

# TAMIYA 1/10 Electric Touringcar (TC) Chassis Comparison [Wheelbase 257mm / Width approx. 190mm] presented by sakaguchinetshop.com

Chassis name:	TT-02	TT-02 Type-R	TT-02 Type-RR	TT-02 Type-S	TT-02 Type-SR	TT-02 Type-SRX	TB-04	TB-04 Pro	TB-04 Pro II	TB-04R	TB-05 Pro	TB-05R	TC-01	TB Evolution 7	
Chassis picture:															
MPN (Product Number):	Many different e.g. 58626	47326	47382	58600	47439	58720	58560	84339	84382	84412	58658	47456	58661	42315	
Release Date:	05/2013	03/2015	12/2018	02/2015	04/2020	03/2023	10/2013	09/2013	06/2014	05/2015	06/2018	03/2021	08/2020	10/2017	
Available?	Yes	Yes	Discontinued	Yes	Yes	Yes	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued	Yes	Discontinued	
Drive (Diffs Front-Rear) // (DC-GearSet, DC-Direct Coupling, OGD-Old Gear Diff)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	4WD Shaft Drive (DC-OD)	
Description: SSB = Super Short Big Bore / v2 = #54571 incl.	Most basic Tamiya touringcar / Friction dampers	Some tuningsparts included / Plastic Dampers	Some tuningsparts included / Plastic Dampers	Featuring soft reversible suspension for better cornering / Plastic Dampers	Featuring hard reversible suspension for better cornering / Plastic Dampers	Featuring TRF420 suspension for better cornering / Plastic Dampers	Featuring reversible (IFS) suspension for better cornering / Plastic Dampers	Featuring reversible suspension for better cornering / TRF Dampers	418 Suspension, TRF Dampers	418 Suspension, TRF Big Bore Dampers	418 Suspension, TRF Dampers	420 Suspension, SSBv2 Dampers, 420 Suspension Mounts with inserts	TC-01 (IFS) Suspension, Plastic Dampers	418 Suspension, SSB Dampers	
Suspension Type:	Standard Plastic	Standard Plastic	Standard Plastic + PA-GF (upper camber arms)	Reversible (Ev04) - PA-GF (soft)	Reversible (Ev04) - PA-CF (hard)	TRF420 #54886 - PA-CF (hard)	Reversible (Ev05) - PA-GF (soft)	Reversible (Ev05) - PA-GF (soft)	TRF418 PA-CF (hard)	TRF418 PA-CF (hard)	TRF418 PA-CF (hard)	TRF420 #54886 - PA-CF (hard)	TA-08 Pro / TC-01	TRF418 PA-CF (hard)	
Most important spare parts:	Main Chassis #51532, A-Parts #51527	Main Chassis #51532, A-Parts #51527	Main Chassis #51532, A-Parts #51527	Senseful upgrade: Suspension Arms #51104, C-Hubs #54031	Suspension Arms #51104, C-Hubs #54031	Swing Shaft Protectors #54536	Senseful upgrade: Suspension Arms #53928, C-Hubs #54031, Bevel Gear Set #51547	Senseful upgrade: Suspension Arms #53928, C-Hubs #54031, Bevel Gear Set #51547	C-Hubs #54580, Bevel Gear Set #51547	C-Hubs #54580, Bevel Gear Set #51547	C-Hubs #54580	Swing Shaft Protectors #54921, Front Uprights #51638, Suspension Arms #51639	Front Uprights #51638	C-Hubs #54580	
Most important option parts:	Ball Bearings #54476, CVA Mini Oil Dampers #50746 v2, Turnbuckle Tie Rods #53662	Turnbuckle Tie Rods #53662, TRF Dampers, Au Steering #54574	TRF Dampers, Au Steering #54574	Suspension Arms #51104, C-Hubs #54031, Hard Fr. Uprights #51333, 4" C-Hubs #54580, Front Direct Coupling #52947	TRF Dampers, Au Steering #54586, Drop Setting Plates #54638 (2x)	TRF Dampers, Au Steering #54565	TRF Dampers, Suspension Arms #53928, C-Hubs #54031, Hard Fr. Uprights #51333, Hard Rear Uprights #51333, 4" C-Hubs #54580, Front Direct Coupling #54592	Suspension Arms #53928, C-Hubs #54031, Hard Fr. Uprights #51333, Hard Rear Uprights #51333, 4" C-Hubs #54580, Front Direct Coupling #54592	Au suspension mounts, Stabilizer Set, 4" C-Hubs #54580, Front Direct Coupling #54592	Front Direct Coupling #54592	4" C-Hubs #54580, Front Direct Coupling #54592	Front Direct Coupling #54592	Front Direct Coupling #54592, TRF Dampers	Harder Springs, VG Damper C-Rings #42359	
