

HunGarian Baja.com

FIA & FIM Cross-Country Rally World Cup

TEREP-RALLY VILÁGKUPA FUTAM

2017 AUGUSZTUS 10-13.

 **VESZPRÉM**
A KIRÁLYNÉK VÁROSA



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International Open Cross-Country Rally Event



K-0388/2017.07.11.

T1-T2-T3
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INTRODUCTION

HunGarian Baja is organised by GarZone R.O.P. Kft. on 10-13. 08. 2017.

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

1. FIA International Sporting Code and it's appendices
2. FIA Cross-Country World Cup regulations
3. Traffic Regulations of Hungary
4. Present Supplementary Regulation and it's appendices
5. Official bulletins

HunGarian Baja 2017 – T1-T2-T3			
Total km:		SS: 491,01 km	TOTAL: 721,06 KM
Day 1	2017.08.11.	SSS1	11,413 km
Day 2	2017.08.12.	SS2	273,20 km
		SS3	
Day 3	2017.08.13.	SS4	206,40 km
		SS5	
HunGarian Baja 2017 – TH-T4			
Day 1	2017.08.11.	SSS1	11,413 km
Day 2	2017.08.12.	SS2	100 km
		SS3	
Day 3	2017.08.13.	SS4	100 km
		SS5	
SCHEDULE:			

DATE	TIME	EVENT	LOCATION
22.05.2017 Monday	10:00	<u>Opening date for Entries the Secretariat Publication of the Rally Guide</u>	GarZone R.O.P. 8200 Veszprém, Budapesti str 89/A info@hungarianbaja.com
24.07.2017 Monday	24:00	<u>Closing date for Entries at Reduced fee</u>	GarZone R.O.P 8200 Veszprém Budapesti str. 89/A info@hungarianbaja.com
31.07.2017 Monday	24:00	<u>Closing date for Entries.</u>	GarZone R.O.P 8200 Veszprém, Budapesti str 89./A info@hungarianbaja.com
02.08.2017 Wednesday	20:00	Publication of Entry List with Starting Number and Checking Schedule	www.hungarianbaja.com

DATE	TIME	EVENT	LOCATION
09.08.2017 Wednesday	14:00	Opening date for the Secretariat <ul style="list-style-type: none"> • Accreditation • Check In • Delivery of identification plates, advertising and Baja Check List 	BudaWest Airport Veszprém – Szentkirályszabadja Red Bull Rally Office
	14:00	Opening Service Park	
	20:00	Closing date for the Secretariat	BudaWest Airport Veszprém - Szentkirályszabadja
10.08.2017 Thursday	08:00	Opening date for the Secretariat and Press Office <ul style="list-style-type: none"> • Accreditation • Check In • Delivery of identification plates, advertising and Baja Check List Opening Service Park	BudaWest Airport Veszprém – Szentkirályszabadja Red Bull Rally Office
	09:00-19:00	Administrative Check (as per schedule published 2rd of August) Pickup the Safety Systems	BudaWest Airport Veszprém – Szentkirályszabadja Red Bull Rally Office
	10:00-21:00	Scrutineering (as per schedule published 2rd of August)	Ring Autó, 8200 Veszprém, Észak Keleti útgőűrő 18.
	20:00	Closing date for the Secretariat	BudaWest Airport Veszprém – Szentkirályszabadja Red Bull Rally Office
11.08.2017 Friday	08:00	Opening date for the Secretariat and Press Office	BudaWest Airport Veszprém – Szentkirályszabadja Red Bull Rally Office
	08:00	First Steward meeting	BudaWest Airport Veszprém – Szentkirályszabadja
	09:00-13:00	<u>Shakedown</u>	
	12:00-15:00	<u>Entrance to the Parc Fermő</u>	Veszprém, Megyeház Square
	15:15	Press Conference	Veszprém, Brusznjai Á. 2. História Hangvilla www.historyhangvilla.hu
	16:00	Briefing Publication of the Start list (Leg 1)	Veszprém, Brusznjai Á. 2. História Hangvilla www.historyhangvilla.hu
	17:30	Leg 1 START	
	18:00	SSS START	
	18:38	Service	
	20:43	Regrouping + Start Ceremony Choosing starting position of Leg 2	Veszprém, Óvári Ferenc utca
	21:58	Leg 1 FINISH	
	22:30	Publication of the results Leg 1. Publication of the Startlist Leg 2 Closing date for the Secretariat and Press Office	BudaWest Airport Veszprém - Szentkirályszabadja

DATE	TIME	EVENT	LOCATION
12.08.2017 Saturday	07:00	Opening of Secretariat Opening of Press Office.	BudaWest Airport Veszprém - Szentkirályszabadja
	07:30	Leg 2 START	
	08:30	SS 2 START	
	10:40	Service + Regrouping	
	13:20	SS 3 START	
	15:30	Service	
	17:35	Leg 2 FINISH	
	20:00	Publication of the results Leg 2. Publication of the Startlist Leg 3 Closing date for the Secretariat and Press Office	BudaWest Airport Veszprém - Szentkirályszabadja

DATE	TIME	EVENT	LOCATION
13.08.2017 Sunday	07:00	<u>Opening of Secretariat</u> Opening of Press Office.	BudaWest Airport Veszprém - Szentkirályszabadja
	07:30	<u>Leg 3 START</u>	
	08:10	SS 4 START	
	09:55	Service + -Regrouping	
	12:10	SS 5 START	
	13:50	Leg 3 FINISH	
	13:50	Final Checks	Ring Autó, Veszprém 8200 Észak Keleti útgőűrő 18.
	14:30	<u>Steward Meeting</u>	BudaWest Airport Veszprém - Szentkirályszabadja
	15:50	Publication of the results Provisional Final Classification	BudaWest Airport Veszprém - Szentkirályszabadja
	16:30	Prize Giving Ceremony	BudaWest Airport Veszprém - Szentkirályszabadja

1. DESCRIPTION

1.1 PLACE AND DATE OF THE EVENT:

The **HunGarian Baja** race is held in Veszprém counties, Veszprém area, Hungary.

