



New from 2018 Extreme Malta Classes rules and Regulations

## **Extreme 2 class**

**Class for 2 rotors (rotary engines), 4 cylinder or 5 cylinder up to 2.9liter. Including multi valve, twin cam, turbo charger and super Charger/ or No2. NO other adder is allowed. Only two adders can be used.**

**Minimum weight for  $\frac{3}{4}$  chassis 1900LBS- 862kg including driver.**

**Full tube chassis cars such as pro stock, door slammer 2000LBS-907kg include driver**

**Engine: Production based engines only, any position is allowed. Engine swaps permitted. Aftermarket blocks or cylinder heads permitted. Replacement cylinder head must be bolt to original block shape, and function, with no modifications. Replacement block must accept original cylinder head, and function, with no Modifications. Dry-sump and crankcase evacuation systems permitted. NO other source of power can power or help the drive train of the vehicle such as Electrical motors.**

**The Engine has to be mounted/ bolted direct to chassis or motor plates in front and back, engine location has to be located in front of driver**

**Exhaust, waste gates outlets are NOT allowed to face the track surface, vehicals equipped with turbo charger is a must to have the protective bars/bolts across the outlet of 10mm minimum diameter**

**An engine under tray/ nappy must cover the entire engine bay to protect track surface from any liquid leakages. ONLY water or approved coolant can be use as an engine coolant**

**Any type of body/ material can be used but have to remain close to factory design, any type of light weight material can be used**

Front end can be one piece and made of any material, all vehicles must have a minimum 2 functional doors. Dragster or Funny car is NOT permitted  
Tubed chassis, pro stock and pro mod with a maximum wheel base of 105" – 266cm, all factory chassis can be removed and a custom full tube chassis may be used instead.

For those that are building a new vehicle, a full tube chassis type, full chrome molly tubing material with a funny cage is a must, the main 6 point cage material have to be NOT less than 42mm diameter (1 5/8") 2mm wall thickness.

Wheelie Bars: Any adjustability during run prohibited, must be fixed during run. Hydraulics, pneumatics electronics, etc. are not allowed. Wheelie-bar wheels must spin free at the starting line before launch. Can be adjusted only manually after burnout.

Rear suspension: any type is permitted including traction bars/ladder bar devices and four-link suspensions. Must have one working shock absorber/strut per wheel with minimum travel of 25mm.

Any size of drag slick tires can be used .. Drag radials are NOT permitted.

If the vehicle is NOT equipped with a SFI bell housing, a plate of 6mm thickness has to cover the bell housing, the drive shaft has to be fully covered from inside compartment, secured with a surrounding loop pipe.

Fly wheels have to be made of steel or aluminum 7075

Any type of transmission can be used manual shifting or air shifted Automated, timer-type, electric, electronic, hydraulic, etc. shifting

5 point seat belt harness is a must with a minimum of 3" belts with SFI certification, a certified SFI window net must be used.

Any type of seat can be used such as carbon fiber, fiber glass, aluminum and racing approved, the driver seat must be bolted direct to chassis with minimum of 4 bolts M10.

Interior can be covered with aluminum or carbon fiber; the firewall must be fully sealed from the driver compartment.

All fuel/oil tubing lines must be high quality stainless steel/ Nylon braided and must be passed far as possible from driver side and protected from any exhaust heat.

Oil catch tanks have to be mounted at the back of the vehicle and NOT less of 7 liters capacity

Fuel cell/tank must mount secure inside engine compartment or in boot.

Two main switches have to be installed and fully functional; one at the back of the vehicle with a sign and one near driver, important that when the main switch is turned OFF the engine immediately shut off. Batteries that are liquid type must be installed outside the driver compartment, others such as gel/ lithium can be mounted secured anywhere

A parachute is a must, if vehicle will go faster than 190MPH two parachutes have to be equipped. Mounting point must be direct to chassis/ roll cage.

Full face racing helmet have to be used! a bike/ Motor cycle Helmet is NOT allowed, the driver's responsibility to wear a minimum of SFI 15.1 racing suit with SFI/FIA certification, a neck brace Hans type, racing shoes and gloves have to be worn during the entire duration of the race.

1 x 3kg fire extinguisher is a must and updated, all glass have to be replaced with Lexan glass/ plexi glass.

Observation run: the Vehicle must pass from 3 runs, 1: burnout and 60ft, 2: burnout and 660feet, 3: burnout and full pass, only the MDRA officials is responsible to pass the vehicle, and only their decision to certify that vehicle is ready to race in competition. The vehicle has to pass from the MDRA official's inspection and meet all rules written

Fuels: Any type of fuel can be used such as All racing fuels, including alcohol, Methanol, and E85. **Other fuel that mixed or contains with nitromethane and NITROMETANE is NOT allowed.**

This particular Extreme class 2, All vehicle can participate in 2 classes only per event,

**General rules to follow:**

- 1. Is a must to remove to safety parachute pin Before Burn out**
- 2. Maximum of 5 crew persons per Vehicle + Driver only can assist after entering the fire up lane gate! Important that crew pass is visible all the time, no one is allowed to drink or carry any type of alcoholic beverage inside the fire-up lane.**
- 3. The vehicle has to be equipped with a self-starter and have to be with driver ready in the fire up lanes**
- 4. Only 1 towing vehicle can tow the vehicle in the fire up lane and back after the runs**
- 5. 1 operation back light have to be illuminate all the time when racing in dark or night events**

**Winners**

<b>Between 2 competitors</b>	<b>1<sup>st</sup> Place Only</b>	<b>Winner</b>
<b>Between 3 competitors</b>	<b>1<sup>st</sup> Place Only</b>	<b>Winner</b>
<b>Between 4 competitors</b>	<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Place</b>	<b>Winner</b>
<b>Between 7 competitors</b>	<b>1<sup>st</sup>, 2<sup>nd</sup>, &amp; 3<sup>rd</sup> Place</b>	<b>Winner by time</b>
<b>1 competitor</b>		<b>Is NOT a winner, but MDRA Will provide a shield</b>

**MDRA has the right to inspect/ check all vehicles at any time during event without any notice! If the scrutineered vehicle is found with any missing safety equipment, or not up to standard within the MDRA rules, or is found to have less weight than required in this class, the vehicle will be disqualified from the event and from the next event. The driver will lose 40 points from the championship.**

**Update 03/03/2018  
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