



**MAGYAR
TEREP-RALLYE**
ORSZÁGOS BAJNOKSÁG 2024

DESERT EXPRESS 300

22-24.03.2024



SUPPLEMENTARY REGULATION

MOTOR, QUAD



CONTENTS:

| | |
|---|----|
| INTRODUCTION | 3 |
| PROGRAMME | 3 |
| 1.DESCRPTION | 4 |
| 2.ORGANIZER | 5 |
| 3.ENTRIES | 6 |
| 4.INSURANCE | 7 |
| 5.ADVERTISING | 7 |
| 6.IDENTIFICATIONS | 7 |
| 7.TYRES | 8 |
| 8.FUEL | 8 |
| 9.ADMINISTRATIVE CHECKS | 8 |
| 10.TECHNICAL SCRUTINEERING, SEALING AND MARKING | 8 |
| 11. OTHER REGULATIONS AND PROCEDURES..... | 9 |
| 12.PROTEST AND APPEALS | 10 |
| 13.FINAL CHECKS | 10 |
| 14.RESULTS | 10 |
| 15.PRIZES | 10 |

Appendix 1_Crew Relations Officer

Appendix 2_ Instruction for the use of the GPS Tracking System

Appendix 3_GPS Installation Kit

„Desert Express 300”
is organised by **Garilla Racing Kft.** and **Garzone s.r.o**
on 22-24. 03. 2024.

The race has the following regulations, which will apply to all drivers and competitors signing the entry form:

- MAMS International Open Baja Cup regulations
- Traffic Regulations Hungary
- The present Supplementary Regulations and its appendices,
- Official bulletins

MAIN LOCATIONS:

| LOCATION | ADDRESS / GOOGLE MAP LINK |
|---|---|
| Rally HQ Administrative Check | Bugac, Táltos Panzió - https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5 |
| Servicepark Technical Scrutineering Regrouping | Bugac, Behind Táltos Panzió - https://maps.app.goo.gl/BgTqVPHrKuhVtC5w8 |
| Parc Fermé | Bugac, Kossuth str. 2. - https://maps.app.goo.gl/gfzzcmgVwi7TEr4G9 |
| Final Check | Bugac, Tűzoltó Szentár: Kada Elek str. 1. - https://maps.app.goo.gl/JU9djXM89iTsvU9f9 |
| Prize Giving Ceremony | Bugac, Táltos Panzió - https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5 |

LENGHT OF SELECTIVE SECTIONS

| | | |
|--------------|--------------|-----------|
| Stage 1: | 70,0 | km |
| Stage 2: | 255,0 | km |
| TOTAL | 325,0 | km |

Overall SS distance and total distance of the itinerary

| | |
|---------------------------------|--------|
| Number of Stages | 2 |
| Number of Sections | 5 |
| Number of Selective Sections | 5 |
| Total distance of the itinerary | 400 km |

Route terrain on Selective Sections: sandy 100%

PROGRAMME:

| | Location: | Date: | Time: |
|---|--|------------|-------------|
| Publishing of the supplementary regulations | https://www.terep-rallye.hu/2024-2/desert-express-300/ and sams-asn.sk and Sportity | 15.02.2024 | 18:00 |
| Entries open | https://www.terep-rallye.hu/2024-2/desert-express-300/ | 15.02.2024 | 18:00 |
| Closure date of entries | | 04.03.2024 | 18:00 |
| Publication date of entry list | | 14.03.2024 | 08:00 |
| Opening of Serviceparc | Behind Táltos Panzió, Bugac | 22.03.2024 | 09:00 |
| Opening of Rally Office | Táltos Panzió, Bugac | | 17:00 |
| Optional Administrative checks | | | 17:00-19:00 |

