

Final Rules

"Targa Florio" Slot Car Proxy Road Race

The cars will be run on Rally style and Circuit based tracks over a number of rounds by host across the country.



Any cars which took part in the "real events" during the years 1950 - 1977 can be entered. They will be run as 3 Groups based on car types.

It is anticipated that entrants will be able to enter cars in at least two car groups, winners will be for each Group and construction Category designated within the rules. The proxy will run over a 4-6 month period.

Targa Florio Slot Car Proxy Race Technical Rules

Dimension requirements and recommendations

	Group 1 Classic Sports 1950-1959	Group 2 Sports & Gran Turismo 1960-1977	Group 3 Sports & Prototypes 1960-1977
Tyre widths Rubber or Urethane	Min 5mm Max 8mm	Min 5mm 10mm	Min 6mm Max 12mm
Width across axles, wheels fitted with tyres	Max 57mm	Max 61mm	Max 64mm
Wheels & Tyres Diam Recommended Min 16mm	Wheels with fitted tyres should be to scale or the same size as the original ones on RTR modified models. All 4 wheels must be of the same diameter with tyres fitted		
Motor & Orientation	Any motor in the motor list. Free choice of orientation.		
Track Clearance Recommendation 1.5mm	The cars will be run on some Rally tracks with uneven surfaces, there is no rule regarding minimum track clearance but very low track clearance may result in cars experiencing difficulties on some rounds.		
Guide recommendations Sprung guide	Maximum guide blade depth without braids 6mm, length 20mm, thickness 1.6mm		

Class Groups

The cars will be run as 3 Groups (see car list). Each Group has its own Construction Category Classes.

Group 1

A) Modified Standard class for moulded plastic, resin, fibreglass or 3d printed body models with fixed motor mounts and resin, plastic, universal or 3d printed chassis.

B) Procar class for moulded plastic resin, fibreglass or 3d printed body models with adjustable motor mounts and plastic, universal, or 3d printed chassis (no metal chassis)

Group 2

C) Modified Standard Class for moulded plastic, resin, fibreglass moulded or 3d printed body with fixed motor mount, and plastic, 3d printed, universal, or PP chassis.

D) Procar Class for plastic, Resin, fibre moulded or 3d printed body with with adjustable motor mounts and plastic, 3d printed, universal, metal B&W or steel chassis.

Group 3

E) Modified Standard Class for moulded plastic, resin, fibreglass moulded or 3d printed body models with fixed motor mount, 3d printed, universal or plastic chassis.

F) Procar class for moulded plastic, resin, fibreglass or 3d printed body with, adjustable motor mounts, plastic, universal or 3d chassis (no metal chassis)

Notes:

(a) Area TA71 3d kits 1950-1960's cars will be run in Group 1B or 2D respectively and must use the associated TA71 chassis only. Prototype TA71 models will be entered in the Group 3F

(b) 50's cars fitted with B&W or steel Chassis will be run in Group 2D.

Entries

Maximum of 3 car entries are permitted. Car entries can be in the same Group but must be of different Construction Class.

General rules

G1) Cars must be 1/32 scale models of Road Race cars.

G2) All parts must be commercially available.

G3) Cars may be driven by two or four wheel drive.

G4) No traction magnets allowed.

G5) Ballast may be added but must be fixed securely to the chassis and not protrude below the lowest part of the chassis / body line and meet the minimum track clearance requirement.

G6) Cars must be decorated inside and out with an appropriate livery.

G7) Body mount screws must be covered.

Bodies, Windows and Interiors

B1) Cars must start and finish each stage with matching body, realistic glazing and plastic interior. No blacked out glazing.

B2) Bodies must be a fully detailed and painted hard plastic moulding or a 3d print. Lexan bodies are not allowed.

B3) Minor bodywork trims and details such as mirrors, spotlights and aerials may be omitted.

B4) Interior must have a minimum of a driver.

B5) Interior may be a lightweight alternative. Replacement interiors must be painted.

B6) Any factory fitted interior is legal

Chassis, Drop Arms, Guides and Motor Pods

C1) Must be according to the Construction Class restrictions above.

C2) May be lightly trimmed.

C3) The guide blade must not be visible when the model is viewed from above.

Motors

M1) Motors must be of Small Can, Short Can, Long Can, Flat Can, Thin Can or RX/RF construction.

M2) Motors must not be modified from manufacturer's specification.

M3) Motors can be mounted in any configuration.

M4) Motors must not protrude below the chassis.

M5) Motors must be from the approved eligible Motor list attached (maximum 23,000K rpm at 12 volts for all motors)

Wheels and Tyres

W1) Wheels and tyres must not protrude beyond body. All 4 wheels must touch the track surface.

