



RALLY SAFETY SYSTEM

QUICK SELF - INSTALLATION MANUAL (CARS)

**FOLLOW THE INFORMATION BELOW ON HOW
TO INSTALL THE SYSTEM BEFORE GOING TO SCRUTINEERING**

Version released on 07.12.2023

STEP 1 – GET FAMILIAR WITH THE SYSTEM COMPONENTS



NOTE: If needed we can provide an additional extension cable to place the radio antenna on a better position. There are two types of cables:

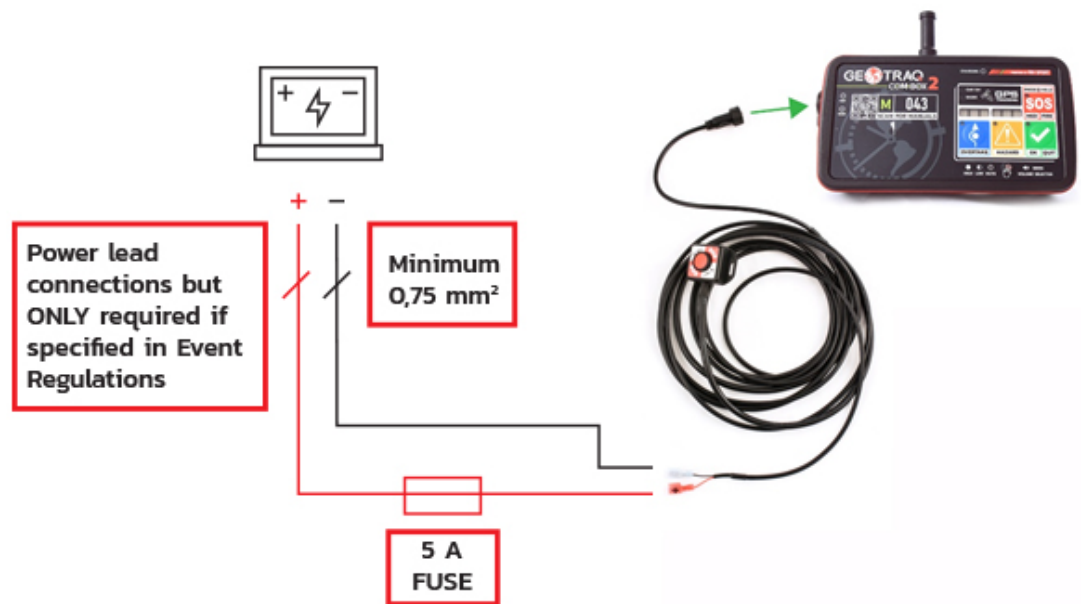
- cable only for charging
- cable for charging with remote SOS button

- **IMPORTANT! NO CUTTING OF CABLES, MODIFICATION OF CONNECTORS OR OTHER INTERFERENCE IN THE SYSTEM COMPONENTS IS ALLOWED! ANY DAMAGE TO THE EQUIPMENT MUST BE PAID ACCORDING TO THE GEOTRAQ PARTS LIST!**

STEP 2 – IF SPECIFIED IN THE EVENT REGULATIONS OR FOR A 3+ DAY EVENT, YOU WILL HAVE TO SUPPLY LEAD POWER CABLE FROM THE BATTERY TO THE DASH BOARD AND INSTALL INSULATED 6.3 mm FEMALE SPADE-TYPE CRIMP TERMINALS (ONLY THOSE SUPPLIED BY THE ORGANISATION)

- **IMPORTANT! THE BATTERY MASTER CUT-OFF (KILL) SWITCH MUST NOT DISCONNECT THE POWER SUPPLY FOR THE RALLY SAFETY SYSTEM.**
- It is the responsibility of the competitors alone to provide, **DIRECT POWER SUPPLY** from the vehicle's battery according to the drawings provided.
- The power cables **MUST** be "flexible" (multi wire), insulated cables – 2 x **min 0.75** to 1.25 mm² (**WITH RED** for positive (+) wire and **BLACK** for negative (-) wire insulation color).
- The connection **MUST** have an **IN-LINE FUSE** - "BLADE TYPE" of 5A.

STEP 3 – MOUNTING THE SYSTEM - OVERVIEW



Overview of the system connections.

You will receive two 6,3 mm female quick plug terminals for the power connection.

- **IMPORTANT! USE ONLY THE PROVIDED QUICK PLUG TERMINALS! DO NOT USE YOUR OWN!**
- **IMPORTANT! USE PROPER TOOLS TO CRIMP THEM!**



The “Com-box” must be mounted in such way, to enable the co-driver to be able to reach the SOS button from their seat with seatbelts on. The “Remote SOS Button” should be mounted in the middle, so the driver can reach it.

- **IMPORTANT! THE ANTENNA NEEDS AT LEAST 55mm ON ALL SIDES TO WORK PROPERLY! MAKE SURE NOT TO PLACE IT RIGHT NEXT TO OTHER METAL COMPONENTS!**

STEP 4 – CHECK THE STATUS OF THE RALLY SAFETY SYSTEM.

- First, make sure the antenna is connected (optional extension cable and antenna)
USE ONLY YOUR HAND. DO NOT OVERTIGHTEN THE ANTENNA OR CABLE CONNECTORS.
- Finally check the connection of the 2 power terminals (positive and negative), (ONLY required if power lead is fitted)

- **IMPORTANT! WHEN CONNECTING THE POWER TERMINAL MAKE SURE YOU HAVE THE PROPER POLARITY – RED is POSITIVE, BLACK is NEGATIVE!**
- **IMPORTANT! IF ALL THE COMPONENTS ARE CONNECTED PROPERLY, THE COM-BOX UNIT WILL DISPLAY A “GREEN STATUS” ON THE BATTERY ICON AND “BLUE/GREEN STATUS” ON THE RADIO ICON**

- The radio status LED is GREEN when device is in rally mode, and BLUE, when in SLEEP MODE.

