



**ZXAUTO**

**Grandlion**



GRANDLION

# Born for this.

Introducing the Grandlion . Engineered with uncompromising power. Equipped with advanced capability features. And decked out with premium creature comforts inside. Take hold of the reins and get ready for unforgettable adventures.



## PERFORMANCE

# A force to be reckoned with.

The same 2.3T diesel engine for Mercedes-Benz \ Renault \ Nissan and other brands

Intelligent 2.3T turbocharged diesel engine, with maximum power of 163 hp and maximum torque of 380 Nm

Torque strength: excellent low-speed power, maintaining peak torque at 1500~2750 rpm

Low loss: piston skirt graphite coating/piston pin excircle diamond-like coating

Ultra-silent: double overhead camshafts structure/powder metallurgy timing gear/timing silent chain technology



## 2.0 GDI turbocharged gasoline engine

International leading 2.0 GDI turbocharged gasoline engine with maximum power of 197Hp and maximum torque of 365 Nm  
350 bar high-pressure fuel injection system to prove combustion and reduce PN emissions.

Self-developed dual-channel electronically controlled turbocharger to improve acceleration response and enhance dynamic performance.

Integrated exhaust manifold to reduce engine warm-up time and reduce emission.

Intelligent thermal management module system to realize rapid warm-up and accurate control of water temperature.

Silent timing system (silent tooth chain/double balance shaft/modal design control) to greatly improve NVH performance.

Efficient combustion system to improve fuel economy/meet China 6b emission standard (Intake/exhaust VVT/optimized piston top surface / asymmetrical design of air inlet duct)



## ZXDDi23-6A Intelligent Turbocharged Diesel Engine



Large vehicle body, low fuel consumption, beyond imagination, measured fuel consumption of diesel power under comprehensive conditions is 8.1L/100km and of gasoline power is 9.8L/100km.

15% reduction in resistance of parts such as variable displacement oil pump/low-friction piston. Recalibration of the engine program by Delphi to achieve excellent engine power and fuel economy.

The engine with its own weight of 210kg, is over 40KG less than ordinary engine.

Smooth and efficient ZF 8AT transmission

High-strength composite materials are used for the vehicle body, which are lighter and more fuel-efficient.

61.3% of the vehicle body use high-strength steel, which improves the body strength and effectively lightens the vehicle weight.

Topological optimization, structural optimization design for the vehicle material distribution according to the vehicle body load and performance indicators, and overall density lower than that of similar international products.

Aluminum-magnesium alloy double wishbone, lightweight design, high strength

High-performance hub, repeatedly optimized according to aerodynamics, with low air resistance during driving



# Take on the toughest demands

Grandlion is our toughest, most capable, most advanced body-on-frame hauler to date.



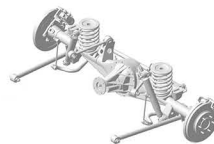
## Fully boxed steel frame and multi-link rear suspension

Grandlion is fully boxed, 58% high-strength steel ladder frame provides enhanced rigidity, capability and driving comfort. The rear frame member is widened to improve stability and towing capability. And for more reinforcement, the frame cross members are more than doubled in size — making Grandlion the most durable body-on-frame hauler to come off our new assembly line. A modern suspension to match its modern fully boxed frame, Grandlion multi-link rear suspension delivers ride comfort, straight-line stability and overall handling dynamics on the road, trail and everywhere in between. And with this coil-spring suspension, Grandlion delivers better roll damping and towing performance.

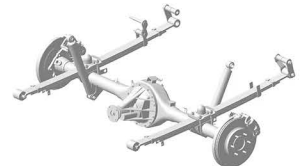
Front suspension: aluminum-magnesium alloy double wishbone with good support and accurate steering



Rear suspension: according to the customer's use, with two suspension structures



Passenger version:  
Multi-link rear suspension to reduce vehicle vibration and improve riding comfort



Commercial version:  
Three-piece leaf spring rear suspension, a balance for comfort and cargo loading



## Premium leather-trimmed seats

Bring maximum comfort to wild rides. Grandlion's available premium leather-trimmed seats are designed with a wide shoulder to give you more support.

## Comfortable Front Row

The left- right width of the front row is 1660mm, and the height from the roof to the floor is 1100mm. Even if the driver is 1.9m tall, there is still a fist and a half space from the head to the roof.

