

# USGT Class Rules and Specifications as of 3-17-2025

## **Chassis Specification:**

Any 1/10 4wd or Fwd sedan with 4 wheel independent suspension

## **Weight Specification:**

4wd Minimum 1350g in race-ready trim

Fwd no minimum weight

## **Ride Height Specification:**

Minimum ride height is 5mm on Carpet

## **Tire & Wheel Specifications:**

### **Tires-**

CARPET p/n GRC123 (GRAY wheels) set of 4 available through Gravity RC

<http://www.teamgravityrc.com/> to dealers and retail

### ASPHALT/OUTDOOR SURFACES

Mounted - GRC123, GRC124, GRC124GTB, GRC124GTW Unmounted tire - GRC125

Grinding of tire tread is NOT permitted. Sanding of mold seam to remove seam is allowed

### MUST USE INCLUDED INSERTS

**Wheels-** Any 24mm - 26mm spoke (non-dish) type wheel

## **Motor Specifications:**

**The only legal motor for USGT will be the USGT Spec motor #GRC2000**

### **USGT SPEC MOTOR RULES GRAVITYRC #GRC2000:**

**NO rotors, sensors or stators outside of the below specification provided will be considered legal. Aluminum, titanium, stainless steel or other non metallic main can or end bell screws are prohibited for USGT competition.**

### **MOTOR TECH CHECKLIST:**

MEASUREMENTS TAKEN AT ROOM TEMPERATURE OF 75DEG F\*

AVERAGE STATOR POLE RESISTANCE: (TOLERANCE 30.0--30.7 ohms)

AVERAGE TIMING AT 5,000RPM: (TOLERANCE 30--33deg)

TOTAL SENSOR GAP: (TOLERANCE 0--3deg)

ROTOR ALIGNMENT: (TOLERANCE 0--5deg)

(These measurements were developed by Gravity RC with their in house test equipment. For assistance with motor technical inspection for your race or club track, contact Gravity RC at [paul.lemieux3@gmail.com](mailto:paul.lemieux3@gmail.com) )

ROTOR: Must use stock rotor - USGT logo engraved on shaft

**Approved ESCs:**

ANY ESC that is ROAR approved and using ROAR approved "Blinky" spec software or on the USVTA list

**Battery Specifications:**

Any 7.4v - 7.6v 2s ROAR approved hard case batteries. 8.40v is voltage maximum allowed.

**Race Specification:**

6 minute qualifiers

8 minute mains (shorter mains may be specified by race director)

**MOST IMPORTANTLY: If it's not in the rules, and does not encompass the spirit of fun, controlled racing with realistic looking cars, consider it illegal. This is called the "Spirit of USGT" Rule.**

**Body Specifications:**

Refer to body list for currently available/approved bodies.

FWD ***MUST*** use FWD bodies.

Scale realism consideration:

Bodies intended for the USGT class should conform as closely as possible to the full scale car it represents. Added elements, including, but not limited to, cuts, channels, raised or lowered sections of the body, additional air control devices and distortion of the body shape are prohibited. Only the addition of a front splitter is allowed. While recognizing that translation of a full scale car to a 1/10 radio control model is never perfect, intentional distortion for aerodynamic gain is cause for rejection of a body.

A sample of the body may be requested for examination.

Body approval is a subjective process. The main aim is to preserve scale looks over ultimate aerodynamic performance. Questions on design can be sent to [rjvking@hotmail.com](mailto:rjvking@hotmail.com) prior to production.

Examples of bodies considered for approval:

\*Can AM or IMSA style bodies, similar to 1/12 or 1/8 bodies using an integrated wing are illegal.

EX: Porsche 962 style bodies or LeMans P1.

\*Japanese GT OK

\*German DTM OK

\*NO Trucks vans minivans school buses garbage trucks, utility vehicles, moon landers, zambonis, golf carts, quads, etc allowed.

\*No fantasy or unproduced concept vehicles. If it's not a car it's not legal.

#### DISCONTINUED BODIES:

Discontinued unlisted bodies will be added as the USVTA sees fit to add them in based on the spirit of the class. Your Local track can always make adjustments to this rule...Please use the following if you want to deviate from the Body list for local racing

DISCONTINUED BODIES general guidelines:

\*Any 190mm or 200mm body appropriate for this class.

\*Body can be any body that is NOT or HAS NOT BEEN on the ROAR T2 body list.

Track director or race promoter has the final say on legality of discontinued unlisted bodies.

Altering the body for the purpose of lightening by sanding, scraping, or any other method is ILLEGAL.

Minimum finished body weight : 95 g -- Any weight which must be added to body for minimum weight requirement must be added on the underside of the roof panel

#### **Paint:**

Scale type race liveries encouraged. Ugly bodies will berated and scorned. No clear bodies.

