

# 2020 TOYOTA GR SUPRA

## GR SUPRA PACE CAR



To celebrate Supra's first time in NASCAR, the Xfinity Series honored Toyota by selecting the 2020 GR Supra to be its Official Pace Car for the 2019 season. The 2020 GR Supra Pace Car features the same 3.0-liter, turbocharged inline six-cylinder engine produces 335 horsepower and 365 lb-ft torque, transferred to the tarmac by way of an 8-speed transmission. Sprayed in a deep red hue called Renaissance Red 2.0 and adorned with pace car livery, the pace car was equipped with a Whelen LED light bar mounted atop the roof with flashing LEDs in the bumpers to provide visual markers to help drivers identify the pace car during starts, restarts and cautions. Toyota lowered the car and upgraded the brake pads to a more aggressive compound. A set of 19-inch HRE Forged P101SC Monoblok wheels equipped with Goodyear Eagle F1 Asymmetric 3 tires add a personalized touch to the Pace Car's appearance.



**ENGINE:** 2,998cc DOHC 24-valve In-line 6-cylinder Engine, Twin-Scroll Single-Turbocharger

**BRAKES:** Project MU Brake Pads (Front and Rear)

**WHEELS:** HRE Forged P101SC Monoblok Wheels, 19-inch

**TIRES:** Goodyear Eagle F1 Asymmetric 3 Tires, 285/30R19

**SUSPENSION:** TEIN Custom Coil-over Suspension

**LIGHTS:** Whelen Light Bar and Strobe Lights

# 2020 TOYOTA GR SUPRA

## GR SUPRA HERITAGE EDITION



Like any instant classic, the 2020 GR Supra is an amazing sports car. The Supra's return made it the perfect platform to use in a SEMA Show build-off between Ed Laukes, group vice president, Toyota Division Marketing and TV star Rutledge Wood. With direction from Ed, Toyota collaborated with Marty Schwerter and his team at Motorsports Technical Center (MTC) to incorporate some classic details from the legendary MKIV while staying inside the fenders of the GR Supra.

An actual MKIV Supra wing, customized by MTC and LG Motorsports sits atop the hatch, a visual cue of its heritage. Incorporating other vintage elements like the headlights and taillights proved a daunting challenge. This led to the design and manufacture of custom lighting, which feature 3D-printed buckets and lenses CNC-machined from blocks of acrylic.

On the performance side, a customized factory turbocharger by Precision Turbo & Engine provides an additional 18-percent airflow. With ECU calibration by Mission Performance, the Heritage Edition made over 500 horsepower heading into the show.

Putting the power to the ground required as much tire under the chassis as possible. To maintain the body lines while accommodating a wider wheel and tire packaged at the rear, MTC and Scarbo Performance designed an inboard suspension system. Borrowed from open-wheel racecar designs, this suspension allowed the use of 11-inch wide HRE P107SC wheels with meaty 305/30R19 Toyo Proxes R888R tires without cutting the rear fenders. Behind the wheel spokes, Brembo Monobloc calipers with 2-piece rotors reign in the speed at all four corners.



**LEAD BUILDER:** Marty Schwerter, Motorsports Technical Center (MTC)

**DESIGN/STYLING:** Beree Cox, Ed Laukes

**MECHANIC/FABRICATORS:** Rich Garver, Brad Vetter

**BODYWORK (AERO, SPLITTER AND WING):**  
LG Motorsports

**REAR DIFFUSER:** MTC, Cripworks

**PAINTER:** LA Prep

**COLOR:** PPG Paint, Re-entry Red

**ENGINE:** 2,998cc DOHC 24-valve In-line 6-cylinder Engine, Twin-scroll Single-turbocharger

**HORSEPOWER:** 500+ Horsepower

**ENGINE TUNING:** Mission Tuning

**TURBO:** Precision Turbo & Engine Modified Stock Turbocharger

**AIR INTAKE:** MTC, K&N Intake System

**DOWNPIPE:** Titan Motorsports

**EXHAUST:** MTC Custom Exhaust

**BRAKES:** Brembo Monobloc

(Front: M6 Calipers/380x34mm 2-piece Rotors, Rear: M4 Calipers/380x28mm 2-piece Rotors)

**BRAKE PADS:** Hawk Performance DTC 60 compound Brake Pads

**WHEELS:** HRE P107SC

(Front: 19x10.5-inch, Rear: 19x11-inch)

**TIRES:** Toyo Proxes R888R Tires (Front: 295/30R19, Rear: 305/30R19)

**SUSPENSION:** TEIN Adjustable Coil-over Suspension

**REAR ROCKER ARM SUSPENSION:** MTC, Scarbo Performance Custom Design

# 2020 TOYOTA GR SUPRA

## GR SUPRA HYPERBOOST EDITION



NASCAR Analyst and Toyota SEMA MC, Rutledge Wood, is a self-proclaimed Supra fanatic who also owns a MKIV Supra. Toyota partnered with Wood to develop a 2020 GR Supra for a SEMA Show build-off with Ed Laukes, GVP-Toyota Division Marketing. Wood was thrilled to work with Toyota and Rick Leos of LL17 Motorsports again, presenting his vision for the ultimate Supra, incorporating aesthetics and performance into one amazing machine. He could hardly contain his excitement to work on this dream build, which the team dubbed, "GR Supra HyperBoost Edition".