## Spacious Rear Row

The left- right width of the rear row is 1650mm, the height from the roof to the floor is 1210mm, and the lateral length of the seats is 1380mm, with wide space for three adults

The inclination of seat backrest in the second row is 116°, brings more comfort experience for long journey with family/friends, without the feeling of fatigue.

## INTERIOR

# A first-class cabin.

Interiors adopts American pickup style, with a large number of strong lines for rugged overall visual perception. Transverse wide center console + ultra-wide console passage, large-area leather embellishment texture and stitching design, with transverse decorative trims for grace and luxury, 4.3m<sup>3</sup> super-large driving and riding space, comparable to large SUVs such as Mercedes-Benz GLE/Audi Q8.



## Creative Design



Three-spoke sports steering wheel



10.1" HD large screen



Stereo laser engraving process



Driver power seat + front seat heating



Ultra-wide multi-functional console



Atmosphere lamp of cold light design

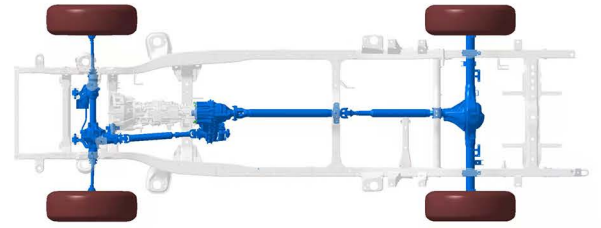


# Modern muscle.

As the first full-size pickup truck in China, it adopts lion posture bionic design aesthetics. In uplifting and calm posture, the body lines are simple and full of power like a lion.







## BorgWarner 4WD system + optional front and rear axle two differential locks

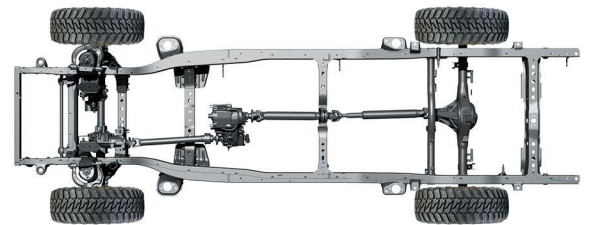
■ City ■ Expressway ■ Mountains ■ Mud  
■ Grassland ■ Sand ■ Snow

# Equipped for adventure.

Designed to make your outdoor adventures even greater, the team at Development has built on Granlion is pedigree of toughness. Whether it is with the BorgWarner 4WD system, optional front and rear axle or off road big size tires, you will be ready for the trail with one-of-a-kind enhancements in performance, capability and styling.



Applicable tires are provided according to the customer's use scenarios



Full welding is adopted for the frame to increase strength and corrosion resistance

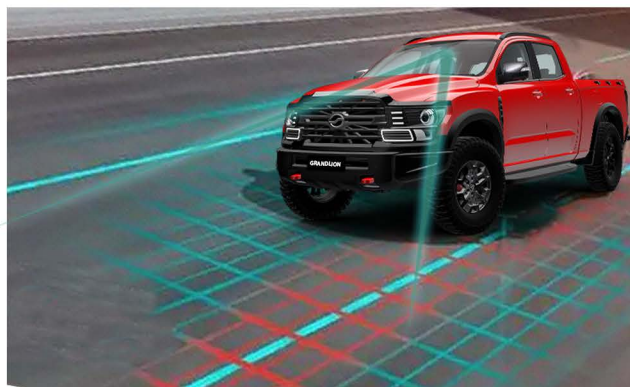




# AMPLIFY YOUR DRIVE

## LANE DEPARTURE WARNING SYSTEM (LDWS)

It detects the lane line through the front-view camera, identifies various legal road markings, and gives an alarm by flashing instrument icons and sounding when the vehicle departs from the original lane unconsciously



## 360 AROUND VIEW MONITOR

The HD 360° around view camera can be used to capture images around the vehicle to assist the driver in safely and easily operating the vehicle and avoiding collision



