



# TUNLAND

*Sales pitch manual*



TUNLAND

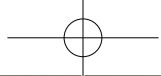




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Appearance

Fashionable body



### Fashionable shape

TUNLAND is a high-end, state-of-the-art pickup developed by Foton that combines global technologies with classic quality. As a new generation Foton pickup product, its design allows for both the fashion of a passenger vehicle and the utility of a commercial vehicle.



Wing-shaped grille and crystal diamond headlight



Streamlined body



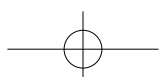
Integral rear bumper

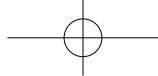
### Ultra-wide body



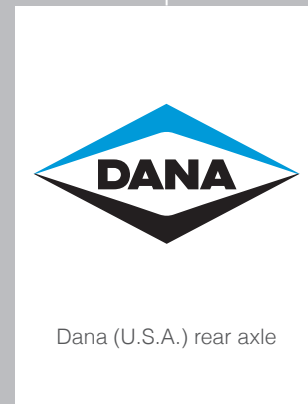
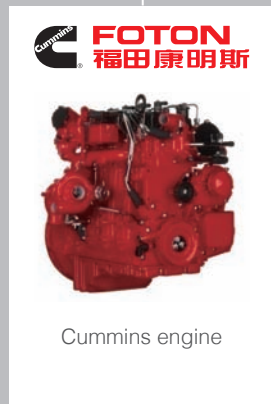
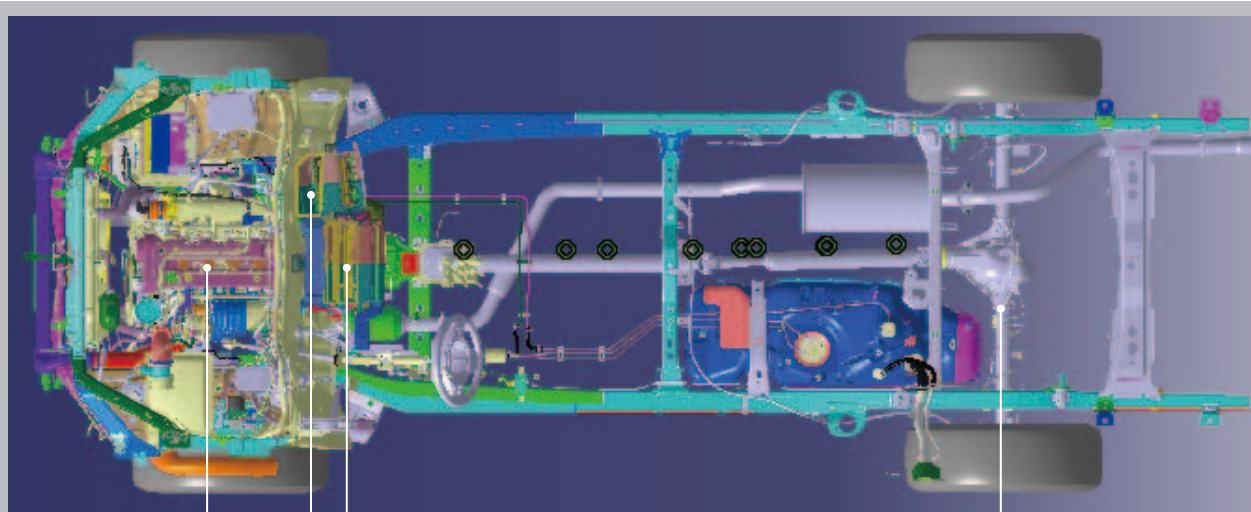
◀ TUNLAND

▼ A JIS-compliant product





### World class power - Cummins engine



Item	TUNLAND	Competitor
Dynamic behavior	4×4	4×4
Maximum speed (km/h) (laden)	≥155	≥155
0~100km/h acceleration time (s)	≤13	≤14
Gradeability (%)	≥60	≥80
Maximum gross combination weight (kg)	2500	2000
50~0km/h stopping distance (mm)	550/650	550/650
Fuel consumption (L/100km)	7.9L	8.4L



Unparalleled, ISF2.8 is the best diesel engine in the world.



## DAIMLER

Daimler



Dodge

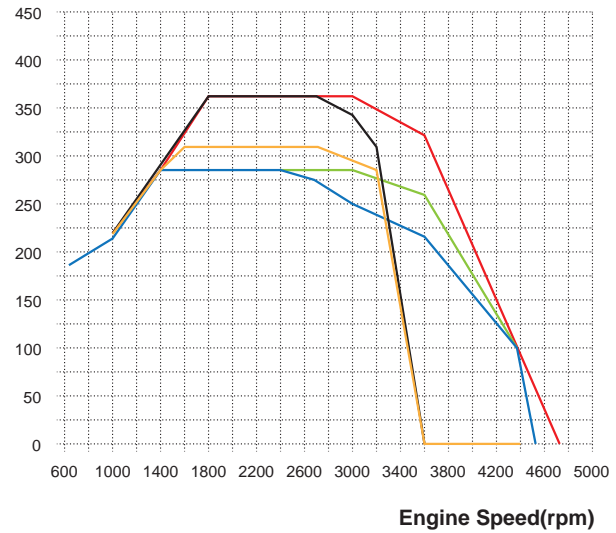


Nissan



Ford

Engine model	ISF2.8
Type	In-line four-cylinder, electronically controlled, high pressure common rail
Displacement (L)	2.776
Power rating (speed) [kw(r/min)]	120(3600)
Maximum torque (speed) [N.m(r/min)]	360(1800-3000)



**Strong power - One of highest power-per-liter light duty diesel engines**

- With a strong power of 120KW and a power per liter up to 42.9kw, it has the highest power among the engines with displacements below 3.0L at present; in addition, the maximum towing capacity of the vehicle also reaches 2.5T.
- The engine has a maximum torque output of 360N.m which is 22.5%-60% higher than those of similar products. At the same time, with a maximum torque output speed up to 1,200r/min, the vehicle can handle various harsh road conditions easily.