They designed a 20-piece wide-body kit that gives this hyper-boosted machine more aggressive body lines with broad shoulders. This kit is manufactured from strong and lightweight carbon-fiber composites. KW V3 adjustable coil-over suspension drops the widened chassis over a set of custom 20-inch Litespeed wheels. These wheels rely on Continental ExtremeContact Sport tires to provide traction, giving the HyperBoost extra grip and a menacing stance.

Under the hood, this aptly named project features a custom turbo kit by Boost Logic. The tubular manifold feeds exhaust gases into a Boost Logic BL Supra 750 Package turbocharger to generate boost pressure. Boost Logic also fashioned a downpipe to direct spent gases from the turbine to the rear of the chassis by way of a custom titanium exhaust system. Once calibrated with more fuel and air, the HyperBoost Edition produced more than double the factory output, generating 750-plus horsepower.



**LEAD BUILDER:** Rick Leos, LL17 Motorsports  
**DESIGN/STYLING:** LL17 Motorsports  
**MECHANIC/FABRICATORS:** Zohair Jaffery, Boost Logic  
**BODYWORK (AERO, SPLITTER AND WING):** LL17 Motorsports 20-piece Carbon-fiber Wide-body Kit  
**PAINTER:** Quality Autobody North  
**COLOR:** PPG Paint, TRD Cement Grey 1H5 Envirobase  
**ENGINE:** 2,998cc DOHC 24-valve In-line 6-cylinder Engine, Twin-scroll Single-turbocharger  
**HORSEPOWER:** 750+ Horsepower  
**ENGINE TUNING:** Boost Logic  
**AIR INTAKE:** Boost Logic BL Supra 750 Package  
**TURBO:** Boost Logic BL Supra 750 Package

**DOWNPIPE:** Boost Logic  
**EXHAUST:** Boost Logic Formula Series Titanium Exhaust System  
**SUSPENSION:** KW Automotive V3 Adjustable Coil-over Suspension  
**BRAKES:** Brembo Big Brake Kit (Front: M6 Calipers/380x34mm 2-piece Rotors)  
**WHEELS:** Litespeed Racing Custom 3-piece Wheels with Carbon-fiber Barrel (Front: 20x10-inch, Rear: 20x12-inch)  
**TIRES:** Continental ExtremeContact Sport Tires (Front: 285/30R20, Rear: 335/30R20)  
**INTERIOR:** Custom Carbon Fiber Trim



# 2020 TOYOTA GR SUPRA

## GR SUPRA 3000GT CONCEPT



Toyota Customizing & Development (TCD) presents the GR Supra 3000GT Concept. This build draws inspiration from the original 1994 TRD3000GT wide-body kit. This iconic wide-body aero kit was released in limited production to celebrate the Supra's success in the All-Japan Grand Touring Car Championship.

TCD infused the GR Supra with styling cues reflecting the MKIV DNA, technology, and history. This concept received a more aggressive appearance while the hood vents and rear-wing styling were modeled after the original. The rear fascia incorporates a custom exhaust system built by HKS. Once the exterior build was completed, Spin Imaging wrapped the body in a brushed silver and gold vinyl, bringing out the aggressive lines of the new bodywork.

TEIN Street Advance Z adjustable coilovers lower the chassis onto 19-inch TWS Motorsport RS317 forged-aluminum wheels fitted with Toyo Proxes R888R tires. From behind the wheel spokes, Brembo GT-S Monobloc brake calipers peek through, delivering enhanced stopping performance.

Inside the cabin, a pair of FIA-approved BRIDE Xero CS racing seats position the occupants, while upgraded Pioneer speakers provide enhanced sounds to suit the mood.



**LEAD BUILDER:** Toyota Customizing & Development (TCD)

**BODYWORK:** TCD

**PAINTER:** Wrapped by Spin Imaging

**TRIM:** Brushed Silver/Brushed Gold

**ENGINE:** 2,998cc DOHC 24-valve In-line 6-cylinder Engine, Twin-scroll Single-turbocharger

**HORSEPOWER:** 335 Horsepower

Torque: 365 lb-ft

**EXHAUST:** HKS Custom Exhaust for 3000GT Concept

**BRAKES:** Brembo GT-S Forged Monobloc Brake Kit (F: 6-piston Calipers, 380mm 2-piece Rotors)

**WHEELS:** TWS RS317 19-inch Forged-aluminum Wheels

**TIRES:** Toyo Proxes R888R Tires (Front: 265/30R19, Rear: 285/35R19)

**SUSPENSION:** TEIN Custom Street Advance Z Coil-over Suspension

**INTERIOR:** BRIDE Xero CS Racing Seats

**SOUND SYSTEM:** Speakers by Pioneer Electronics

# 2020 TOYOTA GR SUPRA

## GR SUPRA PERFORMANCE LINE CONCEPT



Toyota Customizing & Development (TCD) presents the GR Supra Performance Line Concept. The aerodynamics package is manufactured from carbon fiber, making it strong, lightweight and visually stunning. A lip spoiler with larger winglets adds breadth to the front bumper. The side skirts provide a lower side profile to the chassis. The door garnishes are not only visually appealing, but also help in smoothing airflow past the door and over the rear quarter panels. Rear spats with large winglets direct air past the bumper, while the hatch spoiler increases downforce at the rear of the car.

