



EXPERIENCE THE KIA

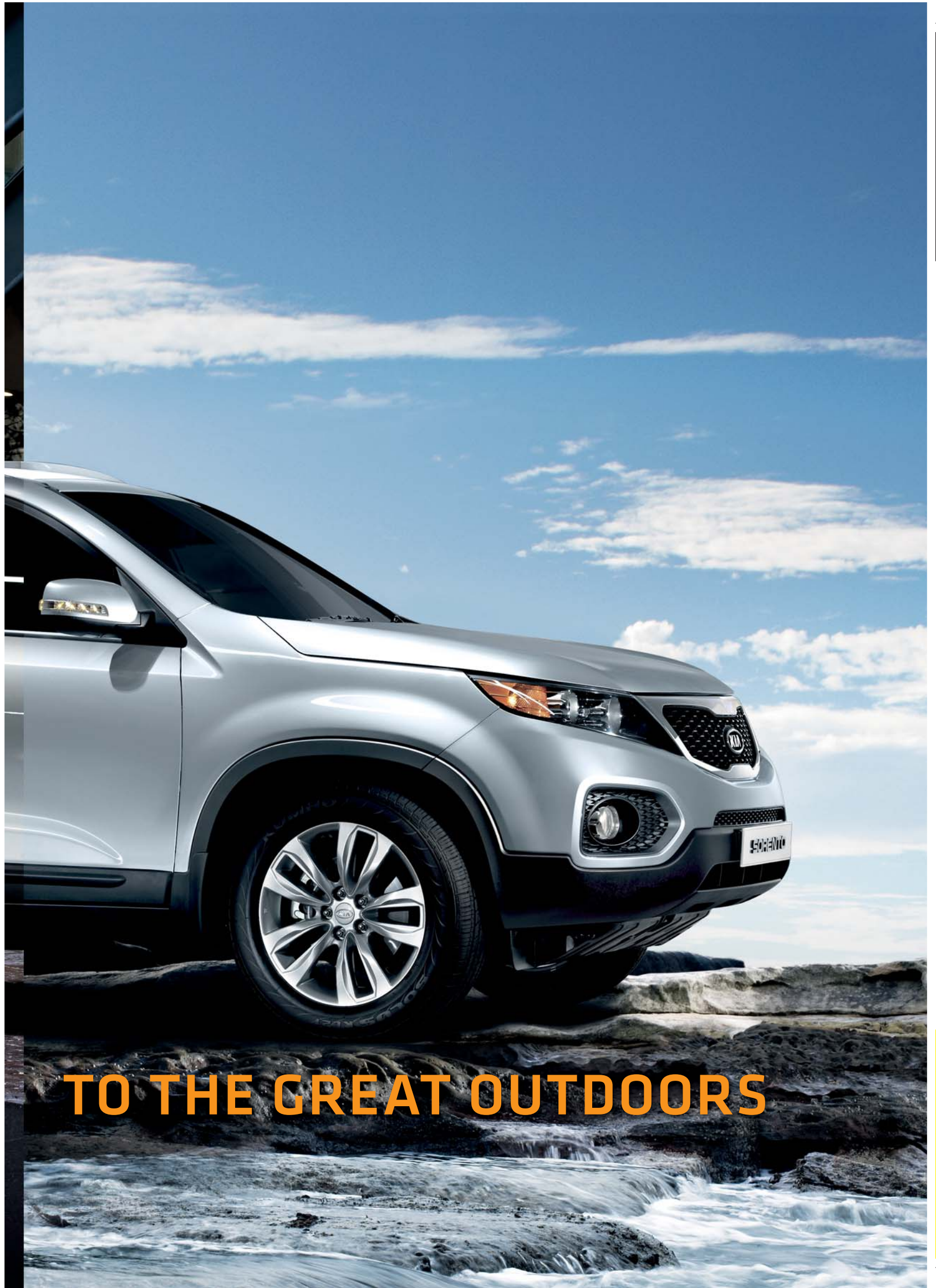
# SORENTO



**KIA MOTORS**

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# FROM THE BIG CITY

With its impressive on-road performance and its traditional off-road capabilities, the Sorento gives you the best of both worlds. This is an all-round SUV with a broad appeal due to its sophisticated comfort and style. This means it can handle the rough on the outside, but the inside boasts the smoothness and refinement of a world-class automobile.