High reliability - 500,000km without major repairs  
(twice the average of similar models)



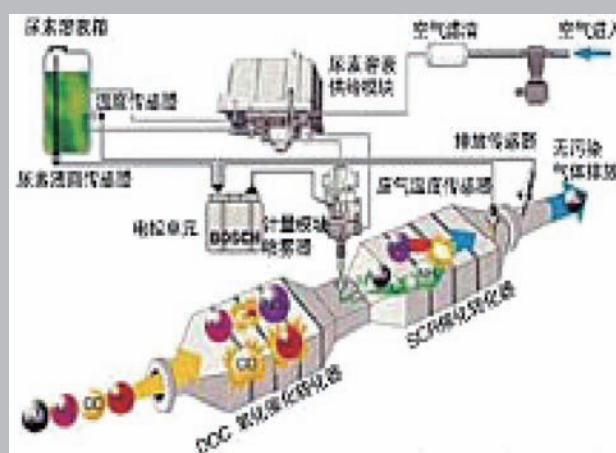
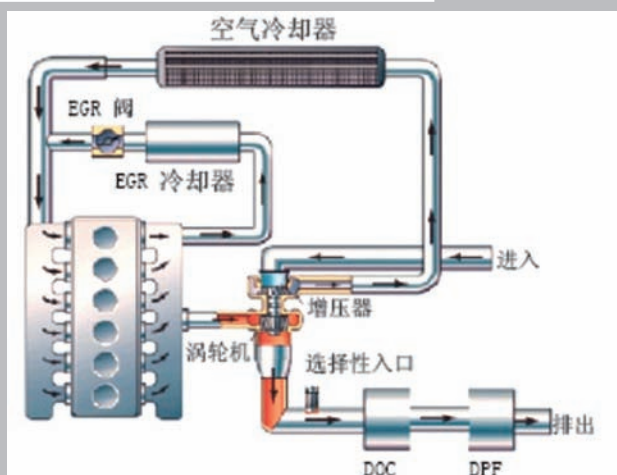
- Main parts are purchased uniformly through the Cummins global supply chain.
- The one-piece engine block and cylinder head have high strength and stability.
- Five major key systems are highly integrated. Integrated control is enabled through the electronic module (ECM) for optimum performance.

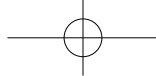


Strong environmental suitability



With the Bosch high pressure common rail system and the cold start control for electronically controlled Cummins engines startup is possible at -40°C.





**Cummins** **FOTON** **福田康明斯** Environmentally friendly



High pressure common rail unit

Electronic fuel control system



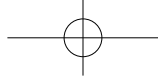
EGR system

- By adopting full electronic control technology route and using ECU control, various operation information about the vehicle can be transferred, through vehicle sensors, to the command and control system ECU (electronic control unit) which issue commands uniformly to enable optimum air/fuel mixture. In addition, the high pressure common rail direct fuel injection system is used to allow precise control over injection pressure and quantity. As a result, exhaust pollutants such as PM (particulate matter) and NOX (nitrogen oxides) are significantly reduced to meet the EU Stage V emission standard while super high power is provided.

- The EGR (exhaust gas recirculation) system is used to allow undischarged exhaust gas to mix with intake air after being cooled in an efficient cooler and then recirculate in combustion chambers so as to reduce combustion temperature and control NOX emission. Low-pollutant emission is thereby allowed by means of exhaust gas recycling.

- The high-performance DOC (diesel oxidation catalyst) is used to oxidize harmful substances in exhaust gas into carbon dioxide and water.





**Cummins** **FOTON**  
**福田康明斯** Low use cost

**Low maintenance cost:**

The use of a modular design allows most of the parts to be modularly integrated so that the number of parts used is reduced by 40% and trouble spots are minimized.

**Low cost of upkeep:**

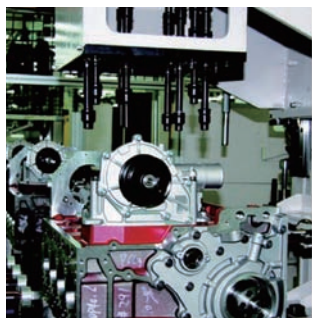
The ultra-long oil change period (20,000km) means a cost of upkeep per kilometer of merely RMB 0.02 yuan which is 1/3 of similar models.

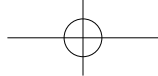
**Low fuel consumption and cost:**

7.9L fuel consumption per 100km - Specific fuel consumption increased by 13%.

**Cummins** **Corporate profile of Cummins**

- The largest independent manufacturer of diesel engine products in the world
- Fortune Top 500 in the U.S.
- Points of sale in 190 countries all over the world and more than 1,200 main unit manufacturer clients

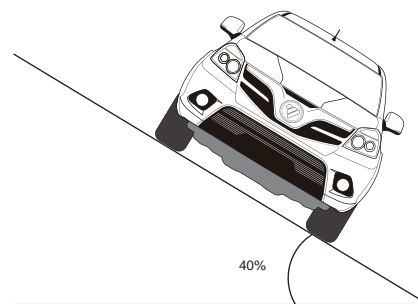




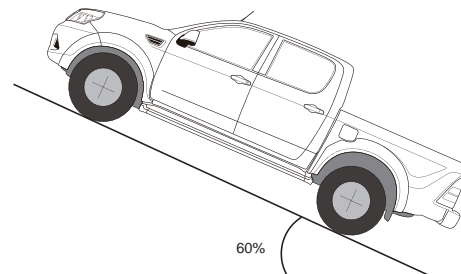
Off-road

Superior off-road power

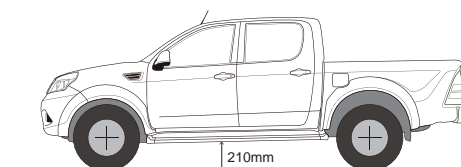
Demo for adaptability to various complicated roads: Rock road, ramp, snow covered road, puddle, sandstone road, etc.



