

Helmarv

Product Manual



Super powerful SUV



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Shandong ZingKing Tech. Co., Ltd.

Address: Intelligent Equipment Industrial Park, Linzi Economic Development Zone, Zibo City, Shandong Province, P.R.C., 255000

TEL: +86 18865330233



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01 COMPANY PROFILE

ZINGKING TECH. is a state-owned enterprise invested and constructed by Shandong state-owned assets. Headquartered in Zibo, the birthplace of football in the world, it has invested 1 billion RMB in the first phase of the Linzi Intelligent Equipment Industrial Park and has built an export base of 100,000 units. The manufacturing sector covers assembly workshops, welding workshops, KD packaging workshops, and central warehouses, with a total construction area of 120,000 m².

The company adheres to reform and innovation, responds to national policies, takes the industry to serve the country as its mission, is driven by innovation, and pursues excellence. It is determined to form an ecosystem with an open automobile manufacturing and export platform as the core and extending business around the automobile industry chain. There are currently 3,000 employees, including 50 Masters and Doctors, 200 bachelors, and 127 engineers.

The company insists on quickly building a core team with high quality and strong technical force, and has formed a relatively complete product R&D and manufacturing system and a professional overseas marketing system from the development of complete vehicles, powertrains, and key components to trial production tests. The core team members are from mainstream domestic first-tier auto brands, and more than 54% of them have more than 10 years experience in the auto industry and export.



Unmanned Console





02 **P**roduct Overview



03

Available Colors



RED



SILVER



BLUE



WHITE

04

Product Parameters

Item	1.8L
Length×Width×Height (mm)	4560 x 1815 x 1735
Wheelbase (mm)	2690
Thread (Front/Rear) (mm)	1540/1530
Curb Weight (kg)	1440
Total Weight (kg)	1990
Engine Model	SFG18
Engine Type	Natural aspiration
Displacement (mL)	1798
Max Power (kW)	102
Max Torque (N·m/rpm)	187
Transmission	5MT/CVT
Seating Capacity	5 / 7
Drive Mode	Front Engine, Front Drive
Front Suspension	Macpherson
Rear Suspension	Five-Link with Spiral Spring
Tyre	215/60 R17

03 Selling Point Introduction

Appearance & Interior Trim



Headlamp with Lens
LED Daytime Running Lamp



Chrome-Plated Front Grille



Dual-Color Aluminum Sports Wheel Rim

- ◇ Specification: 215/60R17
- ◇ Material: Aluminum
- ◇ Spray-painting process: Dual-color painting
- ◇ Speed class: 210km/h
- ◇ Loading index: 710kg

Features:

- ◇ High flatness ratio will bring better comfort and less noises.
- ◇ Dual-color wheel rim reflects the motion characteristic of SUV.
- ◇ M+S mark, which means the good effect on the snow-covered and slippery road.

Dual-Color Interior Trim

- ◇ The combination of brown and black colors reflects the unique charm of this product.



Leather Seats

- ◇ The high-grade leather seat is soft and comfortable, and also has excellent supportability; it is suitable for both urban commuting and suburban long trip.
- ◇ Dual-color splicing technology and the interior have the same style and formed the consistent visual perception.

Panoramic Sunroof

- ◇ Overall translucent area: **0.814m²**
- ◇ Open area: **0.345m²**
- ◇ Supplied by Webasto, the world-famous supplier with excellent quality.

Note: Some of the models are equipped with the common sunroof or with no sunroof.



Leather Multi-Function Steering Wheel

- ◇ The leather steering wheel, with the 3-spoke flat-bottomed sport design, is aesthetical and comfortable.
- ◇ It is equipped with control buttons of multimedia, instruments and cruise control, which will improve the convenience and the safety.





Interior Atmosphere Lamp

Courtesy Lamp + Interior Atmosphere Lamp

◇ The atmosphere lamp creates the warm and romantic atmosphere through the LED strip, adding more enjoyment to the night trip.