1.2 THE RACE:

HunGarian Baja
is a
Hungarian Open Cross-Country Rally Championship III. Race
with coefficient 3,
with international participants

1.3 VISA NUMBER:

K-0388/2017.07.11.

1.4 LOCATION OF EVENT HQ:

FROM 1ST JUNE TO 9TH AUG IN:

HUNGARIAN BAJA OFFICE
GARZONE R.O.P. KFT.
H-8200 VESZPRÉM, BUDAPEST STR 89/A.
Tel: +36-30-791-4270
e-mail: info@hungarianbaja.com
web: www.hungarianbaja.com

From 9th Aug at 14,00 h. to closure of the event 14th Aug:

BUDAWEST AIRPORT VESZPRÉM- SZENTKIRÁLYSZABADJA
GPS COORDINATE: N 47° 5'7" E 17°58'10"

1.5 START CEREMONY

LOCATION: **Veszprém Óvári Ferenc utca**

TIME: **11. 08. 2017 20:43**

1.6 PRESS OFFICE LOCATION:

LOCATION: **BudaWest Airport Veszprém- Szentkirályszabadja**

1.7 OFFICIAL NOTICE BORD LOCATION:

LOCATION: **CROSS-COUNTRY RALLY HQ**

BudaWest Airport

GPS COORDINATE: N 47° 04,950' E 17°58,269'

2. ORGANIZER

2.1 ORGANIZER'S NAME:

GARZONE R.O.P. Kft.

with **GARIA Kft.**

with **GARZONE s.r.o.**

2.2 ORGANIZER'S ADDRESS AND CONTACT DETAILS:

HunGarian Baja
GARZONE R.O.P. Kft.
H-8200 Veszprém, Eszterházy Antal str. 7-9.
email: info@hungarianbaja.com
web: www.hungarianbaja.com

2.3 ORGANIZER'S COMMITTEE:

Patron of the Event: Dr. Péter MIHALOVICS, Ministry of National Development, Head of the Ministerial Cabinet
..... Mr. Péter OVÁDI, Government Representative of Veszprém
..... Mr. Dávid STRAUB, The Mayor of Csehbánya

Organising Committee: Mr. Zoltán GARAMVÖLGYI
..... Mr. László POLGÁR
..... Mr. Sándor NÉMETH
..... Mr. Ferenc SCHEIBENHOFFER
..... Mr. László MÉSZÁROS
..... Mr. Lajos GARAMVÖLGYI
Chief Safety Official: Mr. Sándor NÉMETH – Kékkény Security

2.4 STEWARDS:

Chairman of the Stewards: Mr. Tibor OROSZLÁN
Members: Mr. György SELMECZI
..... Mr. István GÁL

2.5 SENIOR OFFICIALS:

Clerk of the course: Mr. Péter FALUVÉGI
Deputy Clerk of the course: Mr. László POLGÁR
Steward of Technical: Mr. Zoltán BALLA
Chief Medical Officer: Mr. Dr. Ferenc LETENYEI
Secretary of the Rally: Ms. Alexandra IHÁSZ
Crews Relations Officer: Mrs. Petra ILLÉS-POLGÁR
..... Ms. Gabi KULCSÁR
Press Relations Officer: Ms. Anita TÓTH
Timekeeping Results: Mr. Csaba GLÜCK - ChronoMoto Kft.
GPS Control: Mr. Zsolt MARTON - M-INFO Kft.

2.6 IDENTIFICATION OF OFFICIALS:

MNASZ identification- everyone.
Chief Post Control: Red west, Timekeeper and Marshall: White west

3. ENTRIES

3.1 DATES:

Openind Entries:	Monday, 22. May 2017.	10:00 hrs
Closing Date for reduced entry fees:	Monday, 24. July 2017	24:00 hrs
Closing Entries:	Monday, 31. July 2017	24:00 hrs

3.2 ENTRIE PROCEDURE:

Nominations, together with the proof of cheque payment should be sent to the following address:

GARZONE R.O.P. KFT.
H-8200 Veszprém, Eszterházy Antal str. 7-9.
e-mail: info@hungarianbaja.com
web: www.hungarianbaja.com

3.3 NUMBER OF ENTRIES AND CLASSES:

Classes: T1, T2, T3, T4, TH

3.4 ENTRY FEES, OTHER:

Group T1 - T2 - T3 class:	750 €
Group T4:	2.921 €
Group TH:	500 €
Basic service plate per vehicle (50 m ² area):	Included in Entry fee
Plus Service area (50m ²)	200 €
Acompanying car (max. 2 piece / service (50m ²)	100 €
Mobile homes, Promo vehicle	200 €

3.5 METHOD OF PAYMENT:

All entry fees must be transferred before the closing date of the entries to the following bank account: (EUR)

GARZONE R.O.P Kft.