| | | | |
|---|--|------------|--------------|
| Opening of Rally Office / Press Office | | | 07:30 |
| Administrative Checks | Táltos Panzió, Bugac | | 08:00 |
| Collection of GPS nav. and tracking syst. | According to the scheduled time! | | 08:00 |
| Technical Scrutineering | Serviceparc | | 08:30-12:30 |
| Parc Fermé | Piactér, Kossuth Str.2 | | 11:30-13:00 |
| First Stewards Meeting | | | 12:30 |
| Briefing | Táltos Panzió, Bugac | | 13:00 |
| Road Book distribution | | | |
| Publication of start list | https://www.terep-rallye.hu/2024-2/desert-express-300/ and Sportity | 23.03.2024 | 13:00 |
| Start of the Rally – Leg 1 | Piactér, Kossuth Str.2, Bugac | | 13:30 |
| SS1 Start | | | 13:40 |
| Service / Regrouping | Behind Táltos Panzió, Bugac | | 14:15 |
| SS2 Start | | | 15:45 |
| Service | Behind Táltos Panzió, Bugac | | 16:30 |
| Leg 1 Finish / Parc Fermé | Piactér, Kossuth Str.2, Bugac | | 18:00 |
| Publication of start list Leg2. | https://www.terep-rallye.hu/2024-2/desert-express-300/ and Sportity | | 19:30 |
| Leg 2 Start | Piactér, Kossuth Str.2., Bugac | | 08:00 |
| SS3 Start | | | 08:15 |
| Service / Regrouping | Behind Táltos Panzió, Bugac | | 09:25 |
| SS4 Start | | | 10:45 |
| Service / Regrouping | Behind Táltos Panzió, Bugac | | 11:55 |
| SS5 Start | | 24.03.2024 | 14:45 |
| Race Finish / Parc Fermé | Piactér, Kossuth Str.2, Bugac | | 16:00 |
| Publication of Provisional Classification | | | 17:30 |
| Publication of Final Classification | Sportity | | 18:00 |
| Prize giving ceremony | Táltos Panzió, Bugac | | 18:00 |

1. DESCRIPCION

1.1 PLACE AND DATE OF THE EVENT:

„Desert Express 300” is taking place in Bugac surroundings, county Bács-Kiskun, Hungary.

1.2 TITLES FOR WHICH THE HunGarian Baja COUNTS:

MAMS International Open Baja Cup, with International Participants

1.3 VISA NR:

MAMS:

1.4 LOCATION OF BAJA OFFICE:

From 15.02.2024 GARILLA RACING KFT., H- 8200 Veszprém, Házgyári str.1.
Tel: +36-30-791-4270 / e-mail: info@garzonercing.com
web: <https://www.terep-rallye.hu/2024-2/desert-express-300/>
From 22.03.2024 Táltos Panzió, 6114 Bugac,

<https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5>

1.5 START/ FINISH:

LOCATION: Bugac, Tűzoltó Szertár: Kada Elek str. 1.
<https://maps.app.goo.gl/JU9djXM89iTsvU9f9>

1.6 PRESS OFFICE LOCATION:

LOCATION: Táltos Panzió, 6114 Bugac
<https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5>

1.7 OFFICIAL NOTICE BORD:

Digital Notice Board (DNB): [Sportity](#)



On PC: https://webapp.sportity.com/channel/DEX300_BIKES24

1.8 TECHNICAL SCRUTINEERING:

Location: Bugac, Behind Táltos Panzió: <https://maps.app.goo.gl/BgTqVPHrKuhVtC5w8>

For technical scrutineering, the Technical Scrutineer will visit the venue (service park), at individually scheduled time for each crew published on the following website: <https://www.terep-rallye.hu/2024-2/desert-express-300/> and Sportity.

1.9 PARC FERMÉ: Bugac, Kossuth str. 2. - <https://maps.app.goo.gl/qfzccmqVwi7TEr4G9>

1.10 SERVICE PARK: Bugac, Behind Táltos Panzió - <https://maps.app.goo.gl/BgTqVPHrKuhVtC5w8>

2. ORGANIZER

2.1 ORGANIZER'S NAME:

| | | |
|---------------------|------------------------|------------------------------|
| Organizer: | Garilla Racing Kft. | Co-Organizer: Garzone s.r.o |
| Representative: | Garamvölgyi Zoltán | |
| Street: | Házgyári str. 1. | Vel'koblavovská 75/39 |
| Postal Code / City: | 8200 Veszprém, HU | 929 01 / Dunajská Streda, SK |
| Phone: | +36 30 7914270 | |
| E-mail: | info@garzoneracing.com | |

2.3 ORGANIZING COMMITTEE:

| | |
|--|---|
| Patron of the Event: | Mr. László SZABÓ – Mayor of Bugac |
| President of the Organizing Committee: | Mr. Zoltán GARAMVÖLGYI |
| Members of the Organizing Committee: | Mr. László POLGÁR Mr. László BALOGH Mr. Ferenc SCHEIBENHOFFER |