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# SORENTO

# SPECIFICATIONS

DIMENSIONS EXTERIOR (mm)				
Overall length x width x height		4 685 x 1 885 x 1 710 (1 745 with roof rails)		
Wheelbase		2 700		
Wheel tread (front/rear)		1 618/1 621		
Curb weight (min) kg - 2WD: Diesel		1 720 (M/T), 1 750 (A/T)		
AWD: Diesel		1 760 (M/T), 1 810 (A/T)		
2WD: Petrol		1 695 (A/T)		
Overhang (front/rear)		945/1 040		
Minimum Ground Clearance		184		
Approach Angle/Departure Angle		25.1°/23.1°		
Ramp Brake Over Angle		17.1°		
Fuel Tank Capacity		70 litres		
Drag co-efficient		0.38		
CARGO CAPACITY				
Cargo space (l) (1st/2nd/3rd Row)		2 052/1 047/258		
Cargo space (mm) (after 2nd Row, length/width/height)		1 078/1 366/870		
TOWING CAPACITY (kg)				
Manual: Braked		2 200		
Unbraked		750		
Automatic: Braked		2 000		
Unbraked		750		
ENGINE		2.2 Diesel	3.5 Petrol	
Displacement (cc)		2 199	3 470	
Bore x stroke (mm)		85.4 x 96	92 x 87	
Compression ratio		16	10.6	
Max power (kW/rpm)		146.9/3 800	206.6/6 300	
Max torque (Nm/rpm) - M/T		421.7/1 800-2 500	-	
- A/T		436.4/1 800-2 500	335.4/5 000	
Valve System		16 Valve HLA	24 Valve MLA	
TRANSMISSION		2.2 Diesel M/T	2.2 Diesel A/T	3.5 Petrol A/T
Transmission		6-Speed	6-Speed	6-Speed
Gear ratios	1st	3.538	4.212	4.651
	2nd	1.909	2.637	2.831
	3rd	1.179	1.8	1.842
	4th	0.814	1.386	1.386
	5th	0.737	1	1
	6th	0.628	0.772	0.772
	Reverse	3.91	3.385	3.393
Final gear ratio		4.750/4.071	3.913	3.195
STEERING				
Type		Hydraulic Power Assisted, Rack & Pinion		
		Height, Tilt and Telescopic Adjustable		
BRAKES				
Front brakes		17" Disc with tandem booster		
Rear brakes		16" Disc with tandem booster		
SUSPENSION				
Front		MacPherson Strut		
Rear		Multi-Link Type Suspension		
WHEELS & TYRES		5-seater	7-seater	
Alloy wheels		7.0J x 17"	7.0J x 18"	
Tyres		235/65R17	235/60R18	
SAFETY				
• ABS (Anti-lock Braking System)		• DBC (Downhill Brake Control)		• HAC (Hill-start Assist Control)
• Active Headrests (dual front)		• EBD (Electronic Brake-force Distribution)		• ROP (Roll Over Protection)
• Airbags (dual front, side & full-length curtain)		• ESC (Electronic Stability Control)		• TCS (Traction Control System)
• BAS (Brake Assist System)		• Fog Lamps (front & rear)		
MODEL		2.2 Diesel 2WD	2.2 Diesel AWD	3.5 Petrol 2WD
Transmission		Manual & Automatic	Manual & Automatic	Automatic
Seating Configuration		5-seater	5 & 7-seater	5 & 7-seater
FEATURES		5-seater	7-seater	
Auto light control		x	x	
Bluetooth		x	x	
Climate control		x	x	
Cruise control		x	x	
Electric chromic mirror		x	x	
Front and rear fog lights		x	x	
ISOFIX child seat anchors		x	x	
Leather seats		x	x	
Radio/CD front loader, MP3 and iPod/USB connectivity		Single CD	CD changer	
Rear parking assist system		x	x	
Remote steering controls		x	x	
Roof rack		x	x	
Automatic headlight levelling			x	
Heated front seats			x	
Ventilated front seat (driver)			x	
Rear view camera			x	
Self levelling suspension			x	
Start/stop button with Smart Key (A/T model only)			x	
Subwoofer and amplifier			x	
Washer fluid level sensor			x	
Xenon headlamps			x	
OPTIONAL ACCESSORIES				
• Metallic Paint		• Tow-bar KK253LB		• Nudge-bar K90067
• Side Step K90068		• Panoramic Sunroof on the 7-seater		



Clear White



Bright Silver



Titanium Silver



Ebony Black



Muscle Beige



Metal Bronze



18" Alloy Wheels



17" Alloy Wheels

5-year/100 000km Warranty • 5-year/100 000km Maintenance Plan • 3-year/Unlimited Roadside Assistance

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## THE POWER TO SURPRISE™

Kia Motors Corporation - a maker of quality vehicles for the young-at-heart - was founded in 1944 and is Korea's oldest manufacturer of motor vehicles. Over 2.1 million vehicles a year are produced in 13 manufacturing and assembly operations in eight countries which are then sold and serviced through a network of distributors and dealers covering 172 countries. Kia has over 44 000 employees worldwide and annual revenues of over US\$20 billion. It is the major sponsor of the Australian Open and an official automotive partner of FIFA - the governing body of the FIFA World Cup™. Kia Motors Corporation's brand slogan - "The Power to Surprise™" - represents the company's global commitment to surpassing customer expectations through continuous automotive innovation.