Courtesy Lamp

◇ The courtesy lamp is the absolute visual focus at night, improving the safety, highlighting the brand and reflecting the exalted identity of the driver.

EBA

In an emergency, the system will detect whether the driver is trying to execute an emergency stop, and whether the brake pedal is not fully applied, and then increase the braking pressure when necessary.

TCS

It is designed to automatically decrease the engine torque when the vehicle starts or accelerates on the slippery road to keep the driving wheel from slipping. TCS will improve the starting and acceleration performance so that the driving stability will be ensured.



BOSCH Electronic Stability Program

◇ ESP system will ensure the effective distribution of steering force and brake force on the slippery road and in a sharp turn to avoid the slip and the drift.

◇ It is the standard equipment of all models, providing drivers the best safeguard.

04 Selling Point Introduction

Security Equipment

ABS

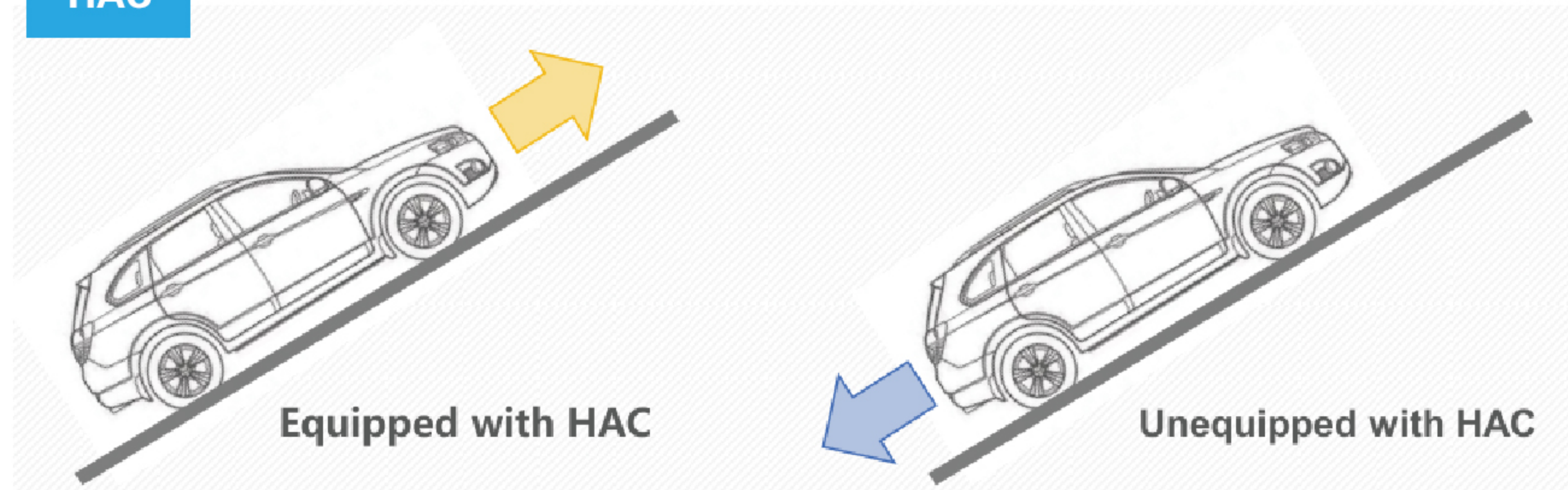
The system will automatically control the brake force, keeping wheels from locking so as to ensure the safety and achieve the maximum braking efficiency.

EBD

Through calculating the friction, the system will automatically vary the amount of force applied to each of a vehicle's wheels and make a high speed adjustment when driving so as to ensure the stability and security of the vehicle.



HAC



- ◇ HAC will continue to apply brake force within 3 second when the brake pedal is loosened to keep the vehicle still and provide the driver enough time to get the accelerator pedal, which will improve the convenience and security of the hill starting.

