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2025 - 2026 WOMZA AMERICAN SALOONCLASSES
LEXUS / FLEXI A DIRT AND TAR

INTRODUCTION:

Competitor age restriction general:

Minimum age 13 years old for club level entries only;

- **Competitor's minimum age - 14 years old are permitted to enter this class at regional and national level with the approval of their promoter and local TC Representative.**

Vehicle widths and lengths general:

- **Reference to length and widths in the regulations shall be defined as, length, measure in the direction of, from the front of the vehicle to the back (includes bumpers) but excludes purpose built pipe bumpers and width being measured from left to right of the vehicle, (body work only), excludes any side pipe rails;**

Anything not specifically mentioned or what is not written, is not permissible

SAFETY / TECHNICAL & CONSTRUCTION REGULATIONS

CLASS TECHNICAL REGULATIONS

SAFETY:

DRIVING STYLES:

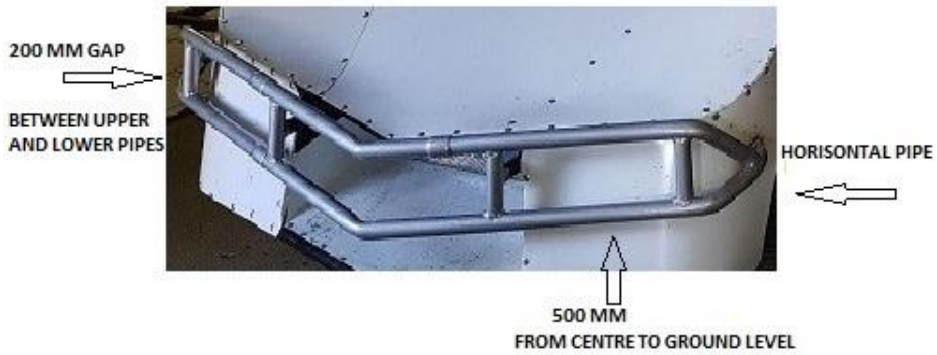
TAP AND SPIN AS DESCRIBED – NATIONAL RULE:

- Vehicles may, only be spun towards the inside of the track;
- Spinning off is only permitted from the corner marker to the middle of the following straight – Spinning out Apexes;
- The Clerk of the Course shall exclude competitors who spin vehicles to the outside of the track or outside the spinning zone;
- No contact, bumping, or shunting is permitted at the end of the straight upon entering the corners;

- Passing manoeuvres and non-contact shall however be permitted;
- Once a vehicle has been passed/overtaken, the vehicle that was passed may not interfere with the leading vehicle for the first corner and straight or the first straight and corner;
- Contact is only permitted inside the spinning zone;
- There shall be no contact made in the first lap or the first corner after a restart, offenders will be placed to the back of the pack;
- There shall be no contact made in the last corner, offenders will earn the last position points and dependent on the severity of the take out, may be disqualified for that particular heat;

	DESCRIPTION	LEXUS	FLEXI A
GFTC1	**ELIGIBILITY OF VEHICLE AND BODIES:**		
1.1	Only hand build wedge shape bodies manufactured according to the class regulations are allowed.	✓	✓
1.2	No Tin Top bodies allowed	✓	✓
1.3	Rear wheel drive;	✓	✓
1.4	Wedged shaped vehicles may retain their entry through the roof but the gap on the side between the roof and the body must be big enough for easy excess;	✓	✓
1.5	No aerodynamic devices (Gurney Lip, boot spoiler) will be allowed outside the body work;	✓	✓
GFTC2	**FIRE WALLS/PROTECTOR WALLS**		
2.1	Vehicles must have metal firewalls between the driver's compartment and engine, between driver's compartment and fuel cell or fuel tank;	✓	✓
2.2	All firewalls are to be constructed of metal only;	✓	✓
2.3	Plastic, fiberglass and rubber fire walls;	✗	✗
2.4	Fire walls will in all cases may not have any holes, other than where pipes are lead through with precise fitment;	✓	✓
GFTC3	**VEHICLE CONSTRUCTION**		
3.1	Body work		
3.1.1	Vehicles shall be constructed using the following sizes and thickness of materials;	✓	✓
3.1.2	Metal: Maximum 1 mm thick;	✓	✓
3.1.3	Aluminum: Maximum 1.6 mm thick;	✓	✓
3.2	**CHASSIS:**		
3.2.1	Only space frames permitted;	✓	✓
3.2.2	The material to be used to construct the chassis shall be square tubing a minimum of 38mm x 38mm x 2 mm;	✓	✓
3.2.3	The balance of contruction:the metal used shall not exceed the following sizes;	✓	✓
3.2.4	Square tubing 50mm x 50mm x 3mm;	✓	✓
3.2.5	Piping 50mm x 3mm;	✓	✓
GFTC4	**DIMENSIONS AND WEIGHTS**		