2.4 OFFICIALS:

| | |
|---------------------------------|---------------------|
| Clerk of the course | Mr. János FALICS |
| Jury Prezident | Mrs. Brigitta VARGA |
| Chief Scrutineer | Mr. Gábor FARKAS |
| Medical Officer: | Dr. TBA |
| Safety Officer: | Mr. László BALOGH |
| Head of Secretary: | Ms. Julianna TÖRÖK |
| Competitors Relation's Officer: | Mr. István MÁTRAI |
| Press Officer: | Mrs. Réka ERŐS |
| Timekeeping Results: | ChronoMoto Kft. |
| GPS Control Results: | M-Info |

2.6 IDENTIFICATION OF OFFICIALS:

| | |
|------------------------------|---|
| Competitors Relation Officer | “CRO” Pink tabard |
| Scrutineers | “ATB” Blue tabard or shirt |
| Post Chiefs: | “VEZETŐBÍRÓ” Red tabard |
| Special Stage Commanders: | “VEZETŐBÍRÓ” Red tabard |
| Marshals: | “SAFETY” / “SPORTBÍRÓ” Yellow or White tabard |
| Timekeepers: | “CHRONOMOTO” Black shirt |

3. ENTRIES

3.1 DATES:

| | | |
|---------------------------|---------------|-----------|
| OPENING date for ENTRIES: | 15. 02. 2024. | 18:00 hrs |
| CLOSING date for ENTRIES: | 04. 03. 2024. | 18:00 hrs |

3.2 ENTRY PROCEDURE:

Submitting your entry on the following webpage <https://www.terep-rallye.hu/2024-2/desert-express-300/>

The registration is valid only if the registration fee is transferred by the registration deadline until 2024.03.04, on-site registration is not available.

When registering for entry, all requested documents for the administrative check must be uploaded onto the registration platform. Failure to do so will result in the registration being deemed incomplete and unacceptable.

3.3 NUMBER OF ENTRIES AND GROUPS:

The number of competitors must be a minimum of 15 vehicles.

Groups: Motor, Quad

If the number of entries is less than 15, the organizer reserves the right to cancel the race in the motor and quad categories. In the event of race cancellation, the organizer will refund the registration fee in full.

3.4 ENTRY FEE, OTHER:

3.4.1. ENTRY FEE

| | |
|---|------|
| With optional advertising | 210€ |
| payment transferred up to closing date of entry: 12.03.2024 | |
| Team Registration: | 100€ |

The entry fee includes:

- Additional compulsory liability insurance
- Identification and Advertising decals
- Basic service plate/competing vehicle (1pc)
- Basic service area per vehicle (30m²)
- GPS navigation and safety tracking system rental

For those competitors who have never participated in a Hungarian cross-country rally before, the organizer offers a 50% discount on the registration fee.

3.4.2. TO BE PAID ON SITE!

Deposit for GPS navigation and safety tracking system: 50 €
GPS navigation and safety tracking system's **installation kit**: 50 €

For a Service area up to 30m², max 2 entry permission can be purchased! Teams, who want to enter with more vehicles, must purchase an additional 30m² service area. Service areas requested and the number of service vehicles has to be indicated on the Entry Form.

3.4.3. OTHER FEES

- additional permission to the service parc (service plate): 30 €
- Additional service area (30m²): 30 €
- Trailers, Motorhomes, Promotion Vehicles: 60 €

3.5 PAYMENT METHOD:

The entry fee should be transferred before the entry deadline to the following bank account(€):

Account holder: Garilla Racing Kft.

Bank: MBH Bank, Hungary

IBAN: HU53103000021309414300014886

SWIFT / BIC: MKKBHUHB

Please note: DEX300, and the full name of the driver.

With signing the Entry Form, competitors agree, the GPS system operators to give their data to the organizer, event's officials

The Application form will be accepted only with the proof of payment of the fee.

4. INSURANCE

Complementary compulsory liability insurance Included in Entry Fee!

5. ADVERTISING

The logos will be published in Bulletin

1 - Three race number panels with compulsory advertising 20 x 20 cm on each side and on the front of the vehicle

2 - One race number panel with compulsory advertising 30 x 30 cm to the back of the Riders jacket

Compulsory or optional advertising absent or incorrect affixing will entail a penalty of 50% of the entry fees. In case of repeated offence, it will go up to exclusion.

6. IDENTIFICATION

Considering MAMS General Prescription Art.nr.15.

7. TYRES

Considering MAMS General Prescription Art.nr.11.

8. FUEL

There are no petrol stations along the whole track of **Desert Express**, therefore refuelling can be done in the service parc area with the engine turned off. Having a min.4kg fire extinguisher and a plastic mat is mandatory! The entire refueling process in the service park is the sole responsibility of the team!