Note: This function is the standard equipment of all models.

Vehicle Running Recorder

- ◇ Front windshield and rear integrated camera will directly record the driving state, and can display the image on the screen simultaneously.

- ◇ The video file can be set as the 1-minute, 3-minute or 5-minute fragment and stored in SD card, which has made it convenient to acquire at any time.



Camera of Vehicle Running Recorder

Dual Front Air Bags + Front Side Air Bags



- ◇ The four air bags system (dual front air bags and front side air bags) can effectively protect the driver and passenger from being injured by any front or side collision.

Note: The picture is for reference only, subject to the actual vehicle equipment.

Front/Rear Parking Radar

- ◇ Front Bumper Bar Assembly

Two Parking Radars



Three Parking Radars

- ◇ Rear Bumper Bar Assembly

Tire Pressure Monitoring System (TPMS)

- ◇ Active TPMS can directly display the tire pressure. The automatic alert will work under the abnormal pressure. Air leakage and blowout of tires will be avoided to improve the driving safety.



- ◇ Equipped with the front radar, more favorable for SUV to park and pass through in the narrow site.

- ◇ Providing warning sounds at different frequency according to different distance.

05 Selling Point Introduction

Powertrain& Body

SFG18 Engine



Displacement	1.798L
Rated Power	102 kW
Max Torque	187 N · m
Core Tech	DVVT
Standard	China V
Fuel Consumption	7.5 L/100km



CVT

- ◇ Transmitted by steel belt, offering excellent comfort, with a good quality.
- ◇ Keep the engine in the best operating range; improve the dynamic performance of engine; reduce the fuel consumption.

Suspension System

Front Suspension :

MacPherson Structure

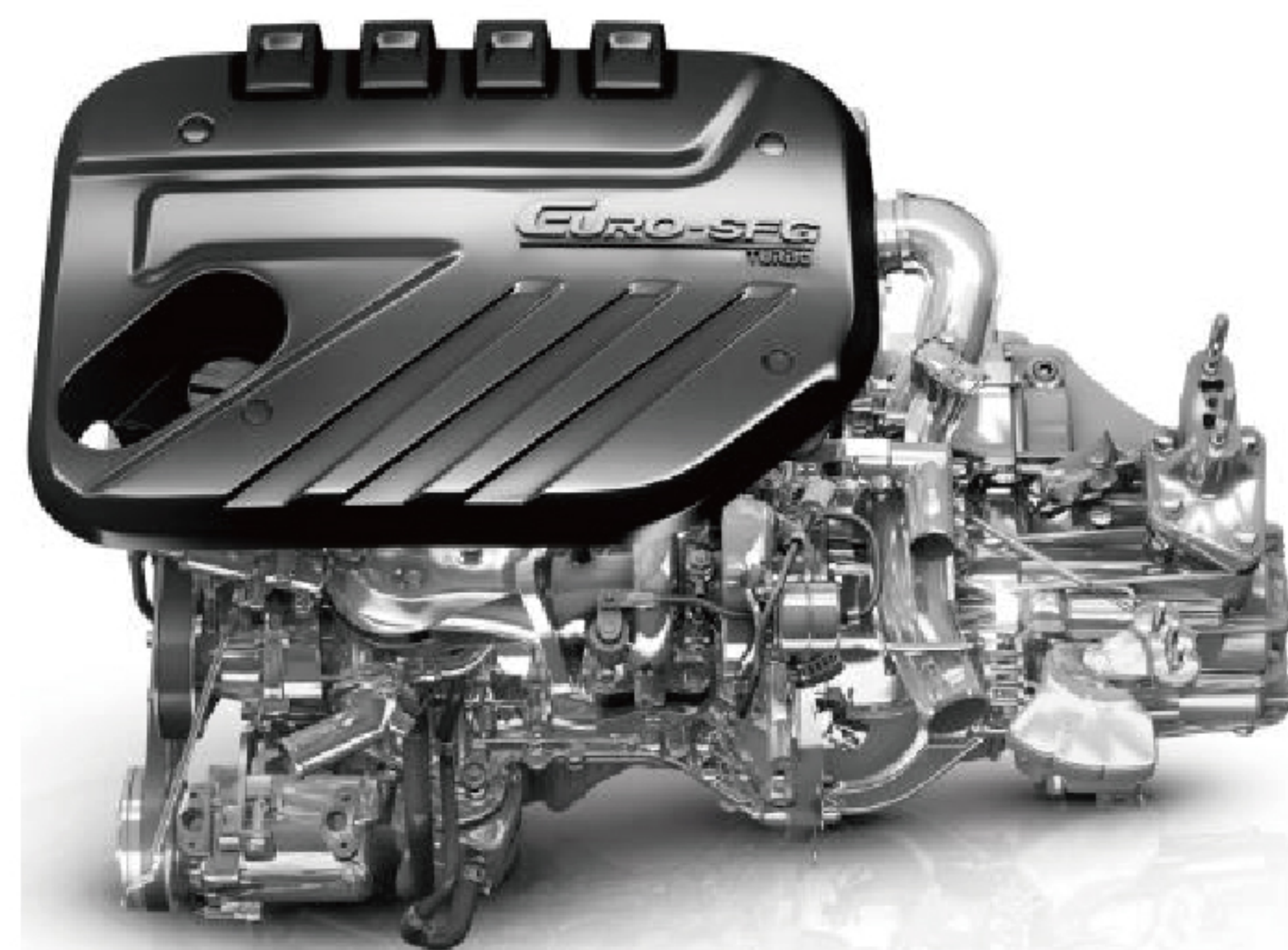
- ◇ Compact structure, high reliability, excellent shock absorbing effect, good independence and stability of front tires.



