

China Hi-Tech Off-Road Vehicle Co., Ltd.

Established on July 7th, 2014 with a registered capital of 600 million yuan, China Hi-Tech Off-Road Vehicle Co., Ltd., a wholly-owned subsidiary of China Hi-Tech Automobile Group Corporation and an important vehicle manufacturing base, is the core force for CHTGC Group to break into the automobile industry.

Located in Lutianbao Enclave Industrial Park, Ya 'an City, Sichuan Province, covering an area of more than 1,000,000 m² with a total investment of 3 billion yuan, this company will be built as an intelligent, efficient and environmental friendly production base. The main products include grand off-road vehicles, grand pickup trucks and extended models on the same platform. The initial production capacity is 100,000 units per year, which can be rapidly expanded to 300,000 units per year according to market demand in the future.





China Hi-Tech Off-Road Vehicle Co., Ltd. makes full use of local resources and the western market, gradually forms an independent production factory of core components, develops a variety of upgraded vehicles and modified vehicles on the basis of the initial model platform, gradually consolidates and expands the market of grand off-road vehicles, and finally forms a modern automobile industry base with an annual output of 300,000 vehicles as locomotive, automobile and auto parts production as the industrial cluster.

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OFF-ROAD VEHICLE

中恒天硬派越野车

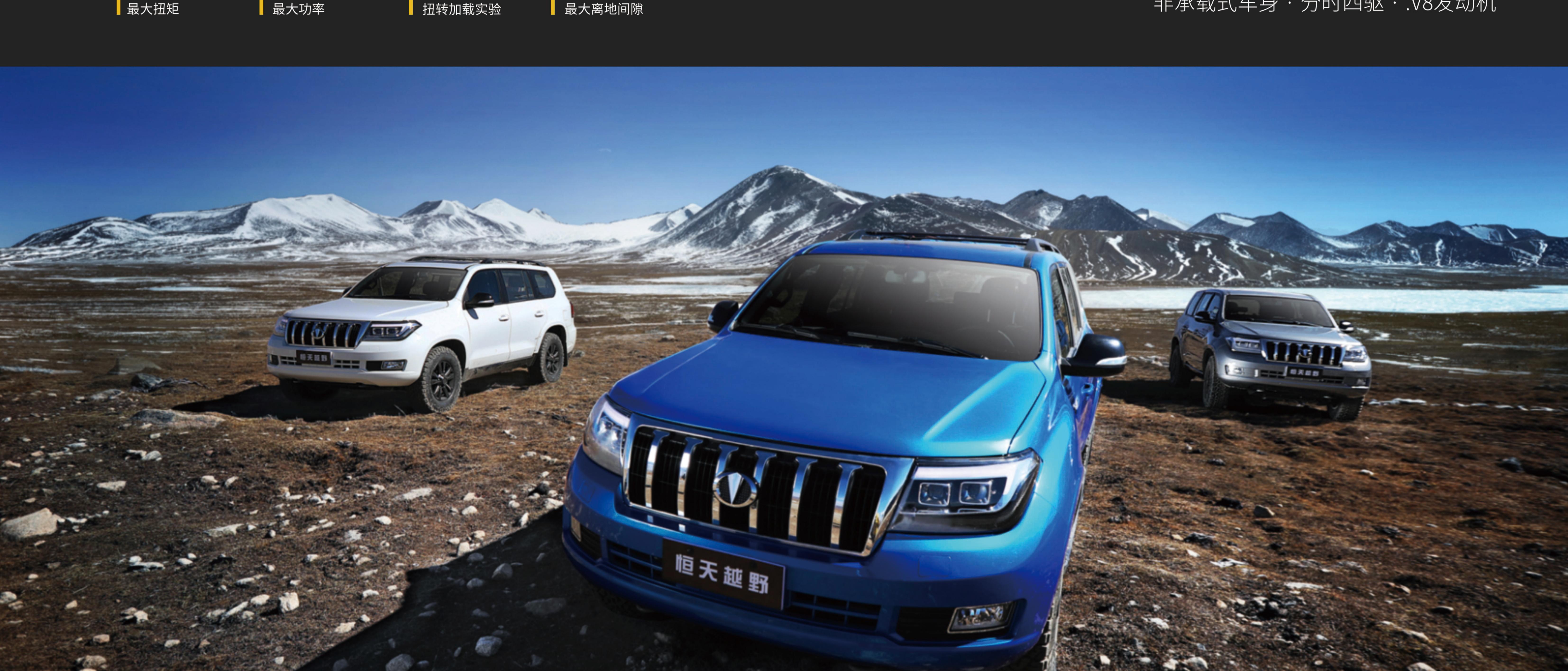
408 Nm 最大扭矩

212 Nm

50 w次

232 мм 最大离地间隙

非承载式车身·分时四驱·.V8发动机





Body parameters:

