

BAIC

New BJ40Pro



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PART I

Tough Shape

BJ40Pro Body Size And Color Scheme

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sunset orange

Matched Polar night black, flame red, mineral yellow



Green field

Matched night blue, white, gray, green, sea blue



Black



White



Gray



Red



Yellow



Green



Sea
blue



Night
blue

BJ40Pro New Wheel Rim Styling

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- ✓ Equipped with three styles of rims to meet individual needs, support R17, R18 free choice, standard HT, optional AT tire.



Family New Modeling Language

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- ✓ Using the "rounded rectangle" design concept, not only reflects the traditional hard aesthetics of BJ40Pro, but also increases the sense of luxury of the vehicle, close to the user's Driving scene.

Five-Hole LED Light Ring Intake Grille

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LED
light ring
design

- Inherit the brand spirit
- Family face modeling
- High recognition personalized design

01

The element "5" is not only visible in the front grille, but also in some positions such as the side lines and high brake lights, which use this concept.

02

The new scientific and technological, five-hole family network and daily running lights are integrated to inherit the classic, highly recognizable.

Mussel Shaped Engine Hood

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- ✓ The hardcore lines on the engine hood highlights the BJ40Pro's tough style.
- ✓ The shape of the hood makes the engine cover as a whole under the buckle, which can minimize the amount of dust and water seepage in the engine compartment.
- ✓ When wading, it can effectively direct the water flow and avoid large amounts of water entering the engine room.



Trapezium Wheel Shoulder Design

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- ✓ Family classic inherit design, strengthen the sense of muscle.
- ✓ Greater rotation space for improved off-road performance
- ✓ Larger size tire upgrade space



D-Shape Frame

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- ✓ Vehicle side decoration function, but also with modification space.
- ✓ D shape frame adopts detachable structure, which is convenient for later modification and installation.
- ✓ With a certain bearing capacity, for modified ladder, it can bear an adult weight.

Strong scalability

Collapsible ladder, tool box, first aid kit



Frameless Door

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- ✓ First Off-road vehicle frameless door design.
- ✓ Frameless doors can only be used if the body is strong enough.
- ✓ Widen the driving and side window view.



Full-covered Door Design

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- ✓ Anti-scratch design of the lower section of the door to prevent damage to the car painting.
- ✓ The doorsill is designed flush with the interior floor, making it easier to get on and off the car.
- ✓ Double sealing strip design makes it quieter.



Four Wheels Four Corners Design

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Make dynamic driving more stable



Great passing ability

Big approach angle and departure angle, it isn't easy to hit the front and rear bumper during offroad driving.



Big interior space

Effectively expand the interior space, driving is more comfort.

Max
Space



Split Tail Door Design

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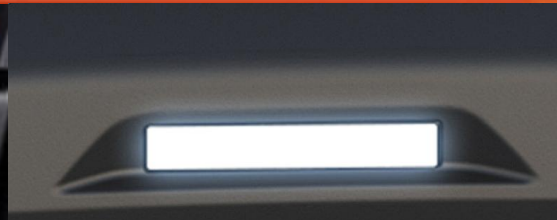
✓ Upper and lower part design with built-in damping.

Full LED Lights

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Segmented LED fog light
With steering assist function



Two-color LED wheel
shoulder light
yellow color in driving, white
color in static



Five holes brake lights
Inherit the classic five-hole
design

Flag F shape tail light

- ✓ The whole car lighting is designed with LED
- ✓ Bright light is not dazzling, long life

New Interior Styling Design

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- ✓ Inject more modern technology and fashion elements, strengthen the off-road style, with circular design elements, retain the off-road characteristics and strengthen the technological sense of the interior.

Multi-function Steering Wheel

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Sliding operation



Electrically adjust

- ✓ 4 directions power adjustment: Support up, down, front, or rear electric adjustment.
- ✓ Steering wheel memory: intelligent memory of the current position, automatic adjustment.

- ✓ One-button heating: one-button quick heating of the steering wheel, the optimal temperature can be reached in 4 minutes ($\geq 15^{\circ}\text{C}$)
- ✓ Three steering modes: light, standard, and sport.

Industry First Five Screen Design

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9-inch streaming mirror

Support 6 level brightness adjustment, automatic anti dazzle eye vision support 3 level adjustable, provide effective vision, to ensure driving safety

10.25inch LCD instrument cluster

High resolution, intuitive information presentation

12.8 inch central display

Supports 19 conventional applications

12.8 inch passenger entertainment screen

Supports 11 conventional applications

The world's first 1.92-inch start button screen

Supports 15 real scenarios

PART II

Smart Space

Enjoy The Luxury Of Driving

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- ✓ 12-way electric adjustment: seat front/rear + up/down, legrest up/down, backrest front/rear, 4-way lumbar support, easy and quick adjustment
- ✓ Ventilation & heating: both support 3-speed settings
- ✓ Seat massage: with 8 massage modes, support 3-speed adjustment, relieve long-distance driving fatigue
- ✓ Three gears memory: support 3 gears position memory, change hands in the middle of the road, a key reset
- ✓ Intelligent welcome: get in and out of the car automatically move back 40mm, automatic reset

Superior Comfort Co-driver

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- ✓ Ultra-comfortable passenger seat 10-way electric adjustment: support seat front and rear + up and down, backrest front and rear, 4-way lumbar support, easy to adjust to a comfortable sitting position.
- ✓ Comfortable leg rest: Maximum support 50°.
- ✓ Adjustable ventilation&heating&massage: support 3 levels of adjustment function, 8 massage modes.
- ✓ Seat memory: support seat position memory, more detailed adjustment.

