



# Dubai International Baja

*8<sup>th</sup> to 10<sup>th</sup> March 2018*

## Regulations for the National Event for Cars & Buggies (Side by Side)

### **1) Introduction**

**1.1:** In addition to the FIA International event taking place, a support event will run concurrently for National Spec cars and Buggies (run to ATCUAE standards and Regulations).

Those running in the national category must comply with these regulations.

**1.2:** The event is a rally, with the competitors ranked in the order of how quickly they have completed both passing's of the stages (subject to any penalties being added). Failure to complete the full distance of the rally will result in a competitor being considered to have not finished the rally (DNF).



## 2) Timetable

### **OPENING DATE FOR ENTRIES:**

- Monday 15th January 2018

### **CLOSING DATE FOR ENTRIES:**

- Saturday 24th February 2018

### **PUBLICATION OF ENTRY LIST:**

- Thursday 01st March 2018

### **ADMINISTRATIVE CHECKS & COLLECTION OF MATERIAL AND DOCUMENTS:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Wednesday 07th March 2018, 09h00-16h00

### **OPENING OF MEDIA CENTRE AND MEDIA ACCREDITATION:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Wednesday 07th March 2018, 09h00

### **PRE-RALLY PRESS CONFERENCE:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Wednesday 07th March 2018, 11h30

### **DATE OF SCRUTINEERING OF THE VEHICLES, MARKING AND SEALING:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Wednesday 07th March 2018, 14h00-18:00
- Thursday 08th March 2018, 07h00-13h00

\*Timetable to be published on 01st March 2018\*

### **FIRST STEWARDS MEETING**

- Place: Stewards Room, Rally HQ, DUBAI AUTODROME, Motor City, Dubai •
- Time: Thursday 08th March 2018, 14h00

### **PUBLICATION OF START LIST FOR LEG ONE**



- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Thursday 08th March 2018, 15h00

**COMPETITORS BRIEFING:**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Thursday 08th March 2018, 16:00

**CEREMONIAL START:**

- Place: Exit of Service Park, DUBAI AUTODROME, Motor City, Dubai
- Time: Thursday 08th March 2018, 17h00

**PRE-EVENT COCKTAIL WELCOME FUNCTION:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Thursday 08th March 2018, 18h30 (following Ceremonial Start proceedings)

**ISSUING OF THE ROAD BOOK (LEG1):**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Thursday 08th March 2018, 17h00 – (when exiting Ceremonial Start)

**OFFICIAL START:**

- Place: Exit of Service Park, DUBAI AUTODROME, Motor City, Dubai
- Time: Friday 09th March 2018, 07h30
- LEG ONE LENGTH – APPROXIMATELY 175 KM

**ISSUING OF THE ROAD BOOK (LEG2):**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Friday 09th March 2018, 16h30
- LEG TWO LENGTH – APPROXIMATELY 175 KM

**FINISH OF THE RALLY:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Saturday 10th March 2018, 18h30

**FINAL TECHNICAL CHECKS:**



- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Saturday 10th March 2018 from 15h00

#### **FINAL STEWARDS MEETING**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Saturday 10th March 2018, 16h30

#### **PUBLICATION OF PROVISIONAL FINAL CLASSIFICATION:**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Saturday 10th March 2018, 17h00

#### **PUBLICATION OF OFFICIAL FINAL CLASSIFICATION:**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Saturday 10th March 2018, 17:30

#### **CEREMONIAL FINISH/PRIZE-GIVING:**

- Place: DUBAI AUTODROME, Motor City, Dubai
- Time: Saturday 10th March 2018, 18:00

#### **OFFICIAL NOTICE BOARD:**

- Place: Rally HQ, DUBAI AUTODROME, Motor City, Dubai
- Time: Thursday 08th March 2018, 08:00, to Saturday 10th March 2018, 20:00

## **3) Organisation**

### **3.1: Organiser's name:**

Automobile & Touring Club of the UAE (ATCUAE)

### **3.2: Address and contact details**

Dubai International Baja  
P.O. Box 5078  
Dubai, United Arab Emirates  
Email: [Entry@atcuae.ae](mailto:Entry@atcuae.ae)

Tel: + 971 4 2961122  
Fax: + 971 4 2961133

<http://www.dubaiinternationalbaja.com/>

### **3.3 Organisation Committee**



Chairman: Mohammed Ben Sulayem  
 Members: Ronan Morgan  
 John Spiller  
 Adel Sarris  
 Pierre Arries  
 Atiq Hassan Mubarak