5239 MM Length: Width: 2026 MM

Height: 1932 MM

Wheel Base: 2950 MM

Front Tread: 1710 MM

Rear Tread: 1696 MM

Body Color

Ocean Blue

Pearl White

Rock Gray

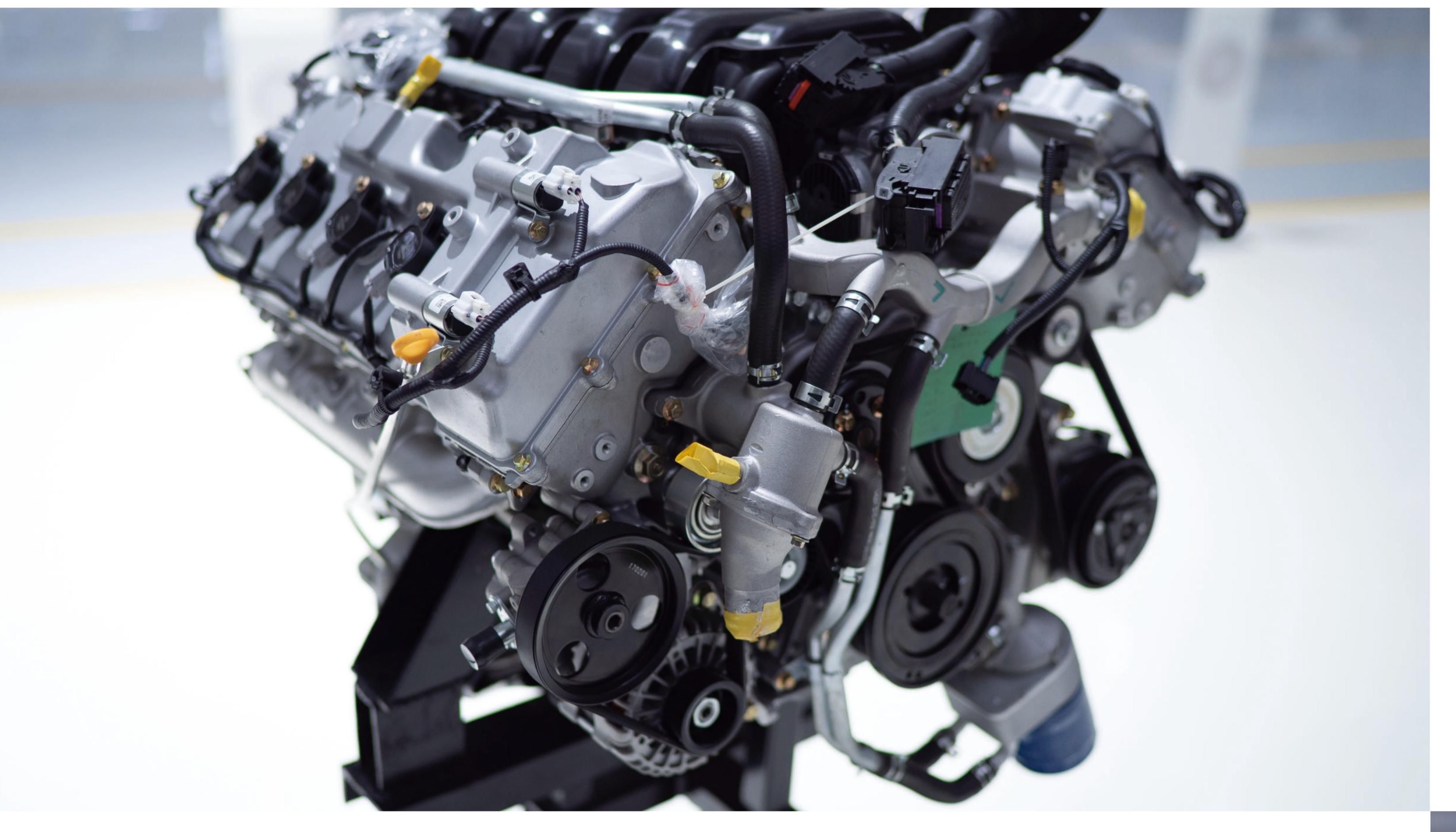
Jungle Green

Dome Black









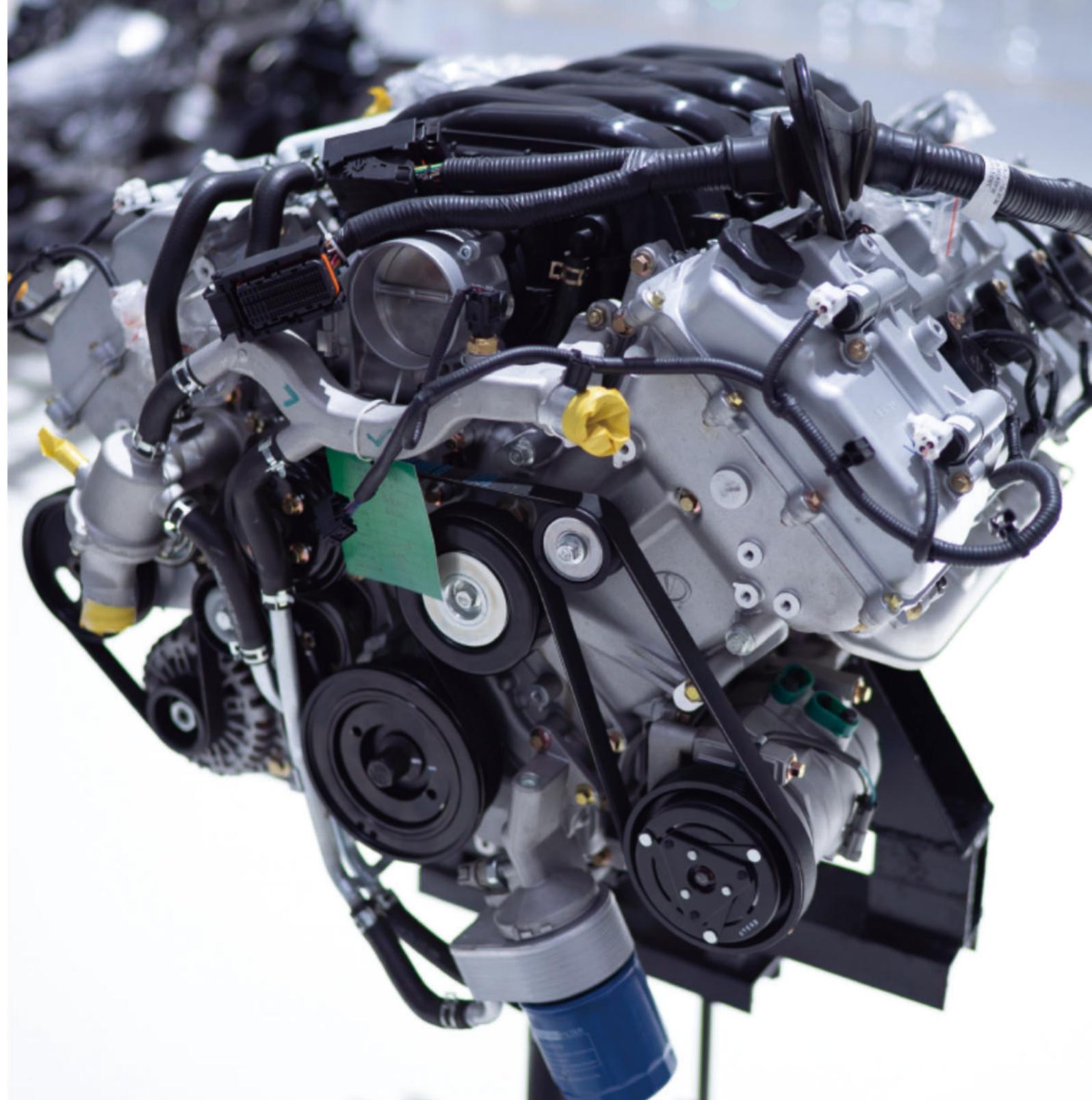
4.6L V8 all-aluminum NA engine

V8 series, the only 4.6L large displacement engine independently developed in China, with maximum power of 212KW and maximum torque of 408Nm. All-aluminum forged body, compatible with 92# gasoline or above, double fuel tanks of 140L, suitable for low-level fuel in remote areas.

