

WHAT IS CMA?

CMA (Compact Modular Architecture) was jointly developed by Volvo Cars and Geely Auto at CEVT (China Euro Vehicle Technology) in Gothenburg.

CMA seeks to forge high-end, high-value and high-performance products that are safe, mobile, intelligent and well-designed. Boasting a new generation of skillfully-crafted vehicle models with broadened appeals in multiple dimensions, it is poised to support Geely in designing and manufacturing top-ranking cars and becoming one of the most competitive automakers in the world.



CMA breaks through the international standards, reaching new heights of global standards in terms of Safety, Reliability and Quality.

Safety

Create an advanced body structure with a new structure and a new design to improve passive safety.

- High strength body structure
- Greatest head & neck protection seats
- Highest safety scores in authoritative safety tests in China, the United States and Europe

Reliability

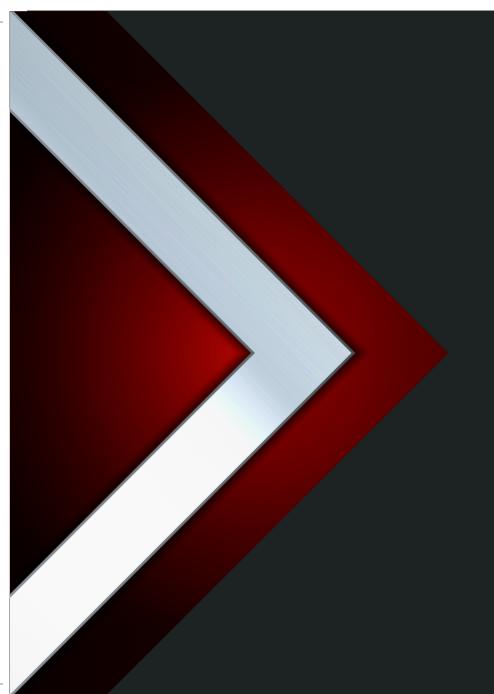
CMA also defines new global standards through leading technology and globalized verification. CMA has released around 1,000 sample vehicles for testing, test mileage exceeds 3.8 million kilometers. Up to 9 types of vehicle tests has been conducted with TUGELLA, covering 57 test environments, and the reliability verification results of each part have all exceeded the Auto industry levels

Quality

CMA defines a higher standard for luxury quality that is required to be global leader

- Materials selection as luxury brands
- Processing technology standard for luxury brands





Unrivalled Performance & Technology

Tugella's performance comes courtesy of the powerful and efficient 2.0-litre turbocharged four-cylinder direct-injection engine providing a power output of 238hp and torque of 350nm. This is mated to the smooth Aisin 8-speed automatic transmission, and BorgWarner's fifth-generation 4WD system which distributes power evenly between the front and rear axles for superior road handling.

This sophisticated combination of powertrain and chassis technology enables the Tugella to accelerate from 0 to 100km/h in just 6.9 seconds for a thrilling driving experience.