4.1	All four wheels of the vehicle to fit within the body of the vehicle, which in turn must comply with the maximum dimensions of the vehicles;		
4.2	Maximum wheelbase length – 2.5 m;		
4.3	Maximum wheelbase width – 2 m**;**		
4.4	The vehicle may be weighed at any time, including driver; excludes weight of fire extinguishers and fuel;	1000kg	1000kg
4.5	No weight tolerances will be permitted;		
GFTC5	**BRAKES**		
5.1	**Brakes General:**		
5.1.1	Brakes on all four wheels;	✓	✓
5.1.2	ABS brake system or electronic driving aids;	✘	✘
5.1.3	Brake balancing, only between front and rear not from side to side;	✓	Open
5.1.5	Maximum disk size OD 280mm;	✓	Open
5.1.6	Brake lights are mandatory and operational always;	✓	
5.1.7	Brake lights must be red and be mounted in plain sight for competitors to observe without restriction;		
5.2	**Brake light specifications: -**		
5.2.1	Red LED - minimum 200mm length;		
5.2.2	Minimum of 75% of the LED's must be operational;		
5.2.3	Red light – round, minimum of 50mm in diameter and a maximum of 100mm;		
5.2.4	Rectangular or square brake lights shall be a minimum of 50mm square with a maximum of 100mm;		
5.2.5	Brake light appearance shall always remain bright, any dull brake light appearance may be rejected by the scrutineer;		
5.3	**Brake Mechanism: -**		
5.3.1	Multi pot calipers front and rear (per wheel);	2 max	6 max
5.3.2	Brakes free with exception of the use ABS or any other electronic driving aids;	✓	✓
5.3.3	Brake balancing, only between front and rear not from side to side;	✓	✓
5.3.4	Maximum disk size OD 280mm;	✓	Open
GFTC6	**BUMPERS**		
6.1.1	**BUMPERS FRONT:** Bumpers must be mounted with four mounting points, inclusive of the mounting to the internal pipe;	✓	✓
6.1.2	The mounting points that connect the bumper to the Chassis must be horizontal at a height of 500 mm from there the gap between the pipes will be maximum of 200 mm apart upright must be center ;	✓	✓
6.1.3	Bumpers may not have any sharp edges or been manufactured in such manner that it can hook onto a norther vehicle;	✓	✓
6.1.4	Welding at least 70%;	✓	✓
6.1.5	Max size pipe used 38mm x 2mm for front and rear bumper;	✓	✓
6.1.6	Bumpers will have 2 horizontal pipes, and 4 uprights, 2 of the uprights shall be placed in the corners of the bumper;	✓	✓
6.1.7	The other 2 uprights of a maximum of 3mm shall be placed at the point from the corner and the center of the vehicle on both sides;	✓	✓

6.1.8	Bumpers may not extend rearward of a point in line with the rear edge of the tyre of the front wheels, and must be rounded back to the internal bumper mounting pipe via a bolt on flange or welded where it enters the body of the vehicle;	✓	✓
6.1.9	The 2 pipes shall be angled to join each other at the point where they enter the body, either the upper or the lower pipe shall remain horizontal when viewed inside elevation;	✓	✓
6.1.10	Bumpers must be 400mm-500mm above ground level, subject to a tolerance of 50mm from the centre line;	✓	✓
6.1.11	The 2 horizontal pipes must be a maximum 200mm apart;	✓	✓
6.1.12	All vehicles must have external bumpers;	✓	✓
			
6.1.13	No internal bumper allowed	☜	
6.2.1	**REAR BUMPERS:** Bumper must be mounted with 4 mounting points, inclusive of the mounting to the internal pipe;	✓	✓
6.2.2	Bumpers will have 2 horizontal pipes, and 4 uprights, 2 of the uprights shall be placed in the corners of the bumper;	✓	✓
6.2.3	The other 2 uprights shall be placed at the centre point from the corner and the center of the vehicle on both sides;	✓	✓
6.2.4	The mounting points that connect the bumper to the Chassis must be horizontal at a height of 500 mm from there the gap between the pipes will be maximum of 200 mm apart upright must be center ;	✓	✓
6.2.5	Bumpers may not have any sharp edges or been manufactured in such manner that it can hook onto a norther vehicle;	✓	✓
6.2.6	Welding at least 70%;	✓	✓
6.2.7	Max size pipe used 38mm x 2mm for front and rear bumper;	✓	✓
6.2.8	The other 2 uprights of a maximum of 3mm shall be placed at the point from the corner and the center of the vehicle on both sides;	✓	✓
6.2.9	Bumpers must be 400mm-500mm above ground level, subject to a tolerance of 50mm;	✓	✓
6.2.10	The 2 horizontal pipes must be 200mm apart;	✓	✓
6.2.11	Max size pipe used 38mm x 2mm for front and rear bumpers;	✓	✓