Maximum trafficable transverse gradient: 40%



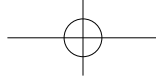
Gradeability: 60%



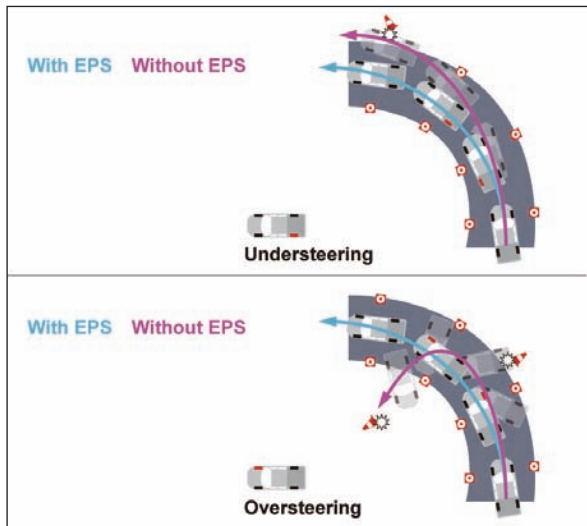
Ground clearance: 210 mm



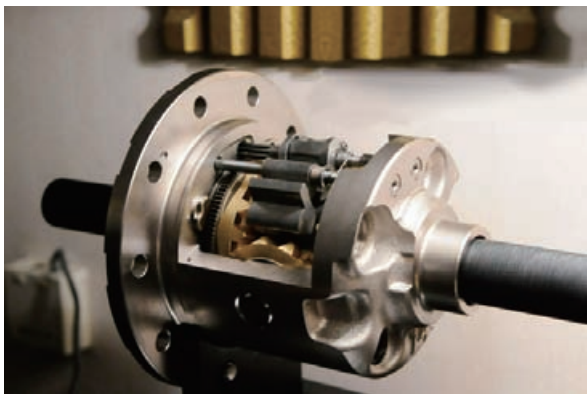
Maximum towing force: 2.5T



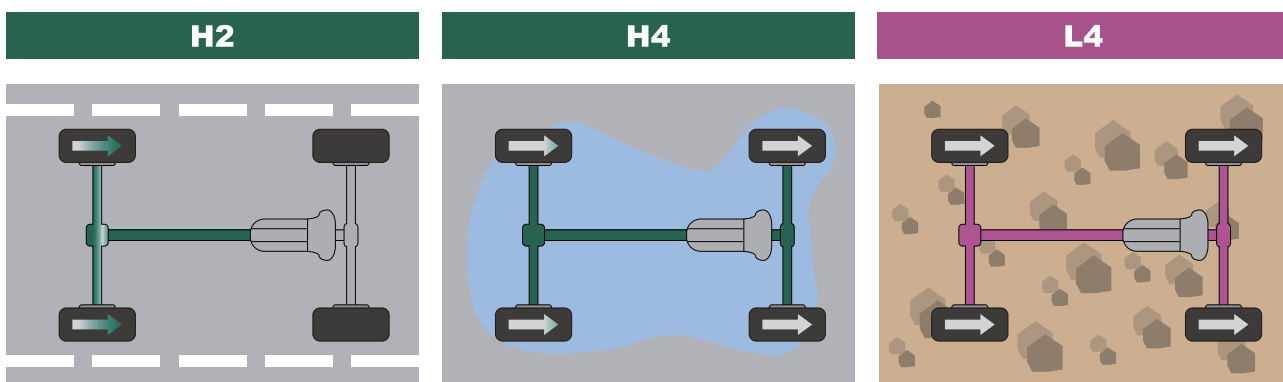
Adaptable to various complicated road conditions - including snow and ice covered road, muddy earth road, puddle, and stone pavement



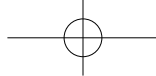
- EPS: With precise control by the electronic system, neither front nor rear tires will be locked so that road surface friction can be optimised to achieve optimum braking efficiency, greatly shorten stopping distance, and increase braking stability. Side skidding and whipping will not take place even during emergency braking when the vehicle is running on a snow and ice covered road and making a turn



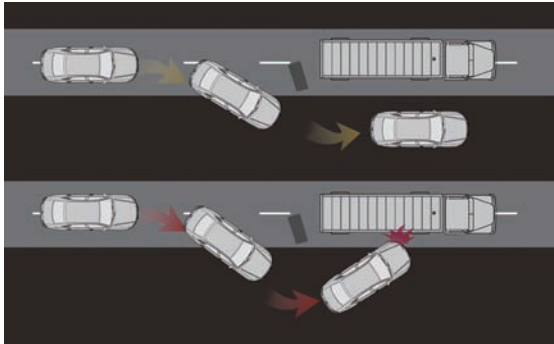
- Rear axle equipped with LSD (limited slip differential lock): Single wheel slip caused by rear wheel power interruption and insufficient road adhesion is avoided so as to make maximum use of driving force and increase driving safety on complicated roads.



- The optional 4WD configuration can ensure normal travel of the vehicle even in cases of complete single wheel or dual wheel slip. This effect is highlighted on muddy, sandstone roads, etc. The 4WD system can be used on mountain roads to provide stronger road adhesion and make climbing easier.



### High-strength high-performance design up to four - star level Active safety - Full utilization of modern technologies



Standard Bosch 4-channel ABS+EBD: With precise control by the electronic system, neither front nor rear tires will be locked so that optimum braking efficiency is optimized, stopping distance is greatly shortened, and braking stability is increased. Side skidding and whipping will not take place even during emergency braking when the vehicle is making a turn.

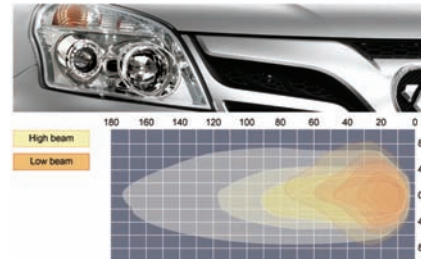
### Complete reminder function



Backup sensor: Four sensors are used to ensure that no blind spots exist during backing up.



Mirror with turn signal



Super bright headlight



Light reminder: It can protect you from missing a footboard and bruising.



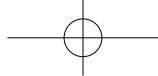
Automatic door locking: All doors will be locked automatically after the vehicle has started and run for 20s.



Tail turn signal



Seat belt reminder  
Door ajar reminder: When a door is not closed, its icon will be displayed on the instrument cluster to give you a warning.



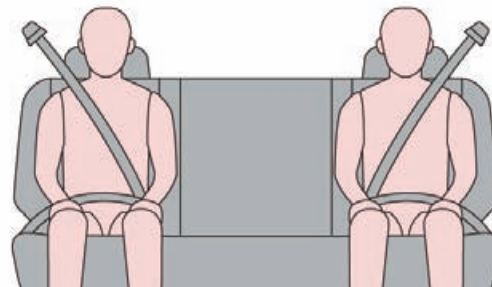
## Passive safety - Star Level protection scheme

### Structural design plan



- The high-strength body structure is constructed of high-strength, lightweight aluminum alloy material (thickness up to 1.2mm). The body is up to China C-NCAP four-star level safety standard.
- A body structure that can mitigate possible injury to pedestrians is used to provide effective protection to them.
- Impact absorbing structures are used for the engine hood, fenders, wipers, etc.

### Internal protection scheme

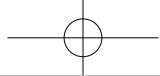


- Dual air bag for driver and co-driver + pre-tensioner seat belt: When the vehicle encounters an accidental collision, the air bag will deploy and the seat belt will be pre-tensioned in a timely manner to provide occupants with timely protection.
- Rear row three-point pre-tensioner seat belt: In the case of accidental collision, the seat belt will be pre-tensioned urgently and lock so as to mitigate impact to your chest.

- Collapsible steering column: When the vehicle encounters a collision, the steering column can collapse and deform as designed so as to reduce backward movement of the steering wheel and the impact force transferred to human body by the steering column during collision.



- Rear row child seat fixture: Seat anchorages are specially designed for the ride safety of children.



Space

Spacious

The wide body (5,310 x 1,880 x 1,870 mm) and long wheel base (3,105 mm) increase the entire space of the body by 20%.



### Front row super large space and broad view

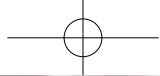
The wide body provides more elbow room for front passengers and frees him/her from any sense of constraints. Broad windshield provides a pantoscopic view.



