

MNASZ-2018  
TEREP  
RALLYE  
BAJNOKSÁG



Supplementary  
Regulation  
T1, T2, T3,  
T4, TH,  
S b S, CH

HUNGARIAN OPEN CROSS COUNTRY RALLY CHAMPIONSHIP IV<sup>th</sup> RUN  
FIA CEZ CHAMPIONSHIP VII<sup>th</sup> RUN



14-16.09.2018  
GYULA

MNASZ-2018  
TEREP  
RALLYE  
BAJNOKSÁG

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## INTRODUCTION

**HOFEKA CUP 2018.** is organised by VARGA RACING TEAM ASE on 14-16. 09. 2018.

The event will take place in accordance with the following regulations, to which all drivers and competitors will be bound by signing the entry form:

- The FIA International Sporting Code (and its appendices),
- General prescriptions of the FIA Cross-Country Rallies,
- General prescriptions of the Hungarian Cross-Country Rallies 2018
- The present Supplementary Regulations and its appendices,
- Official bulletins.

*This Supplementary Regulation is published in Hungarian and English, and in disputed cases the Hungarian Supplementary Regulation is the authoritative one.*

Total distance: 618,5 km					
1. day	19,3km				
SSS1	3,6km				
2. day	307,8km				
SS2	54,1km	SS3	35,8km	SS4	54,1km
SS5	35,8km				
3. day	291,4km				
SS6	35,9km	SS7	39,4km	SS8	35,9km
SS9	39,4km				

## SCHEDULE

DATE	TIME	EVENT	LOCATION
<b>14.08.2018</b>	10:00	<u><b>Opening date for Entries</b></u>	Varga Racing Team ASE. 1163 Budapest, Legény utca 10.
<b>04.09.2018</b>	18:00	<u><b>Closing date for Entries</b></u>	Varga Racing Team ASE. 1163 Budapest, Legény utca 10.
<b>14.09.2018 Friday</b>	08:00	Opening Secretariat and Press Office	Gyula, Megyeház utca 1. <b>Corso Boutique Hotel</b> , Klubszoba.
	09:00-11:30	Pick up of the Safety Systems	Adminisztratív átvétel helyszínén.
	09:00-12:00	<u><b>Administrative Check</b></u>	Gyula, Megyeház utca 1. <b>Corso Boutique Hotel</b> , Klubszoba.
	09:15-12:30	<u><b>Technical Scrutineering</b></u>	Légrehajtási utasításban
	12:00-13:30	<u>Entrance to the Parc Fermé</u>	5700 Gyula Kétegyházi út 1. <b>INTERSPAR, PARKOLÓ</b>
	14:00	First Steward Meeting	Gyula, Megyeház utca 1. <b>Corso Boutique Hotel</b> , Klubszoba.
	15:00	<u><b>Briefing.</b></u> Publication of Start List Leg 1, Road book distribution,	Gyula, Vértanúk útja (Szervizpark, Rajtkapu)
	16:00	<u><b>Leg 1 START</b></u>	5700 Gyula Kétegyházi út 1. <b>INTERSPAR, PARKOLÓ</b>
	16:30	<b>SSS1 START</b>	<b>Gyula</b>
	17:10	SERVICE	Gyula, Vértanúk útja
	18:00	<u>Start position selection</u> SSS first 5	Gyula, Vértanúk útja (Szervizpark)
	18:40	<u><b>Leg 1 FINISH</b></u>	5700 Gyula Kétegyházi út 1. <b>INTERSPAR, PARKOLÓ</b>
	20:00	Publication of the provisional results of Leg 1	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.
	20:00	Publication of Start List of Leg 2. Closing of Secretariat	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.

DATE	TIME	EVENT	LOCATION
<b>2018.09.15. Saturday</b>	07:30	<u>Opening Secretariat</u>	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.
	08:00	<u>Leg 2 START</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKOLÓ
	08:30	SS2 Start	
	09:40	SS3 Start	
	11:05	<u>Service</u>	Gyula, Vértanúk útja
	12:40	SS4 Start	
	13:50	SS5 Start	
	15:15	<u>Service</u>	Gyula, Vértanúk útja
	17:45	<u>FINISH Leg 1</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKOLÓ
	18:30	Publication of the provisional results of Leg 2	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.
	19:00	<u>Publication of Start List Leg 3, Closing of the Secretariat</u>	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.