W2) Cars must comply with the axle width requirements of each Group, 1,2, 3.

W3) All wheels must have appropriate inserts fitted at the start of each stage.

W4) Tyres may be trued, glued and coated, but must be dry to the touch at the start of each stage.

Spares

S1) All other components, (eg braids, eyelets, guides, wires, pinions, crowns, axles, stoppers, screws, nuts, springs, weights, lights, lubricants, paints and decals) are free choice.

Non Compliant Entry Cars

I reserve the right to reject or request the entrant to modify or correct any car entered which does not comply to the Technical rules above. Alternatively a replacement car which is compliant can be accepted. Any car which has been returned thereafter the start of the proxy can be re-entered at the next round following the final approval. Penalties will be applied as a last resort.

Cars with over width tyres will be relocated to another Group.

List of eligible motors

Brand	Name	Torque	RPM @ 12Volts	*Magnetic Traction grams
Event 1, 2 &3 Motor List				
Slim Line				
MRRC/ Scalextric (Current motor)			18K	0.0
M/T	SL-3		21K	0.1
Policar	F1 DVF-25K	95g*cm	24.5K	
Predator	PRD050-18	90g*cm	18K	0.2
Scaleauto	Tech 2 Slimline	82g*cm	25K	
SRC	F1	120g/cm	23K	0.7
SRP	Speed20 Speed 25		20K 25K	0.4
Short Can	Short Can	Short Can	Short Can	Short Can
Scalextric, Carrera, Fly, MRRC etc	Std (inc NC9 short Can)	~130 g*cm	18K	0.00
Hawk	HRM H1	60g*cm	18K	0.6
SCX	RX41,42/42 & B	~130 g*cm	18K	1.8-2.0
Ninco	NC9 Sparker NC1	118g*cm 63*cm	16K 13K	0.2 0.4
NSR	Shark	150g*cm 164g*cm	20K 21.9K	0.8 0.8
Pioneer	MT202602 MT202532	120g*cm	18K 21K	0.9 1.5

Predator	PRD130-18 PRD130-22	120g*cm 174g*cm	18K 22.5K	0.9 1.1
PSR	PSR - AC4		16K	1.3
Revoslot	RS211	200g*cm	21K	0.1
Scaleauto	Tech-1 (S-Can) Tech -1 (short can)	210g*cm 205g*cm	20K 20K	0.5 0.1
Slot it	V12/4 V12/4 Boxer/2	150g*cm 170g*cm 340g*cm	21K 23K 2.5K	0.9 1.3 0.9
SRP	Power 16 (S-Can) Speed 18 (S-Can) G5 Speed 20 (Short Can) Speed 20 (S-Can)		16K 18K 20K 20k	1.0 1.3 0.1 1.3
Thunderslot	March- 21	175g*cm	21.5K	1.4
Long Can Motors				
Allslot	AS001 Yellow std motor		22K	1.7
Avant	New Green	300 g*cm	21K	2.0
NSR	Baby King King Evo Spain	245g*cm 270g*cm	17K 19.5K	1.7 0.4
Ninco	NC2 NC5 (or NC14)	213g*cm 235g*cm	15K 16K	0 1.2
Predator	PRD180-20	282g*cm	20.5K	0.5
Slot it	Flat 6 Flat 6S Boxer/2	200g*cm 230g*cm 340g*cm	20.5K 22.5K 21.5K	0.5 0.7 1.3
Scaleauto	Tech 1 Endurance Sprinter Junior 2	285g*cm 340g*cm 430g*cm	20K 22.5K 22.5K	0.7 0.7 1.5
Slotting Plus	Speed 24 Speed 12 Speed 5	190g*cm 230g*cm 300g*cm	19K 21.5K 21K	1.0 0.9 0.9
SRC	M3 M7	230g*cm 270g*cm	17K 21K	1.7 1.9
SRP	Speed20		20K	0.7

*magnetic traction of motor measured directly myself. Limited to Max 2grams downforce

Awards

Road Race Class winners

The winning cars will be those from each Class (A, B, C, D, E & F) which completes all the Stages in the shortest time at the end of the series (there is no runners up awards).

Spirit of the proxy

An award will be presented to an entrant's car which the judges feel best represents the "Spirit of the Proxy". To qualify the car body has to have been self-decorated and must be compliant with the rules.

Triple Crown Award

This will be the 2nd part of a series of 3 proxies, a special award will be made at the end of the 3rd series for the entrant whose cars have performed the best over the 3 proxies.