### Very spacious rear row

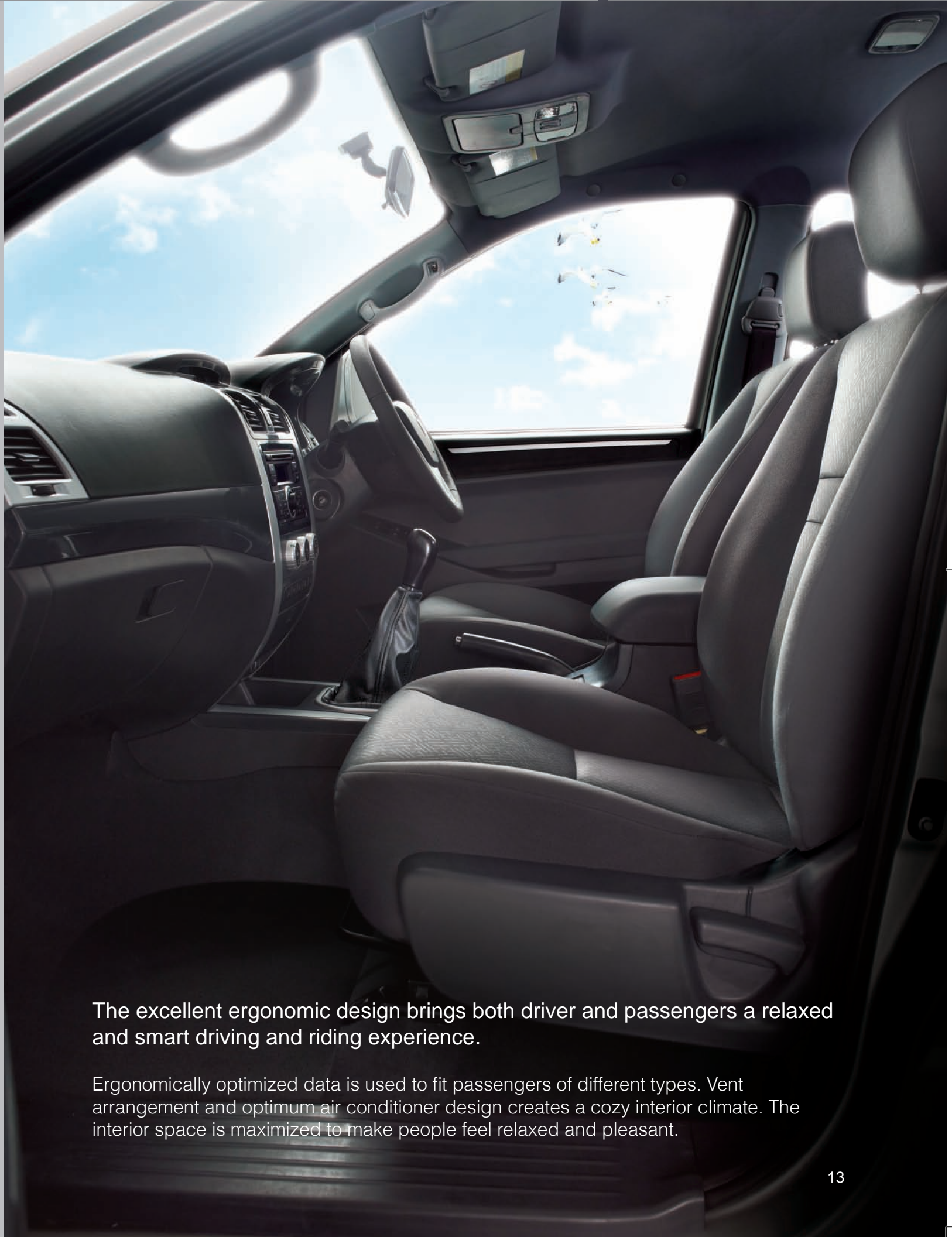
The broader rear row space with leg room of up to 800mm allows passengers to fully stretch their bodies and ride in a more comfortable manner.





Pleasant driving enjoyment

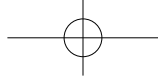
Upholstery



The excellent ergonomic design brings both driver and passengers a relaxed and smart driving and riding experience.

Ergonomically optimized data is used to fit passengers of different types. Vent arrangement and optimum air conditioner design creates a cozy interior climate. The interior space is maximized to make people feel relaxed and pleasant.



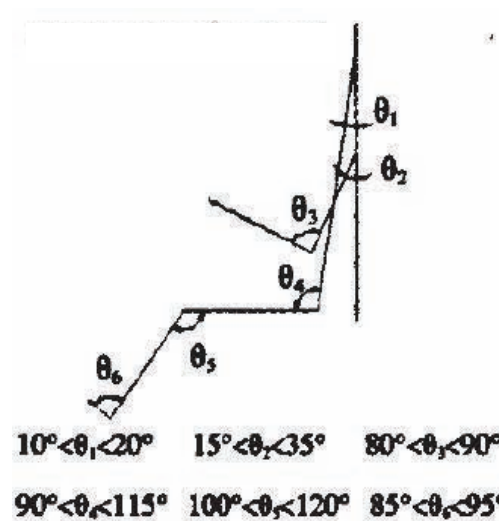


## Upholstery

## Pleasant driving enjoyment



Six-direction adjustable driver's seat allows the driver to adjust it freely as needed to mitigate driving fatigue.



Ergonomically optimized riding angle design

The ergonomic leather seat design of Johnson (U.S.A.) features adjustable angles, uniform pressure distribution, and good back support.



Anti-dazzle mirror: Reflective intensity can be adjusted automatically according to light intensity of following vehicles in order to make night driving safer.



The electric adjustment together with unique locking function and burglar-proof feature protects safety of children.

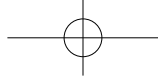


The 5MT shift lever has a clear gear pattern.



Doors' inside handles are neat and make people feel comfortable.





Pleasant driving enjoyment

Upholstery

Electronic information and control system enables the driver to easily drive his car – Standard CAN bus for all series



Mileage display

Fuel consumption of 100 KM display

Tyre pressure display

Door Open display

Fuel display

Engine Water Temperature display

### Driver Information Center:

Travel information integrated display, 3D gauges, high-performance LED for clear and comfortable vision

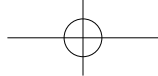


Cruise control button  
Bluetooth system button

Volume button

### Multifunction steering wheel:

Volume control, Bluetooth, cruise control and other commonly-used functions, offering convenience and safety.



Upholstery

Pleasant driving enjoyment



### Hi-Fi entertainment system:

Integrated USB, AUX digit interfaces, Hi-Fi audio devices and arch-shaped keys, with high human-machine interaction comfort.



### Indoor environment control system:

Control electronic control operation, with simple and easy control and precision.

### Top-grade audio:

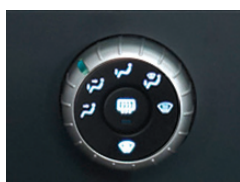
Four-door high-power Hi-Fi loudspeaker box.