6AT Punch Gearbox(France)

The six-shift DSG applies new planetary gear structure, which shortens the change time, reduces the energy loss of the transmission, and increases the transmission ratio, therefore the engine always works in the optimal operation range and the NVH performance of the whole vehicle is improved.







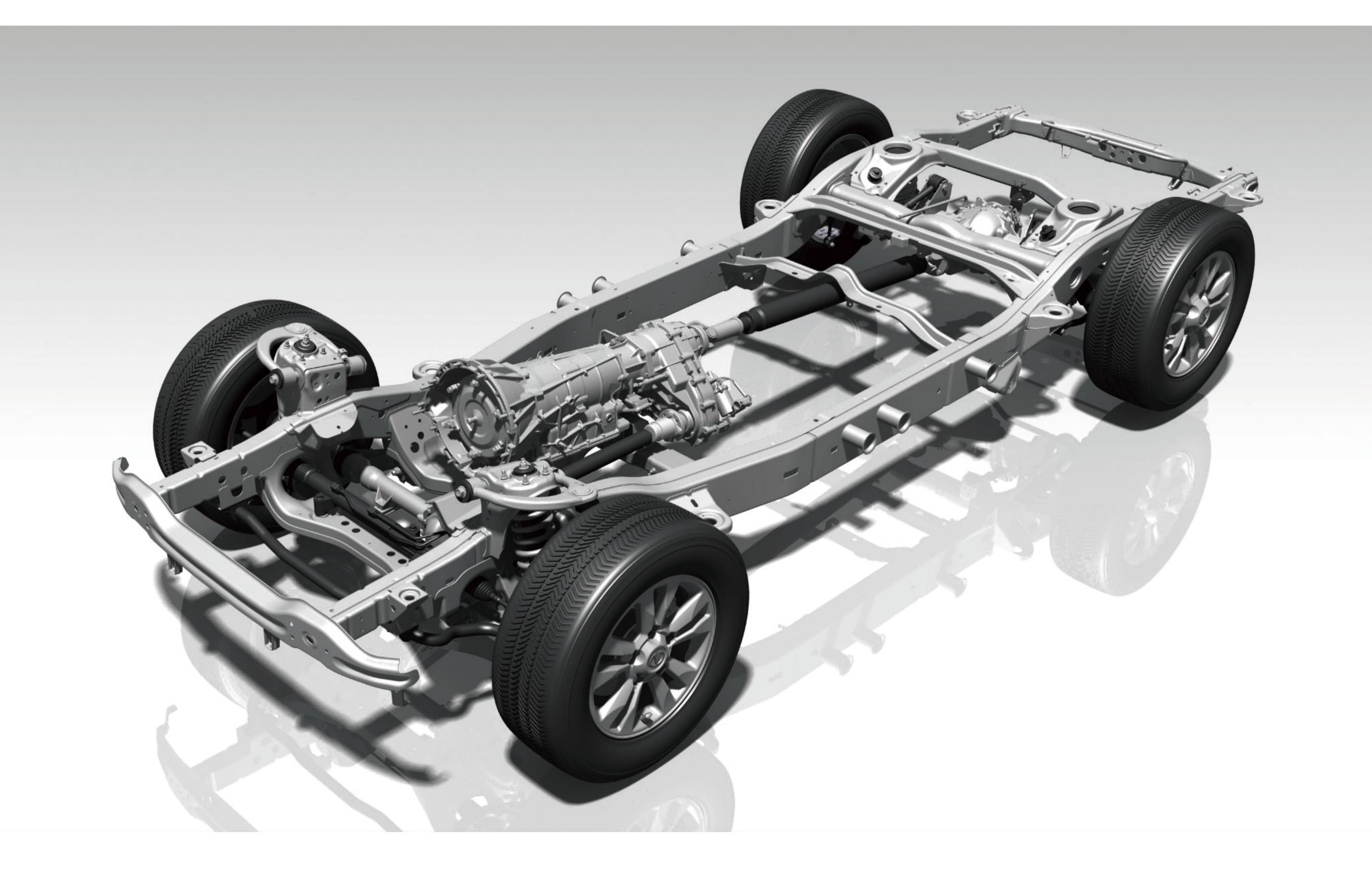
Body-on-Frame

Independent frame, welded by robots, integral expansion molding of beam, has higher torsional strength after 500,000 torsional loading experiments, and is suitable for off-road.

