

## PRESS INFORMATION

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#### **SSANGYONG SHOWCASES ITS XAVL MID-SIZE SUV CONCEPT AT GENEVA**

- **Authentic SUV offers bold SUV styling with the practicality of an MPV**
- **'Robust and sensitive' design concept**
- **Signposting SsangYong's future design and product development direction**

#### **DEVELOPMENT CONCEPT**

SsangYong will unveil its XAVL concept – the eXciting Authentic Vehicle Long SUV - at the 2017 International Geneva Motor Show.

Based on the product development philosophy of Robust, Specialty and Premium, XAVL presents a tough, masculine looking and authentic SUV concept that pursues an emotional interface with its passengers, and indicating yet another strategic model to drive for future growth for the brand.

XAVL is a further iteration of the XAV-Adventure concept unveiled at the IAA Frankfurt in 2015, and blends advanced convenience and practicality with a user-friendly interface.

With seven independent seats and providing wide inner space, XAVL takes on a differentiated role for a mid-size SUV, by combining its real off-road capability with the versatility and practicality of a multi-purpose MPV.

In contrast to the tough, masculine exterior, a comfortable and sensitive ambiance is created for the interior, enhanced by a wide and contemporary space with sophisticated, subtle illumination. In addition, the smart user interface enables free communication between passengers, the car and home.

## **STYLING CONCEPT**

The XAVL concept is a mid-size SUV, and takes its inspiration from the second generation classic Korando of the 1990s. This contemporary interpretation of the original car is expected to find its way into production as an authentic off-road SUV in the near future.

The design of the XAVL embodies the concept of 'Dynamic Motion' inspired by the power and dynamism found in nature, as well as SsangYong's design philosophy of 'Nature-born 3Motion'. The brand's 'Robust Aesthetics' design language is expressed with dynamic and voluminous styling to engender a strong and masculine looking SUV.

### **Design characteristics**

#### **Exterior design**

The authentic SUV look of the XAVL is strong and dynamic, yet harmonised with sensitive and sophisticated detailing at the same time.

Dynamic character lines and an uprising volume towards the rear bumper creates a robust and powerful look, while the slim and wide front grille and the shoulder wing grille stretching out to the headlights completes the signature look SsangYong has introduced to its recent concepts.

By way of a contrast to the sleek bonnet and simple grill, the lower bumper creates a strong and purposeful image, informed by SsangYong's Robust Aesthetics design theme, while the black moulding flowing from the wheel arch and along the side to the rear bumper echoes the original Korando, and now adopted as a unique signature for the XAVL.

Graduated LED side lights front and rear create a rhythmical flow across the body, and especially enhance the shoulder wing design identity.

Front and rear fog lamps have been reinterpreted into a contemporised design from the side indicators of the original Korando, where they were a classic signature design cue.

The rear lamps are symmetrically located and integrated within a black component to achieve a simple yet solid look. The emphasised rear bumper highlights a 'rough, tough, go anywhere' look, and the black roof made of carbon material provides a further differentiated finish to this genuine SUV appearance.

## **Interior design**

As a contrast to the masculine and robust exterior, the interior affords a restrained and sensitive ambiance, yet still one of solidity. A long central line runs from the instrument panel out to the doors, helping to create an aura of spaciousness and modernity. A combination of coloured infinity lighting and a layered design to the dashboard and door panels produces a more reflective atmosphere, and matches the look of the feature style head lights and tail lamps, integrating inside and out. Stretch lines from the instrument binnacle to the doors and naturally flowing carbon shapes within the instrument area subtly express the scale of the XAVL.

The three rows of seats are in a two-three-two layout. The five seats comprising the second and third rows all fold and slide to maximise comfort and the use of space, while also affording the passenger/load carrying flexibility expected of both an SUV and MPV.

The colour palette chosen for the XAVL imbues a luxurious and refined atmosphere by reinterpreting the DNA of XAV concept. A dark and dignified brown colour is used throughout the interior, while Goenic fabric to the seats accentuates the overall design detailing.

The use of 'exclusive carbon' gives a voluminous look by using copper thread and mixed carbon, and is applied to the instrument panel and door panels.

## **TECHNOLOGY**

### **ENGINE**

XAVL offers the choice of a Euro 6d-Temp compliant 1.5 litre petrol or 1.6 litre diesel engine, and matched with the option of a 6-speed manual or automatic transmission, and with a 2WD system.