SFG15T Engine

"China Heart" Top Ten Engine of 2016

Displacement : 1.498L
Intake Form : Turbocharged
Rated Power : 110 kW
Max Torque : 230 N · m
Fuel Consumption : 7.2 L/100km
Displacement Standard : China V
Core Tech : DVVT



Rear Suspension :

Five-Link Spiral Spring

- ◇ Solid structure, good support, excellent damping of vibration, comfortable experience for passengers in the middle and the back row.

200mm Ground Clearance



Large Space with 7 Seats



- ◇ This product makes possible the flexible arrangement of seating space.
- ◇ 2~7 seats can meet different demands for different family structure.

2690mm Wheelbase



- ◇ 2690mm wheelbase bring the wide legroom, providing passengers a more comfortable experience.

06 Selling Point Introduction

Comfortable Equipment

PEPS



Passive Entry System

- ◇ Only need to touch the switch; easy and convenient.



Passive Start System

- ◇ Simple and quick; accurate ignition; protecting the battery.

Panoramic Parking System

- ◇ Equipped with HD camera on four sides of the vehicle; with the intelligent image processing, to realize the 360 degree parking.
- ◇ More vivid parking experience; help avoiding collision and improving convenience.

Note: Some of the models are equipped with common reverse video or with no such system.



Automatic Headlamp+ Automatic Wiper



Automatic Headlamp

Automatically turn on/off the headlamp according to light levels, light variation range and the duration; improve the driving security and the convenience.

Automatic Headlamp

Automatically adjust the motion frequency of the wiper according to the rainfall; avoid the frequent operation of the driver and improve the vision clarity.