The body adopts cage design, the whole car frame is welded with high-definition galvanized steel plate, the door is stamped and formed integrally, with 4 anti-collision beams, 9 airbags, providing higher security.

Vertical part-time 4WD

Front and rear axle double differential locks and part-time 4WD ensure that you can get out of trouble even only one wheel is touching the ground, and the powerful off-road ability makes you fearless.





High trafficability and environmental adaptability



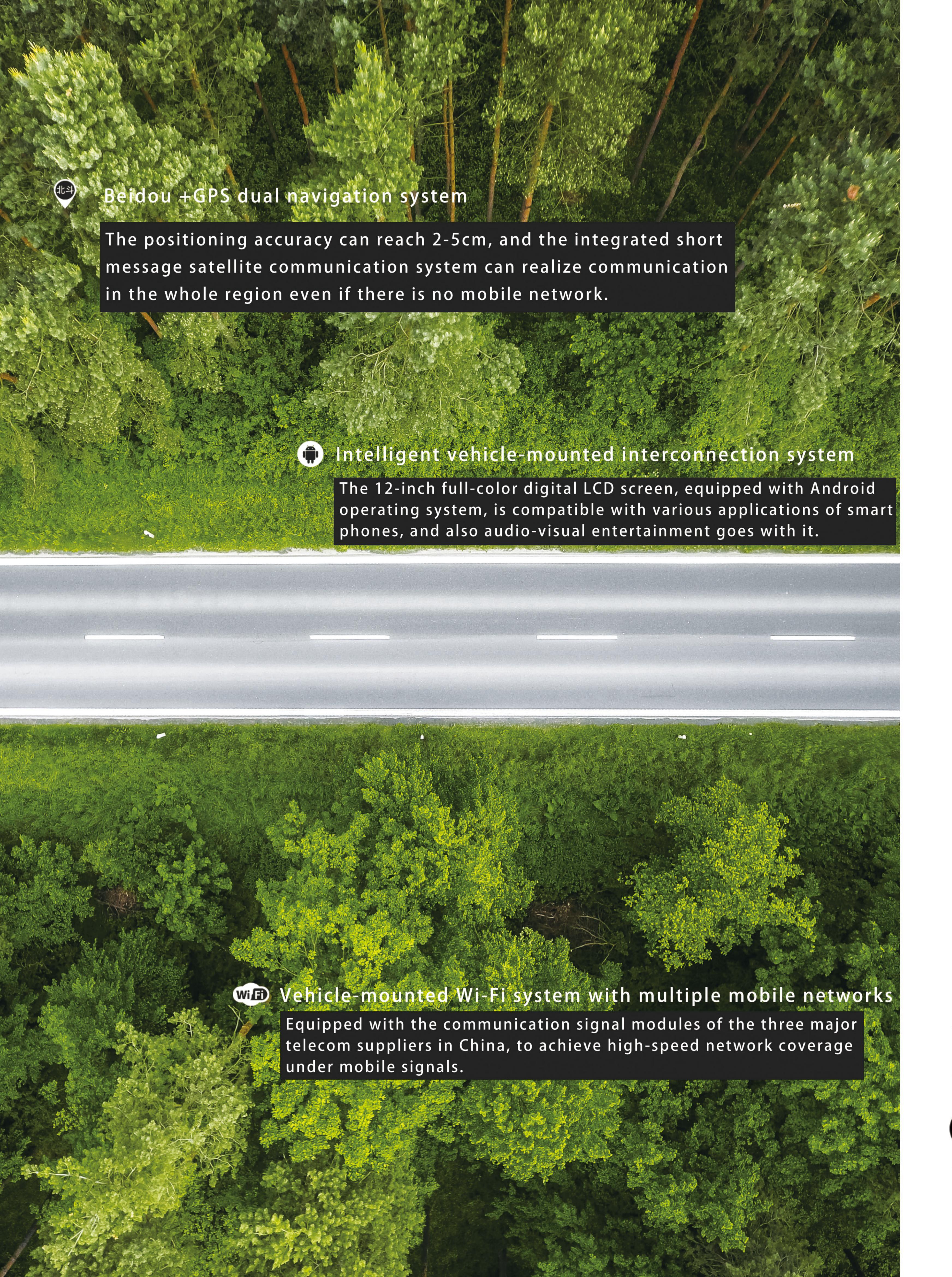
Approach Angle

Minimum Ground Clearance

Departure Angle

- Dingyuan, AnhuiPassed 800mm wading test and 60% steep slope test.
- Turpan, Xinjiang
 Under 60°C ground temperature, the vehicle passed the extreme speed test of 3000km
 Gobi Desert, the comprehensive road condition test of 6000km, the dust sealing test of 2h and the heat balance test.
- Hainan Island Under the conditions of high temperature, high humidity and high air salinity, the vehicle passed the test of corrosion resistance and mountain road reliability in hot and humid areas.
- Golmud, Qinghai Kunlun Mountain Pass, at an altitude of 4,786 meters, the vehicle passed the plateau driving reliability and plateau cold start test.
- Yakeshi, Inner Mongolia/Heihe, Heilongjiang

 Under the condition of -41℃, the vehicle passed the full load test of 6000km ice and snow pavement and cold start test, the speed of drawing circle on ice surface has reached 120km/ h.



Intelligent technology, Enjoyable trip



4 DRIVING MODES, SMARTER DRIVING EXPERIENCE



THE BEST MATCHING BETWEEN POWER AND ECONOMY



MORE POWERFUL ACCELERATION AND TORQUE, SUITABLE FOR MOUNTAIN ROADS.



THE OPTIMIZED FUEL CONSUMPTION GEAR SHIFT AND THE ENGINE WORK REQUEST ARE CALCULATED BY THE SYSTEM.



START AND DRIVE ON LOW-ATTACHED AND SLIPPERY R
OADS SUCH AS SNOW ROAD.

CHTC Off-road L4600 configuration table (Note: "O":Equipped; "O":Optional)

Туре			
	卓越版 Superior	Edition 领航版 Pilot Edit	tion
Subdivision	1(V8;4.6L;AT;4WD)	2(V8;4.6L;AT;4WD)	Note
Basic Parameters			
Model	Middle-largeSUV	Middle-largeSUV	\$ 2 3 3