#### **Splitter:**

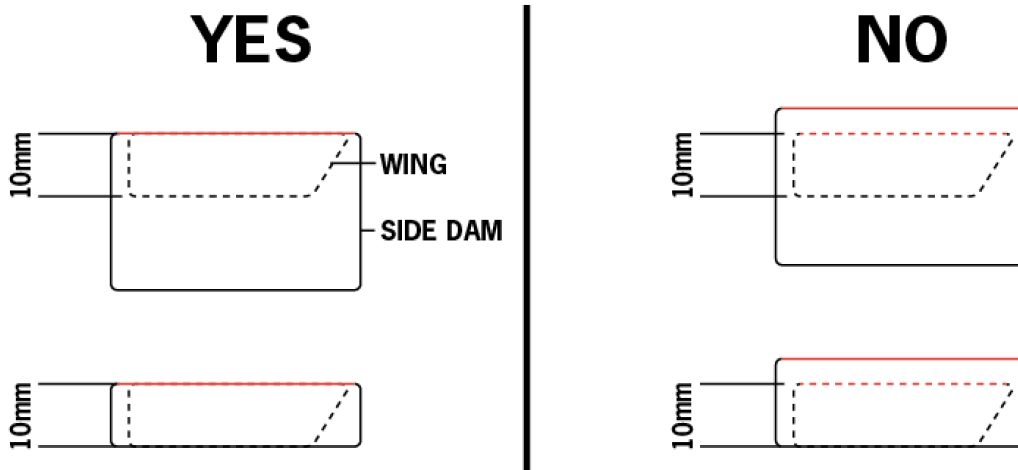
Bodies not equipped with a front splitter / spoiler may attach a flat lexan splitter to the front lower fascia. This must protrude from the front end parallel to the ground/track surface. When measured from the vertical surface of the body, it may extend up to 8mm. This device may only be mounted between the forward edges of the front wheel well arches. Bodies with molded in splitters may not extend or improve the molded in device.

**Wing:**

Any "SCALE" molded wings can be used.

Lexan wings 10mm maximum height / side dam height must match top edge of wing. Side dam may extend below wing. See diagram (courtesy Mike Rydwell).

Clear wings not allowed.



**USGT BODY LIST:** as of 06/23/2023

## **TAMIYA:**

RC BODY SET FORD MUSTANG GT4 ITEM# 51614  
RC Body Set Opel Calibra V6 ITEM# 84236  
RC Body Set BMW M3 GT2 2009 – Lightweight ITEM# 84176  
RC Body Set Nissan GT-R – Lightweight ITEM# 84069  
RC Body Set Petronas TOM's - RC F ITEM# 51582  
RC Body Set Subaru BRZ R&D - 2014 Rd.2 Fuji ITEM# 51575  
RC Body Set Raybrig NSX - Concept-GT ITEM# 51563  
RC Body Set Raybrig NSX - Concept-GT Lightweight ITEM# 47315  
RC Body Set ENEOS SUSTINA RC F ITEM# 51562  
RC Body Set LaFerrari ITEM# 51544  
RC Body Set Mercedes-Benz SLS - AMG GT3 ITEM# 51534  
RC Body Set Ferrari 458 ITEM# 51526  
RC Body Set Mercedes-Benz SLS - Petronas Syntium AMG GT3 ITEM# 51519  
RC Body Set Subaru BRZ R&D – Sport ITEM# 51515  
RC Body Set Ferrari 599XX ITEM# 51474  
RC Body Set Nissan GT-R - Sumo Power GT ITEM# 51453  
RC Body Set Weider HSV-010 ITEM# 51447  
RC Body Set Raybrig HSV-010 ITEM# 51429  
RC Body Set BMW Z4 M Coupe ITEM# 51295  
RC Body Set Ferrari F430 ITEM# 51201  
RC Body Set Xanavi Nismo GT-R - R34 ITEM# 51041  
RC Body Set Raybrig NSX 2003 ITEM# 49339  
RC Body Set ARTA 2005 NSX ITEM# 51245  
RC Body Set Raybrig NSX 2007 ITEM# 84065  
RC Body Set ORC Amemiya SGC-7 ITEM# 51372  
RC Body Set Xanavi Nismo GT-R - R35 ITEM# 51359  
RC Body Set Lexus Mobil 1 SC ITEM# 51257  
RC Body Set Motul Autech GT-R ITEM# 51584  
RC Body Set Volkswagen Golf24 ITEM# 51497  
RC Body Set Beams Integra ITEM#50968  
Rc Body Set Mclaren Senna Item# 51693  
Rc Body Set Toyota Gr Supra Item# 51622  
Rc Body Set 2020 Ford Gt Mk.II Item# 51664  
Rc Body Set Honda Civic #51421  
Rc Body Set Nissan Skyline Gt-R (R32) #51365  
Rc Body Set 1997 Mercedes Clk-Gtr #47437