Aisin AW 8AT



BorgWarner's Fifth-generation 4WD System









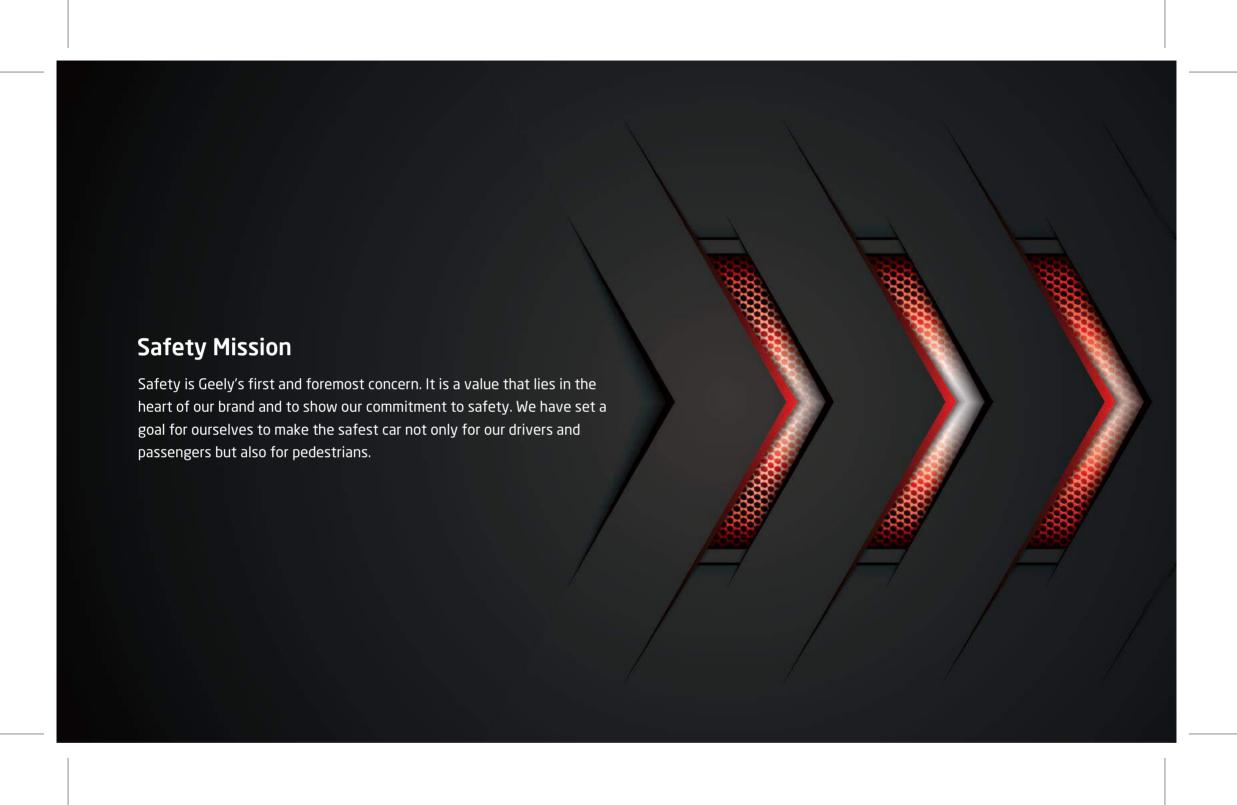




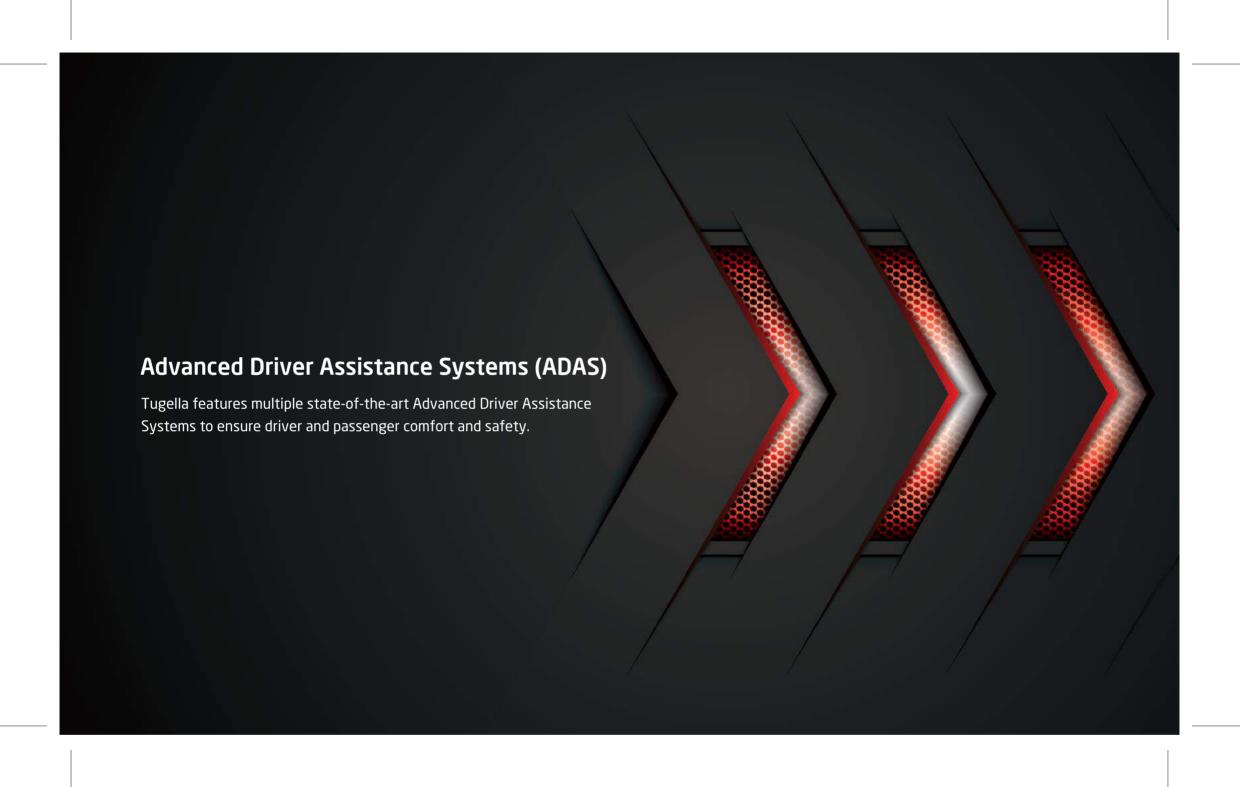














Dimensions			
Lengthxwidthxheight (Mm)	4605x1878x1643		
Wheelbase (Mm)	2700		
Engine			
Engine Size	2.0TD		
Horsepower	238 hp		
Torque	350 NM		
Acceleration (100-0 Km/H)	6.9s		
Transmission	8AT		

Category	Luxury (GL) 4WD	Flagship (GF) 4WD
Exterior		
Wheels	19" Alloy	20" Alloy
Headlights	LED	LED
Intelligent High-Beam Control	X	√
Daytime Running Lights (LED)	√	√
Auto Headlamps	√	√
Rear Fog Lamps (LED)	√	√
Roof Racks	√	√
Electrically Adjustable & Folding Side-View Mirrors	√	√
Side Turning Lamp on Side-View Mirrors (LED)	√	√
Panoramic Sunroof	√	√
Powered Tailgate	J	Hands-free (kicking motion)
Rear Windshield Heating	1	√
Rain Sensor	J	J

















Category	Luxury (GL) 4WD	Flagship (GF) 4WD
Interior		
Airbags	6	6
Ambient Lighting	Doors	Doors + Console
Multi-Functional Steering Wheel	J	J
Electronic Power Steering	√	J