DATE	TIME	EVENT	LOCATION
<b>22.09.2018 Sunday</b>	07:30	<u>Opening Secretariat</u>	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.
	08:00	<u>Leg 1 START</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKOLÓ
	08:40	SS 3 Start	
	09:45	SS 4 Start	
	11:00	<u>Service</u>	Gyula, Vértanúk útja
	12:40	SS 5 Start	
	13:45	SS 6 Start	
	14:55	<u>FINISH Leg 3</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKOLÓ
	16:00	Publication of Provisional Classification	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.
	16:30	<u>Publication of Final Official Classification</u>	Erkel Ferenc Gimnázium és Kollégium, Gyula, Adler Ignác u. 3.
	16:30	<b><u>PRIZE-GIVING CEREMONY</u></b>	Gyula, Vértanúk útja.

## 1 DESCRIPTION

### 1.1 PLACE AND DATE OF THE EVENT:

The **HOFKA CUP** race is held in Békés counties, Doboz, Gyula, Kötegyán, Sarkad, Sarkadkeresztúr area, Hungary.

### 1.2 THE EVENT:

#### **HOFKA CUP**

4<sup>th</sup> round of

#### **HUNGARIAN OPEN CROSS-COUNTRY RALLY CHAMPIONSHIP**

with coefficient 2,

and 7<sup>th</sup> round of **FIA CEZ CHAMPIONSHIP**

with coefficient 2,

with international participants.

### 1.2 VISA NUMBER:

MNASZ K- /2018.

### 1.4 LOCATION OF EVENT HQ:

Location1: Gyula, **CORSO BOUTIQUE Hotel**, Megyeri útca 1.

Location2: Gyula, **Erkel Ferenc Gimnázium és Kollégium**, Adler Ignác u. 3.

Time: SEE ABOVE IN SCHEDULE

### 1.5 LOCATION OF START AND FINISH:

**LOCATION:** Gyula, Vértanúk útja,

START TIME: 14.09.2018 16:05

### 1.6 LOCATION OF PRESS OFFICE:

LOCATION: EVENT HQ

### 1.7 LOCATION OF OFFICIAL NOTICE BOARD:

LOCATION: Gyula, **Erkel Ferenc Gimnázium és Kollégium**, Adler Ignác u. 3.

### 1.8 The average altitude above sea level of the Selective Sections:

The average altitude above sea level of The HOFKA Cup Selective Sections is **under 1000 metres**. Based on these the size of the competition vehicles air restricting according to the Rule Book 9.2.4 points.

## 2 ORGANIZATION

### 2.1 ORGANISER'S NAME:

**Varga Racing Team ASE.**

### 2.2 ADDRESS & CONTACT DETAILS:

**Varga Racing Team ASE.**

**H-1163 Budapest, Legény utca 10.**

Responsible for the Event: **Varga Imre**

**Tel: +36 30 604 45 13**



## 2.3 ORGANISING COMMITTEE:

Organising Committee:  
Members of the organising committee:  
Members and Chief Safety Official:  
Secretary of the Rally:

Mr. László POLGÁR  
Mr. György BALI  
Mr. Mihály GYEPES  
Mrs. Mariann POLGÁR

## 2.4 STEWARDS:

Stewards' Meeting Chairman  
Members

Mr. Tibor OROSZLÁN  
Mr. István LÁDI (SK)  
Mr. György SELMECZI

## 2.5 OFFICIALS:

Clerk of the Course:  
Chief Technical Inspector:  
Chief Medical Officer  
Chief Safety Officer:  
Secretary of the Rallye:  
Crew's Relation Officer:  
Press Relations Officer:  
GPS Control

Mr. László POLGÁR  
Mr. László TÜSKÉS  
TBA  
Mr. Mihály GYEPES  
Mrs. Mariann POLGÁR  
Mrs. Petra ILLÉS-POLGÁR  
Ms. Dr. Rita KÓNYA  
M-Info Kft.

