

SAFETY TRACKING SYSTEM

Dear Friends,

We are happy to inform you that for the 2020 INRC, all rally vehicles during an event will be tracked by TEQTO (TrackRace) for safety of the competitors.

While the cost for the entire system etc. is borne by the FMSCI, the competitors need to purchase the Fitting Kit (one time purchase per season) @Rs.1770/= (including GST of 18%) from TEQTO. Contact Mr.Vinod Kumar N @ 7259465110.

Apart from the above, a security deposit of Rs.5000/= (Rupees Five Thousand Only) either by way of bank transfer or cash to be paid to TEQTO for the data logger. If paid by cash, the deposit would be returned immediately at the time of handing over the data logger without any damage. If paid by bank transfer, TEQTO would transfer it back to the competitor within 2 working days of handing over the data logger without any damage.

Please find attached the TrackRace Installation Manual.

Please note that these needs to be fitted before the Pre-Event Scrutiny and the vehicle must be presented for Scrutiny with these installed.

Bank Details

Account Name: Teqto Technologies LLP

Account No : 035705003828

Bank : ICICI Bank, HSR Layout

IFSC : ICIC0000357

Wish you all a very safe rallying season.

Member of



TrackRace Safety Tracking

About the System

TrackRace is a vehicle communication system that automatically transmits warnings and vehicle status data from car to Race Control as quickly as possible

The use of TrackRace for these events is based on their use of a reliable GSM network and GPS satellite network, the system's ability to relay status and location through efficiently.

Installation of the System

There is a detailed installation guide attached, here are some KEY items you should be aware of.

Installation Kit: The car installation kit has to be purchased one time by the competitor for the INRC season by contacting the TrackRace team. You will receive a kit that consists of the wiring loom, Console kit with buttons for SOS, OK and yellow flag. This needs to be installed in the car well in advance. The units provide screw mounting holes to mount if you want to prepare your car ahead of time and use a better mounting location.

FULL TIME Power: The units need to run full time power, not switched power. The power lead for the unit is about two metre long.

Unit Placement: The ideal location for the unit is in the centre of the car. **It is crucial that the unit is visible to the co-driver while on stage.**

Understanding the unit

It is important to understand that TrackRace does NOT replace the normal rally procedure. You must still display an OK sign if you're OK and you must still SEE an OK sign before continuing past a car stopped on stage. When you approach a car stopped on stage or your car is stopped on stage, here are the options you will see.

S.O.S. (Red – Toggle Switch): This means the crew is **NOT OK and needs help. YOU MUST STOP.** The SOS is automatically selected in a high energy impact. **If you are the first car to stop at a SOS and confirm it is a RED CROSS situation, manually upgrade to SOS status on your unit as well.** Continue following normal procedures and send information on to the next radio point. If you are stopped in stage and require immediate assistance activate the SOS button.

Hazard (Yellow – LED with Buzzer): This means there is a Hazard on the stage ahead. **This COULD mean the stage is completely blocked** and you may have to stop. This is the default status when a car stops on stage.

OK (Green – Momentary push switch): This means you are OK and the stage is clear for following cars to continue. Press and hold upto two seconds to confirm. The OK button can be used to acknowledge when a Hazard flag is received on the console.

Collecting/Returning the Tracker Units

The tracker units should be collected from TrackRace team by paying a security deposit during documentation or before scrutiny. We will collect back the tracker units at the end of the event. Please be prepared to disconnect the power wires to the unit. The security deposit will be refunded when the unit is returned sealed and in working order.

TrackRace Car Installation Kit Instruction Manual

Disclaimer

This manual, the specifications and the material contained in it, as released by Teqto Technologies LLP and TrackRace, is for the purpose of information only. Due to continuous ongoing development; information and specifications may change at any time without notice. TrackRace and the companies that have contributed to it, shall not be liable for any use of the manual or information supplied.

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TrackRace Car Installation Kit Components

The TrackRace Car Installation Kit includes:

- TrackRace Installation and Car Installation Kit Instruction Sheet;
- 12V wiring loom with plug and inline fuse
- Console kit having SOS, Hazard and OK switches and alert buzzers.