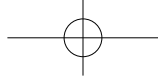
Electronic adjustment knob, four-volume + electronic button, inner and outer air circulation



Integrated electronic conversion button, warm/cold electric + electronic button, A/C switch



Electronic adjust knob, outlet + Electronic control button, rear windscreen defroster/defogger



### Abundant storage space – Let driver and passenger feel at home



Between the driver's seat and passenger's seat, an ultralarge volume of storage space which can store cans, CDs, etc.



Ultralarge passenger's glove box can be used to store books, portfolios, etc., and provides significant convenience.



The driver's and passenger's seat backrests have storage pockets which can be used to store various kinds of items.



Central control panel lower storage design, can be used to store business cards, gas cards, keys, coins, money, etc.



The space between the driver's and passenger's seats is equipped with an ashtray and a cupholder.



Tools, fire extinguishers and warning label storage boxes can be stored under the rear seats.



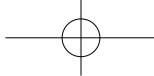
Four front and rear doors have ultralarge high-strength storage spaces which can be used to store bottled spring water, umbrellas, etc.



Roof combination lamp, equipped with glasses box.



Sunvisors have pockets.



Loading

Superior Cargo Loading Capacity

### Ultralarge loading area



The inside dimension of double-row cargo compartment is 1520 X 1580mm (length \* width), the loading area is 2.4m<sup>2</sup>, which is 20% more than same-category models, and increases up to 3.1m<sup>2</sup> after the door of the cargo compartment opens.

The inside dimension of single-row cargo compartment is 2315 X 1580mm (length \* width), the loading area is 3.65m<sup>2</sup>, and increases up to 4.35m<sup>2</sup> after the door of the cargo compartment opens, which is very practical.

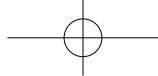


Built-in rope hook

Painted cargo compartment guard



Embedded cargo compartment guard



### Powerful loading capacity

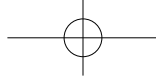


- Equipped with American Dana rear axles with a loading capacity of 1.8 tons which is 20% higher than the same category of products. The noise decreases by 15-20dB. More than 96% of transmission efficiency, efficient and fuel-saving;
- Live front drive axle, with a loading capacity of 1.3 tons;
- Front and rear axles with a total loading capacity of 3.1 tons, and maximum cargo weight of 1.5 tons;
- High-strength oversized 245/70R16 radial tyres, featuring high loading capacity which increases by about 40%.

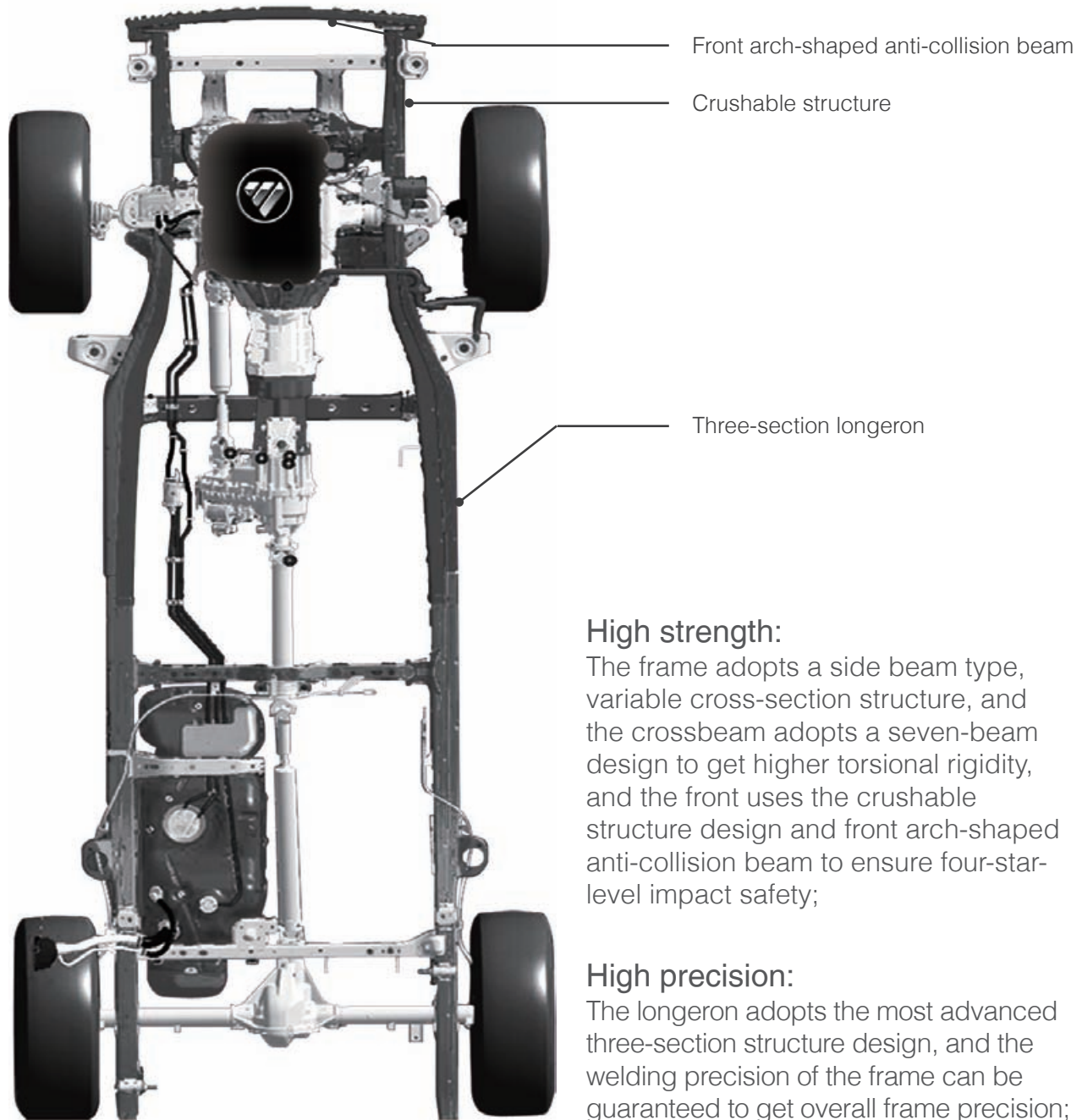
### Low cargo platform development – special for commercial version



- Cargo platform is 750mm in height, and was designed according to the height of a standard cargo compartment, which is convenient for cargo handling with the mechanical tools and providing workers with convenience for going up and down the cargo compartment and transferring cargo;
- Special external rope hooks provide convenience for binding the cargo; the invagination design for the rope hook is adopted to avoid the occurrence of injury to the pedestrians;
- Equipped with a practical cargo compartment guardrail which provides convenience for the placement and binding of long cargo and simultaneously prevents a extrusion against the rear windscreen due to higher cargos.