### 3.4: National Officials

Event Director: Ronan Morgan  
 Clerk of the Course: Thomas Langford  
 Route Director: John Spiller  
 Safety Officer: Cesar Abou Chacra  
 Chief Medical Officer: Dr. Sean Petherbridge  
 Stewards: Matthew Norman (Chairman)  
 Rod Smith  
 Adel Kassim Sarris

## 4) Entry Procedure

**4.1:** Entries for the National Event must be submitted prior to 05:30 on Sunday 24<sup>th</sup> February 2018, and none will be accepted after that point. To enter, the form must be downloaded from the website ([HERE](#)) and emailed to [entry@atcuae.ae](mailto:entry@atcuae.ae).

### 4.2:

	National Car		
	UAE	GCC	Overseas
Tracking and Timing (Sporttraxx)	✓	✓	✓
Navigation and Sentinel (ERTF)	X	X	X
Public Liability Insurance	✓	✓	✓
3rd Party (off Highway) Insurance			
Repatriation Insurance	X	✓	✓
3rd Party (on Highway) Insurance	X	X	✓
Cocktail Welcome Function Ticket	2	2	2
Merchandise	2	2	2



Fuel	✓	✓	✓
Entry Fee (AED)	<b>5800</b>	<b>8500</b>	<b>14000</b>
Entry Fee (USD)	<b>1580</b>	<b>2315</b>	<b>4000</b>

**4.3:** To access the International Service Park, any service crew must have a 2018 DIB wristband. These can be purchased on Thursday 8<sup>th</sup> March 2018 at Documentation for AED 150 each.

#### 4.4: Payment

The Entry Fee must be paid into the following account:

Account Name:

#### Automobile and Touring Club for United Arab Emirates LLC Dubai Branch

Account Number: 1015011174902  
 IBAN No. AE33 0260 0010 1501 1174 902  
 SWIFT Code: EBILAEAD  
 Bank name: Emirates-NBD  
 Bank Address: PO BOX 777, Dubai, UAE  
 Currency: AED

Please fax (+971 4 2961133) or email (janette@atcuae.ae) a copy of the bank transfer for reference and reconciliation purposes. The registration form will only be accepted if accompanied by the correct entry fees.

## 5) Competitor Licenses

**5.1:** Crews entering the National event must hold a minimum of a National Rally Licence, issued by either the ATCUAE or another FIA affiliate. Should the competitor have a licence from an ASN other than the ATCUAE, it must be accompanied by the appropriate Start Permission.

## 6) Prizes

**6.1:** The following prizes will be awarded for National Vehicles:

- 1<sup>st</sup> Overall National Vehicle (Two Trophies)
- 2<sup>nd</sup> Overall National Vehicle (Two Trophies)
- 3<sup>rd</sup> Overall National Vehicle (Two Trophies)

## 7) Advertising

**7.1:** Advertising on competitive vehicles must be in conformity with Article 10.6 of the 2018 ISC as well as Article 16 of the 2018 FIA Prescriptions.

### 7.2: Advertising identification

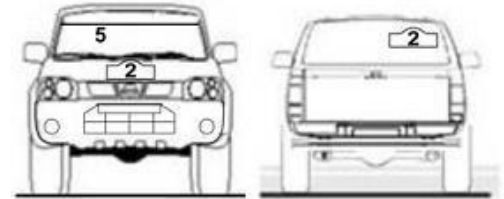
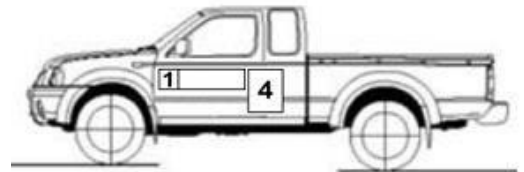
Composition of Organizers' compulsory and optional advertising will be presented and included in special spacing chart which will be given out during the Administrative checks.