## DESIGN CONCEPT

"The Sorento is based on Kia's design DNA and design philosophy: The simplicity of a straight line. The shape of the all-new Sorento is pure and modern - almost like being carved out of a solid block. At the front, you will find the most powerful interpretation of our new Kia family face. Our signature grille in combination with huge air intakes and the slim wrap-around headlights creates the remarkable face of the Sorento. A face that enables this modern, dynamic SUV to 'stand out from the crowd'. The Sorento adopts simple, linear lines to create a powerful yet polished appearance." - Peter Schreyer: Chief Design Officer, KIA Motors Corporation

## ecoDynamics

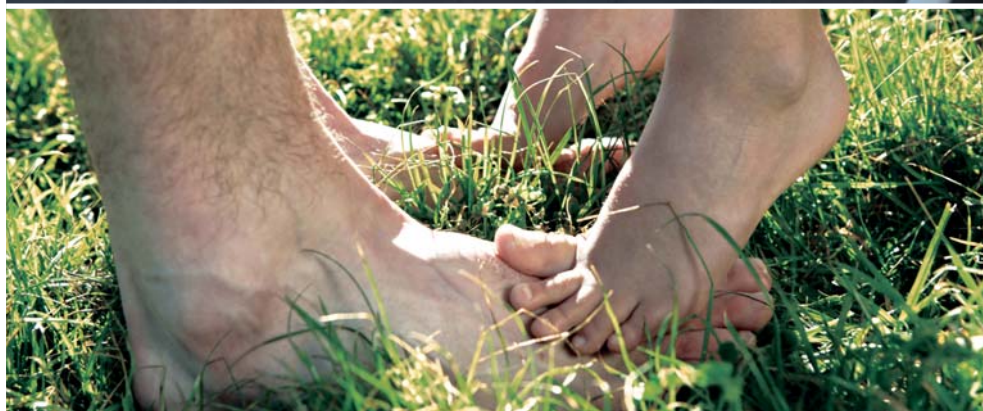
So you value sustainable living? We do too. That's why we take pride in rising to meet the expectations and challenges of the 21st century while making tangible contributions to the preservation of the environment and sustainable development of society. Kia is actively developing state-of-the-art eco-friendly vehicles for future commercialisation, meeting prevailing consumer demand for fuel-efficient and compact vehicles. Kia's new EcoDynamics brand, which refers to the most eco-friendly vehicles within each Kia model range, has recently been introduced with innovative fuel-stretching and emissions-cutting technologies. Kia's first commercially sold hybrid, the Cerato LPG Hybrid, was introduced into the Korean market in July 2009. The new Sorento Hybrid, designed for testing, is powered by an all-new powertrain with Kia's new U2 1.6 litre diesel engine fitted with twin turbo-chargers to generate more than 120kW of power. The Eco Dynamics vehicles will feature Idle Stop & Go (ISG) technology to automatically switch off the engine when stationary and then restart, thereby reducing CO<sub>2</sub> emissions by 119g/km and fuel consumption by up to 15%.





## EXTERIOR STYLING

The Sorento brings sleek styling and substance to the world of the urban SUV. The Sorento's unique front mask is both futuristic and robust - from the linear design of the grille and headlights to the mesh-type fog lamps, with its aggressive wide bumper. The side profile of the Sorento is stylish with eye-catching side mouldings and dynamic wheel arches. The side character line has been lowered to create a "flying wing" side moulding for a sporty and aerodynamic shape. Various design applications like the extended rear window and large rear lights give the Sorento a wider appearance and a highly functional and full-bodied look. The Sorento comes standard with either 17-inch alloy wheels on the 5-seater package or 18-inch alloy wheels on the 7-seater package, both designs portraying a large appearance and sporty posture. The enhanced size of both the tailgate and rear ensure better visibility, promote stability and project a powerful stance.



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## INTERIOR

Retaining the luxury exuded in most SUVs, the Sorento's driver space is an area of high functionality and sophistication with its thoroughly modern, futuristic and stylish trimmings. The familiar Kia-style Supervision Cluster is complemented by 3D effects and illumination. The high-tech centre fascia features Kia's Design Identity - an ergonomic layout and sporty illumination of the audio character line. The parallel arrangement of the gear lever and cup holders creates more space, especially in the console. Extending in a linear fashion from the crash pad, the door trim features an elegant grip handle and overall finish.

