



RALLY SAFETY SYSTEM

SELF-INSTALLATION MANUAL FOR CARS

FOLLOW THE INSTRUCTIONS AND INSTALL THE SYSTEM CORRECTLY

BEFORE PRESENTING THE CAR AT SCRUTINEERING

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STEP 1 - SYSTEM COMPONENTS



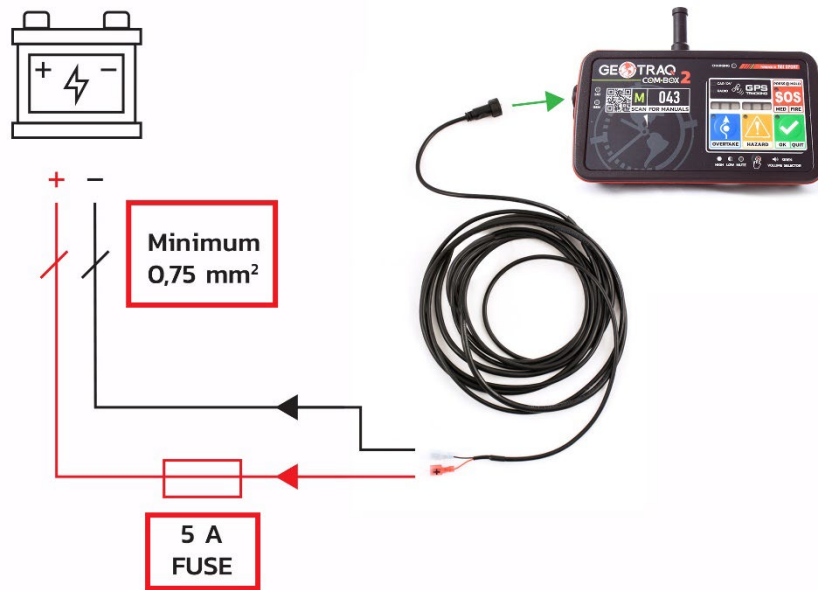
- **IMPORTANT! NO CUTTING OF CABLES, MODIFICATION OF CONNECTORS OR OTHER INTERFERENCE IN THE SYSTEM COMPONENTS IS ALLOWED. ANY DAMAGE TO THE EQUIPMENT MUST BE PAID ACCORDING TO THE GEOTRAQ PARTS LIST.**

STEP 2 – LEAD POWER CABLE FROM THE BATTERY TO THE DASH BOARD AND INSTALL INSULATED 6,3 mm FEMALE SPADE-TYPE CRIMP TERMINALS

- **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.

