



Technical Regulations

2012

TECHNICAL REGULATIONS

(The regulations are subject to change, which will be published via Additional Supplementary Regulations – ASR)

1. GENERAL

1.1. Eligible cars

Any 4 wheeled production based car, kit cars or limited production sports car.

2. CATEGORIES

2.1. Cars for MegaLap are classified into two major categories:

2.1.1. Non-competition-prepared road cars:

- Car not been prepared specifically for competition ie no seam welding or stripped interior.
- Fitted with interior luxuries such as carpets, door trim, centre consoles, sound proofing.
- Removal of Air-conditioning unit and In Car Entertainment components is not allowed. Both items must be in functioning condition.
- No stripping of the interior is permitted except to accommodate safety equipment. Safety equipment is defined as Roll Cages and safety harness.
- All Vehicles must be available for purchase from a major manufacturer currently/previous as a factory OEM vehicle.
- Carbon fibre and other lightweight bodies are allowed, all bodies must still retain the OEM factory body look and style.
- OEM Glass front screen must be retained.
- OEM strut towers must be retained and used.
- OEM floor must be retained.
- OEM firewall must be retained.
- *Recommended* to have a minimum a 4-point roll cage, a 4-point harness, an internal and external electrical cut-off switch, and a fire extinguisher.

2.1.2. Competition-prepared cars:

- Specifically-prepared for competition and not driven on a daily basis.
- Any car with a welded rollcage.
- All Vehicles must be available for purchase from a major manufacturer currently/previous as a factory OEM vehicle.
- May be stripped of any interior equipment such as carpets, interior trim centre consoles, etc. *However dashboard/instrument panel and door panels are required.*
- The original bonnet, roof, doors and rail panels (door frames) must remain as standard but may be made of a lighter or composite material.
- Must have a minimum a 4-point roll cage, a 4-point harness, an internal and external electrical cut-off switch, and a fire extinguisher.
- For Open Spec only:
 - OEM Glass front screen must be retained. All other windows may be replaced with lexan etc.
 - OEM strut towers must be retained and used.
 - OEM floor must be retained.
 - OEM firewall must be retained.

2.2. Categories for Non-competition-prepared road cars:-

- **Clubsprint Spec: Road-Spec** (Road tyres only, no supercars or rear-engined cars, up to 2500 cc)
 - **VTEC & FI** – FF, RWD and 4WD drive layouts.
 - **NA** – Normally Aspirated Non-VTEC FF, RWD and 4WD drive layouts.
 - **Campro Chase** – Proton CAMPRO-engine vehicles only.
 - **CVT** – CVT Transmission, Normally Aspirated OEM engine up to 2000cc only.
 - The gearbox transmission must be an OEM production transmission ie no sequential aftermarket specials.
- **Pro Spec** (Listed Semi Slick Tyres)
 - **FF Festival NA** – Front Engine Front Wheel Drive cars. Normally Aspirated Engines.
 - **FF Festival Forced Induction** – Front Engine Front Wheel Drive cars. Forced Induction Engines.
 - **RWD Pursuit** – Front/Mid/Rear Engine Rear Wheel Drive. Normally Aspirated & Forced Induction Engines.
 - **4WD Battle**- 4-wheel drive cars. (NO SPORTS UTILITY VEHICLE, PICKUP TRUCKS).
 - **Supercars** - Front/Mid/Rear Engine, Rear/4 Wheel Drive, Normally Aspirated & Forced Induction Engines Supercars

2.3. Competition-prepared cars

- **Open Spec** (Listed Semi Slick Tyres)
 - **Open Season 2WD**- Racing and competition-prepared, FF, RWD, Normally Aspirated or Forced Induction Engines. Semi Slicks Tires.
 - **Open Season 4WD**- Racing and competition-prepared, 4WD, Normally Aspirated or Forced Induction Engines. Semi Slicks Tires.
 - Vehicles must be based on an existing production bodyshell. No spaceframe chassis.

3. MODIFICATIONS

3.1. Modifications made to the vehicle cannot compromise the safety or structural integrity of the vehicle.

4. SAFETY EQUIPMENT/BODYWORK/DRIVER ATTIRE

- 4.1. Safety equipment including roll cages, fire extinguishers, cut off switches for electrical and fuel systems, four point seat belts are recommended.
- 4.2. For Open Spec and Outlaw Spec categories, a bolt-in or welded Roll cage must be installed. It must be secured at four points or more with secure bolts or welded on. Mounting points are the base of the B Pillar and the rear wheel arch or suspension turret.
- 4.3. Should safety equipment be installed, interior can be stripped of certain trim to facilitate installation ie rear seat back, wheel arch trim etc.
- 4.4. Headlights and tail lights are recommended to be taped up. Brake lights must be functional.
- 4.5. No engine leaks of any kind.
- 4.6. No loose items within engine bay.
- 4.7. Poorly engineered and poorly attached bars inside the cabin are not allowed.

- 4.8. Any soft-top / cabriolet cars must have the Hard-Top installed.
- 4.9. Tow Hooks or straps must be clearly visible with accompanying Sticker.
- 4.10. Drivers are required to wear proper auto/motor Helmets. No Bicycle Helmets allowed.
- 4.11. **Open Spec and Outlaw Spec category are required to wear proper racing attire: Racing suit, shoes, and gloves.**
- 4.12. Prohibited to wear **Shorts, slippers or open-toe shoes.**

5. TYRES

- 5.1. Slick tyres are allowed only in Outlaw Spec.
- 5.2. For Clubsprint Spec and Pro Spec classes, the tyres ruling shall follow that of the World Time Attack standards.
- 5.3. Pro Spec:

All vehicles must use semi-slick tyres off the following list:

Manufacturer	Tyre
Yokohama/Advan	A048R, AO50R
Bridgestone	RE540S, RE55, RE-11S
Dunlop	Formula R (D83J, D93J, D01J, DZ02G, DZ03G)
Federal	595RSR, FZ201
Kumho	Ecsta V700, V70A
Michelin	Pilot Sport Cup, TB15
Pirelli	P Zero C, P Zero Corsa
Silverstone	FTZ Sport Tyre RR, S575, S585
Toyo	Proxes RA-1, Proxes R888, Trampio R881
Hankook	Ventus Z221
Nitto	NT01

- 5.4. Clubsprint Spec:
 - 5.4.1. All vehicles must run on street tyres with a UTQG (treadwear) rating higher than 120. If the tyres fitted to your vehicle have a UTQG rating under or equal to 120 you may be moved into the Pro Spec class or refused entry entirely.
 - 5.4.2. These are street tyres that are not in the semi-slick list above.
 - 5.4.3. Tyres with the markings "NOT FOR HIGHWAY USE" or "FOR COMPETITION USE ONLY" or similar, are not street tyres
- 5.5. Due to the vast market of street and semi-slick tyres, if you have a tyre which you would require to be categorised and is not in the list above, please do contact the Organisers.