

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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