Budapest str. 89/a. Veszprém H-8200, Hungary

e-mail: info@hungarianbaja.com

UNICREDIT Bank Hungary Zrt.,

Account N°: **10918001-00000047-68630031**

IBAN N°: **HU52 1091 8001 0000 0047 6863 0031**

SWIFT code: **BACXHUHB**

note: „**ENTRY FEE FOR HUNGARIAN BAJA 2017 (DRIVER'S NAME)**”

The entry form can only be accepted together with the certificate of payment of the entry fee. Entries after the closing date of the entries will be considered as „Entry on spot” (150%). With the signing the entry form of particular race, contestants agree that GPS system operator give their data to the organizer, leader of the race and the TRSB.

3.7 SAFETY EQUIPMENT: Pay, administrativ check!

GPS + Overtaking system rental.....50 €

GPS + Overtaking system installation package (bérlet).....300 €

4. INSURANCE

Insurance information according to 2017.

4.1 INSURANCE: In Administrativ Check!

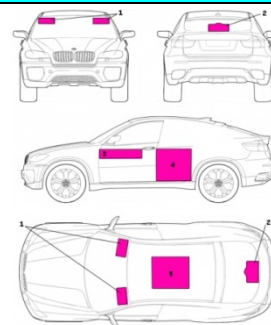
5. ADVERTISING

5.1 ADVERTISEMENTS:

The logos will be published in Bulletin

1. Two strips 10 cm (high) x 25 cm (wide) on each side of the upper part of the windscreen – TBA
2. One rally plate 43x21 cm placed vertically at the rear of the vehicle – compulsory
3. Two race number panels 67 cm x 17 cm – compulsory
4. Two 50 cm x 52 cm panels with the optional advertising – TBA
5. One 50 cm x 52 cm Race Number panel, located on the roof of vehicle - compulsory

More: in Bulletin!



6. IDENTIFICATION

MNASZ Art nr15.: Rally plates, contestants name, ID

7. TIRES

Considering MNASZ Art nr12. and supplementary regulation nr 20.

8. FUEL

Commercially available fuel must be used, which doesn't contain any additives increasing the octane nr. Fuelling only at the marked Petrol Stations in the Itinerary

9. ADMINISTRATIVE CHECK

9.1 LOCATION: BUDAWEST AIRPORT VESZPRÉM- SZENTKIRÁLYSZABADJA

GPS COORDINATE: N 47° 5'7" E 17°58'10"

9.2 TIMES SCHEDULE:

THURSDAY 10. AUGUST 2017. 09:00-19:00 HRS

GPS tracking system rental is compulsory before the checking. (M-Info)

9.3 DOCUMENTS TO BE PRESENTED:

- Competitor's licence
- Driving licence
- Vehicle registration document
- Compulsory car insurance policy
- Permission licence(who is concerned)
- Variety of authorization

10. TECHNICAL SCRUTINEERING, SEALING AND MARKING

10.1 LOCATION: RING AUTÓ – VOLKSWAGEN SERVICE,
8200 VESZPRÉM, ÉSZAK KELETI ÚTGYŰRŰ 18.

GPS COORDINATE: N 47° 6'22.57" E 17°55'47.92"

ANY MEMBER OF THE TEAM CAN TAKE THE VEHICLE FOR THE TECHNICAL SCRUTINEERING.

10.2 TIMES / SCHEDULE:

THURSDAY 10 AUGUST 2017.

10:00-21:00 HRS

10.3 PARC FERME:

After the technical scrutineering the crews must place the vehicles in Parc Fermé, located in Veszprém, Megyeház Square from 12:00 h to 15:00 h on Friday, 11 August.

At the end of Leg 1, the crews must place the vehicles in Parc Fermé, located in the BudaWest Airport according to the time schedule of the event on Friday, 11 August.

At the end of Leg 2, the crews must place the vehicles in Parc Fermé, located in the BudaWest Airport according to the time schedule of the event on Saturday, 12 August.

At the end of Leg 3, the crews must place the vehicles in Parc Fermé, located in the BudaWest Airport according to the time schedule of the event on Sunday, 13 August.

10.4 NECESSARY CONDITIONS:

- Competing vehicle
- Gps devices and Tracking systems fitted, in working condition.
- All rally panels, competition numbers and advertising panels fitted properly to the required places.
- Scrutineering Sheet- filled up
- Homologation Form, valid Technical Passport
- Compulsory fire-resistant clothing, requirement corresponding helmets and FHR system/ according to General Prescription
- Technically corresponding and approved size fire extinguisher properly fitted in the car Warning triangle, survival kit

10.5 SAFETY REQUIREMENTS:

It is obligatory for all competitors to use the GPS tracking and vehicle to vehicle signalling system (M-Info). System must be rented before administrative checks.

11. SUPERSPECIAL STAGE

11.1. LOCATION:

The Superspecial Stage will be held on Hungarian Baja, 11th August 2017. 18:00.

12. START OF THE EVENT

12.1 PUBLICATION OF STARTING LISTS

ACCORDING TO PROGRAMME. (ACCORDING TO ART. 19 OF THE FIA CCR GP 2017)

12.2 BRIEFING

ACCORDING TO PROGRAMME.

A WRITTEN BRIEFING (IF NECESSARY) WILL BE GIVEN TO COMPETITORS AT THE PREVIOUS LEG.

12.3 PARC FERMÉ BEFORE THE OFFICIAL START

IN THE START PARC FERMÉ CREWS SHOULD BE READY 15 MINUTES BEFORE THE INDIVIDUAL IDEAL STARTING TIME. 12.4

12.4 START CEREMONY/OFFICIAL START:

THE SUPERSPECIAL STAGE WILL BE HELD ON HUNGARIAN BAJA, 11TH AUGUST 2017. 18:00.