Soft-wrapped Quality Interior

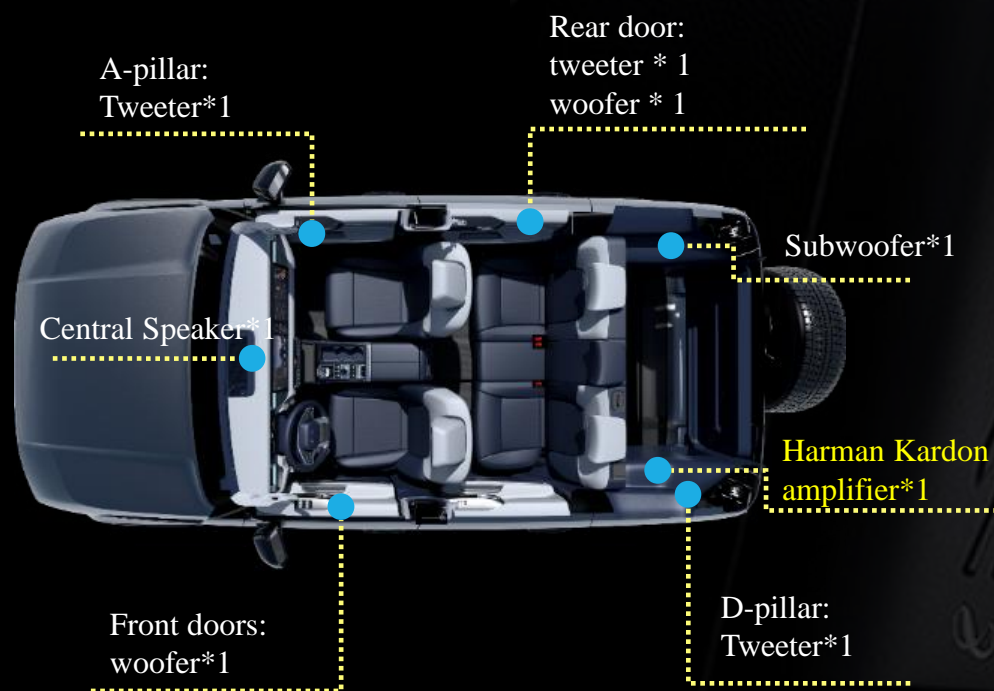
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- ✓ Interior, door trim, armrest box, etc. using a large number of plastic-lined materials and soft materials for wrapping
- ✓ a large area of soft package to enhance the vehicle's interior sense of sophistication and class sense of scrubbing,
- ✓ easy to clean.

Infinity Audio System

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- ✓ Infinity audio system, using a combination of 12 speakers + 1 external amplifier, amplifier power of up to 320w with automatic adjustment of the volume.
- ✓ With the speed of the car, the sound field position can be adjusted, the sound effect can be customized, the sound field localization range automatically adjusted, etc.
- ✓ ANC Active Noise Cancellation is through the car's four noise microphone to identify the noise in the car, and then by releasing the reverse of the white noise to counteract the noise.

Intelligent Fresh Air System

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- ✓ CN95 cartridge passive filtration, BAIC for the first batch of car companies through the cn95 certification pm2.5 passive filtration, the data will be displayed on the big screen
- ✓ New Cheryl non-toxic, non-asphalt shock-absorbing stickers, to ensure that no source of pollution in the car
- ✓ AQS active switching isolation
- ✓ ION negative ion active purification



256-Color Multi-functional Ambient Light

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- ✓ Ambient light with 256 colors to choose from: switch colors according to different moods, with welcome and memory functions, light up in the order from front to back after opening the door.
- ✓ Switching different lighting effects with ATS mode: change the color according to the mode and the current off-road performance.
- ✓ Safety reminder: speeding reminder, air conditioning reminder, door opening reminder, wading reminder, through the visual reminder, to increase the safety of driving process.

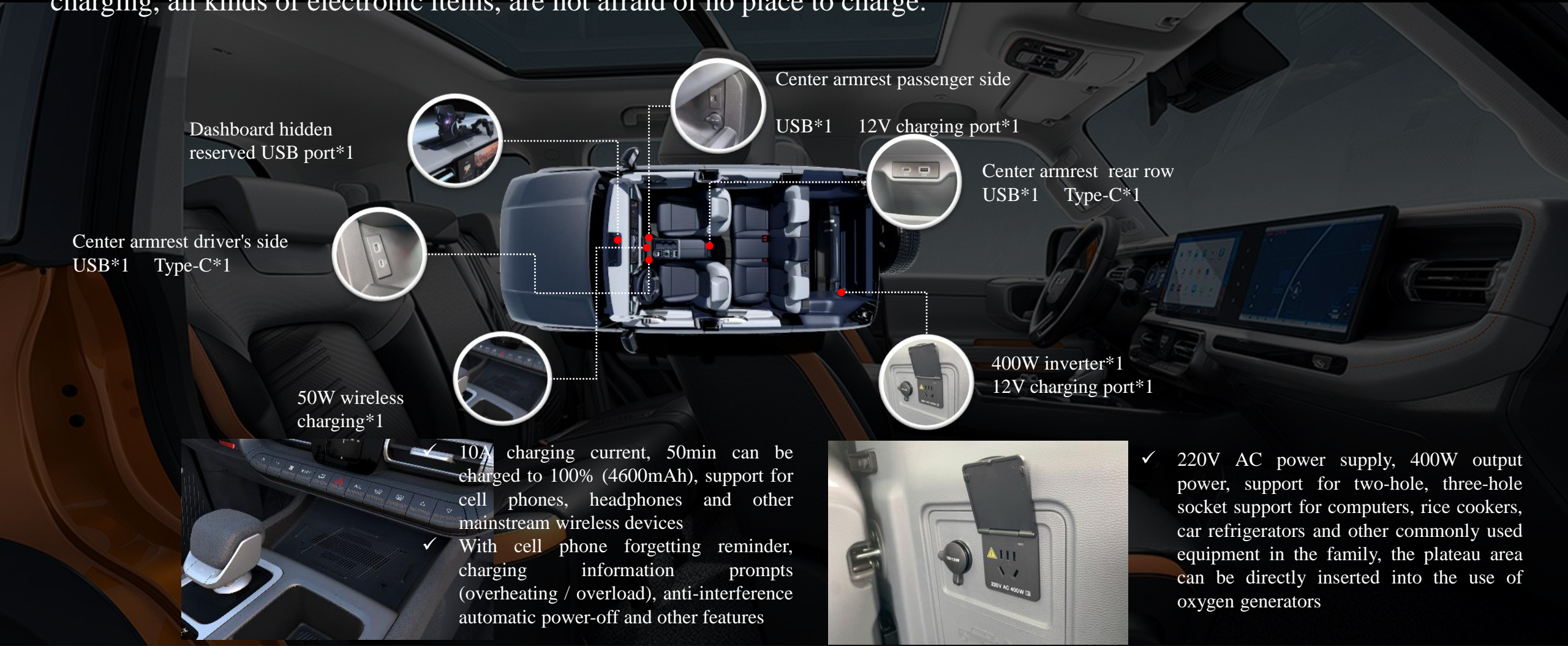
- ✓ Makeup mirror: the main passenger sun visor built-in adjustable color temperature makeup mirror, according to the brightness of the outside world to adjust at will