### High-strength, high precision frame



#### High strength:

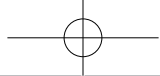
The frame adopts a side beam type, variable cross-section structure, and the crossbeam adopts a seven-beam design to get higher torsional rigidity, and the front uses the crushable structure design and front arch-shaped anti-collision beam to ensure four-star-level impact safety;

#### High precision:

The longeron adopts the most advanced three-section structure design, and the welding precision of the frame can be guaranteed to get overall frame precision;

#### High travel stability:

The overall width of frame is 40mm greater than that of the same category of models so as to get better steering stability of the vehicle.



### Lightweight, accurate, safe steering system



Adopt the world's most popular three-spoke adjustable steering wheel

#### Pinion and rack steering gear:

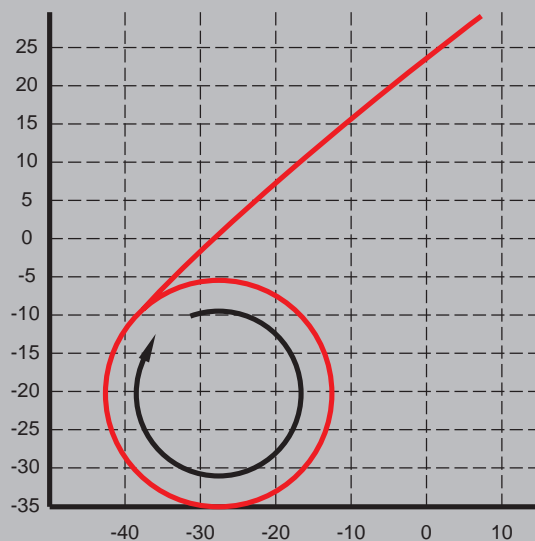
It ensures the ability of the vehicle to travel straight when it runs at high speed, and the vehicle easily turns at low speed, the steering force is 50N only at low speed;

#### Pinion and rack steering gear:

The pinion and rack steering gear, enables the vehicle to get higher control precision, with the minimum turning diameter of 13.5 m;

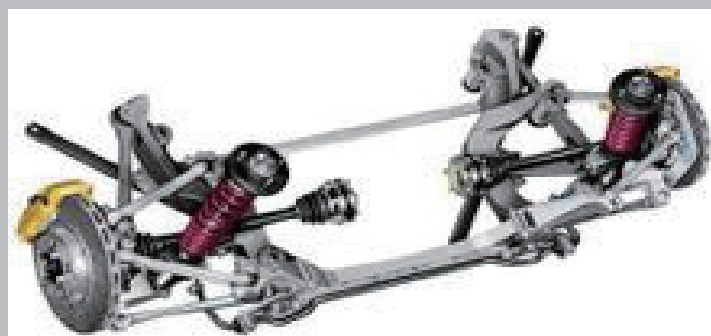
#### Crushable steering column:

In case of collision, the steering column can be crushed and deformed according to the pre-design so as to reduce the backward movement of the steering wheel and thus avoid the generation of strong impact force to the human body.

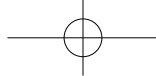


Power steering curve

### Suspension system perfectly combines high comfort and large load capacity

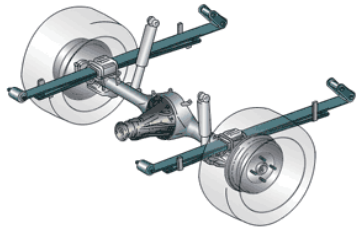


- Front suspension is a double-wishbone spiral spring independent suspension with an additional lateral stabilizer bar to get the superior handling stability and riding comfort, and thus greatly improve the anti-roll ability of the complete vehicle and stability while turning;



## Chassis

## High-performance chassis



- Rear suspension is the leaf spring type rigid axle suspension matched with large scale cylinder type hydraulic damper. The leaf spring adopts the silicon-manganese alloy variable cross-section spring to considerably improve the bearing capacity.

- The front suspension structure and style of the off-road version is the same as that of the commercial version. And the ground clearance is changed by adjusting the welding height of the double yokes;
- The rear suspension structure and style of the off-road version is the same as that of the commercial version. And the frame height is changed by adjusting the relative position of the leaf spring and rear axle. The leaf spring for the off-road version is located above, and the spring for commercial version is located below.

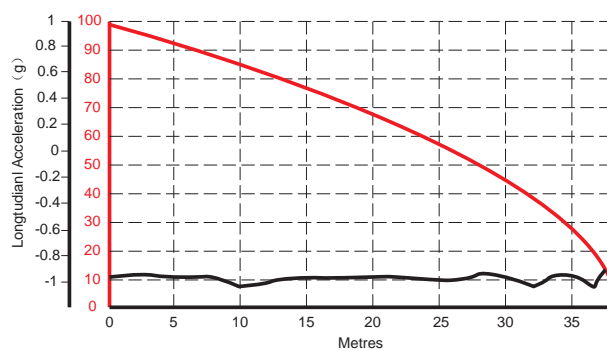
## Classic front-disc-and-rear-drum type brake system



- The front-disc-and-rear-drum type brake system, ensures the perfect combination of both the braking comfort requirements of passenger vehicles and sufficient braking force after the cargo compartment is loaded, and the rear braking force reaches 1,200N which is 1.5 times the braking force of the disc brake. It is the best choice for multi-purpose vehicles;
- Standard Bosch 4-channel ABS + EBD, the precision control is fulfilled with the electronic system so as to ensure front and rear tyres do not lock and thus get the optimal braking efficiency, and it ensures that sideslipping and drifting symptoms do not appear even while emergency braking on roads covered in snow and during the turning process;
- Dual-circuit hydraulic brake system ensures the active braking safety and braking reliability.

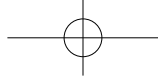


Disc brake



Braking curve





Global Call Center, timely settle any sudden problem



Global Parts Logistics Center



**Service:**

Customer-focused, focus on customer demand and experience, provide customers with simple, convenient and professional quality service.

**Warranty:**

The warranty period of 3 years/100,000KM for complete vehicle, and 5 years of anti-corrosion guarantee for the main assys.

**Service Convenience:**

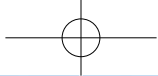
The complete coverage of service network in sales area; 20% of parts and accessories in common with HILUX, simple, convenient and speedy service and maintenance;

**Low CTU cost:**

Long warranty period, no overhaul for 500,000KM mileage, long maintenance interval mileage, USD60,000 maintenance cost saving within service lifetime!

**Accessories supply:**

48,640 m<sup>2</sup> gobal parts logistics center, 25 days for routine order period, and 7 days for emergency order period.