## **PROTOFORM:**

1543-30 | Cadillac ATS-V.R  
1544-30 | Chevy Camaro Z/28  
1533-30 | Chevy® Camaro ZL1 Clear Body  
1542-30 | PFM-10  
1557-39 | Chevrolet® Corvette™ C7.R  
1563-25 | Chevrolet Corvette ZR1  
1550-25 | Ford GT  
1573-25 | Vittoria GT  
1574-25 | Chevrolet Corvette C8  
1591-25 | Venturi

## DISCONTINUED

PROTOform PRM1481 200mm Corvette C6-R  
PROTOform PRM1531 190mm Lexus LFA Sedan  
Protoform PRM1493 Vauxhall Astra 190mm  
Protoform PRM 1492 Vauxhall/Opel Ventra 190mm  
Protoform PRM 3098 Ferrari F360 Modena 200mm  
Protoform PRM6151 Mercedes CLK DTM 190mm  
Protoform BMW M3 190mm

## **McALLISTER:**

#191 2003 Corvette  
#192 MUSTANG COBRA  
#211 JAGUAR XKR  
#282 MERCEDES DTM  
#307– MX-Stang GT body  
#311 LeMans C6

## **EXOTEK:**

#1762 P-ZERO GT  
#1863 R•TEK GT  
#1884 J-ZERO GT  
#1947 P1-Z GT  
#2064 TYPE A  
#2129 GTF  
#2288 Pzero R

## **SuperRad:**

#SR-30 SuperZGT

**BFGRC:**

1/10 Mosler Raptor GTR

1/10 Shelby Daytona

**Mon Tech:**

MB-012-004 Mon-Tech RS-SPORT CUP Body 190 mm

MB- 007-005 Mon-tech E-B1 body 190 mm

(note MB- 007-005-new is a different body - NOT LEGAL)

MB-019-008 Mon-Tech Trofeo GST 190mm GT Body

MB-020-004 Mon-Tech RS GT3 190mm GT Body

MB-021-003 Mon-Tech Akura 190mm GT Body

MB-022-018 Mon-Tech RS01 GT10

MB-022-009 Mon-Tech Divo

**HPI:****190mm**

#17218 - NISSAN 350Z GREDDY TWIN TURBO

#7314 - HONDA S2000

#7327 - NISSAN SKYLINE R34 GT-R

#7335 - PORSCHE 911 TURBO

#7338 - HONDA CIVIC COUPE Si

#7340 - TOYOTA CELICA

#7341 - NISSAN SILVIA (S15)

#7352 - BMW M3 GT

#7373 - 2003 DODGE VIPER GTS-R

#7382 - MAZDA RX-7 FD3S

#7383 - HONDA NSX GT

#7385 - NISSAN 350Z NISMO GT RACE

#7388 - MAZDA RX-8 MAZDASPEED A SPEC

#7403 - MITSUBISHI ECLIPSE

**200mm**

Mazda RX-8 Speed A Spec #7488

Chevy Corvette C6 #17503

Dodge Viper #7473

Porsche 911 Turbo 997 #17527

2005 Ford Mustang GT-R #17504

BMW M3 GT2 E92 #17548

PAGANI ZONDA F #17523

Nissan GT-R R35 Clear #17538  
Porsche 911 Turbo Clear #7435  
Ford GT #7495  
Lexus IS F Racing Concept #17542  
2010 Chevrolet Camaro #17543  
Alfa Romeo 8C Competizione #17544  
Porsche 911 GT1 #7038  
Toyota MR-S #7466  
Porsche Carrera GT #7487

### **BITTYDESIGN:**

Venom #BDGT-190VNM  
AGATA # BDGT-190AGT  
Seven20 # BDGT-190S20

### **Pitlane Hobbies/NutDriver Motorsports:**

Marcos LM600 # PLLM600  
AMGT #PLAMGT.  
Gillet Vertigo #PLVERTIGO

### **SabulaTech:**

STBL2104/Bolink BL2104 1996 Trans Am Mustang (TC)  
BL2238 '94 Calibrate Touring Car Body 190mm (CALIBRA)  
BL2297 '94 Marrow GT 200mm (CAMARO)

### **VATERRA:**

2012 Nissan GTR GT3 Clear Body Set: V100 VTR230004  
2012 Nissan GT-R Clear Body Set: V100 VTR230003  
2015 Ford Mustang Body Set Unpainted VTR230039  
2014 Chevrolet Corvette Z51 Body Set Unpainted VTR230037  
2012 Chevrolet Camaro ZL-1 Clear Body Set: V100 VTR230002