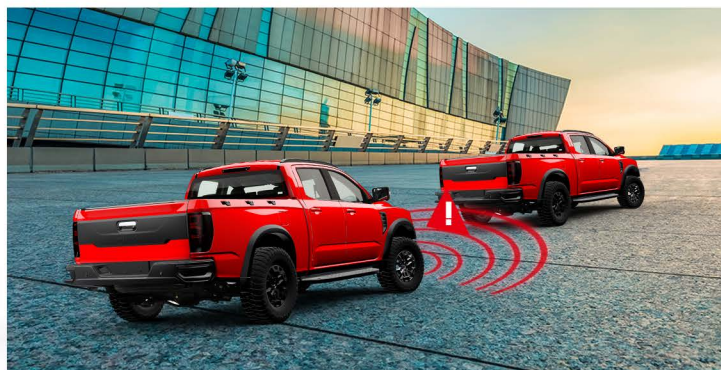
## INDUCTION TYPE WIPER

The intelligent automatic wiper automatically starts the wiper motor according to the rainfall detected by the sensor, controls the wiper speed, adjusts the intermittent time, realizes real-time control, improves the driving safety and comfort in rainy days, and ensures the vision in rainy days.



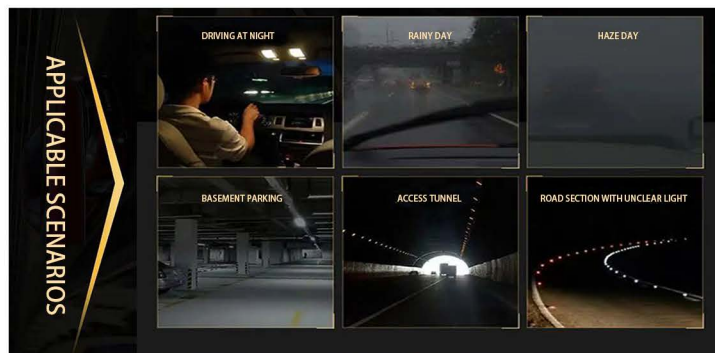
## FRONT COLLISION WARNING (FCW)

In order to avoid the driver brakes too late, the system can remind the driver in the form of image, sound and short braking based on different emergency degrees upon detection of collision risks



## AUTOMATIC HEADLAMP

It can automatically judge whether the vehicle enters the dark tunnel, whether it is in the day or at night according to the changes in ambient light and front light detected by the sensor, so as to automatically turn on the lamp in the case of insufficient light and the conditions of affecting the normal driving of the driver, thus improving the driving safety and comfort



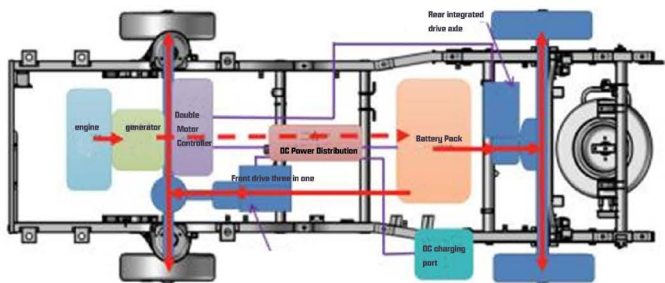


# DRIVE FOR GREEN FUTURE(HEV)



- ◆The first high-performance pickup truck with hybrid 4WD.
- ◆ Fuel consumption less than 7.5L per 100km under power loss.
- ◆ 8S acceleration in 100 km, torque exceeds the level of V6-3.6L engine.
- ◆ 30 kWh large battery, adapt to ultra-low temperature environment, complex environment can be used as a mobile power station.

Specification	HEV Pick Up
Dimension (mm)	5692*2045*1960
Curb Weight (kg)	2385/2600
Wheel Base (mm)	3513
Engine	1. 5T
Thermal efficiency	41. 3%
Maximum power (kW)	328
Maximum torque (N.m)	680
Acceleration	6. 9S
Battery (kWh)	18. 4/45
Range (km)	1020/1200