13. RUNNING OF THE EVENT

13.1 ROAD BOOK PROVIDING

Administrative check

13.2 LIMITED TIME DELAY

Maximum delay between two TC is 30 minutes per Leg. Exceeding this time, competitors will be excluded from the race.

13.3 FIXED PENALTY

On racing days, those competitors who got fixed penalties can restart to the race- at the stages of IE/TC 5, IE/TC 8 IE/TC 14, IE/TC 18, IE/TC 23, IE/TC 27. until the first vehicle's planned time, in compliance with the other rules described in the TROB rule book. The road book and the time-card included the maximum times.

13.4 EARLY CHECK IN AT THE END OF LEG:

In case of early arrival at the end of Leg to the Parc Ferme Finish, at the time controls, competitors will not be penalized.

13.5 TIME CARD PROVIDING/EXCHANGES

Time cards will be provided to the participants each day before starting of the Leg, which has to be returned at the Finish. Time card change in Regrouping.

13.6 PARC FERMÉ:

Between Legs, all vehicles must be placed to the Parc Ferme(for the night).

Location 1.: Veszprém, Megyeház Square

Location 2.: BUDAWEST AIRPORT, VESZPRÉM-SZENTKIRÁLYSZABADJA

13.7 FAULT START:

Vehicles, that cannot take the Start- in accordance with the TROP General Prescriptions point 41.1 can be pushed out from the timecontrol zone.

13.8 In the event of special stages average altitude is between 0 and 1000 meters!

14. SERVICE PARK

14.1 WORK ON A COMPETING CAR WILL BE PERMITTED ONLY AT SERVICE AREAS SPECIFIED BY THE ORGANIZATION.

LOCATION: BUDAWEST AIRPORT

14.2 EGYÉB: REFUELLING AND WASHING IN THE SERVICE PARK AREA IS PROHIBITED!

Refuelling and washing in the Service Park area is prohibited. Filling stations and Carwashes are indicated in the Road Book for each Legs.

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

Using a min 5x4m protector canvas 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 scrutineers, 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!

15. PROTEST AND APPEALS

15.1 PROTEST FEES:

General:	100.000 HUF
Technical:	100.000 HUF

16. FINAL TECHNICAL SCRUTINEERING

LOCATION: RING AUTÓ, VESZPRÉM, 8200
ÉSZAK KELETI ÚTGYŰRŰ 18.

Time: 13.08.2017 FROM 13:50

17. RESULTS

The Provisional overall classification will be published on the official notice board in the Rally H.Q. in **BudaWest Airport** at **Sunday 13. August 2017 15:50 h**

18. PRIZES

18.1 PRIZE GIVING CEREMONY:

LOCATION: BUDAWEST AIRPORT

TIME: SUNDAY 13. AUGUST 2017 16:30 H

Absolut	1-3	-	cup
Category	1-3	-	cup

LICENSE: MNASZ: K-0388/2017.07.11.

Varga Imre
szakágvezető

HunGarian Baja 2017

APPENDIX I. Crews' Relation Officers

Crews' Relations Officers, wearing a **PINK armband**, will be present during the Administrative Checks and Scrutineering. For the Whole rest of the rally they will be available by phone or in the places and at the times specified in their working plan.

		
<p>(SVK + ENG + HUN) Ms. Gabi KULCSÁR +36-302-666-588</p>	<p>(ENG + HUN) Mrs. Petra ILLÉS-POLGÁR +36-308-526-441</p>	<p>TBA</p>

HunGarian Baja 2017

APPENDIX II. Shakedown

22. 05. 2017. Monday

31. 07. 2017. Monday

10. 08 2017. Thursday 08.00 to 19.00

Opening date for shakedown's entries

Closing date for shakedown's entries

Delivery Shakedown's materials.....
(Identification plates - Road Book)**Shakedown** Length : 2 km**11. 08. 2017. Friday 09.00 to 13.00****ENTRY PROCEDURE**

Anybody wishing to perform the Shakedown must inform via email the secretariat of the Event.

ENTRY FEE

Fee received from 23. 05. to 01. 08.	
Entrant (2 hours)	€ 200,00

The price includes:

- VAT 27%
- Insurance
- SHAKEDOWN Road Book
- Rescue and Medical preparedness

CONDITIONS TO PARTICIPATE

- Driver and co-driver must be those registered in the entry form of HunGarian Baja 2017;
- the vehicle must be the one indicated in the entry form of HunGarian Baja 2017;
- the shakedown's fee must be paid;

SHAKEDOWN'S PLATES

To participate at the Shakedown, all panels received during the administrative checks, included the Shakedown's one, must be affixed at the vehicle. 1 strip 25 cm x 10 cm of height on the centre top of the windscreen

SERVICE AREA

Close to the Shakedown zone, the Organiser will provide an area where it will be possible to service on the race vehicles.

RUNNING OF THE SHAKEDOWN

Inside the race car, there will be both competitors registered at the HunGarian Baja 2017 and they must wear clothing and equipment determined in the FIA GP 2017.

All vehicles will start with an interval of 2 (two) minutes: the starting order will be based on their arrival at the preset zone and they can make as many laps as they wish in two hours.