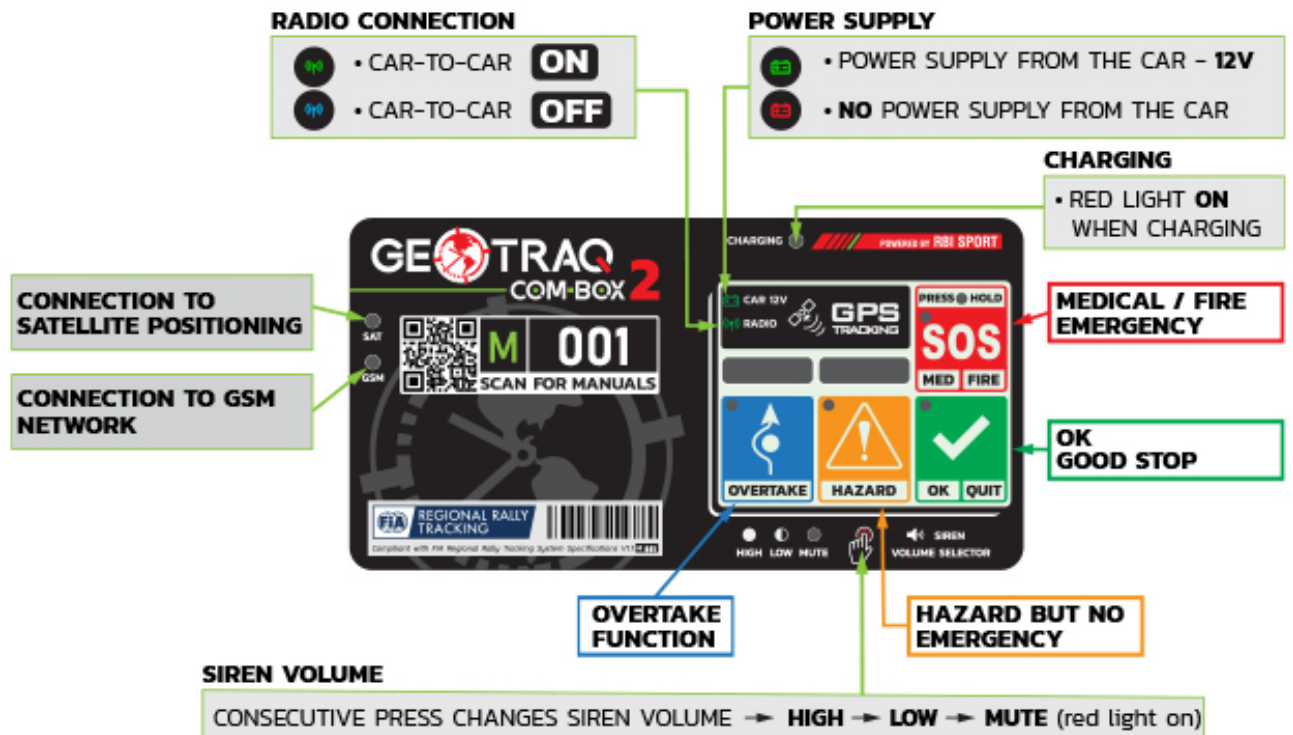


STEP 5 – FINAL INSPECTION AT SCRUTINEERING

- Install the cables loosely using only a few cable ties and in such a way that they can be clearly checked at scrutineering.
- Only **after** you receive **APPROVAL** from the Scrutineer and/or the GPS Technician, you can fully fasten the cables onto the vehicle using cable ties. **DO NOT** overuse cable ties!
- **DO NOT USE INSULATING OR ANY OTHER TAPE TO GROUP THE CABLES.**

- **IMPORTANT! DO NOT PLACE THE CABLES FOR THE SYSTEM IN DIFFICULT OR HIDDEN PLACES (INSIDE THE DASHBOARD OR HARD TO REACH LOCATIONS). THE INSTALLATION WILL BE CHECKED TO ENSURE THE SYSTEM AND ADDITIONAL COMPONENTS ARE PROPERLY INSTALLED AND OPERATIONAL AT SCRUTINEERING AND IF REQUIRED, YOU WILL NEED TO REROUTE THE WIRING.**

Quick overview



WATCH THE VIDEO OF HOW TO USE THE SYSTEM

- On the following link, you can learn how to operate with the Com-Box:

<https://www.youtube.com/watch?v=6hSXuu6DcyE>



RETURNING THE SYSTEM

When it's time for you to take out the system from your vehicle you **MUST** do this in the following order:

- If the system is connected to a cable from the battery of the vehicle, first disconnect the negative (-) wire, then disconnect the positive (+) wire at the female quick connect terminals.
- Second, disconnect the remote SOS cable from the side of the COM-BOX
- Third, remove the COM-BOX from the mount.
- Fourth, removed the mount, remote SOS cable and COM-BOX from the vehicle.
- Clean all components and return it to the Geotraq tracker return point.

- **IMPORTANT! WHEN YOU RETURN THE SYSTEM TO THE GEOTRAQ TEAM, YOUR EQUIPMENT WILL BE CHECKED FOR DAMAGE & DEFECTS AND IF FOUND – YOU WILL BE REQUIRED TO PAY FOR THE DAMAGE TO THE EQUIPMENT ACCORDING TO THE GEOTRAQ PARTS LIST!**