRÉQUENCES RADIO

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) L'appareil ne doit pas produire de brouillage, et
- 2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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