10 Charging Ports Of The Vehicle

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Totally of 10 charging ports, convenient for the front and rear rows of drivers and passengers of digital devices for charging, all kinds of electronic items, are not afraid of no place to charge.



PART III

Driving Safety

Full Coverage Intelligent Highly Sensitive Sensors

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Front ultrasonic radar 1*6

Rear ultrasonic radar*6

corner millimeter radar *2

L2 Smart Driving Monocular Camera*1
Driving Recorder Camera*1

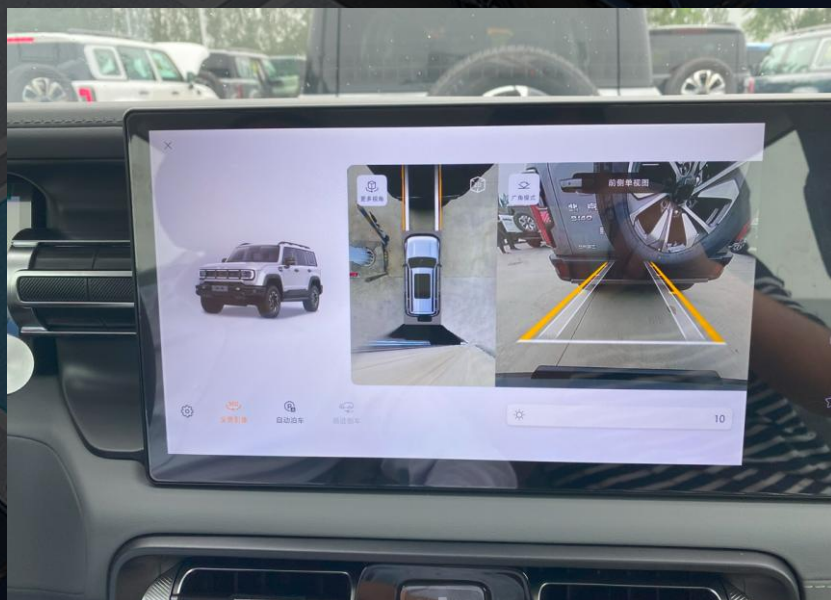
streammedia rear mirror*1

Around view monitor camera*4

- ✓ Multi-class sensors in the whole vehicle, a total of 25 highly sensitive intelligent sensors, to provide basic protection for the assisted driving function.
- ✓ 12 ultrasonic radars; 2 millimeter-wave radars; 7 cameras; 1 controller
- ✓ Currently, the hardware has the conditions for L2 intelligent driving assistance

540° Around View Monitor

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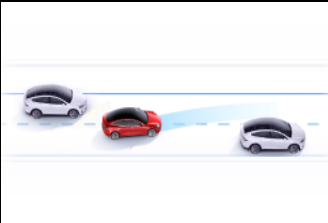
horizontal 360° + vertical 180°

- ✓ 360° panoramic image, view the information around the vehicle
- ✓ 4 HD cameras, support HD & God view switching

L2 Intelligent Driving Assistant



15 Intelligent Driver Assistance Features



ICA+LCA



ACC
(0-100km/h)



BSD



RCTA+RCTB
(-10-0km/h)



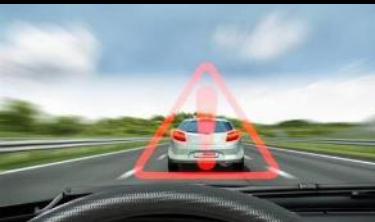
LDW



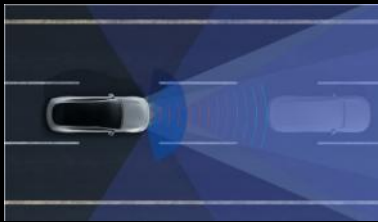
ELK



LCA



AEB
(Vehicle + Pedestrian)