9. ADMINISTRATIVE CHECK

LOCATION: Bugac, Táltos Panzió - <https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5>

TIMES SCHEDULE: 22.03.2024 17:00 – 19:00 Optional!
23.03.2024 08:00 – 12.00 According to individually scheduled time

When entering to the competition, it is necessary to upload the required documents for the administrative check (listed below) onto the registration platform.

Administrative check will take place at an individually scheduled time for each crew, published on the following website: <https://www.terep-rallye.hu/2024-2/desert-express-300/> and Sportity.

Before the administrative, the GPS navigation and safety tracking system has to be collected

9.3 DOCUMENTS TO BE PRESENTED:

Make sure to bring and present the original of the documents as well:

- Competitor's licence
- Driving licence
- Vehicle's registration document
- Vehicle's compulsory insurance policy
- Starting Permission (who is concerned)
- Authorisation of the owner of the vehicle (if different from the competitor)

10. TECHNICAL SCRUTINEERING, SEALING AND MARKING

LOCATION: behind Táltos Panzió: <https://maps.app.goo.gl/BgTqVPHrKuhVtC5w8>

TIME: 22.03.2024. 08:00-12:30 According to Schedule

For technical scrutineering, the Technical Scrutineer will visit the venue (service park), at individually scheduled time for each crew published on the following website: <https://www.terep-rallye.hu/2024-2/desert-express-300/> and Sportity.

Everyone is obliged to use the GPS tracking system provided by the organizers. Participants must collect the system before the administrative check and, if necessary, purchase the installation kit. The return should be made to the M-Info team in the Parc Fermé, and the deposit should also be collected from them. Installation and usage instructions are provided in Appendix 3.

REQUIREMENTS AT TECHNICAL SCRUTINEERING:

- Vehicles must be presented with all start numbers, rally plates, and advertisements fixed properly on the designated place.
- Tracking equipment and inter-vehicle signalling system installed and operable even when the ignition removed, it is compulsory to provide 12V
- Scrutineering Sheet- filled up
- Helmets must be presented

11. OTHER PROCEDURES AND REGULATIONS

11.1 PARC FERMÉ

Only after technical scrutineering and at the end of the race- competing vehicles must be placed in the Parc Fermé for the start and finish. Apart from these times, entering the Parc Fermé is not mandatory.

LOCATION: Bugac, Kossuth u. 2. - <https://maps.app.goo.gl/gfzzcmgVwi7TEr4G9>

TIME: 23.03.2024 11:30-13:00

11.2 BRIEFING: (MANDATORY)

LOCATION: Bugac, Táltos Panzió - <https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5>

TIME: 23.03:2024 13:00

11.3 ROAD BOOK PROVIDING

Road Book for Leg1: at Briefing

Road Book for Leg2: Entering Parc Fermé at the end of Leg1

11.4 PROLOGUE

Will not take place.

11.5 PUBLICATION OF START LIST AND STARTING POSITION

On Digital Notice Board: Sportity

11.6 SERVICEPARC

Bugac, behind Táltos Panzió: <https://maps.app.goo.gl/BgTqVPHrKuhVtC5w8>

Entry will be permitted in the Service Park only showing the Service Plates provided by the Organizer. Accompanying team cars can enter only by purchasing a 10.000HUF sticker at the Administrative Checks.

Using a min 2x1m protector groundsheet under the racing vehicles is mandatory. 1pc at least 4kg validated manual fire extinguisher is mandatory. Each service team has to ensure that after carrying out their activities on the site, they do not leave any pollutants. They will be checked by the environmental officer, and not complying will entail a 50.000HUF fine.

The Organizer calls the attention of the participants, that the Service Park is not guarded at night time!

11.7 OFFICIAL START

Parc Fermé: Bugac, Kossuth str. 2. - <https://maps.app.goo.gl/gfzzcmgVwi7TEr4G9>

According to the Programme above.

11.8 TIME CARD PROVIDING/EXCHANGES

Time cards will be issued before the Start of each Leg, wich must be submitted to the marshalls at the Finish of each Leg. The time card must be filled up by the competitor as instructed by the marshalls.

Time card exchanging: at regrouping.

11.9 LIMITED TIME DELAY

Maximum delay between two TC is 30 minutes per Leg. Delay exceeding this limit will result in disqualification.

11.10 FIXED PENALTY

Competitors who got fixed penalties on the day of the race, can revert to the race- at regrouping areas. up to the first vehicle's planned time. Will be evaluated only if they complete at least 50% of the selectives.