### 7.3: Advertising Plan

In accordance with Art. 16 of the 2018 FIA Cross Country Rally

General Prescriptions;

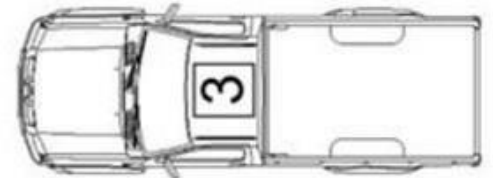
- 1 – Two panels with the optional advertising (+50% entry fee) (#4)
- 2 – Two strips (10x25cm) on each side of the windscreen upper part (+50% entry fee) (#5)



## 8) Identification Numbers

**8.1:** In compliance with Art.15.3 of the 2018 FIA Cross Country Rally  
General Prescriptions;

- 1- Two front door panels measuring 67x17 cm including a white surround. The competition number box which shall always be at the front of the panel (#1).
- 2- Front & rear rally plates 43x21.5cm (#2)
- 3- Roof panel, 50cm wide by 52cm high, shall be placed with the top towards the front of the car in order to be legible from behind (#3)



## 9) Refueling and Servicing

**9.1:** International and National Cars may only refuel and service in the permitted areas at the Service Park at Dubai Autodrome.

**9.2:** Due to their limited fuel range and possible lack of road registration, National Vehicles, will be permitted to refuel and service in a designated area at the midstage Passage Control.



**9.3:** Refueling and servicing for National Vehicles will be permitted during the stage, only in the designated areas, or during the stage when the fuel is received only from another competitor. **It is competitor's own decision whether or not to refuel or service midstage**, but should they need to, they will do so in their own time.

It is recommended that these vehicles be capable of a minimum of 100km distance at competitive speed to be able to make it from the start to the midstage refuel to the finish.

**9.4:** Competitors are not permitted to be in or on their vehicles while it is being refueled. Any servicing or refueling should be carried out on top of a suitable ground mat for environmental reasons, and a member of the service crew must man a fire extinguisher when refueling is taking place.

## 10) Starting Order

**10.1:** National Vehicles will follow the itinerary of the international event. That itinerary and starting order will be published prior to the start of the event.

## 11) Navigation

### 11.1: Road Book and Navigation

11.1.1: Whilst the route generally avoids being in proximity of camel farms, competitors are advised when driving in the vicinity their speed should be restricted. Crews must take every precaution to minimize the nuisance and disturbance to all forms of livestock at all times.

11.1.2: The route of the event will be defined by the road book (A5) and a combination of visible and hidden GPS waypoints. The standard regulations regarding route conformity will apply. Each vehicle has to be equipped with;

1. A GPS kit from ERTF, 2. A Sentinel kit from ERTF.

### 11.2: Each vehicle must be equipped with a Competitor Tracking / Proximity warning Device (COMPULSORY).

11.2.1: All VHF, HF, CB transmitter/receiver or other electronic means of communication, other than GSM and/or satellite telephone, are forbidden.

Conditions of use of Satellite and GSM telephones:

For safety reasons the presence of a satellite telephone and/or a GSM phone (except PDAs or GSM phones featuring a GPS function or maps) on board vehicles is authorized. The number(s) must be given





to the organizers during administrative checks. In no case may telephones be in 'on' mode during selective sections. Spot checks will be made. Only in case of problems may telephones be used, only outside of the vehicle, with the vehicle stopped, to signal a retirement, an accident or a breakdown. These telephones may be used from within the car, only on road sections and solely by the co-driver (See Arts. 29 and 32 of the CCR GP).

All infractions will result in penalties up to and including disqualification from the race.

No permanent aerial, 'hands-free' kit, fixed installation or pre-wiring is authorized in the vehicle. No SMS, MMS, data transmission is allowed, and all equipment such as data cables, infrared links, Blue Tooth, Wi-Fi etc. is banned. Only the telephone mode is allowed to be used. All infractions will result in disqualification from the race. Checks will be made throughout the rally.

Only GSM telephones and/or GSM's functions of PDA's, computers and other systems may be used from within the cockpit as a telephone on road sections.

#### Radio and transmissions

Only the following aeriels will be authorised:

- For the race GPS, provided by the organisers suppliers,
- Satellite and/or GSM link to the Tracking Devices, provided by the organisers suppliers

To the exclusion of all other type of aerial, linked or not, of type Standard C, D+, M, mini M, Argos, radios, telephones etc. All infractions may result in exclusion from the race.

The presence of one of these means of communication on board an assistance vehicle will result in the immediate exclusion from the rally of all competitors in the rally having any link other than GSM or satellite phone with the assistance vehicle in question.

11.2.2: The fitting of any type of GPS other than the model specified and supplied by ERTF is forbidden. The use of all types of navigation equipment other than those compulsory described below will result in exclusion from the Baja.