FCW



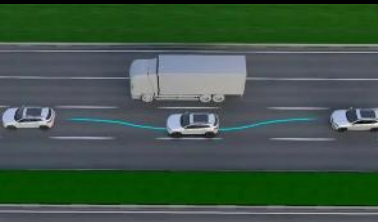
DOW



LKA



TJA



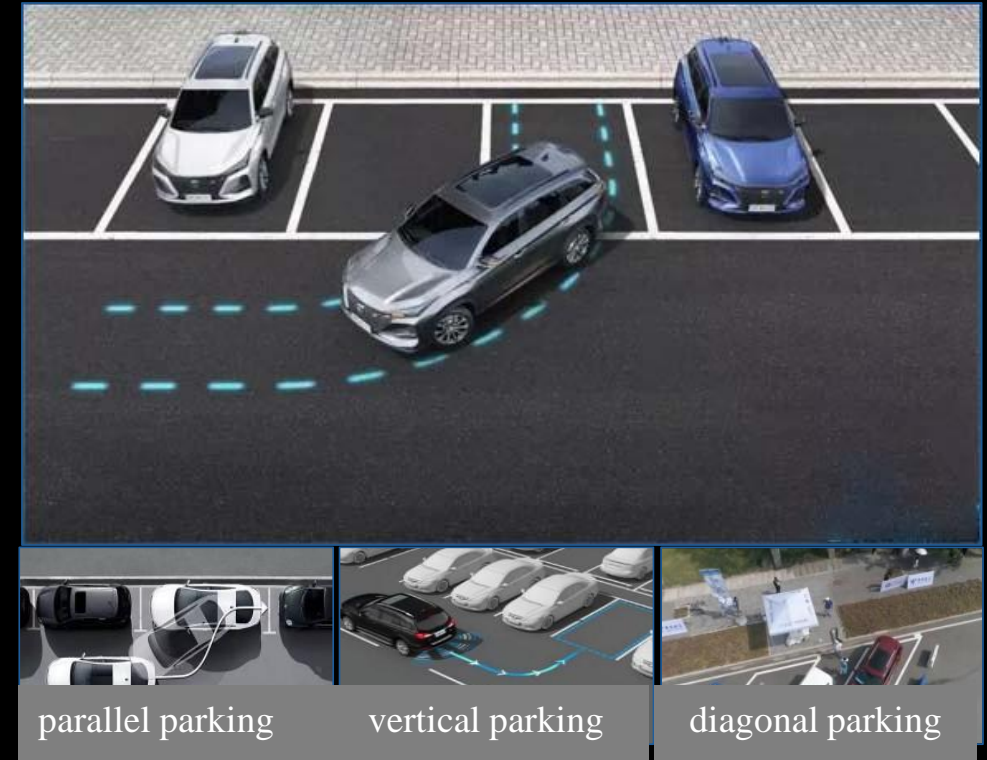
Smart Dodge

Note: RCW, MOD, ESS, TLA are not reflected for the time being.

APA Automatic Parking Assistant

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- ✓ 12 ultrasonic radar for distance sensing + 4 wide-angle camera to capture images
- ✓ Recognize 158 kinds of parking spaces in 5 categories.
- ✓ Driver selects the parking space and clicks auto-parking, without any operation, the car can be easily backed into the parking space automatically, safe and convenient.
- ✓ Female drivers can easily park their cars in unfamiliar cities or parking lots.