Seat Trim	Synthetic	PU Leather
Electric Driver's Seat Adjustment	6-way powered	8-way powered
Electric Passenger's Seat Adjustment	6-way powered	
Instrument Cluster Panel	12.3 inch Full LCD	
Multi-Touch Entertainment Screen	12.3 Inch	
Speakers	8	
Auto AC Dual-Zone	√	√
Rear AC Outlet	√	√ ·
Powered Windows	J	J
Front Seats With Heating	J	J
Front Seats With Ventilation	Х	J
Rear-View Mirror Auto-Dimming	х	J
Wireless Phone Charger	Х	J

Features		
Parking Sensors	Front & Rear	
Camera	360 degree	
Cruise Control	√	Adaptive Cruise Control
Bluetooth	\checkmark	√
USB & AUX	√	√
Keyless Entry	\checkmark	√
Keyless Start	√	√
Hill-Start Assist Control	\checkmark	√
Hill Descent Control	J	√
Electronic Brake Assist	√	√
Tire Pressure Monitor	J	√
Electric Power Boost (EPS)	J	√
Electric Parking Brake + Autohold	J	J
Electronic Stability Control	J	J
Autonomous Emergency Braking	Χ	√
Lane Departure Warning	X	√
Lane Keeping Assist	Χ	√
Speed Limit Information Function	X	√
Paddle Shift	Χ	√ √