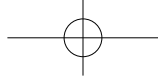


Category

Complete range

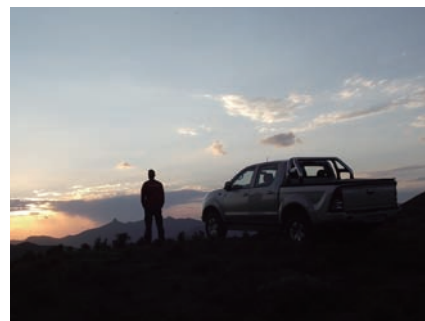
Multi-functions and purposes selection: Multi-purpose for one vehicle





Complete range

Category



Scenario

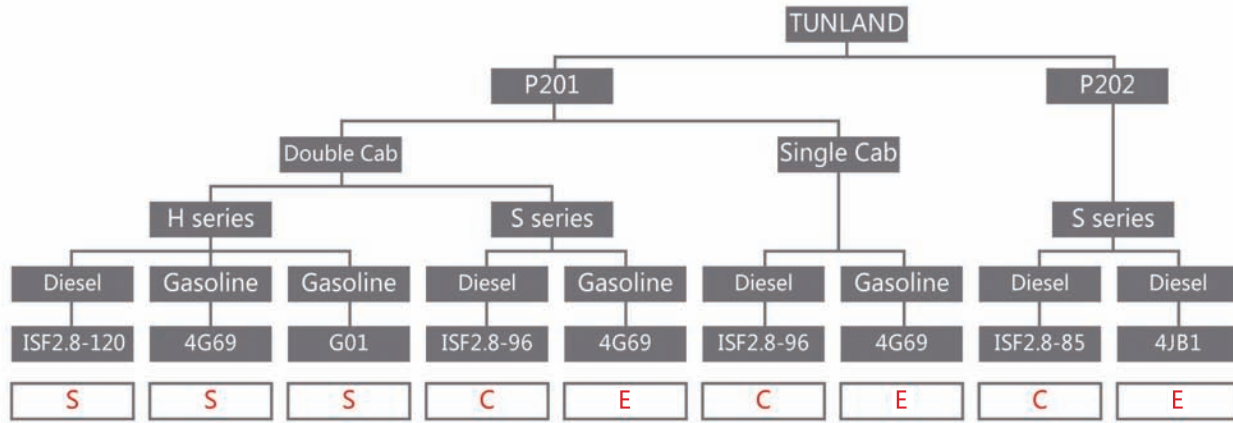
1	Family trip
2	Desert trip
3	Orefield transportation
4	Building transportation
5	Marketplace transportation
6	Market Trading
7	Orchard & farm
8	Seaside holiday
9	Mountain travel
...	etc



Category

Complete range

### Category selection



Sports series

City series

Business series



### Wheel

16inch

265R 245R

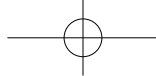
15inch

225R 205R



### Colour

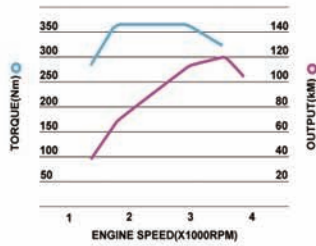




### Engine selection

#### Power system

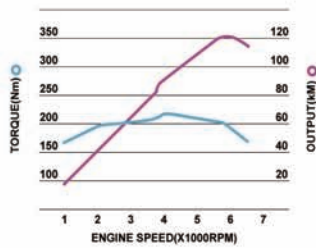
Fuel	Model	Technical Route	Displacement L	Power kW	Maximum Torque N·m	Emission
Diesel	ISF2.8	High-pressure common rail	2.8	85	280	Euro II - Euro IV
Diesel	ISF2.8	High-pressure common rail	2.8	96	280	Euro IV - Euro V
Diesel	ISF2.8	High-pressure common rail	2.8	120	360	Euro II-Euro V



#### Cummins ISF2.8 highly efficient diesel engine

- Turbocharged intake system;
- BOSCH electronically-controlled high-pressure common rail fuel injection system;
- EGR (Exhaust Gas Recirculation) system plus DOC (Diesel Oxidation Catalyst) technology.

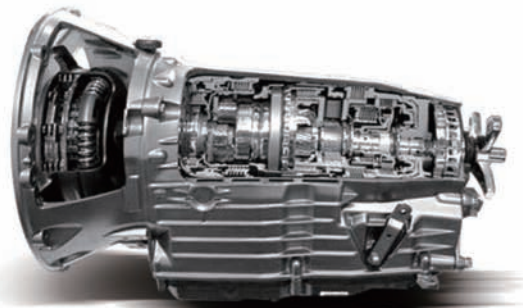
Fuel	Model	Technical Route	Displacement L	Power kW	Maximum Torque N·m	Emission
Gasoline	4G69	Multi-point EFI	2.4	100	200	Euro III- Euro IV



#### 4G69 Gasoline engine

- Adopt 12-hole particle fuel injector and EFI technology
- Exhaust system adopts dual tubular exhaust manifold with catalyst converter;
- Intake system adopts MIVEC (Mitsubishi Innovative Valve Timing Electronic Control) system, with 4 cylinders and 16 valves.