L2 Intelligent Driving Assistant

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Total **15** functions

Senario7、Parking in complex lots

- RCTA
- 540° HD AVM
- DOW
- APA

Senario6、Long time driving& high way

- ACC
- ICA
- LCA
- SAS
- Smart dodge

Senario1、Vehicle start and departure

- DMS
- EPB+AUTO HOLD

Senario2、Low-middle speed in city

- FCW
- AEB
- ACC S&G

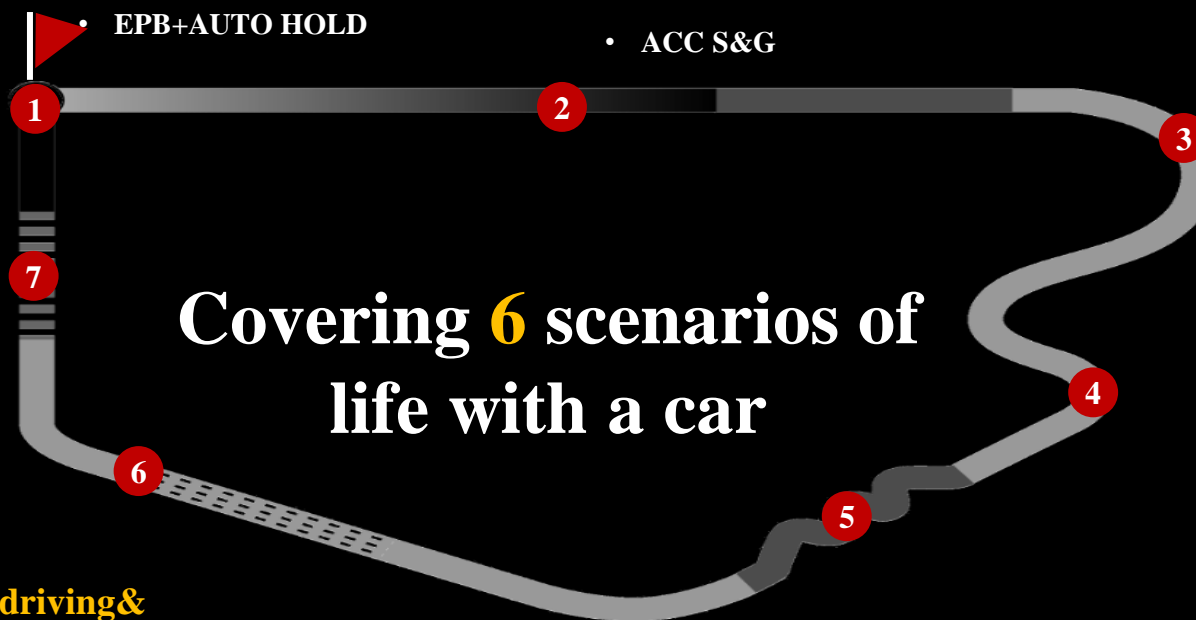
Senario3、City traffic jam

- TJA

Senario5、Urban & Elevated Complex Roads

- BSD
- LDW
- LKA
- LCW
- ELK

Covering **6** scenarios of life with a car

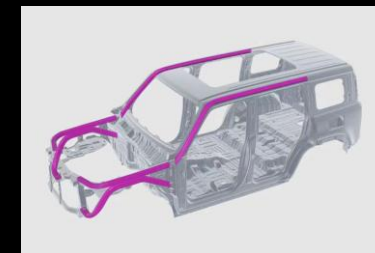
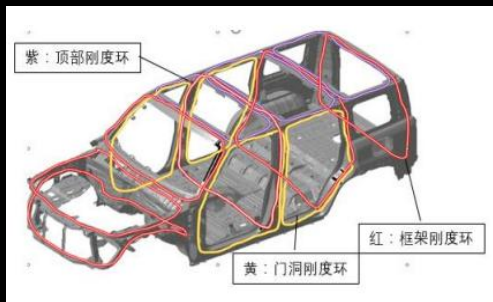