HunGarian Baja 2017



CAR	2017.08.11. FRIDAY						Napnyugta: D.S.T.: 20:04	
Sector	TC IE	Location Hely	Average km/h	Part. km Rész km	Total km Össz. Km	Max. time Max. idő	Part hour Rész óra	Time First Car
1	1	Parc Fermé OUT - START Leg 1						17:30
	2	O Pont	34,87	14,53	14,53		00:25	17:55
		SSS1 START		11,41		00:30	00:05	18:00
		SSS1 FINISH	85,58		25,94		00:08	18:08
	3	O Pont						
	4	SERVICE IN	32,21	13,42	39,36		00:25	18:33
		SERVICE A						
	5	SERVICE OUT	0,26	0,46	39,82		01:45	20:18
	6	Regrouping IN - podium	34,44	11,48	51,30		00:25	20:43
		PODIUM START CEREMONY (START POSITION CHOOSING)						
	7	Regrouping OUT - podium	0,21	0,21	51,51		01:00	21:43
	8	Parc Fermé IN - FINISH Leg 1	31,28	7,82	59,33		00:15	21:58

CAR	2017.08.12. SATURDAY						Napnyugta: D.S.T.: 20:03	
Sector	TC IE	Location Hely	Average km/h	Part. km Rész km	Total km Össz. Km	Max. time Max. idő	Part hour Rész óra	Time First Car
2	9	Parc Fermé OUT - START Leg 2						07:30
	10	Forest	40,99	37,57	37,57		00:55	08:25
		SS 2 START		136,60		02:30	00:05	08:30
		PC1 (rail)	81,96		174,17		01:40	10:10
		SS 2 FINISH						
	11	Observatory						
3	12	SERVICE IN	30,80	15,4	189,57		00:30	10:40
		SERVICE B						
	13	Service OUT / Regrouping IN	0,69	0,69	190,26		01:00	11:40
	14	Rerouping OUT						12:20
	15	Forest	40,99	37,57	227,83		00:55	13:15
		SS 3 START		136,60		02:30	00:05	13:20
		PC2 (rail)	81,96		364,43		01:40	15:00
		SS 3 FINISH						
	16	Observatory						
	17	SERVICE IN	30,80	15,4	379,83		00:30	15:30
		SERVICE C						
	18	Service OUT / Parc Fermé IN - FINISH Leg 2	0,33	0,69	380,52		02:05	17:35

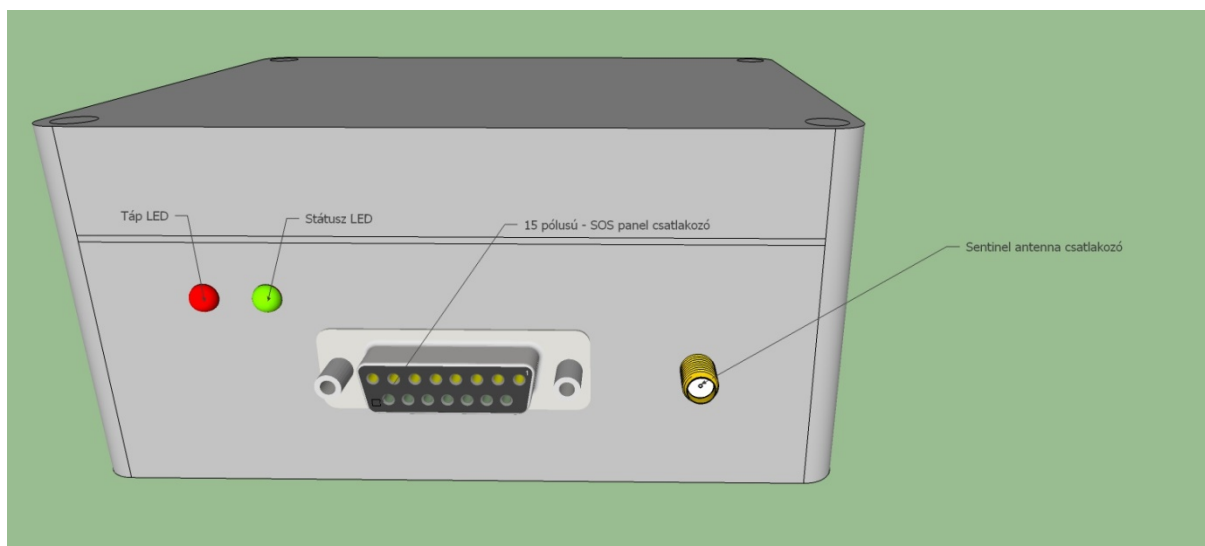
CAR	2017.08.13. SUNDAY						Napnyugta: D.S.T.: 20:02	
Sector	TC IE	Location Hely	Average km/h	Part. km Rész km	Total km Össz. Km	Max. time Max. idő	Part hour Rész óra	Time First Car
4	19	Parc Fermé OUT - START Leg 3						07:30
	20	Observatory	31,37	18,30	18,30		00:35	08:05
		SS 4 START		103,20		02:00	00:05	08:10
		PC3 (rail)	82,56		121,50		01:15	09:25
		SS 4 FINISH						
	21	Road						
5	22	SERVICE IN	37,52	18,76	140,26		00:30	09:55
		SERVICE D						
	23	Service OUT / Regrouping IN	0,69	0,69	140,95		01:00	10:55
	24	Rerouping OUT						11:30
	25	Observatory	31,37	18,30	159,25		00:35	12:05
		SS 5 START		103,20		02:00	00:05	12:10
		PC4 (rail)	82,56		262,45		01:15	13:25
		SS 5 FINISH						
	26	Road						
	27	Service OUT / Parc Fermé IN - FINISH Leg 3	45,02	18,76	281,21		00:25	13:50

2017.06.14.

HunGarian Baja 2017

APPENDIX IV. 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.