## COLOR OPTIONS



Blue



Black



Yellow



Red



White

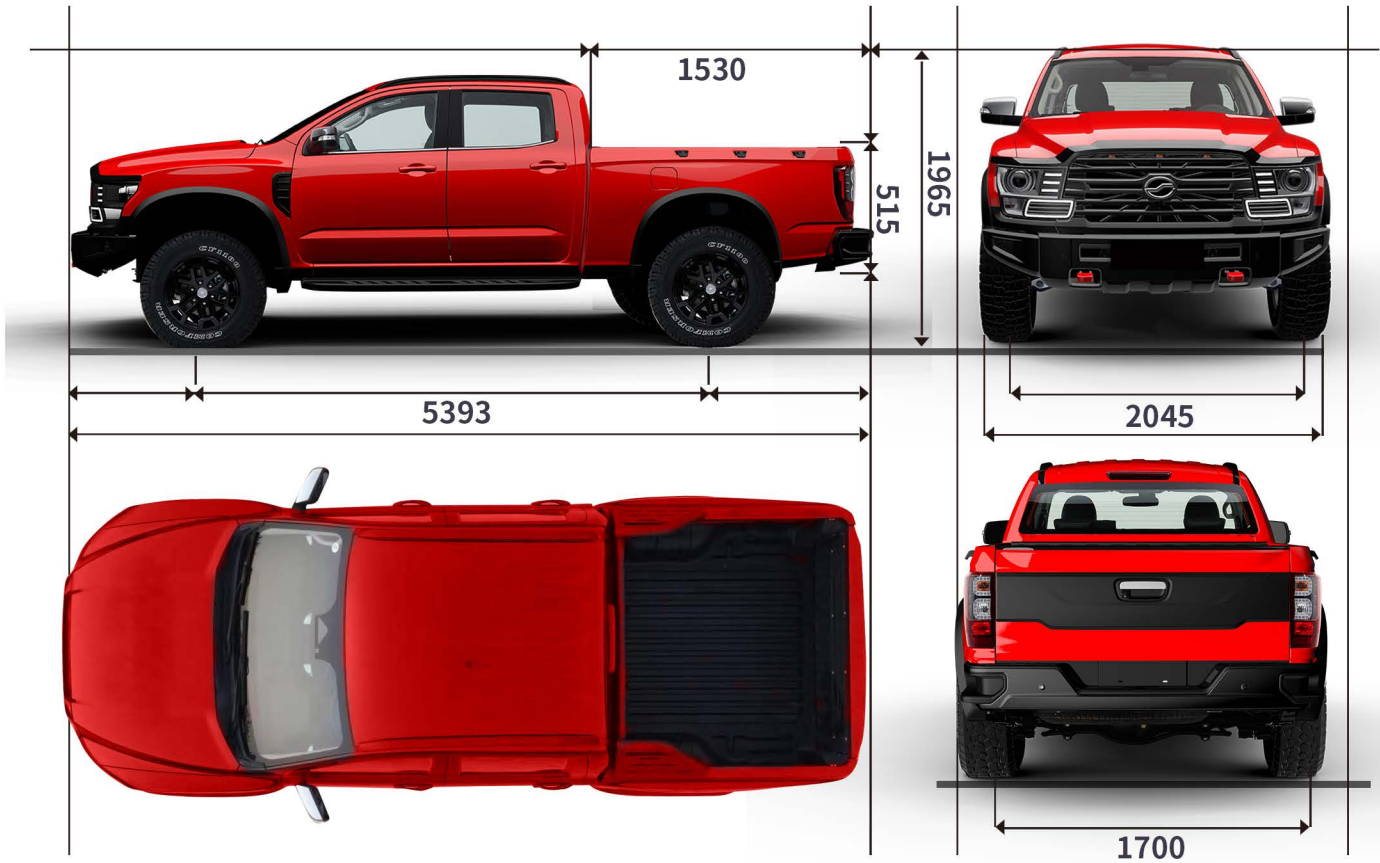


Grey



TECHNICAL PARAMETERS

Items			Unit	Standard Cargo Box	Long Cargo Box
Dimensions	Vehicle	L*W*H	mm	5393*2045*1965	5747*2045*1910
	Cargo box	L*W*H	mm	1530*1700*515	1810*1700*515
Mass	Curb Weight		kg	1960/2060(4WD)	2185/2185 (4WD)
	Gross Vehicle Weight		kg	2780/2880(4WD)	2905/3005 (4WD)
Wheelbase			mm	3230	3513
Passengers			person	5	
Tire type				285/70R17	265/70R18