11.11 AVAILABILITY OF PARTICIPANTS

Participants who park their vehicles in the Parc Fermé upon passing the finish line, must remain available by phone (mobile) until the final classification have been posted.

11.12 ELECTRONIC START PROCEDURE AT THE START OF A SELECTIVE SECTION

The start of the selective section is happening based on an electric clock and lamp, connected to a false start alert system.

When the m/q arrives at the start line, the front of the m/q should be positioned behind a stick placed by the marshal to define the exact start position. One minute before the start time, but not before the car has stopped in its exact position, the marshal shall remove the stick and the competitor shall refer to the automatic countdown clock. Any subsequent change of the m/q's position until its start time is not permitted and will be reported to the Jury.

11.13 RECOINASSANCE

Recoinassance of the entire Desert Epress 300 route is forbidden.

12. PROTEST AND APPEALS

Protest fee: MAMS Cross-Country General Prescriptions

13. FINAL CHECKING

LOCATION: Parc Fermé, Bugac, Kossuth str. 2. - <https://maps.app.goo.gl/gfzzcmgVwi7TEr4G9>

TIME: 24.03.2024 Immediate after arrival in the finish

14. RESULTS

Digital Notice Board: Sportity, www.chromoto.hu

15. PRIZES

15.1 PRIZE GIVING CEREMONY:

LOCATION: Bugac, Táltos Panzió: <https://maps.app.goo.gl/eyPitZ9nGFAtxFfx5>

TIME: 24.03.2024. 18:00

15.2 PRIZES:

| | | | |
|------------|-----|---|-----|
| Overall | 1-3 | - | cup |
| Categories | 1-3 | - | cup |

LICENCE NR:

MAMS:

APPENDIX 1_Competitors Relation Officer



(ENG + DEU + HUN)
Mr. István MÁTRAI
+36 20 417 6249

Estimated working plan:

| | | |
|-----------------------|--|--------------------------------|
| Saturday 23. March | Technical Scrutineering Parc ferme Briefing / Start TC / HQ / Szerviz Park | 08:00-20:00 |
| Sunday 24. March | Parc Fermé Service area / HQ / Final Scrutineering / Prize Giving Ceremony | 08:00 - 08:30 08:30 - 19:00 |

APPENDIX 2_ Instruction for the installing and use of the GPS Tracking System

Rallyinfo.hu - Technical description of the operation of the GPS system V1



Pic. No. 1.: **GPS box**

Sizes: 115x90x55mm

Weight: 340g + pipe clamps 110g

General operating principle of GPS measurements:

The GPS is an advanced positioning system for three-dimensional position determination, timing and velocity measurements can be carried out by land, sea or air. Accuracy is typically of the order of meters, but the environmental conditions can affect significantly. In the sky from the flat ground there are 7-25 satellites visible at the same time, of which for positioning at least three, for the height above sea level one additional satellite is necessary for determination. The GPS satellites are broadcasting at six frequencies. Each satellite broadcasts spread spectrum signal which may be "pseudo-random noise" called for.

The positioning is based on the theory of analytic geometric methods. The satellite positioning system is based on timing recycle distance measurement. Since we know the velocity of radio waves, and we know the date of issue and receipt of radio waves, can be determined based on the distance of the source of these. In the three-dimensional space knowing the exact measured distance from three known positions we are able to determine the position. Measuring the distance with other satellites we are able to improve this value.

Cause A significant distortion in the system can be caused by the effect of atmospheric to the radio waves. At the description of the calculations we assumed that to simply calculate with the distance = rate x time formula. This is true, but that the speed of radio waves are only constant in the vacuum pressure.

Evaluation of data

The evaluation of uploaded data can be determined in two different ways.

Initial assessment of the competition supervision interface, real time data available online. This means the data that the device has been uploaded to the central database and downloaded online, analyzed by the supervisory program. The yet uploaded, or not yet analyzed data will be carried over in the subsequent analysis. Not uploaded data case occurs when the device is in the absence of strength of GSM signal, and can not upload data to the central database. In the case where the data is available online in the database, but local network is busy or the downloads has interrupted due to bad network relationship, then the analysis of loss data only partially can take place online.