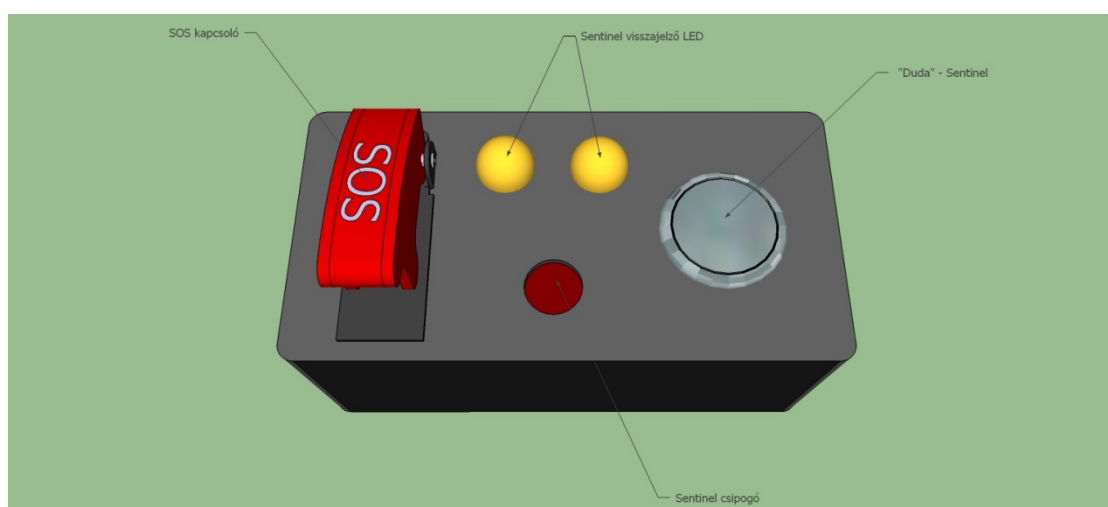
Initial assessment of the competition supervision interface, real time data available online. This means the data that the device has been uploaded to the central database and downloaded online, analyzed by the supervisory program. The yet uploaded, or not yet analyzed data will be carried over in the 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.

Sentinel 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 Sentinel has two functions:

- "Toot" function, which indicates the overtaking intent of a Sentinel equipped car up to 100m distance. Pressing the SOS button, placed into 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.



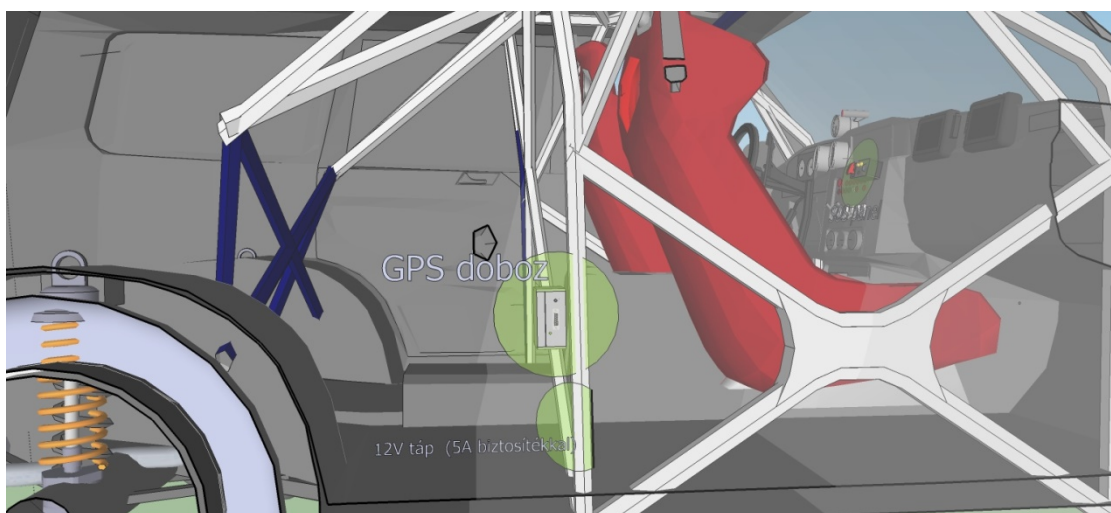
Pic.No. 2.: **SOS Panel**

Sizes: 95x48x67mm

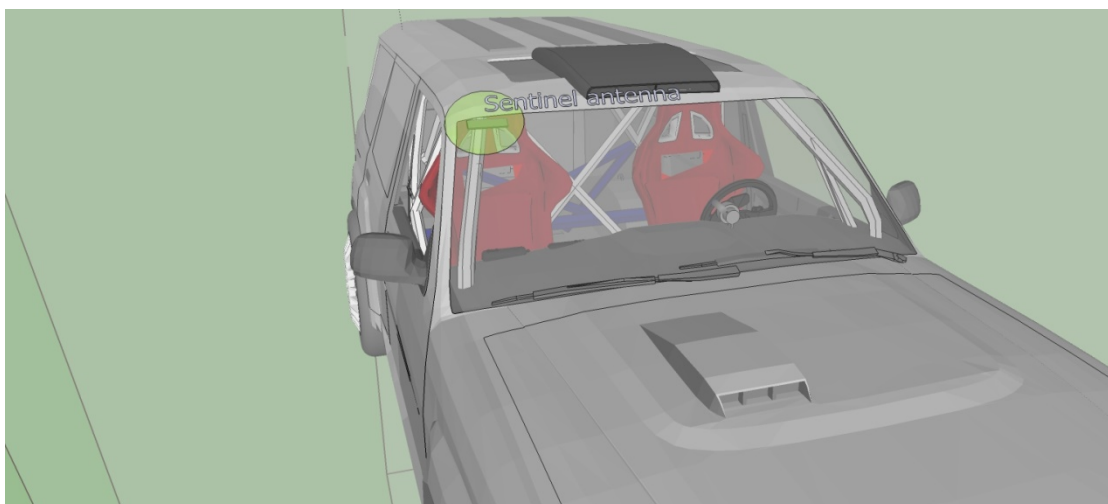
..... Weight: 120 g

Tool installation

- SOS panel, Sentinel 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 Sentinel 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.



