![SkyBitz logo]

CMANRAP027 GXT5002C Sheet and Post Nose Trailer Installation Guide

GXT5002C Kit:

- GXT5002C Tracking Device
- GXT5002C External Mounting Bracket
- 8, 10-32 by 9/16 Tamper Proof Screws
- 2, Internal Brackets with VHB
- 4, 1/4-20 Lock Nuts
- 4, 5/32 inch Stainless Steel Sealing Rivets
- Activation Magnet
- Serial Number Sticker

Tools Required:

- GXT5002C Installation Template
- Power Drill, 9/32 and 5/32 Inch Bits
- 2.25 Inch Diameter BI-Metal Hole Saw
- Power Saw for Removal of Inside Wall Liner Material
- Rivet Tool for 5/32 Inch Stainless Steel Rivets
- 5/32 Inch Pin in Hex Tamper Proof Screw Hand Driver
- 7/16 Inch Nut Driver
- Silicone Sealant
- 50/50 Isopropyl Alcohol/Water Solution & Clean Rags

GXT5002C Mounting Location

The GXT5002C will be mounted to front wall of the trailer about one inch down from the bottom of the top rail and centered between the wall posts nearest the trailer centerline. Please contact CustomerCare@SkyBitz.com for questions on any issues with this mounting location for the GXT5002C.

The GXT5002C install location is 1 inch down from the bottom of the trailer top rail and between the 2 center most wall posts as close to the trailer centerline as possible

1 Inch Down

Rivets showing location of 2 center most wall posts

Record Trailer ID & GXT5002C Serial Number

Begin by recording the GXT5002C serial number and the trailer ID number. Remove the serial number sticker taped to the top of the GXT5002C and affix it to the trailer paperwork. Enter this information into the SkyBitz Mobile APP or email the trailer ID and GXT5002C serial number to CustomerCare@SkyBitz.com.

GXT5002C Tracking System Sheet and Post Nose Trailer Installation

Use the GXT5002C Installation Template to mark the location of the cargo sensor portal and the four Internal Mounting Bracket stud holes per the mounting location shown above. Use a hole saw to bore a 2.25 inch hole for the cargo sensor portal. Deburr any sharp edges of the portal and clean the area around the portal with the alcohol solution and clean rags. Drill the four 9/32 inch holes for the Internal Mounting Brackets.


With the Template centered between the wall posts, mark the locations of Cargo Sensor Portal and inner mounting bracket holes

1 Inch

Wall post rivets

Use hole saw to make 2 1/4 inch Diameter Cargo Sensor Portal

Drill four 9/32 inch holes for the Inner Mounting Brackets

Clean area with alcohol solution

Deburr Portal
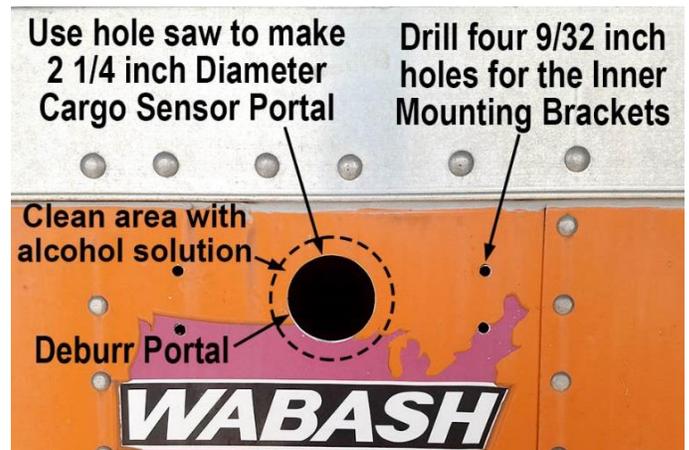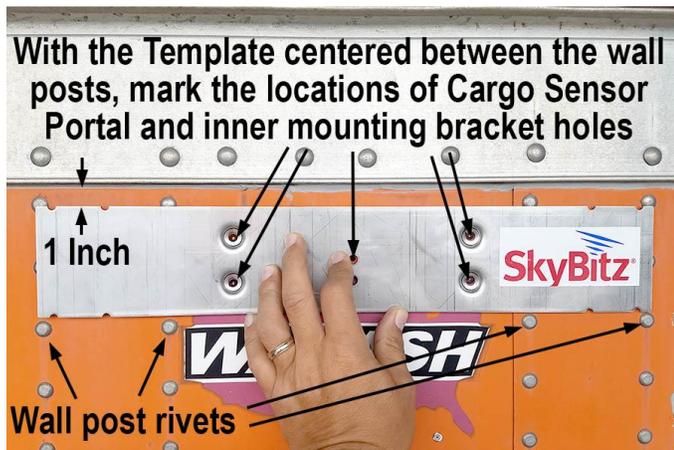
From inside the trailer, use a saw to remove any inner wall liner material that could interfere with the Cargo Sensor Performance. This includes any inner wall liner material within six inches of the top and sides of the center of the cargo sensor portal and any Inner Wall Liner material within seven inches below the center of the cargo sensor portal. Remove the VHB tape liner from the two Internal Mounting Brackets and install them into the 9/32 inch holes. Press firmly on the back of the brackets to bond the VHB tape to the trailer wall.