GRANDLION SPECIFICATION

Model		Gasoline		Diesel	
Version		Luxury	Super Luxury	Luxury	Super Luxury
Engine	Model	Gasoline HY4C20B		Diesel M9T	
	Displacement (L)	1.967		2.298	
	Maximum power KW/(r/min)	145		120KW	
	Maximum power Hp/(r/min)	197		163HP	
	Maximum torque Nm /(r/min)	360		380N.m	
Chassis	Transmission type	8AT		6MT/8AT	
	Power steering	●		● Hydraulic/Power	
	Brake Type	F/R: Disc		F/R: Disc	
	Drive Mode	2WD/4WD	2WD/4WD	2WD/4WD	2WD/4WD
	Rear suspension	Coil Spring	Coil Spring	Leaf Spring	Coil Spring
	Aluminum wheel	●	●	●	●
	Tyre size	285/70R17		265/70R18	
	Spare tire	●	●	●	●
Safety	Driver Airbag	●	●	●	●
	Front Passenger Airbag	●	●	●	●
	Side airbag	—	●	—	●
	Front 3-point Safety Belt	●	●	●	●
	Rear 3-point Safety Belt	●	●	●	●
	Safety Belt height adjustable-Front Row	●	●	●	●
	Safety Belt Pre-tensioner-Front Row	●	●	●	●
	ABS+EBD	●	●	●	●
	Emergency brake signal	●	●	●	●
	ESC/ESP	●	●	●	●
	TCS/ASR (Traction Control System)	●	●	●	●
	EBA/BAS/BA (Brake assist)	●	●	●	●
	HAC	●	●	●	●
	HDC	—	●		●
	EPB (Electrical Park Brake)	●	●	●	●
	TPMS	●	●	●	●
	360 ° 3D panoramic image	●	●	●	●
	Reverse Radar	●	●	●	●
	Front parking radar	●	●	●	●
	Collision automatic unlock function	●	●	●	●
	Collision automatic fuel cut-off function	●	●	●	●
High-tech	Rear differential lock	—	●	—	●
	FCW	—	●	—	●
	LDW	—	●	—	●
	Keyless entry	●	●	●	●
	One-button Start	●	●	●	●
	Automotive Head Lamp	—	●	—	●
	MP5	●10'inch	●10'inch	●10'inch	●10'inch
	Bluetooth	●	●	●	●
	Mobile phone connection	●	●	●	●
	Voice recognition/Control	●	●	●	●
	Searching Car Function	●	●	●	●
	Cruise Control System	●	●	●	●
	Three-mode driving	●	●	●	●
	Automobile data recorder	—	●	—	●

GRANDLION SPECIFICATION

Model		Gasoline		Diesel	
Version		Luxury	Super Luxury	Luxury	Super Luxury
Interiors	Interior color	Black	Black	Black	Black
	Multi-functional steering wheel	●	●	●	●
	Remote One-button Close Window	●	●	●	●
	Driver window One-touch up-down (Anti-pinch Function)	●	●	●	●
	Passenger window One-touch up-down	●	●	●	●
	Anti dazzling Interior rearview mirror	●	●	●	●
	12V power supply	●	●	●	●
	USB interface	●	●	●	●
	Seats material	Artificial Leather	Artificial Leather	Artificial Leather	Artificial Leather
	Driver Seats	Power 6-direction	Power 6-direction	Power 6-direction	Power 6-direction
	Front passenger Seats	Power 4-direction	Power 4-direction	Power 4-direction	Power 4-direction
	Front seat electric heating	—	●	—	●
	Second row seat center folding armrest	●	●	●	●
	ISOFIX (Interface)	●	●	●	●
	A/C	●	●	●	●
	Second-row Air Vent	●	●	●	●
	Reading lights/Glasses box	●	●	●	●
	Sunvisor Cosmetic Mirror	●	●	●	●
Exteriors	Daytime Running Lights (DRL)	●LED	●LED	●LED	●LED
	High and low halogen headlamp	●	●	●	●
	Headlamp light height adjustable	●	●	●	●
	Headlamp delay off	●	●	●	●
	Front fog lamp	●LED	●LED	●LED	●LED
	High Brake Lights	●	●	●	●
	Power Outside Rearview Mirror	●	●	●	●
	Outside Rearview Mirror Power Foldable	●	●	●	●
	Outside Rearview Mirror Defroster	●	●	●	●
	Rear Windowshield Defroster	●	●	●	●
	Boneless wiper	●	●	●	●
	Rain sensor wiper	—	●	—	●
	Internal antenna	●	●	●	●
	Luggage Rack	●	●	●	●
	Wheel eyebrow	●	●	●	●
	Side Pedal Step	●	●	●	●
	Cargo Box	1.5M/1.8M	1.5M/1.8M	1.5M/1.8M	1.5M/1.8M
	Cargo Rail	●	●	●	●
	Painted Bedliner	●	●	●	●
	Cargo Hook	●	●	●	●
	Towing hook (Front)	●	●	●	●
	Rear bumper	●	●	●	●
	Metallic paint	●	●	●	●
Note: ●Equipped, —Not equipped, △Optional					