



# SORENTO 2016

EXTERIOR FEATURES	EX	Platinum	Platinum A/T
17" Alloy Wheels (235/65 R17)	X	X	-
18" Alloy Wheels (235/60 R18)	-	-	X
Electric Parking Brake	-	-	X
Dark Metallic Front Grille Surround	X	X	X
Body Coloured Bumpers	X	X	X
Chrome Exterior Door Handles	X	X	X
Body Coloured Door Mirrors	X	X	X
Silver Paint Skid Plate	X	X	X
Roof Rails	X	X	X
Rear Spoiler	X	X	X
Tinted Glass	X	X	X
Privacy Glass (Rear Windows and Tailgate)	X	X	X
Panoramic Sunroof (except Platinum 4x2 M/T)	-	X	X
Projection Headlights	X	-	-
Headlight Levelling Device	X	-	-
Xenon Lights with Auto Leveling (except Platinum 4x2 M/T)	-	X	X
Cornering Lights	X	X	X
Automatic Light Control	X	X	X
Front Headlight Washers	-	X	X
Front and Rear Fog Lights	X	X	X
LED Daytime Running Lights	X	X	X
LED Rear Combination Lights	-	X	X
LED High-mounted Brake Light	X	X	X
Speed Variable Front Wipers	X	X	X
AeroBlade-type Front Wipers	X	X	X
Rain Sensing Front Wipers	X	X	X
Front Wiper De-icer	X	X	X
Wide-view Driver's Door Mirror	X	X	X
Electronically Folding, Adjustable & Heated Door Mirrors	X	X	X
Heated Rear Windscreen with Wiper	X	X	X



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INTERIOR FEATURES	EX	Platinum	Platinum A/T
Seats	5	7	7
Black Cloth Upholstery	X	-	-
Black and Beige Two Tone Leather Upholstery	-	X	X
Sliding & Reclining Front Seats	X	X	X
Driver's Seat Height Adjuster	X	X	X
8-way Power Adjustable Driver's Seat	-	X	X
Heated Front Seats	-	X	X
2nd Rear Heated Seats	-	X	X
Tilt & Telescopic Steering Wheel Adjustment	X	X	X
Leather Trimmed Steering Wheel	X	X	X
Heated Steering Wheel	-	X	X
Leather Trimmed Gearshift	X	X	X
Metallic Finish Interior Door Handles	X	X	X
Interior Chrome Finish Accents Rings	X	X	X
Centre Console Armrest	X	X	X
Rear Centre Armrest	X	X	X
Door Scuff Plates	X	-	-
Aluminium Door Scuff Plates with Front Illumination	-	X	X
Dual Automatic Air Conditioning with Ioniser	X	X	X
Rear Air Ventilation	X	X	X
Air Filter	X	X	X
Steering Wheel Mounted Controls	X	X	X
Cruise Control	X	X	X
Auto-dimming Rear-view Mirror	X	X	X
Cloth Wrapped Sunvisors with Vanity Mirrors & Ticket Hold	X	X	X
Vanity Mirror Illumination	X	X	X
Remote Central Door Locking with Fold-away Key	X	X	X
7 Seats	-	X	X
Reclining & Folding 2nd Row Seats	X	X	X
60:40 Split Folding 2nd Row Seats	X	X	X
50:50 Split Flat-Folding 3rd Row Seats	X	X	X
3 x Passenger Assist Grips	X	X	X
Front & Rear (2nd row) 12V Power Sockets	X	X	X
Centre Console Cupholders	X	X	X
Rear Cupholders in Rear Armrest	X	X	X
Glovebox with Illumination	X	X	X



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INTERIOR FEATURES (Con't)	EX	Platinum	Platinum A/T
Front Seatback Pockets	X	X	X
Front & Rear Door Storage	X	X	X
Centre Console Storage Box	X	X	X
Dash Illumination Dimmer Switch (Rheostat)	X	X	X
Ambient Lighting (Front Centre Console & Door Trims)	-	X	X
Ignition Keyhole Illumination	X	X	X
Centre Cabin Light	X	X	X
Front Cabin Map Light	X	X	X
Front Door Courtesy Reflectors	X	X	X
Full-size Alloy Spare Wheel	X	X	X
Luggage Area Light	X	X	X
Luggage Area Load Cover	X	X	X
Luggage Net Hooks	X	X	X
AUDIO FEATURES			
USB & AUX Ports for Connection of an Audio Media Device	X	X	X
Bluetooth®	X	X	X
7" Touchscreen Satellite Navigation	X	X	X
Reversing Sensors	X	X	X
Reversing Camera System (Integrated into 7" Audio Screen)	X	X	X
LCD DOT 3.5" Cluster	X	-	-
TFT LCD Full 7" Cluster	-	X	X
Trip Computer	X	X	X