(Contents may not be identical to the picture shown)

(The TrackRace Tracker Unit is not a part of the Car Installation Kit and will be available at documentation or scrutiny)

12 Volt Power Supply (Please read this carefully)

TrackRace requires a continual reliable power supply from 9 to 24 volts DC, for your safety and continuity of service, it is imperative that the unit is connected to an un-switched supply on the battery positive terminal or the battery positive side of the isolation switch, insure that power is supplied to the unit at all times. Do not use an ignition switched power supply. We recommend that a 5 amp (Max) blade type or similar quality fuse is used at the battery supply end of the TrackRace power lead.

0 volts or Battery negative can be picked up at any suitable earthing point providing the isolation switch does not switch the negative side of the battery.

The TrackRace unit has an internal battery that is kept charged via the cars power supply, it is only there as a reserve supply to power the unit in an accident situation where the cars power supply is interrupted. ie: car battery smashed or dislodged.

As the TrackRace unit is aware of movement and its location; it will automatically go into power save/sleep mode 15 minutes after no movement is detected, however, the unit will continue to function is when it is sending Hazard type signals while on stage. The unit will be "woken" up by pressing any button or by movement of the car.

Connection Diagram.

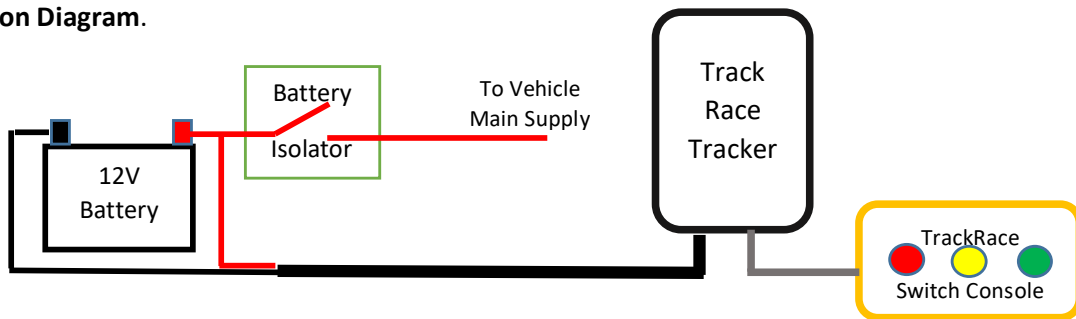
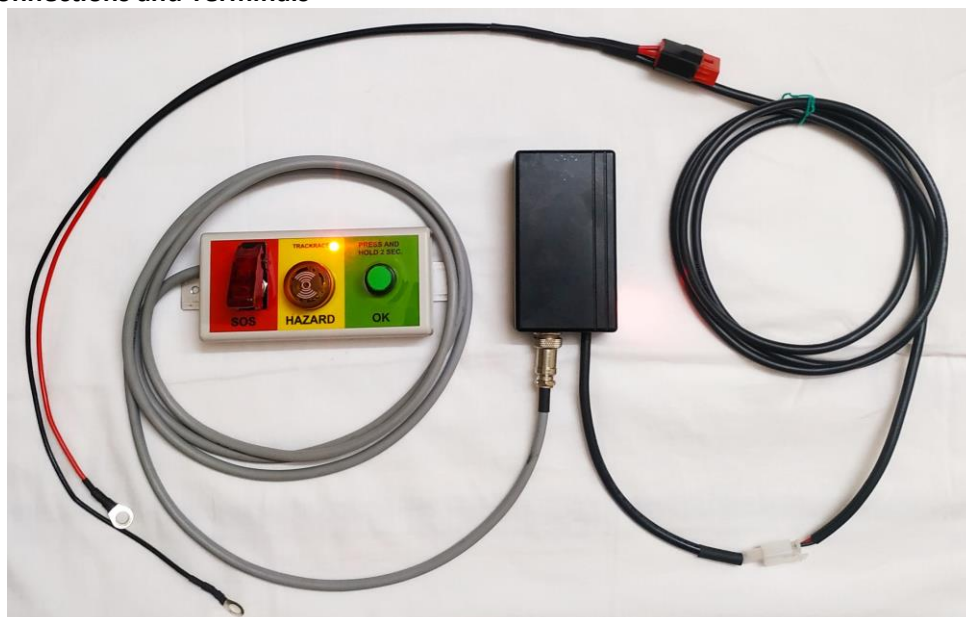


Photo of Connections and Terminals



A minimum of 100mm of TrackRace Power Supply Cable and Console cable should be left at the unit mounting location for connection to the unit.

