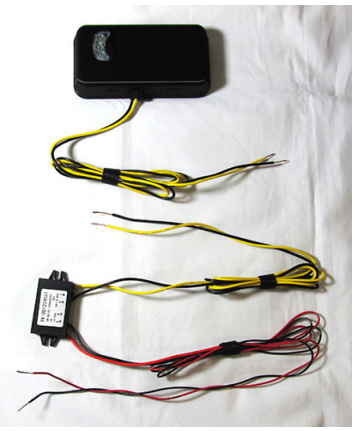
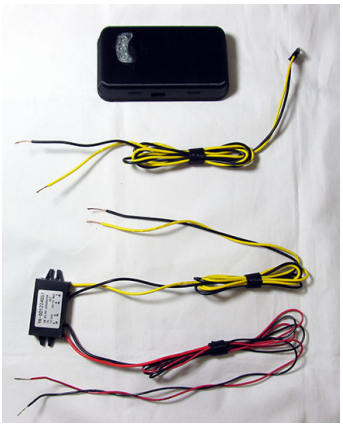
GoAnywhere Pass™
RUNNER
Installation Instructions

16-0092-001 Rev A 06/17

The GoAnywhere Pass Runner is an interior-mounted transponder that is powered directly from the vehicle through a wire harness assembly connected to switched power at the vehicle's fuse panel. This product is available in a hard-wired model or with a connector cable.



Hard-wired



Connector Cable

Transponder Instructions and Guidelines

Metallized Windshield

Some vehicle windshields contain a metallic treatment that could prevent an interior windshield-mounted device from working correctly. If you have a vehicle with a metalized windshield, contact your local customer service center for more information.

Windshield Band

Some windshields have a solid or dotted black frit band around the edges of the windshield (Figure 1). The frit band protects the windshield mounting materials from the sun and ultra-violet rays. The Runner transponder may be placed behind this band if necessary without affecting performance.

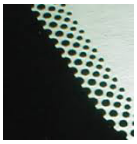


Figure 1 – Windshield Frit Band

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Runner Transponder Installation

Required Supplies

- Runner Transponder
- Commercial glass cleaner and paper towels

Determine Transponder Location

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

1. If the vehicle has a one-piece windshield, the Runner transponder should be centered on the windshield, 3 inches above the dashboard (Figure 2).

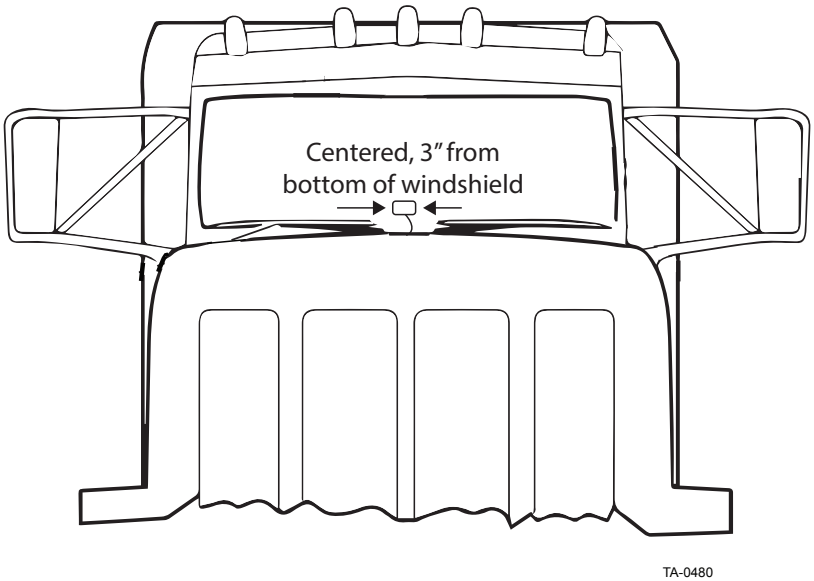


Figure 2 – Placement of Runner on one-piece windshield

2. If the vehicle has a two piece windshield, the Runner transponder should be mounted on the passenger side, 3 inches away from the center dividing bar and 4 inches above the dashboard (Figure 3).