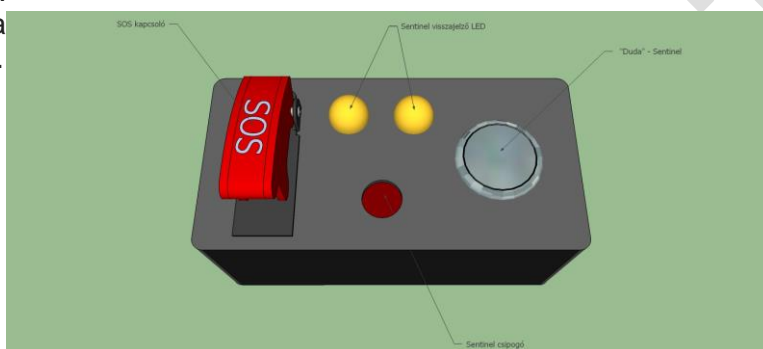
Alternate method is retrospective data analysis. In this case, the data collected what has been received by a specified time interval sets the database to a file, and the data can be evaluated from point to point.

Vehicle to Vehicle Alarm (VTVA) function: The device has a frequency of 433 MHz using radio module, which is broadcasting the data of an encoded in advance "bagpipe" and SOS functions corresponding sets of data, for the tools staying in range. The range distance can be greatly affected by ambient atmospheric conditions and terrain. The device has adjustable transmission power. This value

is not possible adjustable during the race. Currently, the vehicle to vehicle alarm system has two functions:

- "Toot" function, which indicates the overtaking intent of a VTVA equipped car up to 100m distance. Pressing the SOS button, placed in the box, a red LED indicates the start, which lasts for 5 seconds. In the event that the other device receives the sent signal, then this confirms to the sending device and the server uploads the signal, and at the same time, in the overtaken vehicle's SOS panel's LED will lit blue with a beep sound (continuous), and in the overtaker's vehicle the LED color changes from red to blue light, no beep sound here. The indicator remains on the overtaken's vehicle for 10 seconds. Then, each signal is switched off until a next signal.

- Send SOS signal devices within range. This feature will be active if on the SOS panel, the SOS switch is turned on. Send the device continues the signal, until the SOS switch is turned on. In the case where a device receives the SOS signal, on the SOS panel the red and blue LED will blink, with a pulse (0.5 s) alarm signal, as long as is still within range. This feature requires a power supply operation.



Pic.No. 2.: **SOS Panel**

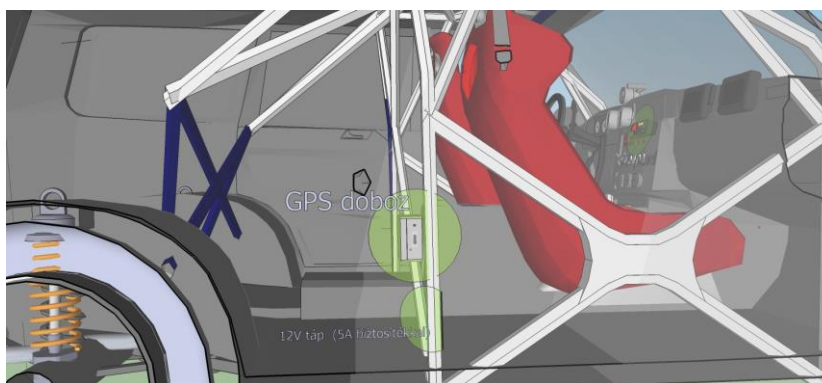
Sizes: 95x48x67mm

Weight: 120 g

Tool installation

- SOS panel, vehicle to vehicle alarm system antenna placement: Previously purchased SOS panel's red and black wires with the 2poled TMWS2T connector must be connected to the 5A fuse mating port (horizontal shoe positive, vertical shoe negative polarity), 15 poled connector's end has to be wired with the right B column. SOS panel should be placed on the dashbord in such a way that both the driver and the navigator can reach. The adhesive antenna supplied shall be affixed to the top right corner of the windshield horizontally, the end of the cable wired to the right-hand column B.

- Installing the device: The device received at the Administrative check must be connected to the previously purchased and installed SOS panel and vehicle to vehicle alarm system antenna. The device must be fixed in the right column B with 2 clamps so that the device does not move and the visibility ensured.



Pic.No. 3.: How to install 1.4



Pic. No. 4.: How to install 2.4



Pic. No. 5.: How to install 3.4



Pic. No. 6.: How to install 4.4

- To verify the functionality of the device will take place at the Technical Scrutineering.

- At the end of the race the device should be returned to the colleagues, where the deposit will be repayed. In case if the device has any problem, until identifying the problem, the competitor is entitled to the deposit only after a corresponding deduction.

More info:

Marton Zsolt: tel: +36302413111

approval per