## 2.6 IDENTIFICATION OF OFFICIALS AND MARSHALS:

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

## 3 ENTRIES

### 3.1 DATES:

Opening date for entries: **14.08.2018**  
Closing date for entries: **04.09.2018**

### 3.2 ENTRY PROCEDURE:

Entry forms together with the certificate of payment should be sent to the following address:

**Varga Racing Team Autósport Egyesület**  
H-1164 Budapest, Legény u. 10.

e-mail: [terep rallye.office@gmail.com](mailto:terep rallye.office@gmail.com)

### 3.3 NUMBER OF ENTRIES, GROUPS, CLASSES:

Groups announced: T1, T2, T3, T4, TH, SbS, Ch,

### 3.4 ENTRY FEES, OTHERS: VAT, complementary compulsory liability insurance, and rental fee of the GPS system are included in the entry fees.

<b>Group T1 - T2 - T3 – T4:</b>	<b>230.000, HUF</b>
<b>Group TH:</b>	<b>130.000, HUF</b>
<b>Group SbS:</b>	<b>60.000, HUF</b>
<b>Group Challenge:</b> Without entry fee, but the GPS and the insurance	<b>30.000, HUF</b>
<b>Basic service plate per vehicle (50 m2 area):</b>	<b>Included in Entry fee!</b>
<b>Plus Service area 50 m2</b>	<b>10.000, HUF</b>
<b>Mobile homes, Promo vehicle</b>	<b>For free!</b>



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.

### 3.5 METHOD OF PAYMENT:

All entry fees must be transferred before the closing date of the netries to the following bank account:

Varga Racing Team Autósport Egyesület

**UniCredit Bank:** Account number: **10918001-00000106-08210004**

**IBAN:** HU10918001-00000106-08210011

**SWIFT:** BACXHUHB

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%).

### 3.6 SAFETY SYSTEM: **paid on the spot!**

GPS + Overtaking system, **installation package** (rent)

5.000, HUF

GPS + Overtaking system, **installation package** (buy)

15.000, HUF

## 4 INSURANCE

According to INSURANCE INFORMATION 2018.

### 4.1. complementary compulsory liability insurance:

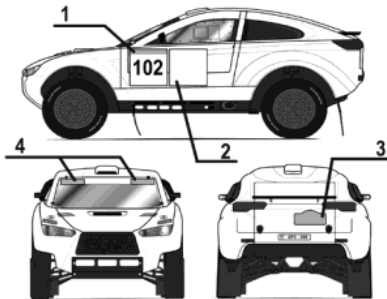
**Included in Entry Fee!**

## 5 ADVERTISEMENTS

### 5.1 ADVERTISEMENTS:

1. 2 pcs Start number with advertising
2. 2 pcs Advertisement plates,
3. 1 pc Rally plate (43x21cm, in pack)
4. 2 pcs (25x10cm) windscreen sticker

Others: in Bulletin!



## 6 IDENTIFICATION

MNASZ (ASN) General Prescriptions Art. 15. Rally plates, names of driver and co-driver(s), ID card.

## 7 TYRES

MNASZ (ASN) General Prescriptions Art. 12.

## 8 FUEL

Commercially available fuel must be used which cannot contain any additives. Fuelling only at the marked Petrol Stations in the road book.

## 9 ADMINISTRATIVE CHECKS

**9.1 LOCATION:** GYULA, Corso Boutique Hotel, Megyeház utca 1,

**9.2 TIME AND SCHEDULE:**

**14.09.2018**

**09:00 – 12:00**

Safety equipment must be collected before the administrative checks. (M-Info)

**9.3 DOCUMENTS TO BE PRESENTED:**

- Entrant licence
- Driver and Co-driver licences
- Driver and Co-driver's valid Driving Licence
- ASN Licence for foreign competitors /International Licence/
- Entry Form - fully completed
- Vehicle registration document or temporary traffic permission for SP numbers and belonging Start Diary
- Compulsory car insurance policy
- Starting Permission (who is concerned)
- Authorization from the owner of the vehicle in case is other than the driver or navigator
- FIA Technical Passport, or ASN Passport for competitors with foreign licences

## 10 TECHNICAL SCRUTINEERING AND MARKINGS

**10.1 LOCATION:** TBA

**ANY MEMBER OF THE "TEAM" CAN TAKE THE VEHICLE TO THE TECHNICAL SCRUTINEERING.**

**10.2 TIME AND SCHEDULE:**

**14.09.2018**

**09:15 – 12:30**

**10.3 PARC FERMÉ:**

Following the technical scrutineering, each vehicle must be set in Parc Fermé between **12:00 and 13:30** See 12.1.