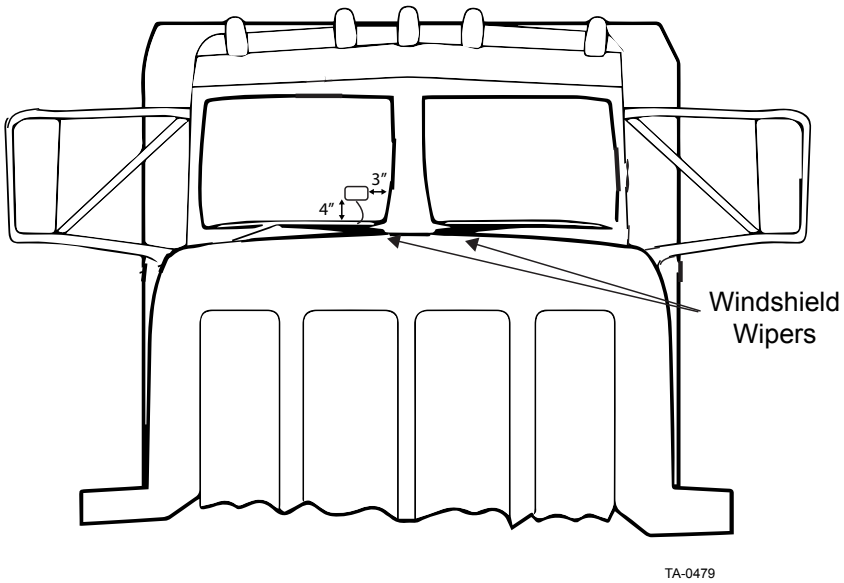


Figure 3 – Placement of Runner on two-piece windshield

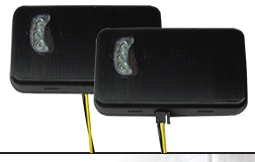
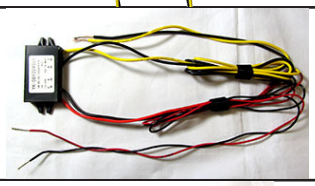
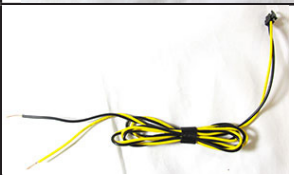
3. Clean and dry the interior windshield surface completely. The windshield temperature must be at least 68°F (20°C) for optimum bonding.
4. Peel the backing off of the transponder to expose adhesive. Apply the Runner transponder to the windshield using moderate pressure.

Note: Installation is semi-permanent and the transponder cannot be moved once it is in place

Standard Wiring Instructions

Runner is powered directly from the vehicle through a power harness assembly connected to switched power at the vehicle's fuse panel. To complete the installation of the Runner transponder, be sure that you have the parts listed in Table 1.

Table 1 – Parts List

Runner Transponder, hard-wired or with connector	
Runner Power Harness	
Power Cable with Connector (Optional)	
Fuse Taps	
Quick Disconnects for 20 AWG wire	
Ring Terminals for 20 AWG wire	
Zip Ties	
Wire Nuts for 20 AWG wire	

You may also need these tools in order to complete the installation:

- **Needle nose pliers**
- **Screwdriver set**
- **Socket set**
- **Voltage meter**
- **Wire crimper**
- **Wire snips**
- **Wire strippers**

Assemble the Power Cable and Harness

Note: Connection to the power harness assembly will be located underneath the dashboard of your vehicle.

1. Run the Runner power cable through the gap between the bottom of the windshield and the dashboard assembly (Figure 4).

Note: If you are using the optional Connectorized Power Cable, connect the cable to the Runner transponder before beginning Step 2.

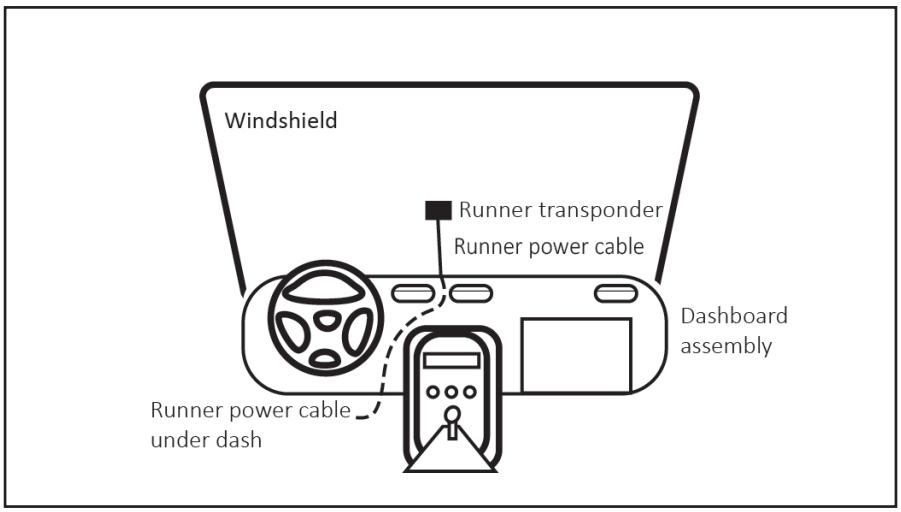


Figure 4 – Run power cable behind the dashboard assembly

2. Connect the Runner power cable to the Runner power harness. Use wire nuts and match black wires to black wires and yellow wires to yellow wires (Figure 5).

CAUTION

Caution:

Do not power the Runner transponder directly from 12/24 ADC. You must use the power harness assembly.

