

Global Touring Cars Challenge 2026

Introduction

Production based Saloons/Sedans which entered Car racing between 1960 and to date and took part in any National or International Touring car race series. Examples: British, European, World Touring cars, Bathurst 1000 or DTM(pre-2010). *Group 4 / Gr5 & GT3 cars are not included.*

Event	Event 1	Event 2	Event 3
Name	Small Saloons 1960-1985	Super & Modern 1970-2021	Heavyweights 1960- 2010
Class Type	Open	Modified	Open
Chassis	Plastic, PP, 3d printed, B&W, metal or Revoslot	RTR & 3d printed	RTR, Plastic & 3d printed
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 21k rpm Any
Min Tyre width	5mm	5mm	5mm
Max Tyre width	8mm	10mm	10mm
Max width across axle and outer tyre wall	52mm	58mm	64mm
Min Track Clearance	1.0mm	1.5mm	1.5mm

Event 1 Classic Small Tourers (BTC, WTC)

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

Any motor in the Event 1 or 2 motor list is permitted.

No urethane, foamed rubber or silicone tyres.

Event 2 Super & Modern Tourers (BTC, WTC, Bathurst 1000)

These cars must be based on Scalextric, SCX, 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 Heavyweight Tourers (BTC, WTC, Bathurst 1000, DTM)

Can use any moulded plastic, resin or fibreglass body and Chassis can be RTR, plastic or 3d printed. Any motor in the Event 3 motor list is permitted.

No urethane, foamed rubber or silicone tyres.

Entries

Only single car entries are accepted for Events 2 & 3.

2 car entries will be accepted for Event 1 where the two cars have different chassis construction. (eg Revoslot & 3d chassis cars, but other chassis construction variations would also be accepted)

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) 3d printed bodies can be used in Events 1 & 3 (eg Area TA71) but must be used with 3d printed chassis.

B4) Any scratch-build bodies must be within the same dimensional scale as any RTR available model within the Event lists. Oversize scratch-build models will be rejected.

B5) Minor bodywork trims and details such as mirrors, spotlights and aerials may be omitted.

B6) Interior must be of plastic or lexan and have a minimum of a driver & steering wheel. Printed card or paper is not permitted.

B7) Interior may be a lightweight alternative. Replacement interiors must be painted.

B8) Any factory fitted interior is legal

Chassis

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

C2) May be lightly trimmed.

C3) Separate of floating motor pods are permitted in all 3 events.

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 Max width across axle and outer tyre wall 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.

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 Classic Small Tourers (any orientation)				
Cartrix	TX1	65g*cm	13K	0.8
Reprotec	RT-9	63g*cm	13K	0.5
NSR	Shark Evo	150g*cm	20K	0.8
Pioneer	MT202532 (S-can)		21K	1.5
Policar	V12 HR08		13.6K	0.2
PSR	AC4		16K	1.2
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
SCX	FR 44-45		18K	
Slot it	V12/4	150g*cm	21K	0.9
	Flat 6	200g*cm	20.5 K	0.5
SRP	Power 16		16K	0.8
	Speed 20 S-can		20K	1.3
	Speed 20 (Short Can)		20K	0.1
	Speed 20 Slimline		20K	0
Event 2 Super & Modern Tourers (in line only)				
Scalextric, Carrera, Fly & MRRC etc	Std (S-can)	~130g*cm	18K	0
Hawk	HRM H1 (S-can)	60g*cm	18K	0.6
Ninco	NC1 (S-can)	60g*cm	16K	0.5
NSR	Shark Evo (S-can)	150g*cm	20K	0.8
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 (S-can)	150g*cm	21K	0.9
SRP	Speed 18 (S-can)		18K	1.3
	Speed 20 (S-can)		20k	1.3
Event 3 Heavy Weight Tourers (any orientation)				
Avant	New (Long can)	300 g*cm	21K	2.0
Ninco	NC2 (Long Can)	213g*cm	15K	0
	NC5 (Long Can)	235g*cm	16K	1.2
NSR	Shark (S-can)	150g*cm	20K	0.8
	Baby King (long can)	270g*cm	19.5K	1.7