Cruise Control System (CCS)

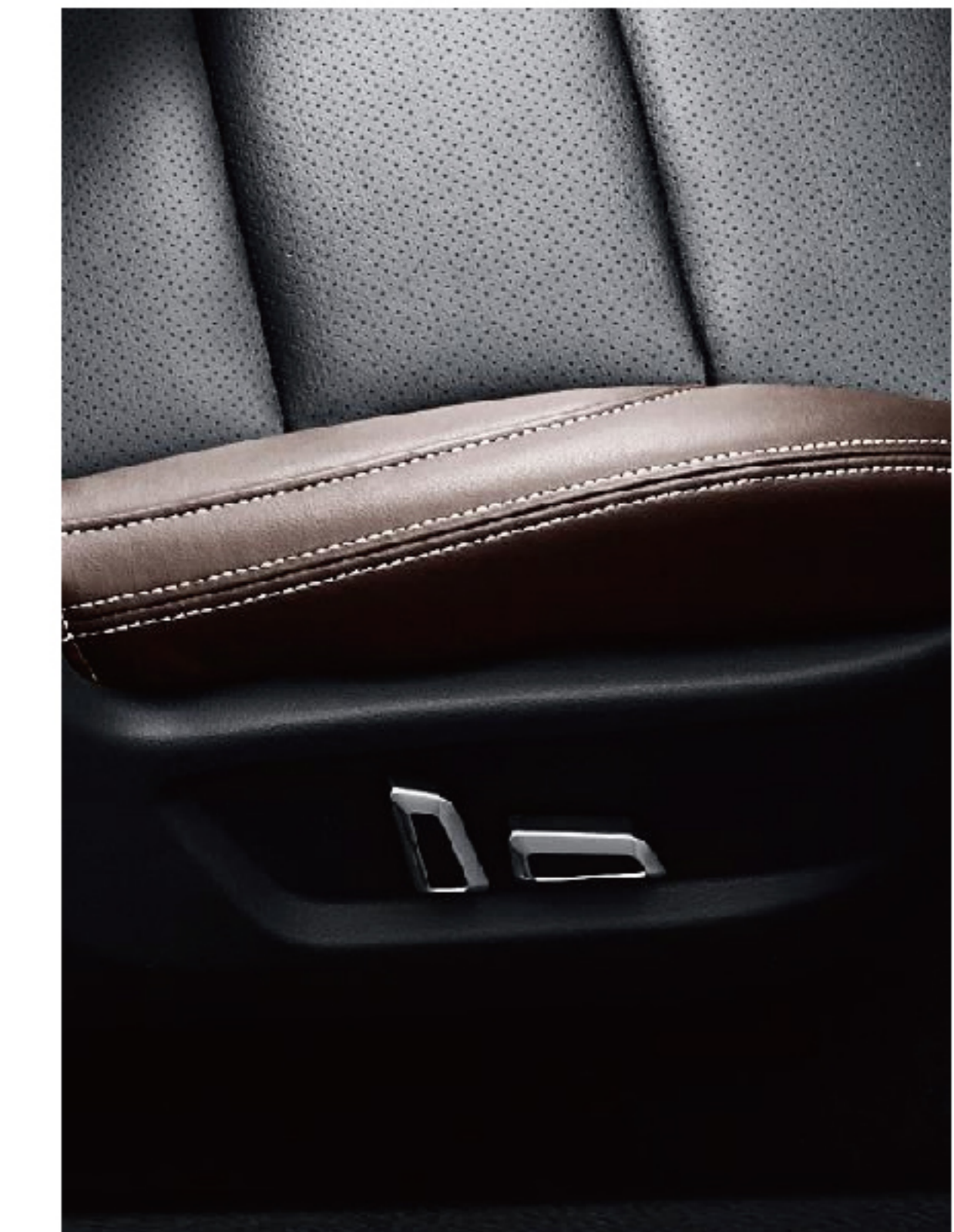
- ◇ Speed Range: 40~130km/h
- ◇ The system will automatically maintain the throttle valve position to move in a predefined speed, which can relieve the fatigue during the trip and improve the security.



Front Seats Power Adjustment



Power Adjustment on the Driver Side



Power Adjustment on the Passenger Side

Simple and convenient; both sides are equipped, which will provide great convenience to the driver and the passenger.

Electrical Parking

press-button control; effortless; saving the space of center console.