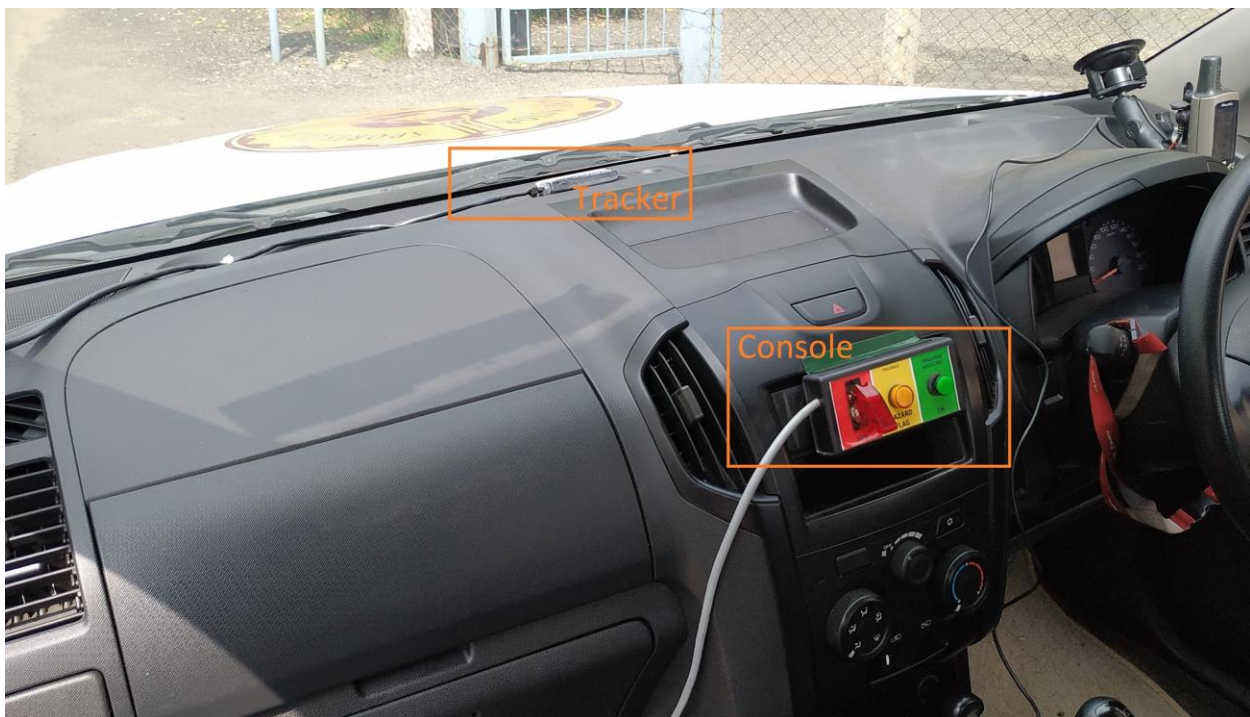
Unit Mounting

The preferred mounting method for the TrackRace Console unit is bolted through the dash (with a 3mm aluminium backing plate), in a protected central location, easily seen and accessible by both the driver and co-driver/nav. Photographs of the best mounting options and positioning are below.

An alternative mounting method for the TrackRace Console unit is on the roll cage.

The TrackRace Tracking unit should be mounted in center of the dashboard towards the windshield with wires preferably coming from the left side of the dashboard.

These photos are an example of Preferred Method, Dash Board positioning.



Good luck and safe racing from the team at TrackRace.

For Further Information



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