Cage Body Structure

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First in offroad vehicle

Built-in antiroll bar



Percentage of thermal-forming steel applications

79.8%

Lightweighting factor

4.34

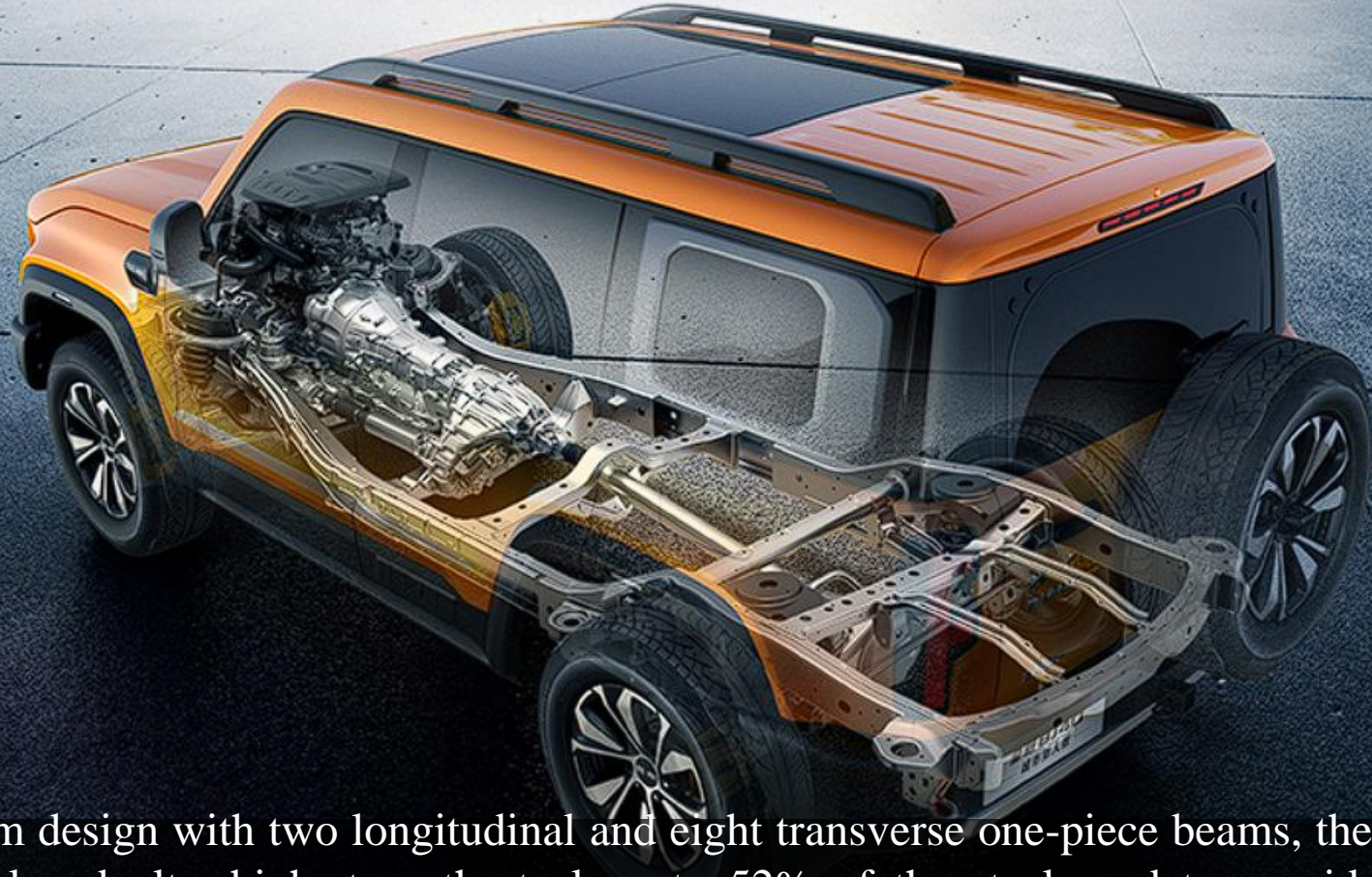


Complete independent stiffness ring

13

Military Grade Off-road Chassis

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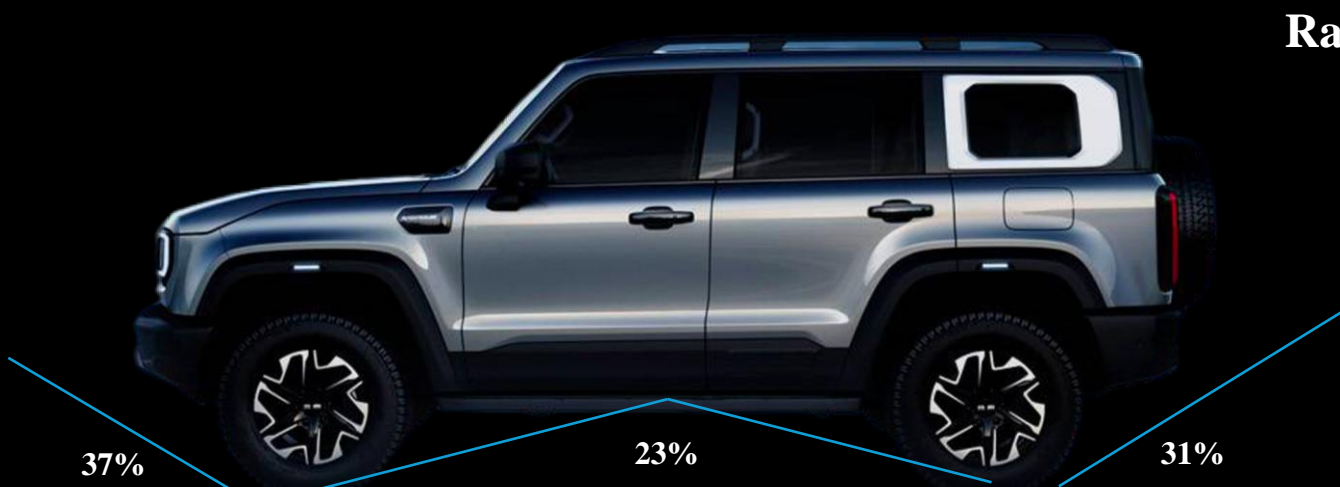
- ✓ Integral beam design with two longitudinal and eight transverse one-piece beams, the proportion of high-strength steel and ultra-high-strength steel up to 52% of the steel used to provide super-strong body rigidity, which can absorb the collision energy and reduce the deformation of the body to protect the safety of personnel.
- ✓ Integral rear axle design with strong carrying capacity, strong adaptability to road conditions, large modification space, is the ultimate off-road necessary artifacts.

PART IV

Easy Offroad

Excellent Off-road Driving Ability

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Ramp Angle

23°

Departure Angle

31°

Approach Angle

37°

Ground Clearance

220mm

Wading Depth

750mm

- ✓ Four-wheel, four-corner design: four wheels are arranged at the four corners of the body as much as possible to maximize the wheelbase and wheelbase.
- ✓ Cross-country has a plus: the larger the approach angle and departure angle, the greater the degree of slope climbing, the wheelbase determines the longitudinal passing angle, which is the core indicator of the passability, the larger the longitudinal passing angle and ground clearance, the better the vehicle passability, and the wading depth, which embodies the maximum depth of water that can be passed.

Chassis Diversity Adjustment

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- ✓ More comfortable suspension: urbanized tuning, softened suspension, comfort enhancement, damping biased comfort tuning, multi-group matching optimization

- ✓ Good pitch and roll tuning: upgraded anti-nodding rate, braking nod suppression, upgraded side lean stiffness, side lean angle suppression

- ✓ More versatile steering: with three modes, light & standard & sport, the steering control is versatile to meet various needs.

Integral Axle Rear Suspension

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- ✓ Good passing power: Integral axle rear suspension allows more up and down travel of the suspension, increasing the passing power of the vehicle.
- ✓ Reliable and durable: simple structure, high strength, stronger load bearing capacity than independent suspension, suitable for off-road and bad road conditions, easy to post maintenance.



All New 2.0T Engine

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Max Power

180Kw

Max Torque

395N.m



Combustion System:

- Miller cycle, reduce effective compression ratio
- Reduced knock tendency
- High compression ratio, improve theoretical thermal efficiency

GDI System:

- Side direct injection
- Variable fuel injection configuration
- 350bar high pressure injection to improve combustion.

Intake Manifold:

- Optimize intake manifold consistency
- PCV are rearranged

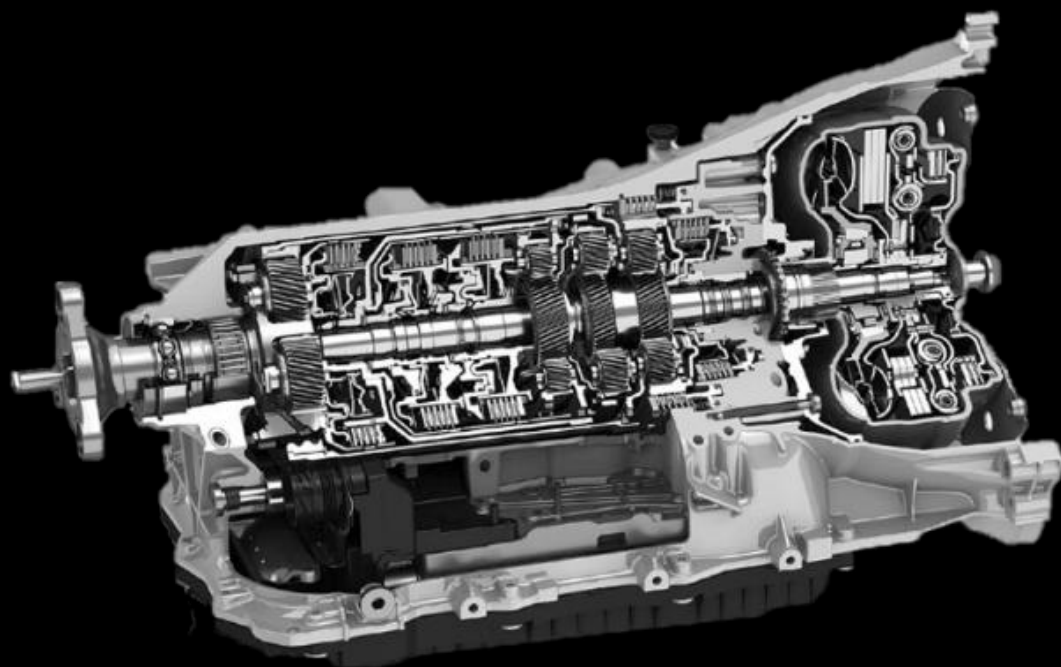
Integrated Exhaust

Manifold:

- Less parts, faster warm up
- Improved heavy duty fuel consumption

All New ZF 8AT

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- ✓ High maturity: ZF 8AT gearbox has high market share, mature technology, reliable and durable, mostly used in luxury brand models (Wrangler, Land Rover, BMW, Audi, etc.)
- ✓ Large input torque: maximum input torque up to 500Nm, planetary mechanism, professional adjustment, 1 gear speed ratio up to 5.0, a wide range of speed ratio from 0.64 to 5.0, and smooth shift, no setback.

Real-time 4 Wheel Drive System

- ✓ Easy switch between 2 wheel drive and 4 wheel drive: Switch four-drive system through electronic knob, with 2H, 4H, 4L, 4A four gears, enhance vehicle pass ability.
- ✓ 4A can be dynamically adjusted between 0-50%, automatically adjust the forward torque distribution, cover a wide range of conditions, basically can cover 80% of the road conditions, can achieve high-speed four-wheel drive mode.
- ✓ When the vehicle speed is below 80km/h, the intelligent four-wheel drive (AWD), high-speed four-wheel drive (4H), high-speed two-wheel drive (2H) three modes can be freely switched between the two modes, which perfectly combines the two driving experiences of paved and non-paved roads.



Real-time 4 Wheel Drive System

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- ✓ High-speed four-wheel drive (4H) and low-speed four-wheel drive (4L) adopt mechanical sleeve locking, which can achieve 1:1 distribution of torque of the front and rear axle of the vehicle, and can achieve 2.64 times of torque amplification.
- ✓ Low torque more powerful: Amplified torque output, 4L speed ratio 2.542 of Tandis , 2.64 of BorgWarner.
- ✓ Greater bearing capacity: The BorgWarner transfer case has 29% higher static and torsional strength than the previous generation model, making it more durable off-road.
- ✓ In addition, this four-wheel drive system is perfectly compatible with all-terrain functional, which can realize the combination of multi-mode and multi-scene, making the driving fun is extremely rich.

ATS All Terrain System (Up To 11 Modes)

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Comfortable Mode

It is suitable for driving on paved roads, balancing performance and economic.



Sport Mode

It is suitable for mountain roads and intense driving, helping to provide a more dynamic driving experience, with a bias towards dynamic performance.



Eco Mode

It is suitable for highway and urban congestion conditions as well as rainy and slippery roads, with a bias towards economic performance.



Intelligent Mode

It is suitable for highway and urban congestion conditions as well as rainy and slippery roads, with a bias towards economic performance.



Through Mode

It is suitable for long - distance crossing, steep - slope dirt roads and other environments. It is recommended to reduce the tire pressure to about 2.1 bar.



Rock Mode

It is suitable for mountain stone roads, dry riverbeds and other environments where wheels are prone to bumping. It is recommended to reduce the tire pressure to about 1.0 bar.



Sand Mode

It is suitable for soft and dry sand, sand dunes, sandy soil, beaches and other environments. It is recommended to reduce the tire pressure to about 1.5 bar.



Mud Mode

It is suitable for muddy, rut - filled, log - strewn and other rugged environments. It is recommended to reduce the tire pressure to about 1.5 bar.



Snow Mode

It is suitable for ice, snow, grassland, gravel and other environments where wheels are prone to slipping. It is recommended to reduce the tire pressure to about 1.5 bar.



Deep Snow Mode

It is suitable for environments with thick snow where wheels are prone to slipping. It is recommended to reduce the tire pressure to about 2.1 bar.