Body	Body-on-Frame	Body-on-Frame	
L*W*H(mm)	5239×2026×1932	5239×2026×1932	
Wheel Base(mm)	2950	2950	
Front Tread(mm)	1710	1710	
Rear Tread(mm)	1696	1696	
Minimum Ground Clearance(mm)	220(full load)	220(full load))
Curb Weight(kg)	2580	2580	
Max Speed(km/h)	196	196	
Door	5	5	
Seat	5+2	5+2	
FuelTankCapacity(L)	143	143	
PowerAssembly			
No. of the Control of	FT8VG46KH-D	FT8VG46KH-D	
Engine Type		354.600	
Displacement(L)	4.6	4.6	
Air Intake	NA	NA	
Gearbox	6L50	6L50	
Shift	6	6	\$ 2
Gearbox Type	Automatic	Automatic	
Chassis-SteeringSystem			
DriveMode	Vertical4WD	Vertical4WD	
4WDType	Part-time	Part-time	
	Dual Cross-member	Dual Cross-member	<u>1</u>
Front Suspension	Independent Suspension	Independent Suspension	
	macpenaent suspension	macpenaent suspension	
	NA ALL		
	Multi-connectingRods&	Multi-connectingRods&	
Rear Suspension	Whole Axle Dependent	Whole Axle Dependent	
	Suspension	Suspension	
Power-assisted Steering	Hydraulic	Hydraulic	
Brake			
Front Brake Type	Vented Disc	Vented Disc	
	Vented Disc	Vented Disc	
Rear Brake Type			
Parking Type	Manual	Manual	
Front Tyre	285/60R18	285/60R18	
Rear Tyre	285/60R18	285/60R18	
Spare Tyre	Full Size	Full Size	
Security Equipmen			
Front Row Airbag	•		
Front/middle Row Side Airbag		% <u>————————————————————————————————————</u>	
Front/middle/rear Head Airbag(AirCurtain)		** _ **	2
Knee Airbag	:		
Seat Belt Alert	•	•	
ISO Fix Latch	LATCH(ISOFIX included)	LATCH(ISOFIX included)	
	EATCH(ISOTIA Included)	• Included)	4 side doors, front cover and back door
Door Open Warning			4 side doors, nont cover and back door
Engine Electronic Anti-theft			
Central Lock Inside			
Remote Key			
Keyless Start System	•		
Keyless Entry System			
Tyre Pressure Monitoring Device	•	•	
Operating Configuration			
ABS	•		
EBD/CBC等			
EBA/BAS/BA			
ASR/TCS/TRC			
ESC/ESP/DSC			
Hill-start Assist Control			
Hill Descent Control	•		
Rear Axle Differential Lock	•		
Exterior			
Antenna	Built-in	Built-in	Inside the black edge of the front windshield
RearTowHook			
PowerSunroof			
LuggageRack			
SidePedal		3-3	
[전문 전문 2000년 전문 전문 2000년 전문 2 [전문 전문 2000년 전문 2000	No.		
AluminumAlloyHub			