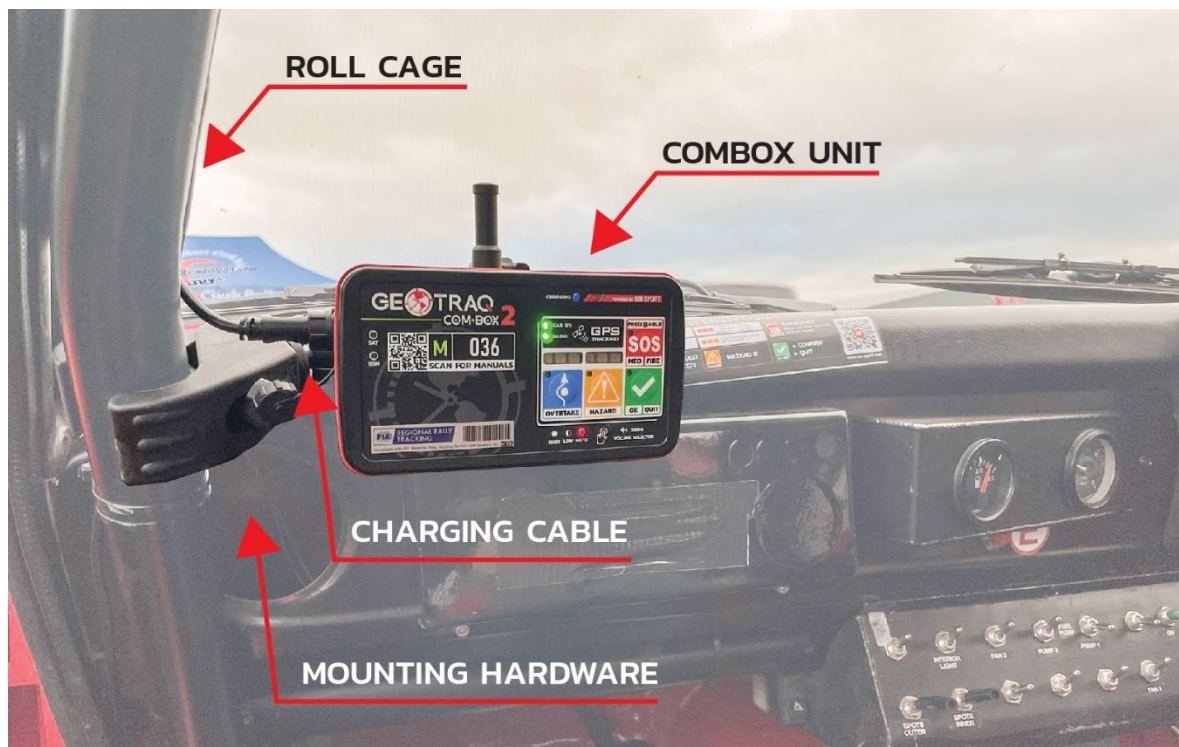
- **IMPORTANT! THE DEVICE IS MUST WORK WITH 12V BATTERY VOLTAGE. DO NOT CONNECT IT TO 24V BATTERY!**

STEP 3 – MOUNTING THE SYSTEM - OVERVIEW



Note: Two 6,3 mm female spade-type crimp terminals for the power connection will be provided together with the system components.

- IMPORTANT! USE ONLY THE PROVIDED POWER CONNECTION TERMINALS
- IMPORTANT! USE PROPER TOOLS FOR CRIMPING



- COM BOX 2 must be mounted to the A-pillar of the roll cage slightly above the top of the dashboard. This position guarantees optimal conditions communication and operation.
- IMPORTANT! THE ANTENNA NEEDS AT LEAST 55mm ON ALL SIDES TO WORK PROPERLY. MAKE SURE NOT TO PLACE IT RIGHT NEXT TO OTHER METAL PARTS

STEP 4 – CHECK CONNECTIONS AND STATUS

- First, make sure the antenna is installed.
USE ONLY YOUR HAND to tighten it. **DO NOT OVERTIGHT WITH FORCE** the antenna or the power cable connector.
- Finally check the connection of both power terminals (positive and negative)