Exterior Auto-Fold Rearview Mirror+ Heating

Rearview Mirror Heating



Auto-Fold Rearview Mirror



07 Selling Point Introduction

Intelligent Equipment

Audio System

◇ 7-inch floating touch screen, high-tech, sensitive and convenient to control.

◇ Multi-functional as follows:

- Bluetooth** **FM/AM**
- USB/AUX** **Vehicle Running Recorder**
- GPS Navigation** **Reverse Video**
- Audio/Video** **Cellphone Connection**



08 Configuration

Version 配置		Basic 都市型	Comfort 舒适型	Luxury 豪华型	Basic 都市型	Deluxe 尊贵型
Engine Model	发动机型号	SFG18	SFG18	SFG18	SFG18	SFG18
Gearbox Type	变速器形式	5MT	5MT	5MT	CVT	CVT
Tire and Wheel Hub	轮胎及轮毂	215/60 R17 Aluminum Hub 铝轮	215/60 R17 Aluminum Hub 铝轮	215/60 R17 Aluminum Hub 铝轮	215/60 R17 Aluminum Hub 铝轮	215/60 R17 Aluminum Hub 铝轮
Daytime Running Lamp	昼间行驶灯	—	•	•	•	•
Moonroof	天窗	—	• (普通)	• (普通)	—	• (全景)
Power Rearview Mirror	电动后视镜	•	•	•	•	•
Rearview Mirror Auto Fold	后视镜自动折叠	—	—	•	—	•
Heated Rearview Mirror	后视镜加热	•	—	•	•	•
Auto Up/Down Power Windows	车窗一键升降	• (主驾)	• (主驾)	• (主驾)	•	• (主驾)
Sun Visor+Cosmetic Mirror双遮阳板+双化妆镜		•	•	•	•	•
Makeup Mirror Lamp	化妆镜照明	—	•	•	—	•
Audio System	音响系统	7-inch HD Touch Screen 7寸可触摸高 清显示屏	7-inch HD Touch Screen 7寸可触摸高 清显示屏	7-inch HD Touch Screen 7寸可触摸高 清显示屏	7-inch HD Touch Screen 7寸可触摸高 清显示屏	7-inch HD Touch Screen 7寸可触摸高 清显示屏
Speakers	扬声器	4	6	6	6	6
Electric AC	电动空调	•	•	•	•	•
Multifunctional Steering Wheel	多功能方向盘	•	•	• (真皮)	•	• (真皮)
Parking Brake	驻车制动器	Manual 手动	Manual 手动	EPB 电子	EPB 电子	EPB 电子
Door Lamp	门灯	•	•	•	—	•
Dual-tone Horn	双音调喇叭	•	•	•	•	•
Air Bag	安全气囊	Front Driver 主驾	Front Driver/Passenger 主驾+副驾	Front Driver/Passenger 主驾+副驾	Front Driver 主驾	Front Driver/Passenger 主驾+副驾
Reverse Camera/Video	倒车视频影像	•	•	•	•	• (全景泊车)
Keyless Entry	无钥匙进入	—	—	•	—	•
Passive -start	无钥匙启动	—	—	•	—	•
GPS	GPS 导航	—	—	•	—	•
TPMS	胎压监测系统	—	—	•	—	•
ABS	ABS 制动防抱死	•	•	•	•	•
EBA	EBA 刹车辅助	—	•	•	—	•
TCS (Traction Control System)	牵引力辅助	—	•	•	—	•
HAC	上坡辅助系统	—	•	•	—	•
ESP	ESP	—	•	•	—	•
Cruise Control	定速巡航	•	—	—	•	•
Vehicle Running Recorder	行车记录仪	—	—	•	—	•
Cellphone Connection	手机互联	•	•	•	•	•
Shark Fin Antenna	鲨鱼鳍天线	•	•	•	•	•
Engine Trim Panel	发动机装饰罩	•	•	•	•	•