6.3	**SISSY BARS:**		
6.3.1	Pipe size 38mm x 3mm; To be mounted in line with front and rear bumper (500mm off the ground level);	✓ ✓	✓ ✓
6.3.2	Sissy bars shall have 3 vertical supports bolted or welded;	✓	✓
6.3.3	No sharp edges; mounting points to be mounted on the bends where the pipe meets the body;	✓	✓
GFTC7	**STEERING AND SUSPENSION**		
7.1	Any tape of double wishbone front suspension may be used as well as 123 and 124 Mercedes front suspensions may be used;	✓	open
7.2	Coil springs are free no coil overs allowed;	✓	open
7.3	Self-manufactured suspension may be used;	✓	open
7.4	The use of one rose joint per side will be allowed;	✓	open
7.5	Competition shocks ;(but with no bump and rebound adjustment)	✘	✓
7.6	A maximum of 4 shocks in total per vehicle will only be permitted;	✓	✓
7.7	Only oil and gas filled shocks allowed;	✓	✓
7.8	Anti-rollbar ;	✘	✓
7.9	Only two rose joints;	✓	open
7.10	Power steering box, rack or normal steering rack may be used;	✓	open
7.11	Spring adjustment;	✓	✓
7.12	Only independent rear suspension;	✓	✓
GFTC8	**EXHAUSTS:**		
8.1.1	Exhausts and silencer boxes mandatory and must comply to prescribed noise levels; Maximum decibels 108, measured 1metre away at 5000rpm;		
8.1.2	Only standard exhaust manifolds may be used;	✓	open
8.1.3	The rear flange of the manifold may be removed;	✓	✓
8.1.4	A balancing pipe may be fitted;	✓	✓
8.2	**Exhaust Fitment**		
8.2.1	Exhaust tail pipes passing out the side of the vehicle may only do so at a maximum height of 450mm, measured from top of the pipe to the ground must be horizontal;		
8.2.2	All piping shall be secured with saddles, preventing exhaust pipes from coming free in the event of it breaking off;		
GFTC9	**FLYWHEELS**		

9.1	Flywheels and clutch;	✗	open
9.2	Cast steel/iron, Aluminum and metal fly wheels;	✗	✓
9.3	It is highly recommended that the use of steel or Aluminum fly wheels are used;	✗	✓
9.4	When lightening fly wheels, keep the lightening limited for safety purposes;	✗	✓
GFTC10	**FUEL**		
10.1	Pump fuel performance enhancing additives;	✓	✓
10.2	Methanol and methanol lubricants;	✗	✓
GFTC11	**FUEL MANAGEMENT AND CARBURETION**		
11.1	After market management systems;	✓	✓
11.2	Only standard type throttle body may be used, maximum size 70mm;	✓	open
11.3	Only standard Fuel injection systems;	✓	open
11.4	Carburation;	✗	open
11.5	Slide throttle bodies;	✗	✗
GFTC12	**ENGINE**		
12.1	Dry sumps;	✗	✓
12.2	Turbo\supercharger;	✗	✓
12.3	Air Cleaners and air boxes are open;	✓	✓
12.4	Engine be solid mounted;	✓	✓
12.5	Removal of alternators or charging system;	✓	✓
12.6	Balancing of engine;	✗	✓
12.7	Camshaft ;	standard	open
12.8	Intake manifold;	standard	open
12.9	Compression ratio;	standard	open
12.10	Piston and rods;	standard	open
12.11	Any lubricants permitted	✓	✓

LEXUS CLASS	
12.12.1	**ENGINE:** Only standard Lexus engines 1UZ, the VVTI engine is not permitted, with automatic gearboxes are permitted;
12.12.2	**ENGINE POSITIONS:** The rear face of the engine block may not protrude beyond the centre line of the wheelbase;

FLEXI A CLASS	
	ENGINE:
12.13.1	Any modifications may be made to the engine, gearbox;
12.13.2	Only six and eight and twelve cylinder engines may be utilized;
12.14.1	**ENGINE POSITIONS:** The rear face of the engine block may not protrude beyond the centre line of the wheelbase;
12.14.2	The rear face of the engine is where the bell housing and the engine meet;

