

DRAFT- Global Touring Cars Challenge 2026

Introduction

Production based Saloons/Sedans which entered Car racing between 1963 and to date and took part in any National or International Touring car race series. *Group 4 / 5 or GT3 cars are not permitted*

Examples: BTCC, BTC, European, WTC and Bathurst & DTM (pre-2014)

Event	Event 2 Under 2.5 litre Tourers	Event 3 Modern Tourers	Event 4 Over 2.5 litres Tourers
Class Type	Open	Modified	Open
Chassis	Plastic, PP or Revoslot	RTR & 3d	Plastic or metal
Wheels/ Tyres All same size	To Scale	Min 15.8mm	Min 15.8mm
Motor (in motor list)	Max 21k rpm Any	Max 21k rpm In Line	Max 23k rpm Any
Min Tyre width	5mm	5mm	5mm
Max Tyre width	8mm	10mm	10mm
Outer tyre track	57mm	60mm	64mm
Track Clearance	1.0mm	1.5mm	1.5mm

Event 1 Under 2.5 litres Tourers (Pre-90's)

Any moulded plastic, resin or fiberglass body, and fitted with plastic, 3d printed, Universal, PP, or Revoslot chassis.

Any motor in the Event 1 motor list is permitted for non control Cars.
Control Cars -Revoslot & Slot it cars must use only brand components, including motor, body, chassis, wheels, axles, bearings, gears.

No urethane, foamed rubber or silicone tyres.

Event 2 Modern 2 litres (Post 80's)

These cars must be based on Scalextric, SCX, Carrera, or Ninco bodies, and fitted with plastic moulded , 3d printed or plastic Universal chassis.

Any motor in the Event motor list 2 is permitted.

No urethane, foamed rubber or silicone tyres

Event 3 Over 2.5 Litres Tourers (60's to 2010)

Can use any moulded plastic, resin or fibreglass body and Chassis can be plastic, 3d printed, PP, B&W or metal. Any motor in the Event 3 motor list can be used for non control cars.

Control Cars -Slot it cars must use only brand components, including motor, body, chassis, wheels, axles, bearings, gears.

No urethane, foamed rubber or silicone tyres.

Notes:

(a) Area TA71 3d kits can only be used with associated TA71 chassis.

Revoslot Cars could form a Sub Group for Event 1 if sufficient number of cars are entered.

Entries

Generally a maximum of 3 car entries are permitted from any of the 3 Events. Only one car per event, an exception will be if entrants wish to enter a Revoslot and another car in Event 1.

General rules

G1) Cars must be 1/32 scale models of Touring 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 be of plastic or lexan and have a minimum of a driver & steering wheel. Printed card or paper is not permitted.

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

B6) Any factory fitted interior is legal

Chassis

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

C2) May be lightly trimmed.

Guides

G1) The guide blade must be max 7mm depth (without braid fitted), 1.8mm and 20mm length. Sharp points or additional localised thickening might result in cars failing to run on some plastic tracks. Thick wood track guides are not permitted.

Motors

M1) Motors must be from the Eligible list as specified for each event.

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

M3) Motors must be mounted according to the Event requirements.

M4) Motors must not protrude below the chassis.

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 wheel tracking requirements for each Event.

W3) All wheels must have appropriate plastic or resin 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) For all Events spares components (eg braids, eyelets, guides, wires, pinions, crowns, axles, stoppers, screws, nuts, springs, weights, paints and decals) are free choice for non control cars.

S2) For Control cars (Revoslot & Slot it) spare components must be as branded except for braids, screws, springs, weights paints and decals)

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.

A penalty can be applied to any car at the end of the series should a non compliance giving an unfair advantage be determined during the series after scrutineer inspection.