6 Inch Min
7 Inch Min
6 Inch Min

Remove any wall liner material to the minimum distance shown from the center of the portal

Remove VHB Tape Liner and install the 2 inner mounting brackets to the wall

Press Firmly
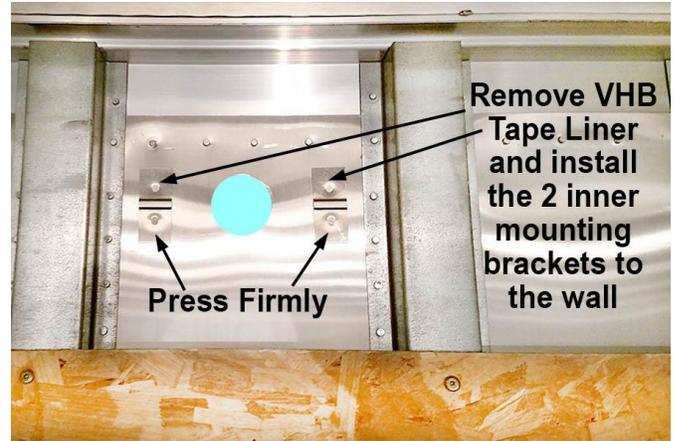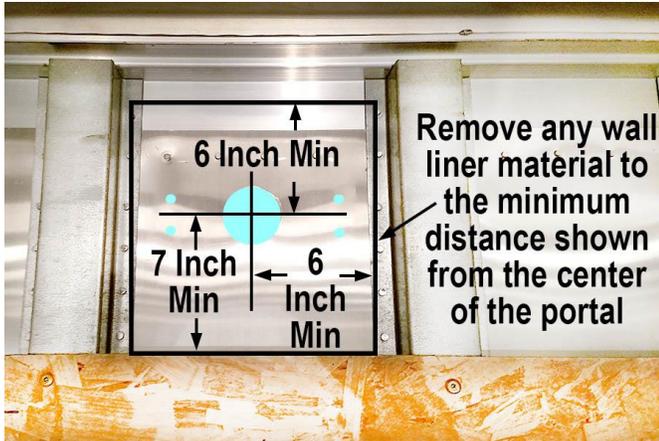
Outside the trailer, hold the External Mounting Bracket in place and determine which four of the eight rivet locations will be used. The preferred rivet set is the four outer rivets. If the four outer rivets end up within an inch of the wall post rivet centerline, then the inner rivet holes must be used. Once you have determined which four rivet holes will be used, remove the liner from the VHB donuts on those four rivet hole locations. Remove the VHB liner from the four Inner Mounting Bracket holes as well. Apply a continuous bead of silicone sealant to the circular foam gasket on the GXT5002C External Mounting Bracket.

Use the 4 outer rivet locations unless they are within 1 inch of the wall post rivets as shown here, then the inner rivet locations must be used

Outer Bracket Rivets   Use Inner Bracket Rivets

WABASH NATIONAL

Post rivets within 1 inch of outer bracket rivets

Remove VHB Tape Liner from 4 rivet locations
Remove VHB liner from 4 inner bracket holes