12.14.3	The engine may not be fitted with a offset of more than 50mm from the centre line of the vehicle;		
12.14.4	The vehicle must be built symmetrically when viewed/measured from the front or rear;		
GFTC13	**TRANSMISSION**		
13.1	Limited slip differentials;	✖	✖
13.2	Only standard talk convertors are permitted;	✓	Open
13.3	Only automatic boxes permitted – no changes allowed;	✓	Open
13.4	Any production vehicle gearbox permitted;	✖	✓
13.5	Gear box, gear rations and gear sets;	✖	Open
GFTC14	**WHEELS AND TYRES**		
14.1	Double wheels;	✖	✖
14.2	Normal, road legal tyres new or re-tread;	✓	✓
14.3	Tyres may not bare the inscription "not for highway use, for racing purposes only";	✓	✓
14.4	Tyre identification – under no circumstances may the tyre manufacturer's original extruded side wall markings, indicating manufacturer's details, size, profile, country of origin, ratings, serial numbers and batch codes be removed or altered;	✓	✓
14.5	No Rally tyres or slicks permitted;	✖	✖
14.6	Any 205 up to 16"; This rule complies to the Lexus class as long as the tyres are freely available;	✓	✓
14.7	Maximum road legal tyre size 205mm, rim size 17"	✖	✓
14.8	Maximum rims size permitted	10J	10J
14.9	Wheels may not protrude beyond the bodywork;	✓	✓
14.10	Plastic rims;	✖	✖
14.11	Bead Locks – number per vehicle per rim and/or "Free shall mean one per rim";	✖	4
14.12	Beat protectors allowed;	✓	✓
14.13	Grooving of tyres permitted	✓	✓
GFTC15	**WINGS:**		
15.1	Wing end plate size – maximum (measured in mm);	500x500	500x500
15.2	Maximum End Plates;	4	4
15.3	Wing to be mounted 200mm above the rear of car, the wing vane may not be higher than 300mm above the roof of the vehicle;	✓	✓
15.4	The length of the vane when measured from front to back may not exceed 500mm;	✓	✓
15.5	A Minimum gap of 200mm between the body work and the vane of the wing must be kept open for visibility from behind;	✓	✓
15.6	Wings are **not** allowed to be wider than the width of the vehicle;	✓	✓
15.7	No overhang permitted at the back of the vehicles;	✓	✓

TECHNICAL CONSTRUCTION SALOONS REGULATIONS

~~**TCS 1**~~	~~**PROTECTIVE CLOTHING**~~
~~1.1~~	~~Full fire-retardant race overalls are compulsory.~~
~~1.2~~	~~Minimum requirement is a Level 1, single layer race suit;~~

~~1.3~~	~~The composition of the suit even if small percentages are used may not be of a polyester, nylon or synthetic material;~~
~~1.4~~	~~Mechanic overalls will not be permitted;~~
~~1.5~~	~~Two-piece race suites minimum level 2 permissible;~~
~~1.6~~	~~No pushing up of sleeves permissible whilst racing;~~
~~1.7~~	~~Fire retardant gloves are compulsory;~~
~~1.8~~	~~Open fingertip gloves are not permitted;~~
~~1.9~~	~~It is mandatory for Competitors racing with methanol to wear balaclavas; Only applicable to Flexi.~~
~~1.10~~	~~Neck braces/donut type shall be mandatory for all competitors;~~
~~1.11~~	~~All helmets will be in a good condition; it will be highly recommended that full face helmets are used for Oval Track Racing;~~
~~1.12~~	~~The only helmet that will be approved must bear the SABS or of a higher standard and a type that is suitable for highway usage;~~
~~1.13~~	~~The Scrutineer may condemn a helmet or confiscate a helmet until after a race meeting, if, the visor is cracked, the helmet has a visible crack and if the helmet straps are in any way sub-standard;~~
~~1.14~~	~~Recommended washing instructions of race suites:~~ ~~No Bleaches, No fabric softeners, no machine washing, no tumble drying, no ironing – hand wash only and drip dried – this method preserves the agents within the fabric.~~