**10.4 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,
- Scrutineering Sheet- filled up
- Homologation Form, valid Technical Passport
- All personal safety equipment (eg.: helmet, fireproof clothing, gloves, FHR, fireproof underwear, etc.) must be presented.
- 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 inter-vehicle signalling system (M-Info). System must be rented before administrative checks.



## 11 SUPERSPECIAL STAGE

11.1. LOCATION: GYULA

TIME: 14.09.2018 16:30

**It is compulsory to take part in the superspecial stage!**

**Superspecial Reconnaissance of only on foot authorised!**

11.2. **START POSITION SELECTION for day 2:** First 5

TIME: 14.09.2018 18:00 Gyula, Vértanúk útja, Service Park

## 12 START OF THE EVENT

12.1 PRE-START PARC FERMÉ:

LOCATION: GYULA, KÉTEGYHÁZI ÚT 2. INTERSPAR PARKOLÓ

TIME: 14.09.2018 12:00-13:30

GPS: 46°41.207'É 19°40.717'K

12.2 BRIEFING: (COMPULSORY)

LOCATION: GYULA, Vértanúk útja, SERVICE PARK

TIME: 14.09.2018 15:00

12.3 PUBLICATION OF START LISTS AND START TIMES:

According to Schedule.

12.4 START CEREMONY / OFFICIAL START:

LOCATION: GYULA, Vértanúk útja, SERVICE PARK

TIME: 14.09.2018 16:05

## 13 RUNNING OF THE EVENT

13.1 DISTRIBUTION OF ROADBOOKS

At Briefing.

13.2 DISTRIBUTION OF TIME CARDS, CHANGE OF TIME CARDS:

Time cards will be issued before the Start of each Leg and must be submitted to the marshals at the Finish of each Leg.

Time cards will be changed on TC12 and TC26.

13.3 LIMITED DELAY

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

13.4 FIXED PENALTY

On racing days, those competitors who got fixed penalties can restart to the race- at the stages of IE/TC12, IE/TC26 until the first vehicle's planned time, in compliance with the other rules described in the Hungarian General Prescriptions rule book.

13.5 EARLY CHECK IN AT THE END OF EACH LEG:

At the end of each Leg at the TC at the entry of Parc Fermé competitors can check in ahead of time without penalty. (IE/TC5, IE/TC19, IE/TC32,)

Valamint **engedélyezett a korai érkezés a TC4, TC18, Szerviz BE állomásokon.**

### 13.6 PARC FERMÉ:

Between the Legs (for the night) race vehicles must be placed in the Parc Fermé.

**LOCATION:** GYULA, KÉTEGYHÁZI ÚT 2. INTERSPAR PARKOLÓ

## 14 SERVICE PARK

**14.1 LOCATION:** GYULA, VÉRTANÚK ÚTJA

**GPS:** N 46° 38,589' E 21° 16,223'

**14.2 OTHERS:**

**Refuelling and washing in the Service Park area is PROHIBITED!**

**Refuelling has to be made at the filling stations located at each road section.**

**Carwashes before each service, indicated in the road book.**

In each service area compulsory 1 pcs minimum 4 kg validated fire extinguisher.

Using a min 5x4m protector canvas under the racing vehicles 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 technical supervisors, and not complying will entail a 50.000,- HUF fine.

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

## 15 PROTESTS

Protest fee:	General:	100.000 HUF
	Technical:	100.000 HUF

## 16 FINAL TECHNICAL SCRUTINEERING

**LOCATION:** Parc Fermé  
**TIME:** 16.09.2018 from 15:00

## 17 RESULTS

**17.1 PUBLICATION OF PROVISIONAL CLASSIFICATION LEG 1:**

**TIME:** 14.09.2018 20:00

**PUBLICATION OF PROVISIONAL CLASSIFICATION LEG 2:**

**TIME:** 15.09.2018 18:30

**17.2 PUBLICATION OF FINAL RESULTS:**

**TIME:** 16.09.2018 16:00

**Location:** Official Notice Board

## 18 PRIZES

**18.1 PRIZEGIVING:** GYULA,

**LOCATION:** VÉRTANÚK ÚTJA,

**TIME:** 16.09.2018 16:30

## 19 SIDE BY SIDE GROUP

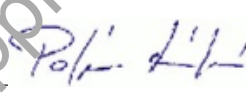
Rules: General Prescriptions 2018. v.2.