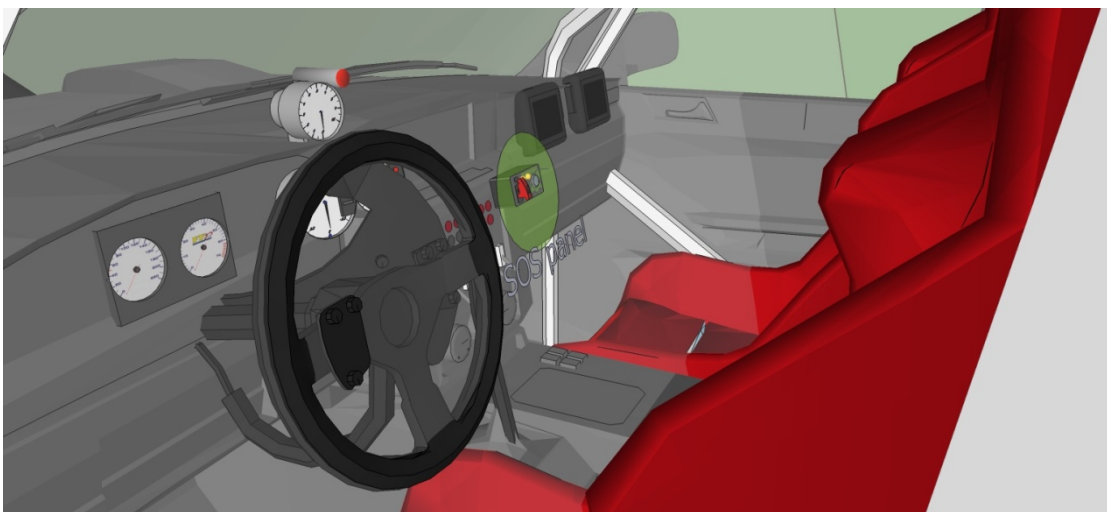
Pic.No. 3.: How to install 1.4



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.

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HunGarian Baja 2017

APPENDIX V. Arrival Guide

WELCOME TO HUNGARIAN BAJA WORLD CUP 2017!

This year HunGarian Baja is to be organized at the Airport of Szentkirályszabadja and in the city of Veszprém with long stages, more complex services, a new HQ and a spacious Service Park.

We would like to provide you with any information, needed after your arrival, to make it easy to find the HQ and other important scenes.

We really please you to follow the instructions and orders of the Security Staff. Obey them and do not argue, please.

Safety rules of the airport are very strict and ignoring them may easily lead to the immediate stop of the event.

Access:

You should arrive from the direction of Road 8 in any case-according to the map- by driving to Gate 2 of the airport. Stop your vehicle in the mown field, opposite the gate and collect your Entry Stickers in the tent, found there.

Opening hours of the office:

09. 08. 2017. 16:00-20:00

10. 08. 2017. 08:00-20:00

11. 08. 2017. 06:00-14:00

Outside of the opening hours registration is suspended and entry to the Service Park is not allowed without a registered service plate!

We draw your attention that the area is under strict safety rules due to increased terrorism threats and so entering the HQ - the Airport of Szentkirályszabadja- is allowed only with the official HunGarian Baja stickers, placed in the inner corners of the front windscreen.

The Safety Staff has the right for checking the ID of anybody and also for the inspection of the cars. We ask your pardon for any inconveniences.

During the registration procedure, you can also collect your previously ordered and paid car stickers for entering that are to be included in your Check List, as well. Presentation of the Check List and its management is the visitors responsibility at any check points and finally it is needed to be given to the Marshalls when entering the Parc Fermé.

STOP YOUR VEHICLES IN THE PARKING AREA NEXT TO THE REGISTRATION OFFICE, WITHOUT HINDERING THE TRAFFIC OF OTHER VEHICLES! FROM THIS PARKING AREA ONLY VEHICLES WITH RALLY OR SERVICE PLATE CAN GO FORWARD TOWARDS THE SERVICE PARK. SERVICE STICKER HAS TO BE STICKED ON THE INNER SURFACE OF THE

FRONT WINDSCREEN. WITHOUT THAT ENTERING THE SERVICE PARK IS FORBIDDEN.

IN THE REGISTRATION OFFICE (09. 08. 2017. BTW. 16:00-20:00, 10. 08. 2017. BTW. 08:00-20:00, 11. 08. 2017. BTW. 06:00-14:00) YOU CAN COLLECT THE PREVIOUSLY ORDERED STICKERS OR EVEN BUY THE NECESSARY ENTRY STICKERS. STICKERS, PASSES, SAFETY EQUIPMENT COLLECTED AT THE REGISTRATION OFFICE ARE LISTED IN AN OFFICIAL CHECK LIST THAT HAS TO BE KEPT BY THE RACER UNTIL ENTERING THE PARC FERMÉ AFTER THE TECHNICAL CHECKS. AT THE ADMINISTRATIVE CHECK THE ITEMS LISTED ON THE CHECK LIST HAVE TO BE PAID. LOSING THE CHECK LIST ENTAILS IN A PENALTY OF HUF 50.000!