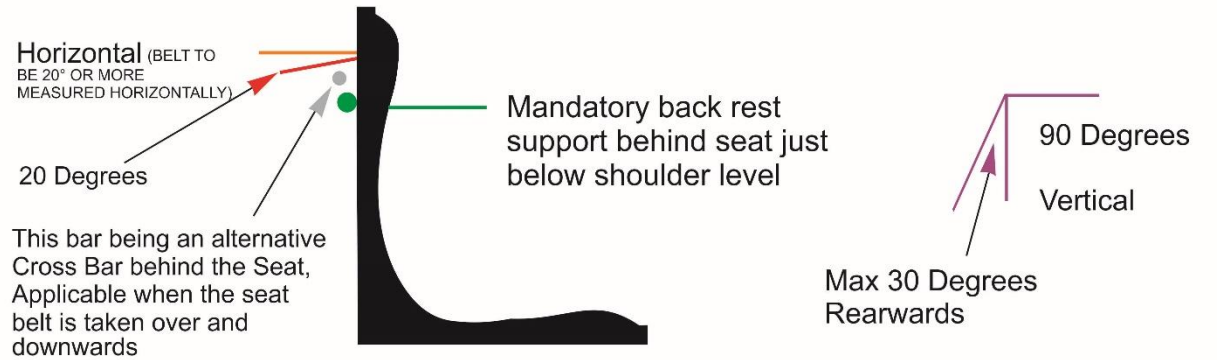
TCS 1.	**PROTECTIVE CLOTHING / RACE APPAREL**
1.1	**RACE SUITS**
1.1.1	Full fire-retardant race suits are compulsory.
1.1.2	Minimum requirement is a Level 1, single layer race suit for vehicles using clean pump fuel;
1.1.3	No Karting Suits or any other race suits with the composition polyester, nylon or synthetic materials the suit, even if small percentages are used may not be of a polyester, nylon or synthetic material;
1.1.4	Mechanic overalls will not be permitted;
1.1.5	Two-piece, minimum Level 2, race suits permissible;
1.1.6	No pushing up of sleeves permissible whilst racing;
1.1.7	Recommended washing instructions of race suits: No Bleaches, No fabric softeners, no machine washing, no tumble drying, no ironing – hand wash only and drip dried – this method preserves the agents within the fabric.
1.2	**GLOVES**
1.2.1	Fire retardant gloves are compulsory;
1.2.2	Open fingertip gloves are not permitted;
1.3	**NECK BRACES**
1.3.1	Neck braces/donut type shall be mandatory for all competitors **under the age of 18;**
1.4	**BALACLAVAS**
1.4.1	Methanal using vehicles, it is mandatory to wear a balaclava
1.5	**HELMETS**
1.5.1	All helmets must be in good condition;
1.5.2	It is be highly recommended that full face helmets are used for Oval Track Racing;
1.5.3	Oval Track Racing, no Motocross Big Face helmets permitted;
1.5.4	Helmets must be suitable for motorsport use and be approved by reputable standard authorities such as DOT, ECE, Snell, SHARP, BSI, AS or of equal standard and be suitable for highway usage.
1.5.5	**MX and Quad Riders** No open-faced helmet permitted.
1.5.6	The Scrutineer may condemn a helmet or confiscate a helmet until after a race meeting, if, the visor is cracked, the helmet has a visible crack and if the helmet straps are in any way sub-standard;
1.6	**RACE FOOTWEAR**

1.6.1 1.6.2	It is mandatory for competitors to wear Fire Retardant Race Boots In extreme cases Competitors may replace Race Boots with angle high leather boots as bigger sized Race Boots after size 12 are not readily available;
TCS2	**SAFETY REGULATIONS**
2.1 2.2	All sump, gearbox and differential drain and filler plugs have to be drilled and wired; Oil filters have to be clamped or strapped;
2.3 2.4	A radiator water catch tank of a minimum capacity of 1 litres shall be fitted to the cooling system; A sealed radiator system will be exempted from the above regulation, for example Golf systems;
2.5	All joints and seams in the construction of the vehicle shall be properly mitered and be welded;
2.6	Methanol – it shall be mandatory that all methanol storage containers (Jerry can) be marked by a spray of paint or sticker, the letter **M** or in full Methanol, the colour to be used shall be red or orange; Only applicable to Flexi.
2.7 2.8	Under no circumstances may a vehicle compete without a secured bonnet, the purpose of this is to prevent the bonnet dislodging and secondly preventing, burns of any nature towards a competitor; Bonnets shall be constructed and fit in such a manner that no open gaps will display when closed;
2.9	All piping (brakes and fuel) and wiring must be installed above the floor board or chassis;
2.10	Vehicle shall be able to self-start and self-starters have to be in a working condition for lexus
TCS3	**BATTERIES**
3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10	It shall be mandatory for batteries to be bolted down; Battery shall be bolted down by way of a cross bar or cross bracket; Cross bar to be made of a flat bar with a minimum 5mm thickness; or Square bar of 8mm x 8mm or round bar of a minimum 8mm in diameter; The hold down bolts shall be a minimum of 8mm in diameter; No side clamps or straps will be permitted to hold down the battery; Batteries shall be covered by a nonconductive material to prevent short circuiting in the case of an accident; Batteries fitted in the competitor's compartment shall be mounted in a leak proof compartment, eg., boat battery box; The use of battery box compartment shall still require the battery to be bolted down inside the box, in all instances the cover of the battery box must be secured, by way strapping; In all instances batteries should be easily accessible for scrutineers to inspect;
TCS4.	**COMPETITION NUMBERS ON VEHICLES DISPLAYS**
4.1 4.2 4.3 4.4 4.5 4.6	Mandatory number placing on Wing Plates: - Wing Plates – White Back, black number or Black back with mandatory white or Day Glo colour only - Minimum size, 300mm height with a 50mm font stroke; Competition prefix to be a minimum size of 120mm in height. No other stickers or advertising permitted on wing plate; Absence of wings, the number shall be displayed as the above spec on the "C" Pillar
4.7 4.8 4.9 4.10 4.11	Competition number to be displayed on the front doors of the vehicle; Competition number to be displayed on the Roof of the vehicle, showing towards the outer side of track; Competition numbers to be a minimum size of 300mm in height with a readable 50mm Font stroke; Competition numbers to be contrast to the colour of the vehicle; Competition number and competitor's name to be displayed on the visor – visor height is generally 120mm in height;
4.12 4.12.1	**General Graphics and/or Sign writing on vehicles: -** Only vinyl lettering or professional sign writing applications will be permitted;