The Sorento features a **Start/Stop Button with Smart Key\*** on the automatic model, which releases the steering lock and activates the ignition electronically without inserting the key when pressed. As a safety precaution the key must be in the vehicle to start the engine. The multimedia capabilities of the Sorento include a high-tech audio system (subwoofer/amplifier on 7-seater), with audio remote controls (with Bluetooth), and MP3/iPod/USB connectivity. The Sorento features a fully automatic dual climate control system with built-in air filter, reducing harmful radicals and odours as well as cruise control.



Engine Start/Stop Button  
(Automatic only)\*



Rear View Camera\*

Interior trim is standard with black one-tone leather seats, except for the Muscle Beige exterior colour, which is fitted with a Splendour Beige two-tone interior. Further convenience is offered with the choice of a 5-seater or 7-seater. The 5-seater layout allows for more cargo space, while the 7-seater layout is competitively spacious while accommodating more passengers and interior arrangements. The driver's power seat allows for customised mobility with a power lever that allows one-touch 8-way seating adjustments. Even more attention to detail is given to the 7-seater through its heated front seats, driver seat ventilation and driver pedals finished with aluminium trim.

The 7-seater package features a **Self Levelling Suspension System**, which allows the vehicle height to be adjusted depending on the number of passengers and luggage weight to improve stability whilst driving. New high-performance dampers minimise body vibration and booming to give you a more luxurious ride than ever before. A **Rear Parking Assist System (RPAS)** and a **Rear View Camera\*** protect against accidents when reversing.



5-seater



7-seater

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## PERFORMANCE

With a choice of either manual or automatic transmission on the diesel models and automatic transmission only on the petrol model, the Sorento caters for all lifestyles and driving needs. The Sorento is available in either a 2.2 litre diesel engine featuring an E-VGT (Electrical Variable Geometry Turbocharger), or a 3.5 litre V6 petrol engine featuring CVVT (Continuous Variable Valve Timing), both for better acceleration and fuel efficiency. The 2.2 litre diesel engine is a third generation common rail direct injection system that provides optimised control of the amount and timing of fuel injection through the ECU into the combustion engine chambers based on engine and driving conditions, thereby minimising gas emissions and resulting in high power and less noise.



2.2 litre Diesel Engine



6-speed M/T



6-speed A/T

As a result of the lighter weight, low compression ratio and advanced Piezio injector, this enhanced engine offers higher fuel injection equipment pressure (1 600-1 800 bar), increased power output, and better fuel economy. The 2.2 litre diesel engine produces 146.9kW of power @ 3 800rpm and a torque of 421.7Nm @ 1 800-2 500rpm for the manual transmission and 436.4Nm @ 1 800-2 500rpm for the automatic transmission, whilst complying with Euro4 emission standards. The 3.5 litre petrol engine produces 206.6kW of power @ 6 300rpm and a torque of 335.4Nm @ 5 000rpm.

The Sorento features a 6-speed gearbox for excellent acceleration, higher torque capacity and smooth, fuel-efficient gear changes. Driving performance is further optimised by actively distributing the driving force to front and rear wheels depending on road and driving conditions with the electronic AWD system.\*

\*Selected 2.2 diesel models only

## SAFETY

The Sorento's active safety devices feature the latest in steering and braking technology, while drivers can enjoy peace of mind with the high-tech passive safety equipment. The **Electronic Stability Control (ESC)** system is fully automatic and improves stability under heavy braking, restores directional control during potential skids, enhances grip in wet conditions and ensures superior traction during hard acceleration. **Downhill Brake Control (DBC)** is an advanced supplement to the ESC system, keeping the vehicle at a constant speed when braking downhill. **Hill-start Assist Control (HAC)** works with the ESC system to prevent rollback when the brakes are initiated while driving uphill.



For maximum stopping power, the Sorento is equipped with an All-Disc Braking System that has been made more effective with an **Anti-lock Braking System (ABS)** and **Electronic Brake-force Distribution (EBD)**. With a 6-airbag system, consisting of dual front, side and full-length curtain airbags, complemented by Active Headrests, everyone in the Sorento is protected. The **Active Headrests** automatically cradle the head in the event of a collision to prevent or minimise whiplash injury. **ISOFIX** child seat anchors on all models give additional peace of mind to young families.

Hill-start Assist Control



Hill-start Assist Control prevents rollback when the brakes are initiated while driving uphill.

Downhill Brake Control



Downhill Brake Control keeps the vehicle at a constant speed when braking downhill.