STICK THE STICKERS IN THEIR DESIGNATED PLACES AND ON ALL YOUR VEHICLES TO BE ABLE TO ENTER THE SERVICE PARK OR TO THE SCRUTINEERING. IN THE SERVICE PARK THERE ARE NO DESIGNATED PLACES, YOU CAN SET UP YOUR SERVICE FROM THE ENTRANCE OF THE SERVICE PARK, LEAVING THE TRAFFIC ROUTES AND THE CLOSED AREAS FREE. YOU ARE ALLOWED TO SET YOUR SERVICE AREA ONLY ON THE SURFACE COVERED WITH TARMAC OR CONCRETE AND ONLY ON THE MOWN FIELD. TAKE THE INSTRUCTIONS, ORDERS OF THE SECURITY STAFF AND THE MAP SERIOUSLY.

MAXIMUM SPEED ALLOWED IN THE SERVICE PARK IS 30 KM/H. COMPETITORS ARE RESPONSIBLE FOR THEIR SERVICE CREW AND SUPPORTING VEHICLES!

ACCORDING TO THE ENVIRONMENTAL PROTECTION RULES OF THE RALLY, WASHING OF THE VEHICLES IS STRICTLY FORBIDDEN IN THE WHOLE AREA OF THE SERVICE PARK! WASTE BINS WILL BE AVAILABLE IN THE TERRITORY OF THE SERVICE PARK, AND A CONTAINER FOR HAZARDOUS WASTE WILL ALSO BE INSTALLED. PLEASE USE THESE FACILITIES TO PROTECT THE ENVIRONMENT! MOBILE TOILETS CAN BE FOUND IN THE AREA OF SERVICE. RACE CARS CAN LEAVE THE SERVICE PARK ONLY IN ACCORDANCE OF THE ITINERARY. REFUELLING CAN BE CARRIED OUT ONLY AT DESIGNATED PETROL STATIONS OF THE ITINERARY.

DURING THE RACE, ONLY FOR RACE CARS, A ROAD IS TO BE DESIGNATED, WHICH IS TO BE USED AT A MAX. SPEED OF 30KM/H IN ONE DIRECTION. WE ASK COMPETITORS NOT TO LEAVE THE DESIGNATED ROUTE AND TAKE CARE OF KEEPING THE ORIGINAL CONDITION OF FENCES AND ANIMALS. THIS ROAD IS NOT ALLOWED TO BE USED BY ANY OTHER VEHICLES. TURNING IN FROM ROAD 8, PLEASE FOLLOW THE ORDERS AND INSTRUCTIONS OF THE SECURITY STAFF.

CROSSING THE LINES, INDICATING THE BORDERS OF THE SERVICE PARK ON THE MAP, IS STRICTLY FORBIDDEN AND DANGEROUS TO YOUR LIFE. THE AREA OF THE HQ IS AN ACTIVE AIRPORT. IT IS COMPULSORY TO EVERYBODY TO KEEP THE RULES OF THE EVENT AND TO STAY INSIDE THE BORDERS OF THE SERVICE PARK. THE ENTRANCE AND THE EXIT OF THE SERVICE PARK IS DIFFERENT FROM THE GATES OF THE RUNWAY. KEEPING THE DIRECTIONS IS COMPULSORY TO EVERYBODY.

IN CASE THE SECURITY STAFF FINDS A VEHICLE INSIDE THE SERVICE PARK, WHICH HAS NO VALID ENTRY STICKER OR IT IS NOT PLACED ON THE DESIGNATED CORNERS OF THE WINDSCREEN, IT IS TO BE ORDERED TO LEAVE THE SERVICE AND IS TO BE FORBIDDEN TO ENTER AGAIN.

VEHICLES HAVING NO STICKERS CAN PARK IN THE PARKING PLACE OF REGISTRATION/VISITORS CAR PARK IN FRONT OF THE MAIN ENTRANCE.

WE ASK YOU TO PARK YOUR TRAILERS AT THE DESIGNATED PARKING AREA ACCORDING TO THE MAP.

ENTERING ANY PLACE THAT HAS NOT BEEN MOWN IS STRICTLY FORBIDDEN!!!

ON 13. 08. 2017. AFTER FINISHING THE RACE, THE SERVICE PARK AND THE AREA OF THE AIRPORT HAS TO BE LEFT. GATES ARE TO BE CLOSED AT NIGHT ON SUNDAY.

THANK YOU FOR YOUR CO-OPERATION,

THE ORGANIZING COMMITTEE

An aerial photograph of the HunGar an Baja triathlon venue. The map features several key locations and markings:

- Top Left:** HunGar an Baja logo with 'GarZonE' and 'FIA & FIM WORLD CUP' text.
- Top Center:** A 'GATE' label with an arrow pointing to a road.
- Center:** A 'Service team exit & entrance' label with an arrow pointing to a road.
- Center-Right:** 'Regrouping Parc-Ferme' and 'RACE HQ' labels with arrows pointing to specific areas.
- Bottom Left:** 'SERVICE IN' label with an arrow pointing to a road.
- Service Areas:** Two blue-outlined rectangular areas labeled 'SERVICE' in yellow text.
- Restricted Areas:** Red-outlined areas labeled 'Restricted area' in red text.
- Route Markers:** Red arrows indicating the main route, and yellow/black circular icons (a bicycle and a person) marking specific points along the route.

Parking places near the Podium