4.12.2	Club Prefixes are mandatory to be displayed together with the number;
4.12.3	Advertisements/sponsors must not scramble the number of the vehicle;
4.12.4	Advertisements and slogans may not be of discriminatory manner;
4.12.5	Numbers 1, 2 and 3 will be reserved for WOMZA Final Championships only;
4.12.6	No longer may clubs use 1,2 or 3 for Club Champions or zero numbers;
4.12.7	No lights (LED) are permitted on the outside on the frame including wings.
4.12.8	No lights (LED) are permitted inside cockpit.
4.12.9	Lights (LED) are permitted on wheels and underneath of car.
TCS5	**ENGINE POSITIONS:**
5.1	As per GFTC12
TCS6	**FUEL TANKS AND FUEL PIPES:**
6.1	It is highly recommended that properly designed and manufactured racing fuel tanks are used or bag type fuel cells which reduces the risk of fuel spillage from accident damage;
6.2	The wall thickness of metal fuel tanks shall be no less than 1mm;
6.3	A fuel tank breather, which shall vent externally, must be fitted to all fuel tanks.
6.4	A non-return valve shall be fitted to the breather.;
6.5	The non-return valve may not be airtight;
6.6	The fuel tank cap shall be the non-vented type;
6.7	The fuel tank shall be mounted behind driver.
6.8	Fuel tanks must be mounted in a separate compartment to the competitor;
6.9	Fuel tanks must be securely mounted to the chassis of the vehicle with bolts or metal straps;
6.10	A fire wall must be constructed to separate the competitor from the fuel tank and fuel pumps as well as the filler and breather system;
6.11	The fuel lines must run above the floor;
6.12	The section of the fuel line running inside the vehicle past the competitor compartment must be of a steel material and may not have joints
TCS 7	**KILL SWITCH**
7.1	Vehicles shall have kill switches made of non-flammable material fitted;
7.2	Kill switches to be marked red;
7.3	The fitment of the kill switch fitted shall be within the competitors reach and his sight when strapped in;
7.4	External switch shall be situated outside of the vehicle for Officials to easily reach;
7.5	If the internal kill switch cannot be reach by an official easily, it shall be mandatory for an additional external kill switch to be fitted;
	The effect of the Kill switch/es is to isolate the battery power from the rest of the vehicle and to shut the engine off with immediate effect, resulting in the break of the ignition and electric fuel pump circuits, simply said to cut all power and fuel supply simultaneously;
TCS8	**MIRRORS**
8.1	Only one mirror mounted inside of vehicle permitted;
8.2	Maximum size of mirrors 100mm x 200mm;
8.3	One Exterior mirror permitted;
8.4	Exterior to be fitted within the width of car on the competitor driving side;
8.5	Maximum size of exterior mirror 150mm in diameter, width and/or height;
	Mirrors compulsory in this class;
TCS9	**MUDFLAPS**