- 1- Trip meter. Total and/or partial distance recorder operated solely by the rotation of the wheels, gearbox or transmission. Compulsory.
- 2- Magnetic Compass. Indicates the compass (magnetic) heading of the vehicle. Optional.
- 3- Compass heading repeater linked to each fixed GPS. Optional.
- 4- A fixed GPS system supplied on a hire basis by the official navigation equipment supplier.

The following use restrictions apply:



A spare of items 1 & 4 may be fitted while there may only be one of item 2.

No linking of the equipment either internal or external is authorized except between items 3 & 4.

11.2.3: The following general restrictions apply:

- No navigation equipment with a mapping facility is permitted
- All equipment supplied by the organisers will incorporate a unique identification code as well as a means of checking the route followed by the competitor on the day's stage
- Checks will be carried out and equipment may be exchanged for verification purposes
- Penalties for infringement are up to and including disqualification.

**11.3:** Should a competitor arrive at the scene of an accident, which involves injury, they must stop and provide whatever assistance is appropriate until the arrival of the emergency services. A competitor who stops to aid another competitor may apply in writing to the stewards for a time allowance to be applied.

Any crew that witnesses an accident placing another competitor in physical danger must:

- Stop,
- Press the Emergency button on their 'tracking system'
- Contact Rally HQ using the either their tracking system, or a GSM Phone, to report the situation,
- Wait for the rescue service or another competitor to arrive,

At the request of the competitor on arrival at the end of the Leg, the stopping time between the arriving at the accident scene and departing the scene will be deducted from the time taken to cover the Selective Section. This applies only to the first crew, which stops at the scene of the accident, but if circumstances clearly dictate, then this will be the subject of the discretion of the Stewards.

11.3.1: Any competitor not complying with the above regulations will be reported to the Stewards who may impose penalties up to and including disqualification from the event.

11.3.2: In the event of a mechanical failure/ retirement during a Leg, in this case, you must notify the Clerk of the Course that you consider yourself to be retired on that Leg and request his permission to recover the vehicle and/or receive outside assistance (Authorized Assistance). You can wait for the Sweep/Course Closing Team to arrive and they will take you to the time control at the end of the leg. You must make your own personal arrangements, at your cost, for the recovery of your vehicle. Clarification: A competitor who retires from a leg but intends to restart must hand in his time card immediately on arrival at the time control at the end of the leg. Failure to hand in the time card will incur a penalty of 5 hours.

#### **11.4: Selective Sections**



11.4.1: Special Selective are sometimes run on non-private roads and Bedouin tracks in the desert and it is recommended to exercise particular care towards local traffic that may be in the vicinity. The average altitude of the total distance of selective sections is 100m.

### 11.5: Reconnaissance

Any form of reconnaissance of the route, whether by a competitor himself or any party associated, directly or indirectly, with a competitor is strictly prohibited. The possession of route notes, other than those issued by the organisers of the 2018 Dubai International Baja, or the storage of GPS waypoints from previous years' events is prohibited. Competitors who fail to observe these bans will be refused a Start or will be disqualified from the event. A commercially available map, free of any markings, other than those deduced from the organiser's road book may be carried on board a competing vehicle.

### 11.6: Tests

Competitors who wish to perform tests are obliged to notify the Organisers of their intentions, with details of dates/timing and obtain written permission. On application, areas within which it is permitted to test will be advised to the applicant.

## 12) Protest Procedure

**12.1:** Any competitor who is who wishes to appeal a decision from rally control must do so to the Steward of the event within 30 minutes of the publication of the provisional results of the event on the official noticeboard. The protest must be in writing and accompanied by the National Protest fee of AED 600.

**12.2:** Should the protest be unsuccessful; the competitor will forfeit the protest fee.

**12.3:** In the event of a protest, the awards ceremony will continue as scheduled and be based on the published results.