Power loss is minimised thanks to the electric power steering, while CO2 emissions are reduced via a stop/start system. The 1.6 litre diesel engine is aimed particularly at the European market, and achieves CO2 emission of 120~150g/km (2WD, MT/AT, with stop/start). The 1.5 litre petrol engine is intended for those markets that prefer a low- to mid-speed-centered driving performance and fuel efficiency, and gives CO2 emissions of 150~170g/km (2WD, MT/AT, with stop/start).

## **SAFE & SMART**

For drivers' convenience and safety, XAVL is equipped with a suite of new electronic safety aids. These include:

- AEBS (Advanced Emergency Breaking System). Using radar and laser scanning sensors at the front of the car and combined with a camera sensor located at the top of the windscreen, the AEBS system alerts the driver to any potential collision ahead, such as a stationary vehicle or pedestrian in the road. If the driver fails to respond to the danger, the system temporarily takes control of the brakes to help avoid an impact.
- HBA (High Beam Assistance) detects oncoming vehicles at night and lowers the high beam to prevent dazzling and maintain visibility for both drivers on a dark road.
- The Lane Keeping Assist System (LKAS) reduces the danger of an accident caused by drifting out of lane.
- Blind Spot Detection (BSD) and Lane Change Assist (LCA) help the driver monitor blind spots that aren't visible in the exterior mirrors to help prevent colliding with unseen objects, while the danger of a rear or side collision is minimised via the Rear Cross Traffic Alert (RCTA).

Safety is of prime concern to SsangYong, and the XAVL features an external airbag to provide increased protection to pedestrians, while passenger safety is further achieved through a central airbag between the driver and front seat passenger, as well as a driver's knee airbag to enhance driver safety.

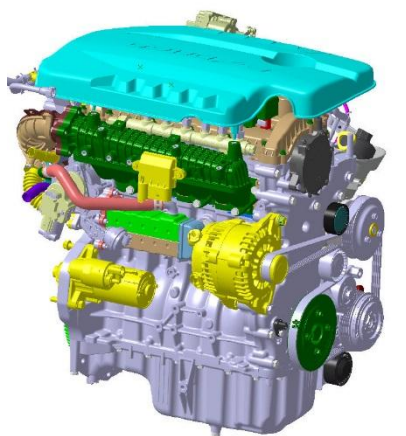
The car is also equipped with a Smart Parking Assist System which detects a parking area by using ultrasonic sensors, and automatically controls the steering wheel so that the driver can easily park by using only the gear stick and brake pedal.

XAVL provides a fully connected car service to create a passenger-oriented smart SUV. The 10.25 inch full colour LCD display offers the driver ease of use, while the wi-fi hotspot enables passengers in the second and third row of seats to use their electronic devices via a simple Internet connection. In addition, the car's navigation, heating, ventilation & air conditioning, and the infotainment system located in the head lining, can all be controlled from a smart phone, while Link to Home IOT (Internet of Things) technology allows occupants to connect with their home and manage CCTV, security, domestic equipment and temperature control.

## **TECHNICAL DATA**

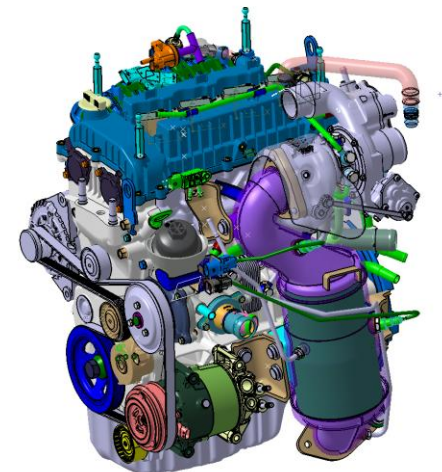
Model			XAVL			
Engine			D16DTFP		G15DTF	
Transmission			6MT	6AT	6MT	6AT
Dimension	Overall length	mm	4,630			
	Overall width	mm	1,866			
	Overall height	mm	1,640			
	Wheelbase	mm	2,775			
Engine	Liter	-	1.6		1.5	
	No. of cylinders	-	4		4	
	Power	ps	135		163	
	Torque	Nm	320		260	
Fuel Consumption	CO2 (combined)	g/km	120	150	150	166

### **\* Diesel 1.6L Engine**



Engine	D16DTFP
Displacement	1,597cc
Max. Power	135ps
Max. Torque	320Nm
Emission	EU 6d temp

### **\* Gasoline 1.5L Engine**



Engine	G15DTF
Displacement	1,497 cc
Max. Power	163 ps / 5,000~5,500 rpm
Max. Torque	260 Nm / 1,500~4,500 rpm
Emission	EU 6d temp / LEV3