### **The Build RC:**

Honda NSX Raybrig 190mm Clear Part #: rcvp334310171  
Aston Martin DBR9 190mm Clear Part #: rcvp334310075  
FORD MUSTANG BOSS 302 190mm Clear Part #: rcvp334310157  
BMW M3 Coupe 190mm Clear Part #: rcvp334310129



2014 Nissan GTR R35 Skyline 190mm Clear Part #: rcvp334310210  
LEXUS SC430 DTM 190mm Clear Part #: rcvp334310169  
BMW Z4 190mm Clear Part #: rcvp334310068  
CITREN SURVOL 190mm Clear Part #: rcvp334310102  
Dodge Challenger SRT8 2012 190mm Clear Part #: rcvp334310144  
Nissan GT-R (R35) 190mm Clear Part #: rcvp334310089  
Mercedes-Benz Carlsson C25 190mm Clear Part #: rcvp334310101  
NISSAN S15 SP 190mm Clear Part #: rcvp334310168  
MAZDA RX-7 RE 195mm Clear Part #: rcvp334310162  
Peugeot 408 190mm Clear Part #: rcvp334310078  
Mazda RX-7 Sport 185mm Clear Part #: rcvp334310215  
Dodge Viper SRT10 ACR-X 190mm Clear Part #: rcvp334310099  
NISSAN TY15 Silvia S15 190mm Clear Part #: rcvp334310137  
HONDA CR-Z PC 195mm Clear Part #: rcvp334310158  
Benz AMG C-Coup 190mm Clear Part #: rcvp334310155  
FERRARI 599XX 195mm Clear Part #: rcvp334310165  
AUDI R8 195mm Clear Part #: rcvp334310167  
GTspirit Bugatti Veyron Special Editions 210mm Clear Part #: rcvp334310214  
Volkswagen Golf GTI W12 195mm Clear part #:rcvp334310130  
Lamborghini Gallardo 205mm Clear part #:334310200

## **COLT:**

RX7 190mm Clear Part #: M2340  
NISSAN GTR 190mm Clear Part #: M2341  
911 GT1 200mm Clear Part #: M1136  
CLK DTM 200mm Clear Part #: M1132  
CLK GTR 200mm Clear Part #: M1130  
NISSAN GTR 200mm Clear Part #: M2330  
BMW M3 200mm Clear Part #: M1135  
SUPRA 200mm Clear Part #: M2329  
911 GT3 200mm Clear Part #: M1131  
C5R Corvette 200mm Clear Part #: M1140  
C6 Corvette 200mm Clear Part #: M2339  
Mustang GTR 200mm Clear Part #: M2336

## **ASSOCIATED:**

Lexus RC F Body, clear Part #: 31458  
Scion FR-S Body, clear Part #: 31461

## **Delta Plastik:**

**200mm:**

FT001- Alfa Romeo 8C

0055 - Ferrari Enzo

0033 - Audi TT

0037 Porsche 911

0038 - W12

0040 F50

0049 Viper

0050 Lotus Elise

0052 - CLK

0055 - Ferrari Enzo

0056 Diablo

0058 BMW M Coupe

0402 - PANOZ ESP. GTR-1

0405 Mustang

0406 - 406 Racing

0407 - MC12

0410 - BMW Z3

0417 - Ferrari F355 Challenge

0419 - Mercedes CLK

**190mm:**

0020 - BMW M3

0023 - Audi A3

0024 - CLK

0031 - 406 Racing

0039 - SLK

0042 - Honda NSX

## **Killerbody**

2011 Camaro....part# 48023

Alfa Romeo 155 GTA....part#48472

Alfa Romeo 75 Turbo Evoluzione....part# 48481

Alfa Romeo T23 Corsa....part#48296

Corvette GT2....part#48011

## **3Racing**

LBD-CIVICMK9 - Civic MK9 Body

### **TEAM BLUE GROOVE:**

TBG N TYPE 1/10 300ZX IMSA GTO BODY

KYOSHO MGB MK1 BODY AND WINDSHIELD VINTAGE  
NOSTALGIC

TBG VINTAGE TAISAN P TYPE 911 GT2 BODY

MK3 VR6 GOLF BODY

GOLF V5 BODY

VETTE C5 FOR TOURING CAR

F TYPE F50 BODY

LOW TUS ELISE BODY

P TYPE 206 BODY

F TYPE F355 F 355 BODY

VINTAGE AC COBRA 427 BODY

VINTAGE 1963 VETTE BODY

## **ZOO RACING**

ZooDiac - GT #ZR-0007-07

BWOAH ZR-0012-07

## **EVO RACE**

BM4-GT #ERGT0019

PZ-R GT #ERGT-PZR