Kit Weak Points:	Worn plastic threads (after overtightening), breaking uprights	Worn plastic threads (after overtightening), breaking uprights	Worn plastic threads (after overtightening), breaking uprights	Worn plastic threads (after overtightening), too soft suspension parts, Front C-Hubs are fragile	Worn plastic threads (after overtightening), Front C-Hubs are fragile	No easy adjustment of droop possible, 420 suspension not best suitable because of narrow thread width	Too soft suspension parts, Transversal motor layout is resulting in excessive wear on bevel gears, Front C-Hubs are fragile	Too soft suspension parts, Transversal motor layout is resulting in excessive wear on bevel gears, Front C-Hubs are fragile	Transversal motor layout is resulting in excessive wear on bevel gears, Front C-Hubs are fragile	Transversal motor layout is resulting in excessive wear on bevel gears, Front C-Hubs are fragile	6" C-Hubs, Front C-Hubs are fragile	Front 4.5mm Swing Shaft protectors wear pretty fast	High specific weight	Front C-Hubs are fragile	
Required knowledge level (1-10):	1/10	2/10	3/10	4/10	4/10	4/10	5/10	6/10	8/10	8/10	8/10	8/10	7/10	10/10	
Racing purpose (1 = Not suitable for racing / 10 = Pro Competition):	Entry level touring car (3)	Entry level touring car (4)	Entry level touring car (4)	Advanced Level touring car (5)	Club Racing Level touring car (6)	Pro Racing Level touring car (7)	Club Racing Level touring car (6)	Club Racing Level touring car (6)	Advanced Level touring car (7)	Pro Level touring car (8)	Pro Level touring car (8)	Pro Level touring car (8)	Advanced Level touring car (7)	Competition Level touring car (8)	
Beginner compatibility (1-10):	10/10	9/10	9/10	7/10	6/10	6/10	5/10	4/10	4/10	4/10	4/10	2/10	2/10	1/10	
Pro (Race) compatibility (1-10):	2/10	3/10	3/10	5/10	7/10	5/10	3/10	5/10	5/10	5/10	6/10	6/10	4/10	7/10	
Winning history:	Many 24h endurance race wins														
Interesting facts:	This chassis has made RC-Cubs to make their own TT-02 racing series, Short Wheelbase Compatible (251mm)	Short Wheelbase Compatible (251mm)	Short Wheelbase Compatible (251mm)	Best performing TT-02 on race tracks			TB-04 Diff	TB-04 Diff	TB-04 Diff	TB-04 Diff	TB-04 Diff	TB-04 Diff: Noticeable improvement, mainly due to more rigid suspension	TB-04 Diff, TC = LMP Body Shells do also fit	TB-04 Diff	
Popularity (how often it is used within all Tamiya TC):	10/10	4/10	2/10	5/10	5/10	3/10	3/10	3/10	3/10	4/10	5/10	5/10	3/10	5/10	
What is inside the box?	Chassis Kit, Motor, Electric Speed Controller, Body (exc. First Try Kit), Manual, Wheels and Tires	Chassis Kit, Manual, Wheels and Tires	Chassis Kit, Manual, Wheels and Tires	Chassis Kit, Motor, Manual, Wheels and Tires	Chassis Kit, Manual and Wheels	Chassis Kit, Manual and Wheels	Chassis Kit, Motor, Electric Speed Controller, Body, Manual, Wheels and Tires	Chassis Kit, Manual and Wheels	Chassis Kit, Manual and Wheels	Chassis Kit, Manual and Wheels	Chassis Kit, Manual and Wheels	Chassis Kit and Manual	Chassis Kit and Manual	Chassis Kit, Body, Manual, Wheels and Tires	Competition Touring Car Kit (Roller), Manual
What is needed for driving?	Transmitter + Receiver (2ch), Servo, 7.2V/6.4V Battery, Battery Charger, Body and Polycarbonate Paint	Transmitter + Receiver (2ch), Servo, 7.2V/6.4V Battery, Battery Charger, Body and Polycarbonate Paint	Transmitter + Receiver (2ch), Servo, 7.2V/6.4V Battery, Battery Charger, Body and Polycarbonate Paint	Transmitter + Receiver (2ch), Servo, 7.2V/6.4V Battery, Battery Charger, Body and Polycarbonate Paint	Transmitter + Receiver (2ch), Servo, 7.2V/6.4V Battery, Battery Charger, Body and Polycarbonate Paint	Transmitter + Receiver (2ch), Servo, 7.2V/6.4V Battery, Battery Charger, Body and Polycarbonate Paint	Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	
Cost:	1/10	3/10	3/10	3/10	4/10	5/10	5/10	6/10	6/10	7/10	7/10	9/10	6/10	7/10	