9.1 9.2	Mud flaps to be fitted behind the rear wheels of rear wheel drive cars; Mud flaps must be positioned directly behind the wheels and not more than 100mm from the back face of the wheels;
9.3	Distance of mud flap from ground level with driver seated, measured from the bottom of the mud flap to ground level is maximum 100mm and minimum 50mm, with the competitor seated and wheels inflated to racing pressures;
9.4 9.5 9.6 9.7 9.8 9.9 9.10	Mud flaps to cover the full width of the tyre and must be fitted as close to the tyre as possible; Mud flaps not to drag on the ground; Mud flaps must be made up of a firm but flexible material, metal material may not be used; Mud flaps may under no circumstance be manufactured from rubber car mats Mudflaps should be fitted in such a manner that it forms part of the body; Mudflaps may not be part of or be fitted to bumpers; Tyres may not be visible from the rear view;
TCS10	**OIL SAFETY CONTROL**
10.1 10.2 10.3 10.4 10.5	Oil filters are either to be clamped or strapped; Sump, gearbox, axle's drain and filler plugs are to be drilled and wired; An oil catch tank, with a minimum capacity of 1 litres, capable of accepting surplus oil and fumes from the engine shall be fitted; (ENGINE BAY OR CAN IT BE FITTED INSIDE CAR) The catch tank shall be connected to each breather outlet by means of a flexible pipe or similar conveyance, designed to feed the oil or fumes to the tank; The catch tank is to be emptied between races;
TCS11	**PROP SHAFT/DRIVE SHAFT/RUNNING GEAR PROTECTION** **General Prop shaft protection hoops:**
11.1 11.2 11.3 11.4	Drivers must be protected from open running prop shafts by two steel bands, with a minimum width of 50 mm; These bands shall at least be 5mm thick and be bolted or welded to the chassis; These bands are to prevent a broken shaft from lifting and coming into the cockpit area; The one band shall be a maximum of 150 mm behind the front yoke measured from the front of the prop shaft;
TCS12	**RADIATOR SAFETY CONTROL**
12.1 12.2 12.3 12.4 12.5 12.6 12.7 12.8 12.9 12.10	Any radiator is permitted Any coolant is permitted A water catch tank with a minimum capacity of 1litres shall be fitted to the cooling system, exempted will be sealed water systems; Under no circumstances may a water catch container be replaced with a pipe allowing steam or water (overheating) being directed outwards; All joints that are not flared shall be double clamped, flared pipes may have one clamp only; All piping to and from the radiator, other than the joints and the overflow pipes shall be of steel or aluminum or copper; All piping to and from the radiator, other than the joints and the overflow pipes shall be of steel; The pipes must be mounted securely between the firewall and the radiator and at a height not higher the sissy bar; All joints are to be enclosed by a rubber sock and all hoses are to be double clamped; A second radiator is optional when fitted in the cockpit. Radiators must be in closed in a separate compartment when fitted next to the driver.
TCS13	**SAFETY/ROLL CAGES**
13.1 13.2 13.3	The safety cage know as a roll cage is a structural framework designed to prevent serious bodyshell deformation and bodily harm in the case of collision or a car turning over; It is compulsory for all vehicles to have a fully constructed roll cages;

	Great care must be taken that roll cages are constructed in the fashion, that in an event of an accident, no metal piping could break off causing bodily harm. The roll cage has to be designed so to protect the competitor;
13.4	The example shall be a mandatory minimum requirement but design can differ;
13.5	The cross bar behind the driver seat shall be mounted flush directly behind the backrest of the seat in order to support the backrest. This cross bar shall be just below the shoulder of the driver when seated;
13.6	Additional cross bars may be added to the cage;
13.7	Where the roll cage has lost strength due to bends, triangulated bracing to reinforce the cage would be necessary;
13.8	All welding points to be welded 100% and the less accessible areas no less than 75%;
13.9	Round tubing shall have a minimum outside diameter of 38mm and a minimum wall thickness of 2mm;
13.10	A maximum of two 8mm inspection holes on the left hand and right hand side of the cage shall be made for easy inspection;
13.11	Where the driver's helmets could meet the safety cage, a non-flammable padding should be provided for protection;
13.12	Sissy bars shall be fitted in such a manner that the competitor's hips and knees are completely protected when he/she is strapped into the seat. The sissy bars should be constructed in such a manner that in an event of a T-bone incident the other vehicle would collide with the sissy bar;
TCS14	**SEATS - Race Seats**
14.1	Race seat minimum specifications for oval track racing: Race seat shall have holes where seat belts can be let through, one on each side of the seat for lap belts and two on the back rest at shoulder height for the belts to exit to its mounting points;
14.2	It is highly recommended to fit a FIA approved seat;
	Only bucket race seats permitted, no adjustable back rest reclining road car or race styled seats will be permitted;
14.3	No fibre glass seats may be used;
14.4	Seat are to be mounted against support bar across just below shoulder level.
14.5	Aluminum seat permitted;
14.6	Aluminum seat wall thickness – minimum of 2.5mm;
14.7	Steel seat permitted;
14.8	Steel seat wall thickness, minimum of 2.00mm;
14.9	Steel framed seats permitted;
14.10	Carbon fibre seat is permitted
14.11	Carbon fibre seat wall thickness, minimum of 3.00mm
14.12	Carbon fibre seat are to be mounted with a support bar across the back with tear plates of 100 mm x 100mm, behind the backrest of the seat, just below shoulder height;
14.13	Vehicles that have cracked/torn and broken seats shall automatically be excluded from the event, without any further negotiations;
14.14	Race seat need to be bolted with four 8mm(minimum) bolts at bottom of race seat or with two 8mm(minimum) of the center of seat. The Seat backrest also need to be bolted to the support bar with two
14.15	8mm(minimum) bolts.
TCS15	**SEAT BELTS**
15.1	Quick release seat belt and shoulder harness are mandatory;
15.2	Seat belts must have a minimum of four points;
15.3	No hand stitching or homemade alterations permitted to belts;