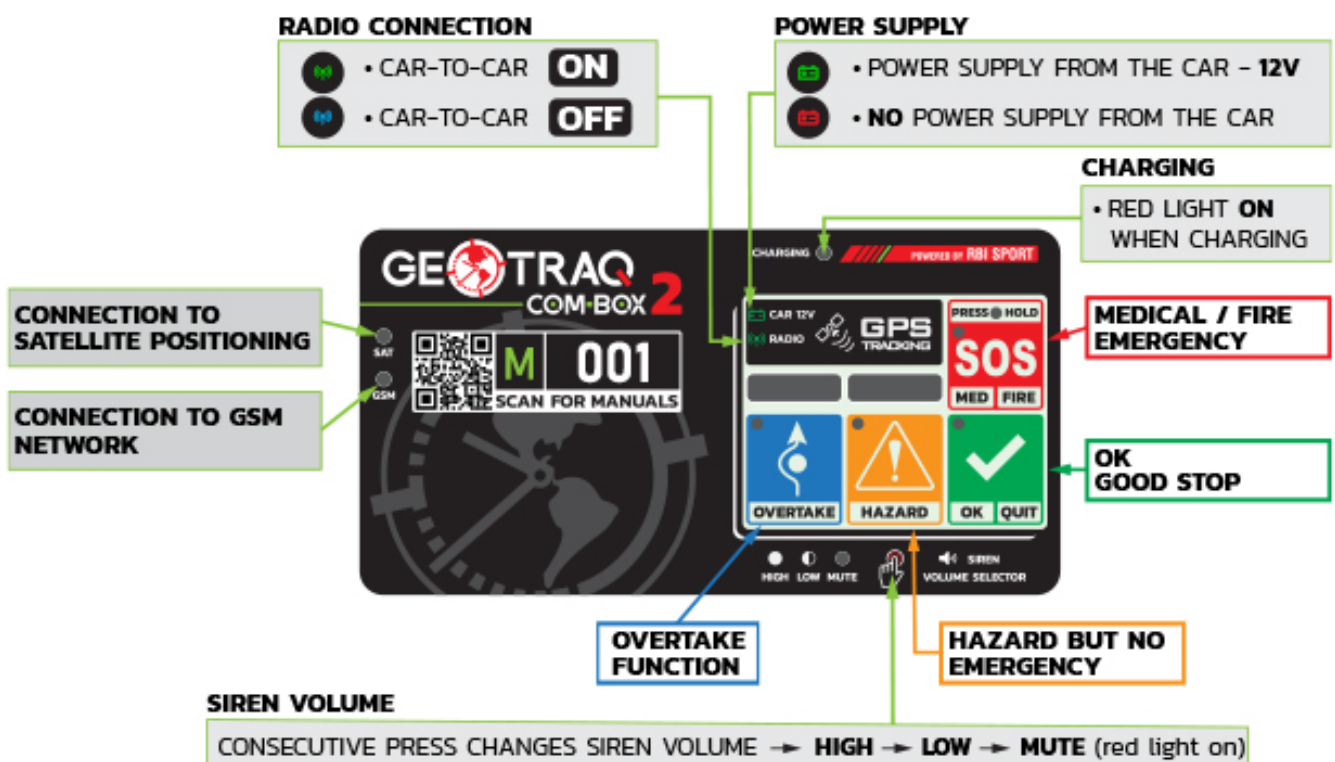
- IMPORTANT! WHEN CONNECTING THE POWER TERMINAL MAKE SURE YOU HAVE THE PROPER POLARITY – RED is POSITIVE, BLACK is NEGATIVE!**
- IMPORTANT! IF ALL THE COMPONENTS ARE CONNECTED PROPERLY, THE COM-BOX UNIT WILL DISPLAY A “GREEN STATUS” ON THE BATTERY ICON AND “BLUE/GREEN STATUS” on the RADIO ICON**

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. AT SCRUTINEERING THE INSTALLATION WILL BE CHECKED TO ENSURE THE SYSTEM IS PROPERLY INSTALLED AND OPERATIONAL AND, IF REQUIRED, YOU WILL NEED TO REROUTE THE WIRING.**

STEP 6 – QUICK FUNCTION DESCRIPTION



STEP 7 - WATCH THE VIDEO OF HOW TO USE THE SYSTEM

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

<https://youtu.be/RgVQj6FvqMw>



STEP 8 - 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:

1. Disconnect the negative (-) wire, then disconnect the positive (+) wire from the cable from your vehicle's battery at the female spade-type terminals.
2. Disconnect the charging cable from the COM-BOX 2.
3. Carefully remove all cables ties and lead the charging cable out. Make sure you don't damage the cable and the connectors.
4. Remove the mounting hardware from the roll cage together with the Com Box. Make sure ALL parts of the mounting are removed from the vehicle and the hardware is complete.
5. Clean the Com Box and return it to the GPS desk.

- IMPORTANT! WHEN YOU RETURN THE SYSTEM TO THE GPS DESK, 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.**