List of eligible cars for each group

Group 1 50's Sports Cars	Year entered	Car	Year entered
Allard J2	50	Lancia Aurelia B20	52
Alfa 6C 2500	50	Lancia Aurelia B24	58
Alfa Romeo 1900 TI	53	Ferrari Dino 196S	59
Alfa Romeo Giulietta Sprint Veloce	57	Frazer Nash LM Replica	51
Aston Martin DB2	50	Gordini T15S	53
Aston Martin DBR1/300	58	Lotus Eleven	59
Aston Martin DB3	53	Lotus MKV111	55
Aston Martin DB3S	55	Maserati A6GCS	50
Austin Healey 100/6	53	Maserati 150S	55
Austin Healey Sprite	59	Maserati 300S	55
BMW 507	56	Mercedes Benz 300 SL	55
Chevrolet Corvette C1	57	Mercedes Benz 300 SLR	55
Ferrari 212 Export	51	MGA	57
Ferrari 340 America	51	Oscar MT4	50
Ferrari 166 MM	50	Oscar S750	56
Ferrari 250S Vignale	53	Oscar S1500	58
Ferrari 250 GT LWB	57	Oscar S1100	59
Ferrari 250TR 59	59	Porsche 356 A Carrera	58
Ferrari 550 Mondial	55	Porsche 550	55
Ferrari 500 TRC	58	Porsche 718 RSK	58
Ferrari 750 Monza	55	Talbot Lago Sport	55
Gordini T24S	55	Triumph TR2	54
Jaguar XK120	50	Triumph TR3	56
Jaguar C Type	53		

Jaguar D Type (Millie Miglia)	57		
Lancia D20	53		
Lancia D24	54		
Group 2 Sports & Gran Turismo Post 60's			
Abarth 1300 OT	67	Lancia Flaminia Sport	61
Alfa Romeo Giulietta GTV	70	Lancia Fulvia HF	66
Alfa Romeo 2000GTV	75	Lancia Stratos HF	73
Alfa Romeo Giulietta TZ2	65	Marcos Mini GT	67
Alpine A110	64	Maserati Tipo 60	60
Alpine A210	67	Maserati Tipo 61	60
Audi 80	76	Maserati Tipo 63	61
Austin Healey 3000	67	MGB	64
Aston Martin DB2/4	63	Lotus 23	67
Austin Mini Cooper	62	Ginette G4	72
Bizzarrini Strada	66	Lotus Europa	68
BMW 2002	73	Lotus Elite	63
BMW 3.0CSL (Not Gr 4 or Gr 5 versions)	73	Opel Commodore	76
Brabham BT8	64	Opel Manta	77
Cooper Monaco T49	60	Opel GT 1900	70
Cooper Monaco T61	63	Opel Kadett GT/E	76
Chevrolet Corvette	60	Porsche 911, 911s	66-67
Chevrolet Corvette L88	71	Porsche 904 GTS	64
Chevron B8	72	Porsche 906 Carrera 6	66
Ferrari Dino 246S	69	Ford Escort Mexico MKI	73
Ferrari 275P2	65	Ford Escort MKI RS	73
Ferrari 250 LM	65	Ford Capri RS2600	74
Ferrari Dino 268SP	62	Hillman Imp	68
Ferrari 250 TRI/60	60	Jaguar E Type	63
Ferrari 250 TRI/61	61	Shelby Cobra Roadster	64
Ferrari Dino 206	66	Shelby GT350 (not Thunderslot)	67
Ferrari 250 GT SWB California	62	Triumph TR4 , TR5	68
Ferrari 250GTO	63	VW Golf GTi	77
Ferrari 250P	64	VW Scirocco	77

Fiat 124 Abarth	76		
Fiat Bertone X1/9	69		
Group 3 Sports & Prototypes			
Abarth 2000SP	69	Lola MKIII	67
Abarth 3000SP	70	Lola T210	71
Abarth-Osella 2000SP	72	Lola T212	71
Alfa Romeo T33	67	Lola T290	72
Alfa Romeo T33/2	68	Lola T294	76
Alfa Romeo T33/3	70	Mclaren Elva MKI	67
Alfa Romeo T33/TT/3	71	Osella PA3	75
Chevron B16	71	Osella PA4	76
Chevron B19	71	Osella PA5	77
Chevron B21	72	Porsche 908/2 & 908/3	70- 73
Chevron B23	73	Porsche 917K	74
Chevron B26	74	Porsche 910/8	67
Chevron B36	76	Porche 914/6	71
Chevron B27S	77	Porsche 911 Carrera RSR	73
Chaparral 2F	67	Porsche 907	68
De Tomaso Pantera	73	Porsche 910	67
Ferrari 330P	66	Porsche 934	76
Ferrari 412P	67		
Ferrari 312PB	72		
Ferrari 512S	70		
Ferrari 250LM	65		
Ferrari 250P	65		
Ferrari 275 GTB/4	67		
Fiat -Abarth 1000SP	67		
Ford GT40	67		