15.4	Only SABS or International standard belts permitted;
15.5	Safety belts and driver seats must be secured to the roll cage or frame (not to the floor pan);
15.6	**Fitment of Seat Belts:**
15.6.1	The shoulder belt will exit through the backrest of the seat horizontally to the rear mounting point with a minimum of 20degree (measure from horizontal) downwards to the exit point
15.6.2	The lap belts will exit through the side hole fitment of the seat, and form a vertical line to the mounting points with a maximum of 30degrees rearward; The crotch belt application – it shall exit though the seat downward vertical viewed from the side with a maximum of 20degree rearward towards the mounting points; If the fitment of the shoulder belt cannot fit as above, the fitment of the shoulder belt may be taken down to the chassis, but must be supported with a crossbar behind the back rest of the seat at the same height of the seat belt exit holes for the crossbar to function as a support for the belt going down for the bar to take the downward pressure of the shoulder belt and not the seat back rest;
15.6.3	Existing vehicles that have seat belts and seats mounted to the floor pan must be supported by 50mm x 50mm washers or 75mm x 2mm in diameter tear plate; See drawing for belt installation;
15.6.4	
15.6.5	This bar being an alternative Cross Bar behind the Seat, Applicable when the seat belt is taken over and downwards
TCS16	**SPACE FRAME / PURPOSE BUILT** **Flexi Vehicle (American Saloon) definition**
16.1	A Flexi is built from a tubular frame constructed with round, square or rectangular tubing and cladded with metal sheeting or composite material panels to take on the appearance of a sedan motorcar in silhouette;
16.2.1	**Space framed** vehicles under construction – Once the competitor has completed the frame prior to them fitting the body panels, they are obliged to contact the vehicle construction safety team (these appointments have been made at each club) in order for them to inspect the carcass framework.
16.2.2	The inspection in particular will include the checking of the welding, roll cage, suspension and various mounting points; The team will similarly note in the scrutiny book of the competitor that the vehicle had been inspected and has safely been passed.
TCS17	**TOW HOOKS**
17.1	Vehicle are to install tow hooks to the front and back of the vehicle;
17.2	These may not protrude beyond the bumpers of the vehicle;
17.3	It should be clearly marked in red, yellow or orange for tow-vehicle crew to tow the vehicle with the least delay;
TCS18	**WEIGHTS**
18.1	Vehicle which require to increase vehicle weights shall do so by fitting ballasts:
18.2	Ballasts, is a non-functional material added to increase vehicle weight.
18.3	Any ballast must be permanently fixed to the structure of the vehicle by means of bolting, wiring and strapping of ballasts is prohibited;

18.4	All ballast must be clearly marked by a contrasting colour to the interior of the vehicle;
18.5	Championship events – once vehicles have been weighed the Scrutineer shall have the right to wax seal ballasts;
18.6	Fitted fire-extinguishers shall be removed or it's weight reading shall be taken into consideration and be excluded for weighing purpose;
18.7	No weight tolerances will be permitted;
18.8	A vehicle may be weighed at any time during the event and remains the responsibility of the competitor to ensure the vehicle in which he is competing complies to the class weight regulation;
TCS19	**WELDING**
19.1	All joints and seams in the construction of the vehicle are to be properly mitered and shall be welded.
19.2	All visible welding shall be 100%.
TCS20	**WHEEL AND BODY PROTECTOR**
	N/A
TCS21	**WINDSCREENS AND GLASS WINDOWS**
	N/A