Pioneer	MT202532 (S-can)		21K	1.5
Predator	PRD180-20 (Long Can)	282g*cm	20.5K	0.5
Revoslot	RS211 (Short Can)	200g*cm	21K	0.3
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
	Flat 6	200g*cm	20K	0.5
Slotting Plus	Speed 24	190g*cm	19K	1.0
	Speed 5	300g*cm	21K	0.9
SRC	M3	230g*cm	17K	1.7
	M7	270g*cm	21K	1.9
SRP	Speed 20 (S-can)		20K	1.3
	Speed 20 (Short can)		20K	0.1
	Speed 20 (Long can)		20K	0.7

Car Lists

Small Tourers (Event 1)	Year	Medium Tourers (Event 2)	Year	Wide Tourers (Event 3)	Year
Abarth 850 &1000TC	63	Alfa Romeo 156	94	AMC Javelin	72
Alfa Romeo GTA	65	Audi A4	94	Alfa Romeo 155 V6	94
BMW2002	68	Audi 80 Quattro	92	Alfa Romeo 156	94
Datsun 510	68	BMW M3 (E30)	91	Alfa Romeo Alfretta GTV/6	82
Ford Escort	68	BMW 318i	94	Audi TT	02
Ford Lotus Cortina	63	BMW 320i (E36)	98	Audi RS5 DTM	07
Ford Cortina MKII	68	BMW 330i M Sport	22	Audi 80 V8 DTM	92
Ford Anglia Super	63	BMW E320i (E46)	98	BMW 530i	78
Ford Zephhr 6	62	BMW 125	15	BMW 635 CSI	84
Ford Zodiac MKIII	62	Ford Sierra R500	91	BMW 2800 CS	70
Hillman Imp	65	Ford Capri MKIII	79	BMW 3.0L CSL	73
Hillman Avenger	76	Ford Falcon XY	72	BMW M3 (E30)	87
Jaguar MKI	60	Ford Falcon XW	70	Chevrolet Camaro MK1	68
Jaguar MK11	63	Ford Mondeo	95	Chevrolet Camaro MKII	69
Lancia Flavia Coupe	63	Ford Escort XR3i	75	Chevrolet Camaro , Z28	81-4
Lancia Fulvia HF	66	Ford Escort MKII	19	Chrysler Hemicuda	75
Mini Cooper	65	Holden XU-1	74	Ford Falcon	68
Mini Broadspeed	64	Holden A9X Torana	77	Falcon XB, XC Falcon	78
Mini 1275 GT	79	Holden ZB Commodore	20	Ford Galaxie	66
Mini Metro	82	Holden VL Commodore	88	Ford Mustang	67
NSU 1200TT	75	Honda Civic Type R	21	Ford Mustang Boss	71
Opel Kadett	78	Honda Civic FK8 Type R	21	Ford Falcon	68
Renault Dauphine	60	Jaguar XJ-S	02	Jaguar XJ 12C	77
Renault 5 Alpine	83	Mini Cooper	02	Mazda RX-7	80
Saab 96	64	MG 6 GT	18	Mercedes Benz CLK	00
Sunbeam Rapier	63	Nissan Primera	00	Mercedes 190E	92
Talbert Sunbeam Lotus	81	Opel Astra	00	Mercedes 450SLC	82
Porsche 911	67	Vauxhall /Opel Vectra B	04	Mercedes C Class	96
Triumph 2000	65	Vauxhall Cavalier/ Vectra A	93	Nissan Skyline GT-R	90
Triumph Dolomite	74	Renault Clio	92	Opel Commodore GS/E	76
Vauxhall Firenza Magnum	77	Renault Laguna	97	Renault Megane Trophy	05

Volvo PV544	63	Rover SD1 Vitesse	85	Peugeot 406 Coupe & Sil	04
Volvo 122S	60	Seat Toledo	94	Plymouth Hemicuda	79
Volvo 240 Turbo	83	Volvo 850	93		
VW Beetle	60	Volvo 850 Estate	94		
Super Beetle	72	Volvo S60R	04		
		VW Passat CC	18		