

Technical Specifications




GT86 CS-V3 by TMG


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Key Facts

 Built for the Nürburgring-based VLN endurance championship according to V3 (production-based) regulations.

 More than 7,000km of successful testing in race situations, including class victory in the 2012 Nürburgring 24 Hours.

 An affordable and race-tested car with special features:

-  Available in LHD and RHD versions;
-  High-performance Öhlins suspension;
-  Constructed only with FIA-homologated components;
-  Extremely low centre of gravity due to excellent base car design;
-  Rear-wheel drive with optional limited slip differential;
-  Welded roll cage for enhanced stiffness and safety;
-  Performance-enhancing optional parts;
-  Spare parts supply via TMG.

 Built and ready to race for €38,500 excluding tax (€45,815 including German VAT).



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Key Facts

Standard rear differential (ratio: 3,727) or optional Torsen (ratio: 4,1)



Specially-sourced OE braking plus cooling



FIA -certified racing seat with TMG logo



FIA-approved fire extinguisher system



Two-way adjustable Ölins suspension



Racing exhaust with FIA-approved racing catalyst



Camber adjustable suspension



Optional differential and/or engine cooler kits



FIA-certified roll cage according to Appendix J



Optional data logger with display integration kit



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Detailed Technical Specification

Dimensions and Weight:

Overall	Length:	4240mm
	Width:	1775mm
Wheelbase	2570mm	
Drag coefficient	0.27	
Weight (running)	1207kg	
Weight distribution	Front: 54%	Rear: 46%

Suspension:

Type	Front:	McPherson strut
	Rear:	Double wishbone
Stabilizer bar	Front: 18mm	Rear: 14mm

Brake System:

Type	Front:	Ventilated
	Rear:	Solid
Brake diameter	Front: 294mm	Rear: 286mm
Brake thickness	Front: 24mm	Rear: 10mm
Brake lines	Front: Braided	Rear: Braided



Detailed Technical Specification

Engine:










Type	FA20 (naturally aspirated)		
Cylinders	4-cylinder boxer (horizontally opposed)		
Valves	16-valve DOHC		
Bore/stroke	Bore: 86mm	Stroke: 86mm	
Displacement	1998cm ³		
Compression ratio	12,5:1		
Fuel system	D4-S		
Cooling system	Capacity: 7.2l		
Ignition system	Iridium		
Max. power	200PS / 7,000rpm		
Max. torque	205Nm / 6,400-6,600rpm		
Max. engine speed	7,450rpm		

Transmission:

Type	Manual		
Gear ratio	1st: 3,626	2nd: 2,188	3rd: 1,541
	4th: 1,213	5th: 1,000	6th: 0,767
	Rev: 3,437		
Differential ratio	Standard: 3,727 Optional: 4,100		
Limited slip diff	Torsen (optional)		
Clutch	Hydraulic, single plate		



Option List

-  Differential oil cooler kit
-  Engine oil cooler system
-  Limited slip differential (4,1 ratio)
-  Rear lower strut bar
-  XL driver seat
-  Data logging system
-  Race display with dashboard integration
-  DMSB Wagenpass (German ASN cert.)
-  Radio integration kit and installation



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