TCD designed a set of 19-inch, forged-aluminum wheels for the Performance Line Concept. Featuring a concave, mesh-spoke design, these strong and lightweight wheels resist deflection and reduce un-sprung weight, sharpening the Supra's handling characteristics. Michelin Pilot Sport 4 S tires provide grip for optimal traction and road holding.



**LEAD BUILDER:** Toyota Customizing & Development (TCD)

**BODYWORK:** TCD

**ENGINE:** 2,998cc DOHC 24-valve In-line 6-cylinder Engine, Twin-scroll Single-turbocharger

**HORSEPOWER:** 335 Horsepower

**TORQUE:** 365 lb-ft

**EXHAUST:** HKS

**WHEELS:** 19-inch Forged-aluminum Wheels

**TIRES:** Michelin Pilot Sport 4 S  
(Front: 255/35R19, Rear: 275/35R19)

**EXTERIOR:** TCD Custom Carbon-fiber Splitter, Side Skirts, Door Garnishes and Rear Fascia

**SUSPENSION:** TEIN Adjustable Coil-over Suspension

**INTERIOR:** BRIDE Stradia II Seats



# 2020 TOYOTA GR SUPRA

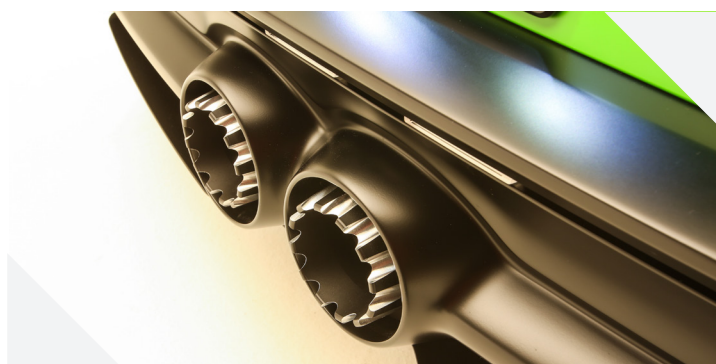
## GR SUPRA WASABI CONCEPT



Toyota Genuine Accessory Team presents a Street/Track vision of the Supra, the GR Supra Wasabi Concept. Named for its bold green hue, this build benefits from enhanced bodywork and a rear spoiler, courtesy of Five Axis. Integrated into the rear fascia, the dual tips of the 102mm Toyota "Super Single" center-exit exhaust system gives the Supra a deep, throaty exhaust note.

Strong and lightweight 20-inch Toyota forged-aluminum wheels equipped with Michelin Pilot Sport 4 S tires provide improved grip for optimal handling and traction. A closer look through the wheel spokes reveals Brembo B-M brake calipers with massive two-piece brake rotors at each corner.

The chassis is suspended on Öhlins Road & Track adjustable coilovers. This suspension features DFV (Dual Flow Valve) inverted monotube dampers with adjustments for low and high speed compression, as well as rebound. These adjustable dampers offer complete ride height adjustability to accommodate the perils of the street as well as the groomed surfaces found at the track.



**LEAD BUILDER:** Toyota Genuine Accessory Team

**DESIGN/STYLING:** Five Axis

**MECHANIC/FABRICATORS:** Phiaro

**BODYWORK (AERO, SPLITTER AND WING):**

Five Axis

**COLOR:** Green

**ENGINE:** 2,998cc DOHC 24-valve In-line 6-cylinder Engine, Twin-scroll Single-turbocharger

**EXHAUST:** Toyota Genuine Accessory Concept 102mm "Super Single" Center-exit Performance Exhaust w/Dual Tips

**BRAKES:** Brembo B-M Big Brake Kit (Front: 6-piston Calipers/405mm 2-piece Rotors, Rear: 4-piston Calipers/380mm 2-piece Rotors)

**WHEELS:** Toyota Genuine Accessory Concept Forged-aluminum Wheels (Front: 20x10-inch+23, Rear: 20x11-inch+30)

**TIRES:** Michelin Pilot Sport 4 S (Front: 275/30ZR20, REAR: 305/30ZR20)

**SUSPENSION:** Öhlins Road & Track Coil-over Suspension

**STRUT TOWER BAR:** Toyota Genuine Accessory Concept