

T02-00025-1001 GPS Receiver Installation Instructions

The T02-00025-1001 GPS receiver is a high performance, 66-channel GPS receiver that operates at a frequency of 1575.42MHz (± 10 MHz).

The GPS receiver is designed for installation inside a vehicle. It is supplied with a square of industrial standard 3M double-sided tape, and a connector cable.



The cable connects to the auxiliary connector of a TM8000 or TM9000 mobile radio.

The GPS receiver can be installed on the windscreen behind the rearview mirror, on the dashboard at the front of the vehicle, or on the parcel tray at the rear of the vehicle.

Alert Symbols and Message Conventions

Please follow exactly any instruction that appears in the text as an ‘alert.’ An alert provides necessary safety information as well as instruction in the proper use of the product.

This document uses the following types of alert:



Warning This alert is used when there is a hazardous situation which, if not avoided, could result in serious injury.


Notice This alert is used to highlight information that is required to ensure procedures are performed correctly. Incorrectly performed procedures could result in equipment damage or malfunction.




This icon is used to draw attention to information that may improve understanding of the equipment or procedure.

Safe Installation and Operation of the GPS Receiver

Before installation or use, carefully read all instructions in this section for correct and safe installation and operation. After reading, keep this document handy for future reference.

 **Warning** Incorrect installation of the GPS receiver may result in serious injury. The GPS receiver could break loose due to the extreme forces applied during a collision or braking. Regularly check that the GPS receiver is secure.


 **Warning** Install the GPS receiver where it will not interfere with the deployment of airbags, the vehicle operator controls, and the vehicle operator's view.


Notice Where extreme surface temperatures are expected (in excess of 100°C), a non-metallic cover should be used to protect the receiver (not supplied).

Notice When installing the GPS receiver, ensure cables are protected from engine heat, sharp edges, and from being pinched or crushed. Use appropriate cable grommets where necessary.

Installation

- 1 Drill any holes required for cables and install suitable fasteners in the holes.
- 2 Run the connector cable to the radio and plug it into the 15-way auxiliary connector.

 The GPS receiver may still function if positioned away from a vehicle window, but its accuracy will be poor. For optimal performance, position the GPS receiver so that it is exposed to the sky.

 Some windscreens contain metal that reduces satellite signal strength. The area behind the rearview mirror is not usually metallized, so it may be a good place to install the GPS receiver.

- 3 Attach the supplied 3M double-sided tape to the base of the receiver, then attach the receiver to the chosen surface.
- 4 Tie up any unused or loose cables.

Programming Radios

For information about programming the radio for use with the GPS receiver, refer to the Help of the programming application. For information on GPS and AVL (automatic vehicle location) applications, contact your Tait radio provider.

More Information

Refer to your Tait radio provider for more information about this product.