MOTOR LIST

Brand	Name	Torque	RPM @ 12Volts	*Magnetic Traction grams
Event 1 Under 2.5L cars (any orientation)				
NSR	Shark Evo	150g*cm	20K	0.8
Pioneer	MT202532 (S-can)		21K	1.5
Revoslot	RS211	200g*cm	21K	0.3
Scaleauto	Tech -1 (S-can)	210g*cm	20K	0.5
	Tech -1 (short can)	205g*cm	20K	0.1
Slot it	V12/4	150g*cm	21K	0.9
	Flat 6	200g*cm	20.5 K	0.5
SRP	Speed 20 S-can		20K	1.3
	Speed 20 (Short Can)		20K	0.1
Event 2 Modern Cars (in line only)				
Scalextric, Carrera, Fly & MRRC etc	Std (S-can)	~130g*cm	18K	0
Hawk	HRM H1	60g*cm	18K	0.6
NSR	Shark Evo	150g*cm	20K	0.8
Ninco	NC2 (long can)	213g*cm	15K	1.2
	NC5 (Long can)	235g*cm	16K	1.2
Pioneer	MT202602 (S-can)	120g*cm	18K	0.9
	MT202532 (S-can)		21K	1.5
Predator	PRD130-18 (S-can)	120g*cm	18K	0.9
Scaleauto	Tech -1 (S-can)	210g*cm	20K	0.5
SCX	RX & RF or S-can	130g*cm	18K	1.8-2.0
Slot it	V12/4	150g*cm	21K	0.9
SRP	Speed 18 (S-Can)		18K	1.3
	Speed 20 (S-Can)		20k	1.3
Event 3 Over 2.5 Litre Cars (any orientation)				
Avant	New (Long can)	300 g*cm	21K	2.0
NSR	Shark (S-can)	150g*cm	20K	0.8
	Shark (S-can)	164g*cm	21.9 K	0.8
	Baby King (long can)	270g*cm	19.5K	1.7
Predator	PRD130-22	174g*cm	22.5K	1.1
Scaleauto	Tech -1 (S-Can)	210g*cm	20K	0.5
	Tech -1 (short can)	225g*cm	20K	0.6
	Tech-1 (Long can)	285g*cm	20K	0.7
Slot it	V12/4 (S-can)	150g*cm	21K	0.9
	V12/4 (S-can)	170g*cm	23K	1.3
	Flat 6	200g*cm	20K	0.5

	Flat 6S	230g*cm	22.5K	0.7
Slotting Plus	Speed 24 (Long can)	190g*cm	19K	1.0
	Speed 12 (long can)	230g*cm	21.5K	0.9
SRP	Speed 20 (S-can)		20K	1.3
	Speed 20 (Short can)		20K	0.1
	Speed 20 (Long can)		20K	0.7
Thunderslot	March- 21 (S-can)	175g*cm	21.5K	1.4

Car Lists

Under 2.5 litres (Event 1)	Year	Modern Tourers (Event 2)	Year	Over 2.5Litres (Event 3)	Year
Abarth 1000TC	66	Audi A4	97	AMC Javelin	72
Alfa Romeo GTA	65	BMW 318i M30	95	Alfa Romeo 155 V6	94
Alfa Alfretta GT	76	BMW 320i	98	Alfa Romeo 156	94
Alfa Romeo Alfretta GTV/6	82	BMW M3	00	Audi 80 Quattro	92
Alfa Romeo 75	86	BMW E320i E46	06	Audi V8 Evo	91
Audi 80 GTE	77	BMW 125i	15	Audi A5	12
Audi Coupe GT5E	82	Ford Sierra R500	91	Audi R3 LMS	18
BMW 2002	69	Honda Civic Type R	19	Audi TT	03
BMW 2800 CS	70	Jaguar XJ-S	02	BMW 530i	78
BMW 3.0L CSL	73	Mini Cooper	02	BMW 635 CSI	84
BMW M3 (E30)	87	MG 6	16	BMW M3 GTR E36	93
Datsun 510	68	Nissan Primera	00	BMW M4	14
Ford Escort	68	Opel Astra	00	Chevrolet Camaro MK1	68
Ford Escort MKII	75	Opel Calibra	94	Chevrolet Camaro MKII	69
Ford Escort RS2000	76	Opel Vectra	04	Chevrolet Camaro , Z28	81-4
Ford Capri RS2600	71	Renault Clio	92	Chrysler Hemicuda	75
Ford Lotus Cortina	63	Renault Laguna	97	Ford Falcon	68
Ford Anglia Super	63	Renalut Megane	05	Falcon XB, XC, XW, XY	71-8
Hillman Imp	65	Volvo 850	93	Ford Galaxie	66
Jaguar MK11	63	Volvo 850 Estate	94	Ford Mustang	67
Lancia Fulvia HF	66	Volvo S60R	04	Ford Mustang Boss	71
Mini Cooper	65			Ford Galaxie	66
Mini Broadspeed	64			Holden Torano A9X	72
MG1100	63			Holden Torano L34,LH	75
Nissan Skyline GTS-R	87			Holden YV Commodore	13
Opel Kadett	78			Holden Commodore V8	13
Renault 5 Alpine	83			Holden Commodore VL	87
Saab 96	64			Jaguar XJ 12C	77
Sunbeam Rapier	63			Mercedes 300 SEL	69
Talbort Sunbeam Lotus	81			Mercedes Benz CLK	00
Porsche 911	67			Mercedes 190E	92
Triumph 2000	65			Mercedes C Class	96
Triumph Dolomite	74			Opel Calibra	96
Volvo PV544	63			Peugeot 406 Coupe & Sil	04

Volvo 240 Turbo	83			Rover 3500 SD1/Vitesse	80-3
Volkswagen Scirocco	75				