## 13) Summary of Penalties

SUMMARY OF PENALTIES	GP / SR NO.	ASN Sanction	Start refused	Disqualification	Time Penalty	Pecuniary Penalty	Penalty Stewards Discretion
Absence at briefing	GP 4.2					US\$100	
Retirement of a crew member or having 3rd party on board	GP 14.3			X			
Fraudulent action, incorrect, unsporting action by competitor or crew member	ISC 12.1	X		X			May go to X



Absence or incorrect positioning of race number or plate	GP 15.5					10% of entry fees	
Road Book not followed. Straying of more than 0.2 km from a Visible Waypoint (WPV)	SR 13.3.2				15 min per WPV		
Fitting and use of communications equipment	SR 13.3.4						May go to X
Fitting and use of Navigation equipment	SR 13.3.4 SR 13.3.5						May go to X
Absence or damaging of compulsory/optional advertising: 1 <sup>st</sup> offence 2 <sup>nd</sup> offence	GP 16.5					10% fees 100% fees	
Speeding above 30km/h in the designated assistance area	SR 14.3						May go as far as X
Refuelling Repairs in the Start of Leg Parc Fermé	GP 33/45		X	X			
Vehicle failing to comply with the safety regulations	GP 17.3		X				
Responsibility / Absence of identification marks	GP 18.2			X			

## 14) Retirements

**14.1:** In the event that a competitor retires from the event, it is their responsibility to report that retirement to the Safety Officer in Rally Control. Failure to do so will result in a penalty at the discretion of the Clerk of the Course or Stewards.

**14.2:** In the event that a vehicle is forced to retire in the stage, the Sweep Team will ensure that the crew are recovered and do what they can to assist with vehicle recovery, but the ultimate responsibility for recovering the vehicle will remain with the crew and their service team. Should a service crew wish to enter the stage to recover a vehicle, approval must first be granted by the Safety Officer.

## 15) Administrative Checks (AC)

### 15.1: Location

Administrative checks take place at Dubai Autodrome, Motor City, Dubai.

### 15.2: Time control

Both members of crews, taking part in the event, must be present at the Administrative Checks according to the established timetable.

The secretary records fact and time of appearance at the AC. The exact schedule will be published in an information bulletin on the web site [www.dubaiinternationalbaja.com](http://www.dubaiinternationalbaja.com) and ONB.



### 15.3: Original Documents to be present at the AC

Personal:

- Valid driver and co-driver FIA Competition license,
- Valid FIA Competitor license (Entrant/Competitor),
- ASN permission (stamp or ASN letter of approval) for the participants with licenses issued by an ASN other than the ATCUAE,
- Driving License valid for the driven vehicle type (for each driver),
- Entry form details and payment of entry fees,
- Signing of the Indemnity Form/Scrutineering document.

Vehicle:

- Certificate of ownership of the vehicle or authorization from the registered owner,
- Current vehicle registration document for the home country;

## 16) Scrutineering

### 16.1: Location

- In accordance with the established timetable.

### 16.2: Times / schedule

- In accordance with the established timetable – to be published on event website on 01st March 2018.

Scrutineering to be carried out in accordance with the timetable to be issued prior to the event. Any crew reporting to scrutineering and/or the administrative checks outside the time limits prescribed in the regulations will not be allowed to start, except in a case of force majeure duly recognized as such by the stewards. (2018 FIA Cross Country Rally General Prescriptions; Article 17.8).

16.2.1: Any vehicle and/or crew arriving more than 15 minutes late of their assigned time will incur a penalty of \$100 for every 15 minutes of lateness.

16.2.2: Only those crews who have completed the Documentation / Administrative checks may present their vehicle at Scrutineering in accordance with the published time schedule.

16.2.3: Competitors must comply with the following when arriving for scrutineering:

1. All rally plates, competition numbers and advertising plates must be in position (refer to SR, Articles 5 and 6).



2. Produce safety helmets and safety clothing for inspection for compliance to National Regulations.
3. Produce the Scrutineering booklet – as issued at Documentation.
4. Produce GPS in working order, fitted permanently to the vehicle.
5. Produce the provided tracking device in working order.
6. Produce the Sentinel Device, in working order, fitted permanently to the vehicle.

Scrutineering carried out before the Start of the rally will be of a general nature to ensure general conformity with the Group and Class entered, essential safety items are carried and conformity with the national Highway Code, this Scrutineering does not in any way infer that the vehicle in concern complies with the technical regulations.

**16.3: TV RIGHTS – ON BOARD CAMERAS:** If required by the Organiser, a competitor must carry an on-board camera or other recording device. This will be fitted by the supplier of the recording device and must be approved by the scrutineers (2018 FIA Cross Country Rally General Prescriptions; Article 50).

## 17) Technical Regulations – Buggy and (SxS)

### 17.1: Tyres

Tyres are free (Recommend in accordance with Art.12 of the 2018 FIA Cross Country Rally General Prescriptions).

17.1.1: Inflating / deflating operation must only be carried out while the car is not in motion.