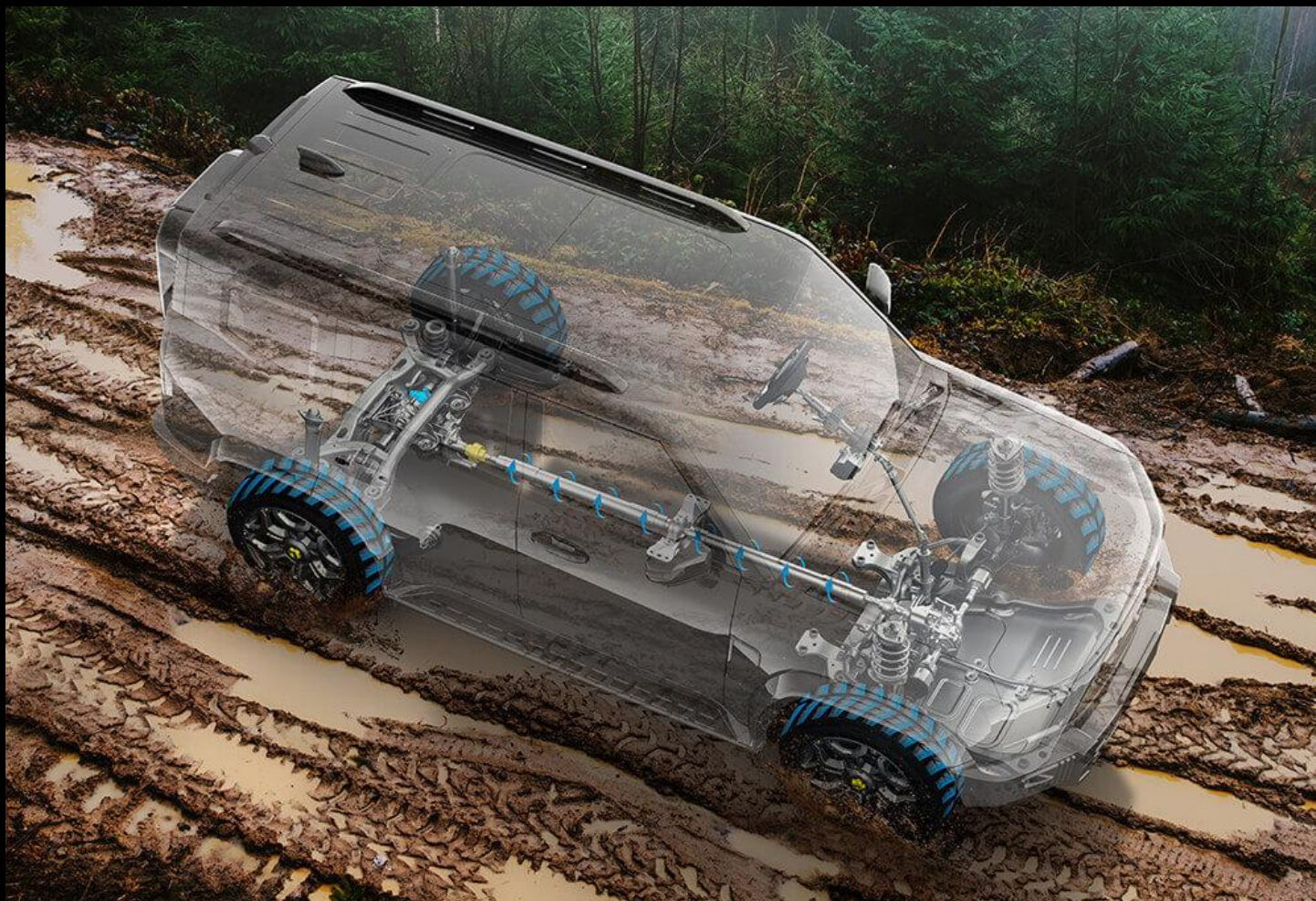


Wading Mode

It is suitable for deep - water wading environments. It is recommended to reduce the tire pressure to about 2.1 bar.

12-Gear Crawl Mode

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- ✓ Reduce the difficulty of off-road driving: After starting the function, reduce the difficulty of driving complex road conditions, the vehicle passes through the off-road road in constant speed, free the feet, support 1~12km/h speed of 12 gears, through the accelerator pedal and set speed, the system automatically control the power and braking, so that the vehicle can maintain a constant speed, and the driver will concentrate on the control direction, route selection.



Tactical U-Turn

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Turning Diameter

10.8m

Tactical U-turn

9.8m

- ✓ In a U-turn, the rear wheel on the side corresponding to the turn is stopped by the electronic brake, rotates occasionally, the other three tires rotate normally, and then completes the U-turn during the turn, allowing the vehicle to complete the U-turn in the minimum distance.

Multiple Storage Spaces

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43 humanized storage to meet the
changing needs of users

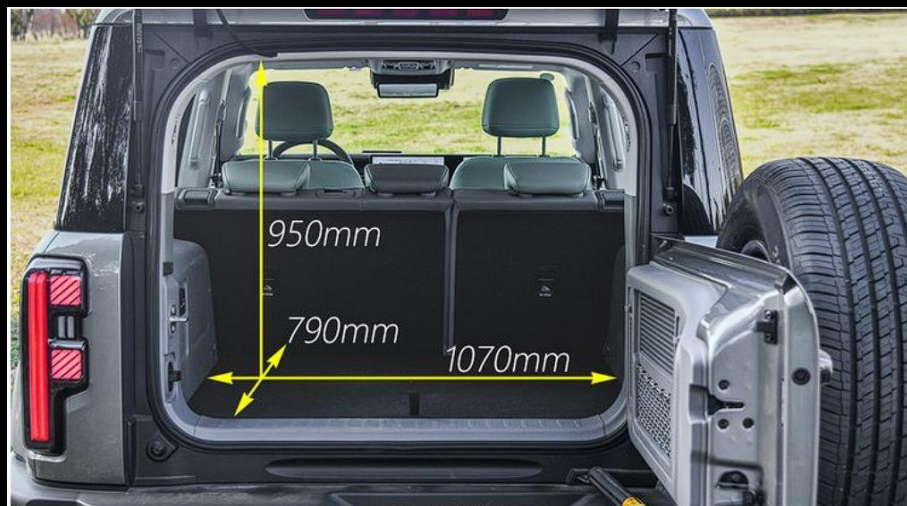
Alloy luggage rack, can bear 80kg, no longer worry
large cargo , and even can carry the roof tent for
camping



Camping Space

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Large size trunk for more travel items



Rear seats can be folded like a bed



The rear seat angles adjustment support 26 degrees adjustment (front 16°, rear 10°)





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