Apply Sealant to the gasket
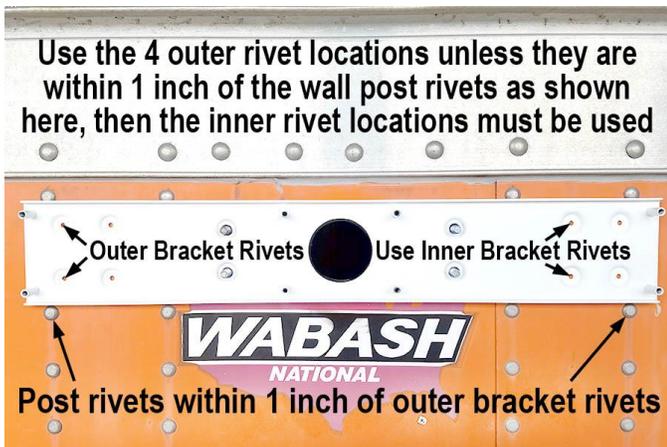
Align the External Mounting Bracket with the four Internal Mounting Bracket studs and secure the bracket to the trailer with the four 1/4-20 lock nuts. Use a 5/32 inch drill bit to match drill the four chosen rivet locations. Install the 5/32 inch rivets into the four rivet locations. Completely remove any excess silicone sealant from around the cargo sensor portal, inside the trailer as well as on the surface of the External mounting bracket. Use the alcohol solution and clean rags to remove any remaining sealant from the outlined area of the External Mounting Bracket surface as shown.

Install the four 5/32 inch sealing rivets
Secure bracket with four 1/4-20 lock nuts

WABASH NATIONAL

Remove excess sealant and clean the outlined area with the alcohol solution
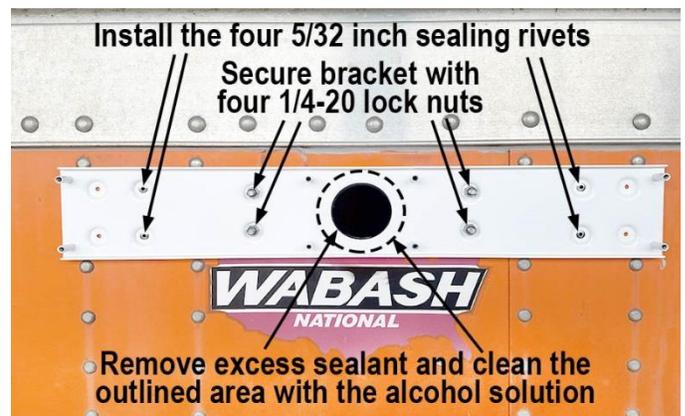
Verify the foam gasket on the bottom of the GXT5002C is sound and clean of any debris. Orient the GXT5002C as shown with the 4 LED's toward the bottom. Align the 8 GXT5002C mounting holes with the 8 standoffs on the External Mounting Bracket and press the GXT5002C onto the Bracket.

DO NOT APPLY SEALANT TO THE FOAM GASKET ON THE GXT5002C!

Using a hand driver, secure the GXT5002C in place with the 10/32 screws starting with the 4 in the center. Tighten them in a cross pattern, alternating diagonally, 2 to 3 turns at a time for each screw, until the screws are tight and the bottom of the GXT5002C is flush against the bracket. Install the remaining 4, 10/32 screws into the outer holes until tight and the bottom of the GXT5002C is flush against the bracket.

DO NOT USE A POWER DRIVER AS THIS CAN CAUSE THE SCREWS TO SEIZE!

Orient the GXT5002C as shown and fasten it to the external bracket with the 10-32 screws starting with the 4 center screws.

Alternate tightening the screws in the pattern shown, turning each screw 2 to 3 turns at a time, until all 4 center screws are tight.

Install the 4 outer screws after tightening the 4 inner screws

GXT5002C Activation

The GXT5002C must be outdoors for the activation process. Hold the activation magnet on the GXT5002C where indicated by the horseshoe symbol. Verify the LED's begin to blink and continue holding the magnet in place for at least 15 seconds until the green Activation Status LED begins to blink once a second. Within 10 minutes the activation status LED will turn solid green indicating the activation is complete. Use the SkyBitz installation APP to complete the activation process or to verify the activation contact SkyBitz Customer Care at 1-866-875-9248.

Green Activation Status LED

Hold magnet here for Activation

The GXT5002C is a SkyBitz GPS tracking device used to determine the location as well as the loaded status of a trailer. It communicates via cellular technology and has a wireless interface capability for connectivity to other SkyBitz wireless devices.

NOTICE:

This device complies with Part 15 of the FCC Rules and with Industry Canada license - exempt RSS standard(s).

Operation is subject to the following two conditions:

> *(1) This device may not cause harmful interference, and*

> *(2) this device must accept any interference received, including interference that may cause undesired operation.*

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'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

NOTICE:

Changes or modifications made to this equipment not expressly approved by SkyBitz may void the FCC authorization to operate this equipment.