### 17.2 Fuel

Fuel must be:

- Unleaded; and
- Be no more than 98 RON.
- Fuel is available at the **RALLY HQ next to 'Parc Ferme'**, and designated refuelling zones as per the roadbook / service book, and it is included in the entry fees (Competition / Service vehicles bearing identification stickers will only be allowed to refuel here).

### 17.3 Chassis & Safety Cage

17.3.1: Must have a safety cage according to National Emirates Desert Championship Standard Found [Here](#). (Recommended according to FIA homologation regulations for Safety Cages)

17.3.2: The chassis must be of steel tubular frame.

### 17.4 Fuel Cell



17.4.1: The tank must be contained in a housing attached to the chassis/Safety Cage, housing should be aluminum with a minimum thickness of 3mm or 10mm with composite material.

17.4.2: Custom made aluminum tanks will be allowed. Roto-Moulded tanks allowed. (Recommended minimum FIA FT3-1999)

17.4.2.1: Fuel Cell baffle foam is recommended.

17.4.3: The filler cap and vent lines must be routed either behind, below or to the outside of the driver/passenger compartment.

### **17.5 Bodywork**

17.5.1: The windscreen is optional. If fitted, must be made of laminated glass.

17.5.2: The vehicle must be fitted with at least one rear-view mirror to ensure that the driver can view vehicles behind him when in the seated position. (Recommend two side mirrors)

17.5.3: All original interior body panels in the passenger compartment must remain fixed and or cover any openings as originally supplied from the manufacturer.

17.5.4: Vehicles must have retained the factory installed forward facing headlights and or at least one aftermarket replacement light rated at 55Watts or greater. These lights must be operational. (For safety reasons i.e., dust/fog)

17.5.5: Rearward facing brake lights and or chase/amber light.

17.5.6: Vehicle must be fitted with a spare wheel. (This is due to the distance covered in the event)

17.5.7: No part of the bodywork may present sharp edges or points.

### **17.6: Cockpit**

17.6.1: The fire extinguisher must be securely installed in the vehicle within reach of the competitor.

17.6.2: FIA certified seats are recommended. Suspension seats designed **FOR MOTORSPORT** with a metal frame, covered in foam padding and a seat cover are allowed. These seats must have 5 or more slots for seat belts to be mounted through them.

17.6.3: A seat belt cutter must be within reach of the competitor when in the cockpit.

17.6.4: No mechanical part may protrude into the interior of the cockpit. Any equipment that could involve a risk must be protected or insulated and must not be situated in the cockpit.

17.6.5: Vehicles without side windows must be fitted with lateral protection nets in accordance with Appendix J article 283-11 or SFI Specs 27.1.



17.6.51: 1 Seater Buggys must have lateral protection nets both sides.

17.6.52: 2/4 Seater Buggys with 1 Competitor (Driver) must have a lateral protection net on the driver's side.

17.6.53: 2/4 Seater Buggys with 2 Competitors (Driver & Co-Driver) must have lateral protection nets on both sides.

17.6.6: Seat belts anchorage points shall meet or exceed FIA regulations as specified in Safety Equipment for Cross Country Vehicles Appendix J Article 283 Art 6.2.

17.6.7: Roll Bar protective padding must be installed. (Recommended padding used in Art. 283.8.3.5 of the 2018 Appendix J).

### **17.7: Engine**

17.7.1: The location of the engine is from standard vehicle. No preparation or modification of engine internal. Possibility to add an alternator or modify the standard alternator. Injector ramp is free but injectors must remain standard.

17.7.2: Both Turbo and N/A variants are allowed.

17.7.21: Maximum Engine size for N/A without restrictor shall be 1050cc. Engines fitted with a size greater than 1050cc will be fitted with a 32mm restrictor. All restrictor design, material, retention and sealing regulations will be in accordance with appropriate FIA regulations. In order to achieve parity, restrictor sizes will be subject to change. Any such changes will be announced by the Organising Body within 7 days of results being posted for the previous event.

17.7.22: Maximum engine size for turbo without restrictor shall be 1050cc. Intake and exhaust systems are free however no portion of the OEM turbocharger/ supercharger may be modified, machined or substituted.

17.7.3: Turbo – Any engine fitted with non-OEM or forced induction system must be fitted with a 32mm restrictor in accordance with FIA regulations relative to materials and design (Appendix J Art 284).

17.7.4: Air filter and position free.