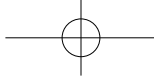
#### Power-train system



AISIN manual transmission



GETRAG manual transmission



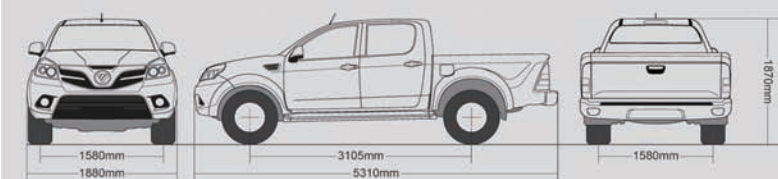
Category

Complete range

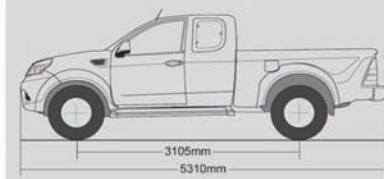
## Configuration selection

TUNLAND						
Grade	Off- Road			Comercial		
Drive type	4x4	4x2	4x2	4x2	4x2	
fuel	Gasoline	Gasoline	Gasoline	Gasoline	Diesel	
Grade	Standard	Standard	Standard	Standard	Standard	
Body type	Double Cabin	Double Cabin	Double Cabin	Single Cabin	Double Cabin	
<b>Specification</b>						
Whole vehicle main dimensions						
Overall dimensions (LxWxH)mm	5310x1880x1860	5310x1880x1860	5310x1800x1745	5310x1800x1715	5310x1800x1720	
Carriage internal dimensions (LxWxH) mm	1520x1580x440	1520x1580x440	1520x1580x440	2315x1580x440	1520x1580x440	
Wheel base (mm)	3105	3105	3105	3105	3105	
Weight data						
Gross vehicle weight(kg)	2820	2730	2740	2750	2590	
Curb weight(kg)	1820	1730	1690	1600	1790	
Load weight (kg)	1000	1000	1050	1150	800	
Persons in cab (persons)	5	5	5	2	5	
Power						
Engine	Model	4G69	4G69	4G69	4JB1	
	Fuel	gasoline	gasoline	gasoline	Diesel	
	Power(KW)	100	100	100	100	70/ 95
	Maximum Torque (N.m)	200	200	200	200	225
	Displacement(L)	2.378	2.378	2.378	2.378	2771
Emission Standard	Euro IV	Euro IV	Euro IV	Euro IV	Euro IV	
Transmission(Manul/Auto)	5MT	5MT	5MT	5MT	5 MT	
Passing Ability						
Min ground clearance(mm)	200	200	160	160	180	
Chassis						
Rear axle	Semi-floating axle	Semi-floating axle	Semi-floating axle	Semi-floating axle	Semi-floating axle	
Front suspension	Double-wishbone suspension, spiral spring, sway bar	Double-wishbone suspension, spiral spring, sway bar	Double-wishbone suspension, spiral spring, sway bar	Double-wishbone suspension, spiral spring, sway bar	Double-wishbone suspension, spiral spring, sway bar	
Rear suspension	Longitudinal leaf spring, non-independent suspension	Longitudinal leaf spring, non-independent suspension	Longitudinal leaf spring, non-independent suspension	Longitudinal leaf spring, non-independent suspension	Longitudinal leaf spring, non-independent suspension	
Steering system	hydraulic power steering	hydraulic power steering	hydraulic power steering	hydraulic power steering	hydraulic power steering	
Brake system	Brakes	Front disc,Rear drum	Front disc,Rear drum	Front disc,Rear drum	Front disc,Rear drum	
	Safety Device	ABS+EBD	ABS+EBD	ABS+EBD	ABS+EBD	
Tyre assembly	Tires	245/70R16	245/70R16	225/70R15	205/70R15	
	Wheels Rim	16 inch Aluminium rim	16 inch Aluminium rim	15 inch Steel rim	15 inch Steel rim	Steel

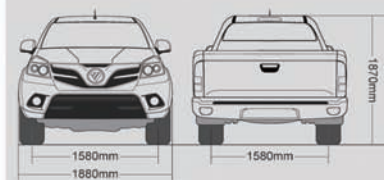
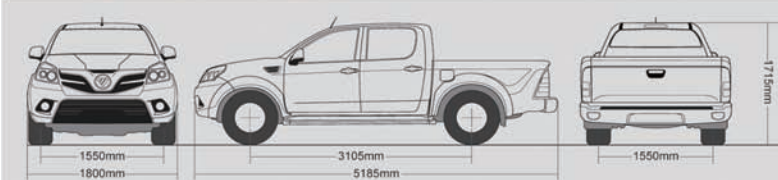
### Double Cab/4WD/H series

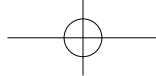


### Extra cab/2WD/H series



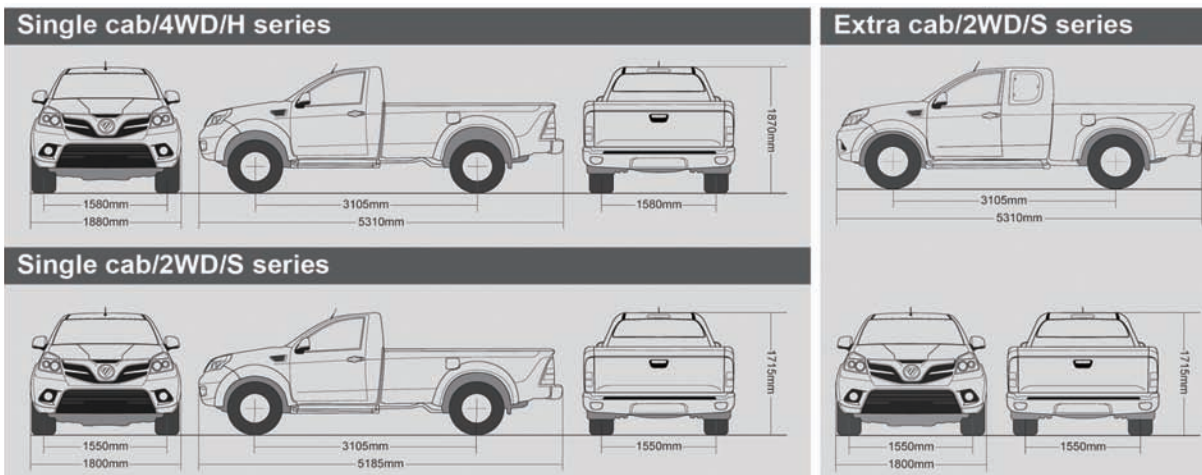
### Double Cab/4WD/S series

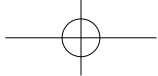




TUNLAND						
Grade		Off- Road		Comercial		
Drive type		4x4	4x2	4x2	4x2	4x2
fuel		Gasoline	Gasoline	Gasoline	Gasoline	Diesel
Grade		Standard	Standard	Standard	Standard	Standard
Body type		Double Cabin	Double Cabin	Double Cabin	Single Cabin	Double Cabin
<b>Body and Interior</b>						
Seats	Woven velvet	•	•	•	•	•
	Leather	x	x	x	x	x
Left foot rest pedal		•	•	•	•	•
Lights	Front lights	Halogen light bulbs	Halogen light bulbs	Halogen light bulbs	Halogen light bulbs	•
	High-mount brake lamp	•	•	•	x	•
	Front fog lamp	•	•	•	x	x
	Rear fog lamp	x	x	•	•	•
Rear- view mirror	Manual	x	x	•	•	•
	Outside Electric mirror	•	•	x	x	x
	Interior with anti-glare rear function	•	•	•	•	•
Lock	Central control lock	x	x	•	•	•
	Remote Central control lock	•	•	x	x	x
	Child safety lock	•	•	•	x	x
Windows	manual window	x	x	•	•	•
	Power window	•	•	x	x	x
Side step pedal		•	•	x	x	x
Rear bumper		•	•	•	•	•
Carriage pad		•	•	•	•	x
<b>Safety</b>						
Safety belts	Front(adjustable seat belt)	•	•	•	•	•
	Rear(3-points)	x	x	x	x	x
Airbag	Driver airbag	•	•	x	x	x
	Co-pilot airbag	•	•	x	x	x
<b>Electronic Devices</b>						
Air-condition		•	•	•	•	•
Clock		x	x	x	x	x
Radar		•	•	x	x	x
Audio equipment	Radio(AUX + USB)	•	•	•	•	•
	CD+Radio(AUX + USB)	•	•	x	x	x
	2 speakers	x	x	•	•	•
	4 speakers	•	•	x	x	x

Note: • available x unavailable





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