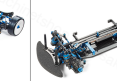




Dear reader,

I have created this tabular overview in order to inform and compare all the most recent TAMIYA Touringcar Chassis. I am trying to keep this information as much precise / up-to-date as possible. If you find any points, which should be added, feel free to contact me!

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Meaning of Tamiya Chassis Suffixes:  
 Pro: Standard Kit with various option parts included  
 R: Standard Kit with high amount of option parts included  
 RR: More racing suitable variant of R  
 MS: Maezumi Satoshi / TRF Employee & Driver / Refined Kit versions  
 MSX: Racing developed successor of MS version  
 X: Racing developed / refined successor of „non-X“ version  
 XR: Successor of X version

TB Evolution 8	TA-07 Pro	TA-07R	TA-07MS	TA-07MSX	TA-07RR	TA-08 Pro	TA-08R	TRF419	TRF419X	TRF419XR	TRF420	TRF420X	TRF421	... tbc
														
42383	58636	84433	42326	42364	47445	58693	47498	42285	42301	42316	42345	42382	42384	
12/2022	07/2016	03/2018	12/2018	12/2020	07/2020	07/2021	12/2023	12/2014	05/2016	12/2017	12/2019	05/2022	05/2024	
Yes	Yes	Discontinued	Discontinued	Discontinued	Discontinued	Yes	Yes	Discontinued	Discontinued	Discontinued	Discontinued	Discontinued	Yes	
4WD Shaft Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	4WD Belt Drive [DC-032]	
TC-01 Suspension, SSBv2 Dampers	418 Soft Suspension, TRF Dampers	418 Medium Suspension, TRF Dampers	419X Suspension, SSBv2 dampers	420 Suspension, SSBv2 dampers, 420 Suspension Mounts with inserts	420 Suspension, SSBv2 dampers, 420 Suspension Mounts with inserts	TC-01 Suspension, Plastic SSBv2 Dampers	TC-01 Suspension, Alu SSBv2 Dampers, Carbon Upperdeck	418 Suspension, TRF Big Bore Dampers	419X Suspension, SSBv2 dampers	419X Suspension, SSBv2 dampers	420 Suspension, SSBv2 dampers with inserts	420 Suspension, SSBv2 dampers, 420 Sus. Mounts w/ inserts, TRF VG O-Rings (Dampers + Diff), TRF Blue Bearings, Floating RC Plate, Alu + CF Chassis incl.	421 Suspension, USBv2 dampers, TRF VG O-Rings (Dampers + Diff), TRF Blue Bearings, Floating RC Plate, 2 different topdecks incl.	
TA-08 Pro / TC-01	TRF418 PA-GF (soft)	TRF418 PA-GF (medium)	TRF419X PA-CF (hard)	TRF420 #54886 - PA-CF (hard)	TRF420 #54886 - PA-CF (hard)	TA-08 Pro / TC-01	TA-08 Pro / TC-01	TRF418 PA-CF (hard)	TRF419X PA-CF (hard)	TRF419X PA-CF (hard)	TRF420 #54886 - PA-CF (hard)	TRF420 #54886 - PA-CF (hard)	TRF421 - PA-GF (medium)	
Rear Body Mount Holders, Swing Shaft Protectors #54921, Front Uprights #51638.	Senseful upgrade: Suspension Arms #53928, C-Hubs #54031	Senseful upgrade: Suspension Arms #54569, C-Hubs #54580	C-Hubs #54580, VG Damper O-Rings #42359	Swing Shaft Protectors #54921, Front Uprights #51638, Suspension Arms #51639	Swing Shaft Protectors #54921, Front Uprights #51638, Suspension Arms #51639	Front Uprights #51638	Front Uprights #51638	C-Hubs #54580	C-Hubs #54580	C-Hubs #54580	Swing Shaft Protectors #54921, Front Uprights #51638, Suspension Arms #51639.	Swing Shaft Protectors #54921, Front Uprights #51638, Suspension Arms #51639	Swing Shaft Protectors #54921, Upper Suspension Arms #51739	
