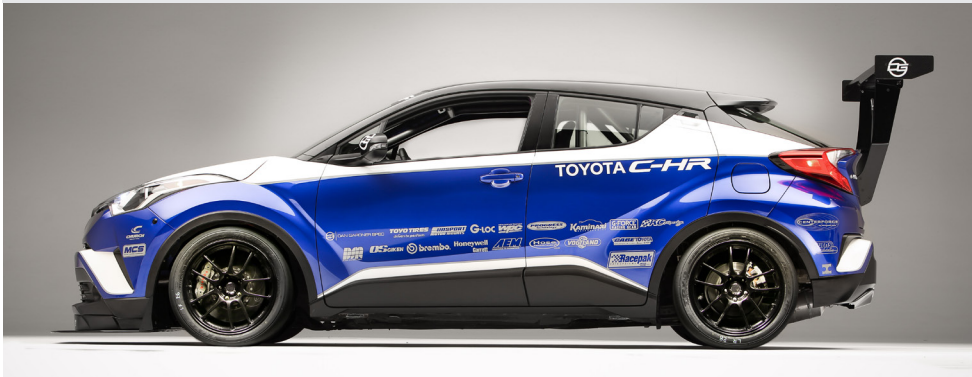


## BUILD VISION AND INSPIRATION

Toyota paired with DG-Spec to build the C-HR R-Tuned as a testament to how far the C-HR could go in a track environment. It features a 2.4-liter Toyota 2AZ-FE with forged internals, reinforced valve-train, and a custom DG-Spec Garrett turbo system that pushes power output beyond 600 horsepower at approximately 23 psi of boost. This is linked to a five-speed Toyota E-Series manual transmission replacing the stock CVT.

Not built to go fast only in a straight line, the C-HR R-Tuned also features Brembo racing brakes, Toyo race tires and a remote-reservoir, triple-adjustable DG-Spec Motion Control Suspension (MCS) motorsports dampers, and functional aerodynamics that produce 300 pounds of downforce at speed.

Able to accelerate from 0-60 mph in 2.9 seconds and produce 1.2g of braking force and 1.7g of lateral acceleration, the C-HR R-Tuned clocked a 1:25.22 lap time at Willow Springs International Raceway's (Calif.) 2.5-mile "Big Track," quicker than all but five production cars according to fastestlaps.com.



### BUILD GROUP

- › DAN GARDNER SPEC (DG-Spec)

### GENERAL

- › Estimated Power /Torque: 600 hp / 550 ft.-lbs.
- › Curb Weight: 2,960 lbs.

### ENGINE AND DRIVETRAIN

- › DG-Spec/Hasport custom engine swap to 2.4L 2AZ-FE
- › DG-Spec/Hasport custom transmission swap to Toyota E-Series 5-speed manual
- › DG-Spec/Hasport custom motor mount kit
- › DG-Spec/Garrett Custom Turbo System: GTX3076R Gen II turbo with 1.06 A/R turbine housing
- › DG-Spec custom intercooler with Garrett core
- › Dezod Motorsports-supplied forged connecting rods, 9.0:1 forged pistons, stainless steel intake valves, Inconel exhaust valves, racing valve springs, titanium retainers, and race bearings
- › DG-Spec/Dezod Motorsports custom wiring harness
- › AEM Series 2 Engine Management System
- › AEM sensors and adjustable fuel pressure regulator
- › Church Automotive Testing dyno tuning
- › DG-Spec Custom Downpipe
- › DG-Spec/Burns Stainless R-Tuned Performance 3" Cat-Back Exhaust
- › External water-cooled wastegate
- › DG-Spec Custom 4" Cold Air Intake
- › OS Giken Super Lock LSD
- › Centerforce custom clutch and flywheel

- › Stock transmission internals with WPC Surface Metal Treatment, cryo, and super polishing treatments
- › Hose Techniques custom radiator hoses and couplers
- › Twin oil coolers with custom Motorsports Technical Center ducting
- › Transmission cooler with fan
- › Custom racing radiator
- › High-capacity motorsports fuel pump with high G-Load capable pickup

### SUSPENSION

- › Front: DG-Spec/Motion Control Suspension triple-adjustable remote reservoir racing coilovers
- › Rear: DG-Spec/Motion Control Suspension triple-adjustable remote reservoir racing aluminum body shocks
- › Motion Control Suspension shock canister quick disconnects
- › DG-Spec custom rear ride-height adjust system
- › DG-Spec/Progress Technology adjustable rear camber arms
- › DG-Spec/Progress Technology 3-way adjustable rear sway bar
- › Vogtland racing springs
- › DG-Spec custom front alignment and corner balancing

### BODY AND INTERIOR

- › DG-Spec custom adjustable rear wing with gurney flap
- › DG-Spec custom adjustable front splitter

- › DG-Spec custom air dam and side dams
- › Kaminari custom vented carbon fiber hood
- › DG-Spec/Backstreet Graphics custom livery
- › Cabe Toyota and Motorsports Technical Center finishing work
- › Motorsports Technical Center custom hatch bracing

### WHEELS AND TIRES

- › 18x9 wheels front and rear
- › Toyo Proxes RR 275/35R18 DOT radial tires

### BRAKES

- › Front: Brembo 4-piston billet aluminum monobloc racing calipers with 355mm rotors with full-floating aluminum hats
- › Front: G-LOC R12 racing pads (>1,850 deg F)
- › Rear: G-LOC R10 racing pads (>1,475 deg F)
- › Stainless steel brake lines

### SAFETY

- › DG-Spec/Motorsports Technical Center custom 8-point roll cage
- › G-Force Pro Series 6-point harnesses

### GAUGES AND ACCESSORIES

- › Racepak IQ3 logger-dash and VNET sensors

### TEAM

- › Dan Gardner
- › Craig Stanton
- › Tom Oathoudt
- › John McNulty
- › John Kelly
- › Sean Morris
- › David Fredrickson
- › Joe Barile