Interior			
Leather Steering Wheel	•		
Steering Wheel up and down Adjustment			Manual
Steering wheel front and rear Adjustment	•		Manual
Multifunction Steering Wheel			4 buttons in total:volume,play the previous one and the next one
High Speed Cruise at constant speed			
Front/rear Parking Radar			4 probes for both front and rear
Reverse Image	•	•	
All Liquid Crystal Combination Instrument			
Computer Display Screen			
12V Vehicle Power Supply			2 in total, one for instrument panel and one for trunk
220V Vehicle Power Supply			2 in total,using the common interface
A/B Pillar Handle			
Cigarette Lighter			21)
Manual Opening of Fuel Tank Cover			at the lower left of the instrument panel
Seats			at the lower left of the instrument panel
	7	7	
Seats Number			
Leather Seats			standard fabric seats, optional leather and PVC seats
PVC Seats			
Fabric Seats			
Electric adjustment of main and Co-driver Seats			The pilot seat has 10 directions (backrest, front and rear, up and down, lumbar support and seat cushion), and the co-pilot seat has 6 directions (backrest, front and rear, up and down)
Second row Backrest Angle Adjustment (manual)			
Second row Seat Movement (manual)	•		
Front Row Seat Heating			
Fold/turn over of the second row Seat		•	4/6 Seat
Fold/turn over of the third row Seat			Both Sides
A/C			
Automatic A/C			
Rear Independent A/C			Cold & Warm
			Cold & Waltin
Second row Foot Air Outlet			
Front Temperature Zone Control			
Rear Temperature Zone Control			
Interior Air Conditioning/Pollen Filtration			
Light			
LED Front Headlights		•	
Daytime Running Light			LED
Front Fog Lamp			
Headlight Height Adjustable			
Rear Fog Lamp	•	•	Bulb
Step Lamp			below the 2 front door guards
Glass/Rearview Mirror			
Front Power Window	•		
Rear Power Window			
Window Anti-pinch			
Electric Adjustment of Exterior Rearview Mirror			
Exterior Rearview Mirror Heating			
Manual Anti-glare of Interior Rearview Miror			
Electric Folding of Exterior Rearview Mirror			1. 1 3.
Sunshade Cosmetic Mirror			
Rear Wiper	•		
Sensing Wiper			Front Wiper
Rear Defrost			
Multi-media			
Beidou Navigation	О	О	
Center Console 12-inch Large Color Screen			
Bluetooth/Car Telephone	•	•	
External Audio Interface (AUX/USB/iPod,etc.)			
Speaker Number	6	6	
Color			
Body		Pearl White Pea	k Gray,Ocean Blue,
Inner Decoration	Black,Beige	r carr vviiite, NOC	at oraginocourt blue,
THICI DECOIGUOIT	Diack, Deige		







MIDDLE-EAST & AFRICA SALES OFFICE

PAMPLEMOUSSES, MAURITIUS

TEL: + 230 5847 8187

EMAIL: ENQUIRIES@EVOLTARA.COM

WWW.EVOLTARA.COM

WWW.CHTC-INTERNATIONAL.COM

中恒天越野汽车有限公司 CHINA HI-TECH OFF-ROAD VEHICLE CO., LTD.

Product Manual