LF 42mm Driveshafts #42360, Harder Springs	TRF419 Front Direct Coupling	VG Damper O-Rings #42359, TRF419 Front Direct Coupling	VG Damper O-Rings #42359	LF 44mm Driveshafts #42362, Harder Springs, VG Damper O-Rings #42359	LF 42mm Driveshafts #42360, Harder Springs, VG Damper O-Rings #42359	VG Damper O-Rings #42359, TRF420 Front Direct Coupling	VG Damper O-Rings #42359	VG Damper O-Rings #42359	VG Damper O-Rings #42359	VG Damper O-Rings #42359	LF 44mm Driveshafts #42362, Harder Springs, VG Damper O-Rings #42359	Harder Springs	Harder Springs	
Front 4.5mm Swing Shaft protectors wear pretty fast / Front Driveshaft Pins too short	Too soft suspension parts, Front C-Hubs are fragile	Too soft suspension parts, Front C-Hubs are fragile	Front C-Hubs are fragile	Front 4.5mm Swing Shaft protectors wear pretty fast / Front Driveshaft Pins too short	Front 4.5mm Swing Shaft protectors wear pretty fast / Front Driveshaft Pins too short	Low chassis rigidly due to missing topdeck	Front 4.5mm Swing Shaft protectors wear pretty fast	Front C-Hubs are fragile	Front C-Hubs are fragile	Front C-Hubs are fragile	Front 4.5mm Swing Shaft protectors wear pretty fast / Front Driveshaft Pins too short	Front 4.5mm Swing Shaft protectors wear pretty fast	New batch of Swing Shaft protectors too thick -> use old batch or polish down	
10/10	6/10	6/10	10/10	10/10	6/10	6/10	7/10	10/10	10/10	10/10	10/10	10/10	10/10	
Competition Level touring car (8)	Advanced Level touring car (7)	Advanced Level touring car (7)	Competition Level touring car (8)	Competition Level touring car (8)	Advanced Level touring car (7)	Advanced Level touring car (7)	Pro Level touring car (8)	Pro Competition Level touring car (10)	Pro Competition Level touring car (10)	Pro Competition Level touring car (10)	Pro Competition Level touring car (10)	Pro Competition Level touring car (10)	Pro Competition Level touring car (10)	
1/10	2/10	2/10	1/10	1/10	2/10	2/10	2/10	1/10	1/10	1/10	1/10	1/10	1/10	
8/10	5/10	5/10	6/10	6/10	5/10	5/10	7/10	7/10	8/10	8/10	8/10	10/10	10/10	
												2022 JMRC Stock Champion		
TB-04 Diff	One Belt Layout	One Belt Layout	One Belt Layout	Both carbon + alu main chassis included, One Belt Layout	Noticeable improvement, mainly due to more rigid suspension	In some points this is the TRF420 „light“	In some points this is the TRF420 „light“. Due to added topdeck massive performance increase	Different chassis layout compared to TRF418	Similar chassis layout compared to TRF418	Similar chassis layout compared to TRF418	Noticeable improvement from TRF419XR, mainly due to more rigid suspension	Efficient evolution from TRF420 with many working improvements. Same belt size as TA-08.	New development from TRF, taken over some good working details from TRF420X	
3/10	5/10	5/10	3/10	1/10	5/10	3/10		2/10	2/10	2/10	2/10	2/10	3/10	
Competition Touring Car Kit (Roller), Manual	Touring Car Kit (Roller), Manual	Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	Touring Car Kit (Roller), Manual	Chassis Kit, Manual and Wheels	Chassis Kit, Manual and Wheels	Competition Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	Competition Touring Car Kit (Roller), Manual	
Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo, Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	Motor, ESC, Servo (LP), Transmitter, Receiver, Battery	
9/10	5/10	6/10	8/10	10/10	8/10	6/10	8/10	9/10	9/10	9/10	9/10	10/10	10/10	