17.7.5: Engine to Transmission must be standard from the concerned vehicle.

17.7.6: Engine water radiator and fan is free, but air flow to this radiator must not pass through cockpit as to protect the crew from any cooling liquid splash in case of a leak. Electric line for fan is free.

17.7.7: Water pump must be standard.





## **17.8: Exhaust System**

17.8.1: Free. In case of turbo. Free only after turbo.

17.8.2: The exhaust must exit from the rear of the vehicle and be visible.

## **17.9: Gearbox**

17.9.1: The gear ratios must remain standard for the vehicle. They must be available through the manufacturers commercial network.

17.9.2: CVT Type – Belt is free provided they are available through the manufacturers commercial network.

17.9.3: Manual – Must come from the same vehicle as the engine and must be coupled to the engine in the same manner as in the production vehicle. The Gearbox casing must be standard apart from the machining of apertures for oil supply only.

17.9.4: The gear change mechanism must be the same as the standard vehicle.

## **17.10: Suspension**

17.10.1: Uprights, wheel bearings and hubs must come from the standard vehicle.

17.10.2: Steering tie rods are free.

17.10.3: The power steering should stay standard as well as the mechanism position.

17.10.4: The adjustment of the springs and/or shock absorbers from the cockpit is forbidden.

17.10.5: Only one antiroll bar per axle is permitted. The adjustment of the antiroll bars from the cockpit is forbidden.

## **17.11: Wheels**

17.11.1: Free

## **17.12: Braking**

17.12.1: Free. Provided that it is operated and controlled by the driver only.

17.12.2: Pressure is the identical on the wheels on the same axle.

## **17.13: Personal Protection Equipment**



17.13.1: Helmet – Must be either FIA or FIM approved in conjunction with an SFI approved – Certified Manufacturer. Must in good condition with no cracks or dents. Must be in valid date (5 years from date of manufacture). FHR device is recommended.

17.13.2: Race Suit – Must be either appropriately FIA Homologated or SFI approved – Certified Manufacturer. Must be in good condition with no holes or tears. Must be in valid date (5 years from date of manufacture).

17.13.3: Gloves, Balaclava, Socks and Shoes – Must be either appropriately FIA Homologated or SFI approved – Certified Manufacturer. Nomex Underwear recommended. Must be in good condition.

17.13.4: 3 litres of water per crew member, must be carried aboard the vehicle, either in a camelback or a safely secured vessel.

## 18) Technical Regulations – AUTO (CARS)

**18.1: T1** – Please see Emirates Desert Championship (EDC) Regulations. No Restrictions, providing they comply with scrutineering. All vehicles must hold a Technical Passport issued by the FIA, ATCUAE or their own ASN.

**18.2: T2** – Please see Emirates Desert Championship (EDC) Regulations. No Restrictions, providing they comply with scrutineering. All Vehicles must hold a Technical Passport issued by either the FIA, ATCUAE or their own ASN.

**18.3: T3** – Please see Emirates Desert Championship (EDC) Regulations. No Restrictions, providing they comply with scrutineering. All Vehicles must hold a Technical Passport issued by either the FIA, ATCUAE or their own ASN.

### 18.4: Personal Protection Equipment

18.4.1: Helmet – Must be either FIA or FIM approved in conjunction with an SFI approved – Certified Manufacturer. Must in good condition with no cracks or dents. Must be in valid date (5 years from date of manufacture). FHR device is recommended.

18.4.2: Race Suit – Must be either appropriately FIA Homologated or SFI approved – Certified Manufacturer. Must be in good condition with no holes or tears. Must be in valid date (5 years from date of manufacture).

18.4.3: Gloves, Balaclava, Socks and Shoes – Must be either appropriately FIA Homologated or SFI approved – Certified Manufacturer. Nomex Underwear recommended. Must be in good condition.

18.4.4: 3 litres of water per crew member, must be carried aboard the vehicle, either in a camelback or a safely secured vessel.



### 18.5: Tyres

Tyres are free (Recommend in accordance with Art.12 of the 2018 FIA Cross Country Rally General Prescriptions).

### 18.6: Fuel

18.6.1: Fuel must be:

- Unleaded; and
- Be no more than 98 RON.
- Fuel is available at the **RALLY HQ next to 'Parc Ferme'**, and designated refuelling zones a per the roadbook / service book, and it is included in the entry fees (Competition / Service vehicles bearing identification stickers will only be allowed to refuel here).