### 19.1 SELECTIVE SECTIONS:

Verseny össztávja: 564,8 km					
1. nap	19,3km				
SSS1	3,6km				
2. nap	307,8km				
SS2	54,1km	SS3	35,8km	SS4	54,1km
				SS5	35,8km
3. nap	237,6km				
SS6	35,9km	SS7	39,4km	SS8	35,9km
					-

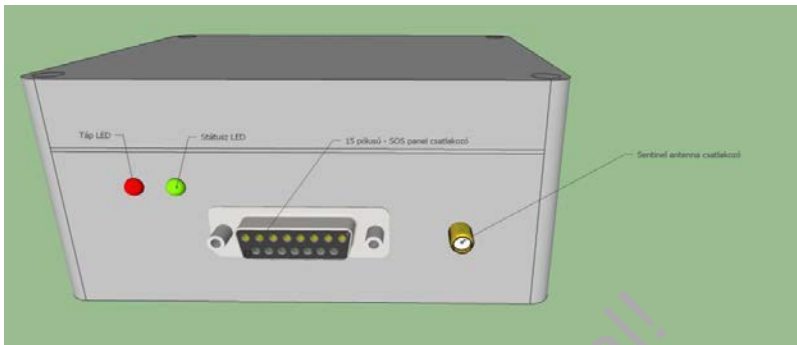
VISA NUMBER: MNASZ K- /2018.

  
Mr. László POLGÁR  
Cross-Country Rallye Committee

## I. Technical description of the operation of the GPS System V1

More info GPS System: +36 30 241 31 11

Mr. Zsolt MARTON



**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 receive 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.

### Alarm vehicle to vehiclefunction

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 alarm vehicle to vehicle has two functions:

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

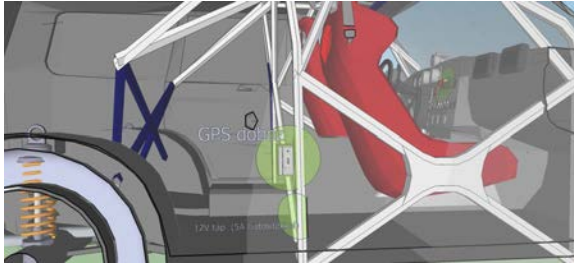


**Pic. No. 2.: SOS Panel Sizes: 95x48x67mm      Weight: 120 g**

### Tool installation

- SOS panel, alarm vehicle to vehicle 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 alarm vehicle to

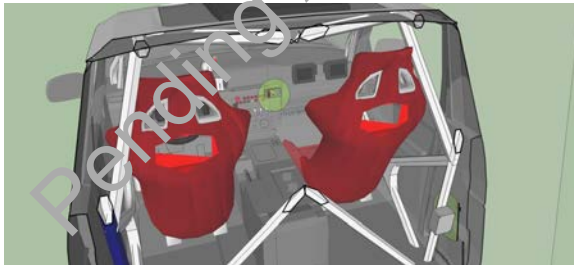
vehicle antenna. The device must be fixed in the right column B with 2 clamps so that the device does not move and the visibility ensured.



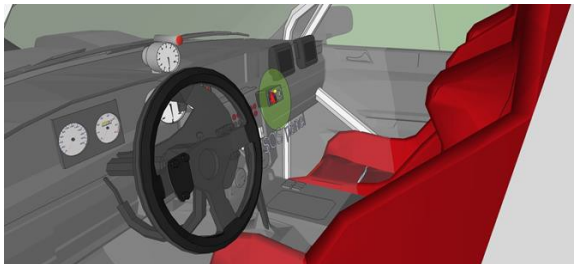
**Pic. No. 3.: How to install 1.4**



**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 .