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# WELCOME TO 2024

## WHAT IS THE GR CUP?

Launched in 2023, the GR Cup Series is Toyota's amateur focused spec racing series held at seven iconic race tracks across the United States. Competitors can experience thrilling racing with a chance to take home a piece of the million dollar purse and prize package. Fans can follow this exciting series on social media and stream the races via the SRO's GT World YouTube channel. WeatherTech

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## **SPECIFICATIONS**

### **SUSPENSION, STEERING & BRAKES**

Front Suspension	TGRNA Designed MacPherson Strut
Rear Suspension	Multi Link Double Wishbone
Front Struts/Rear Shocks	JRi Dual adjustable w/external reservoirs
Steering	OEM Electronic Assist
Brakes (Front)	Alcon 4 piston calipers, Steel 332 x 32 Floating Discs
Brakes (Rear)	Alcon 2 piston calipers, Steel 280 x 32 Floating Discs
Tires Front/Rear	Continental 245/620R18 Slicks
Wheels	Rotiform Forged Aluminum Five-hole 8" x 18"

#### ELECTRONIC CONTROL SYSTEMS

Traction Control	Bosch MS6 Cup
Antilock Brake System	Motorsports ABS M5
Driver Display	Bosch DDU 11

### SAFETY EQUIPMENT

Fire Extinguishing Syste	m OMP Electronically Activated
Steering Wheel	OMP 320mm Dia
Window Net	OMP (FIA Appendix J, Article 253, Section J compliant)
Right-Side Drivers Net	OMP (FIA Standard 8863-2013 compliant)
Seat	OMP Fiberglass Seat with six-point safety harness (FIA 8855-1999)

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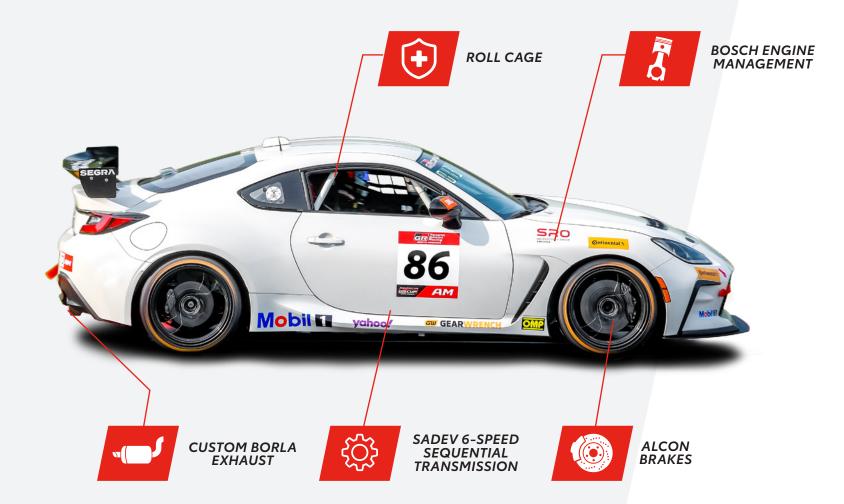
Length	4360mm (171.65 in)
Width	1774mm ( 69.84 in)
Height	1285mm (50.6 in)
Weight	1225 kg (2700 lbs.)
Construction	Steel/Aluminum body with high-strength roll cage built to FIA regulations
Front Splitter	Carbon & ShieldCore Thermoplastic Composite
Rear Wing	Carbon Fiber
Fuel Tank	ATL 22gal FT3 Safety Cell w/Billet Aluminum Remote Fill

#### **ENGINE & TRANSMISSION**

Туре	2.4L DOHC 4 Cylinder Horizontally Opposed FA24
Displacement	2,387 (146) cm^3 (cu in)
Max. Power	228 (170) HP (kW) / 7,000 rpm
Max. Torque	184 (250) ft-lb (N*m) / 4,550 rpm
Engine Management	Bosch MS6 Cup
Exhaust System	Borla Stainless Steel
Lubricants	Mobil 1 Synthetic
Transmission	SADEV 6 Speed Sequential
Differential	Torsen Limited Slip Differential (LSD)
Driveshafts	Dynotech Lightweight

The GR86 Cup car is a specially built race car for use only on closed courses. The GR86 Cup car is not certified to meet the Federal Motor Vehicle Safety Standards, and is illegal to drive on public roads.

## **VEHICLE FEATURES**



#### DESIGNED AND MANUFACTURED BY TOYOTA GAZOO RACING NORTH AMERICA

The GR Cup Series introduces the GR86 Cup Car, a race-ready version of the streetcar. Designed strictly for competition, the GR86 Cup Car utilizes a production-based 2.4L DOHC horizontally opposed four-cylinder engine paired with a custom high-flow Borla exhaust. Engine management is controlled by a Bosch Motorsport ECU and power is delivered through a SADEV race-spec 6-speed sequential transmission.

Additional vehicle features include: FIA certified roll cage, Alcon 4 piston front and 2 piston rear brakes, TGRNA designed MacPherson struts, JRi dual-adjustable shocks, TGRNA designed front splitter, APR carbon fiber rear wing, ATL 22 gallon fuel cell, OMP safety equipment, and various Stratasys 3D printed components.



## **2024 CALENDAR**

### 7 EVENTS / 14 RACES

Apr 5 • 7 SONOMA RACEWAY

May 3 • 5 SEBRING INT'L RACEWAY

May 17 • 19 CIRCUIT OF THE AMERICAS

July 19 • 21 VIRGINIA INT'L RACEWAY

Aug 16 - 18 ROAD AMERICA

Sep 6 • 8 BARBER MOTORSPORTS PARK

Oct 4 • 6 INDIANAPOLIS MOTOR SPEEDWAY





### **SERIES DETAILS**



**TWO 45-MINUTE RACES OVER A THREE-DAY WEEKEND** 

LIVE STREAMING VIA **SRO GT WORLD YOUTUBE CHANNEL** 

\$1 MILLION IN PURSES AND PRIZES



WORLD-CLASS **HOSPITALITY EXPERIENCE** 