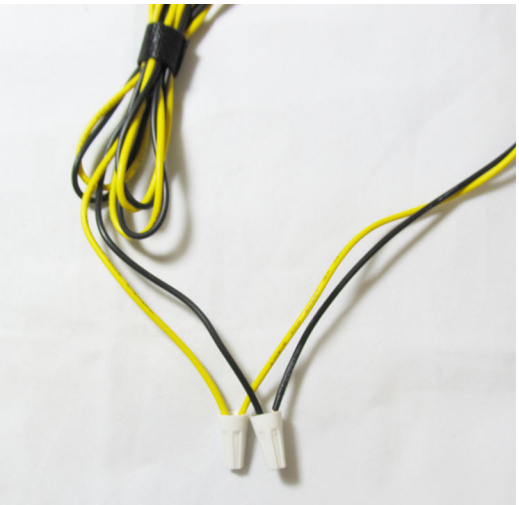


Figure 5 – Connect Runner cable to harness assembly

Connect Cable to Vehicle Power

1. Locat a fuse (max. 25 Amp) in the fuse panel that has voltage present ONLY when the ignition switch is in the run/on position.
2. Remove the fuse. Using a voltage meter, determine which side of the fuse receptacle DOES NOT have power when the ignitition switch is in the run/on position.
3. Attach the Red/Continuous power wire using a fuse tap and a quick disconnect of the appropriate size, depending on fuse (Figure 6).

CAUTION: Do NOT place fuse taps on hot side of fuse.

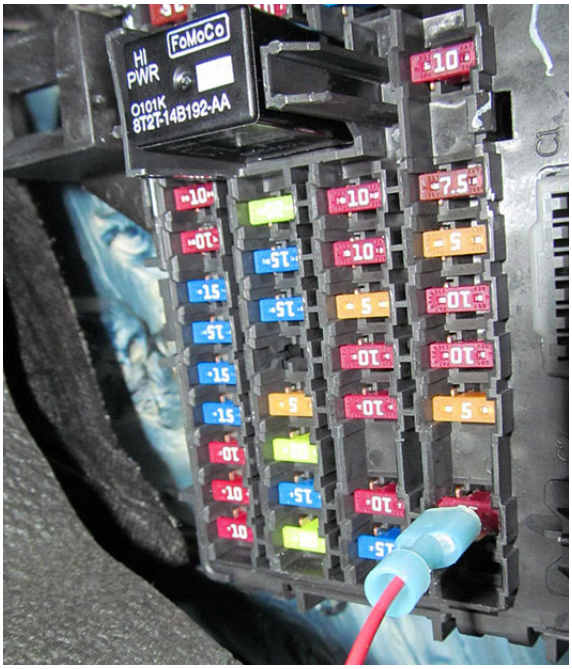


Figure 6 – Fuse tap with quick disconnect

4. Place fuse back into panel where it was removed. Make sure the fuse tap is on the side of fuse receptacle that DOES NOT have power when the ignition switch is in the run/on position.
5. Locate a ground attachment point. Find a bolt or nut that is attached to bare metal.
6. Secure the Black/Ground wire using the appropriate size ring terminal.
7. Zip ties may be used as needed to manage extra slack in the wiring assembly.

Audio/Visual Signals

Your Runner is equipped with audio/visual signals that will alert you about certain conditions relevant to your tag. Refer to Table 2 for a list of audio and visual signals.

Table 2 – Runner Audio/Visual Signals

Notification	Indication	Audio/Visual Signals	
Ready to Go	Indicates tag is ready for operation	x 4	Four quick beeps accompanied by visual signals
			LEDs flash once in sequence, once together
Title 21 Acknowledge (T21 Protocol Only)	Indicates a successful transaction Ocurs as the vehicle passes through a Title-21 toll installation	x 2	Two short beeps accompanied by visual signals
			LED flashes 5 times
Weigh Station Bypass (ASTM V6 Protocol Only)	Indicates that driver may bypass the weigh station Occurs just prior to a weigh station off-ramp	x 9	Nine 2-second beeps, accompanied by visual signals
			LED stays constant for 6 seconds, then displays 2 two short flashes at 3 second intervals for 15 seconds. The LED flashes every 10 seconds for 15 minutes
Weigh Station Pull-in (ASTM V6 Protocol Only	Indicates that the driver must pull into the weigh station Occurs just prior to a weigh station off-ramp	x 18	Eighteen half-second beeps, accompanied by visual signals
			LED stays constant for 6 seconds, then displays 2 two short flashes at 3 second intervals for 15 seconds. The LED flashes every 10 seconds for 15 minutes

NO UNAUTHORIZED MODIFICATIONS STATEMENT

Caution: *This equipment may not be modified, altered, or changed in any way without permission from TransCore, LP. Unauthorized modification may void the equipment authorization from the FCC and will void the TransCore warranty.*

RADIO FREQUENCY INTERFERENCE STATEMENTS

Note: *This device complies with Part 15 of the FCC Rules and the Industry Canada Licence-Exempt RSS Standards. 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.

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

For more information:

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