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SAFETY & SECURITY FEATURES	EX	Platinum	Platinum A/T
Electronic Stability Control (ESC) & Vehicle Stability Management (VSM)	X	X	X
ABS with Electronic Brake Assist System (BAS)	X	X	X
Emergency Stop Signalling	X	X	X
Hill-start Assist Control (HAC)	X	X	X
Intelligent All-Wheel Drive	X	X	X
Trailer Stability Assist	X	X	X
Motor Driven Power Steering	X	X	X
Active Hood System	X	X	X
Twin Front Airbags	X	X	X
Front Passenger Airbag Cut-off Switch	X	X	X
Twin Side Airbags (Front)	X	X	X
Twin Curtain Airbags with Rollover Sensor	X	X	X
Front Active Head Rests	X	X	X
All-round Height Adjustable Head Rests	X	X	X
ISOFIX Child Seat Top Tethers & Anchor Fixings	X	X	X
All-round 3-point Seatbelts	X	X	X
Front Seatbelt Height Adjusters	X	X	X
Front Seatbelt Pre-tensioners & Load-limiters	X	X	X
Impact Sensing Auto Door Unlocking	X	X	X
Advanced Anti-Theft Alarm System	X	X	X
Engine Immobiliser	X	X	X
Door Deadlocks	X	X	X
Interior Door Lock/Unlock Function	X	X	X
Child Safety Rear Door Locks	X	X	X
Speed Sensing Auto Door Locking (Dealer-activated Feature)	X	X	X
Visible Vehicle Identification Number (VIN)	X	X	X



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ENGINE		
General	Displacement (cc)	2,199
	Bore x Stroke (mm)	85.4 x 96.0
	Compression ratio	16.0
	Max. power (ps @ rpm)	200@3800 (Euro-4,5,6) 193@4000 (Euro-2,3)
	Max. torque (kg.m @ rpm)	45.0 @ 1,750~2,750
Ignition system		Compression Ignition
Valve system		16-Valve HLA
Fuel system		TCI (Turbo Charged Intercooler)
Emission control system		Euro 6: LNT+DPF Euro 5: DOC+DPF Euro 4/3/2 : DOC
Electric system	Battery (AH)(K4, K9)	90AH AGM (@ 20HR)
	(K2, K3, K5, KB)	90AH (@ 20HR)
	Alternator	13.5V 150A
	Starter	12V 2.0KW
Lubricant oil capacity (liter)		6.30
Cooling capacity (liter) - (Engine Only)		4.80 (Euro-4,5,6) 4.60 (Euro-2,3)
TRANSMISSION		
		2.2 Diesel MT
		2.2 Diesel AT
		2WD / 4WD
		4WD
Drive Type		2WD / 4WD. Please note 2WD available on Platinum trim only
Permissible. torque (kg.m)		44.0
		47.0
4WD System		Active On-Demand 4WD
General		6-Speed Transaxle
Gear ratio	1st	3.538
	2nd	1.909
	3rd	1.179
	4th	0.814
	5th	0.737
	6th	0.628
	Reverse	3.910
Final gear ratio		4.750 (1-4) 4.071 (5, 6, R)
Clutch Type		Dry Single Plate with Diaphragm Spring Type
		Torque Converter
Lubricant oil capacity (liter)		1.8
		8.3



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## STEERING WHEEL

Type	Motor Driven Power Steering (Standard: Column Type, Option: Rack Type)
Overall steering gear ratio	14.40 (2WD) / 14.43 (4WD) (@Full Turn)
Steering wheel turn (lock to lock)	2.87
Minimum turning radius (m)	5.53 (2WD) / 5.54 (4WD)

## BRAKES

Front brake size	Φ320 × 28t	
Rear brake size	General: 305Φ × 11t / Europe: 314Φ × 18t	
Vacuum Booster	Diameter (°)	General: 282.9 (Max), Single Type / Europe: 261.2 (Max), Tandem Type
	Booster ratio	General: 10:1 / Europe: 9:1
Master Cylinder	Type	Tandem / Fixed Seal Type
	Diameter (°)	General: Φ22.22 / Europe: Φ25.4

## WEIGHT

		2.2 Diesel MT	2.2 Diesel AT
		2WD / 4WD	4WD
Standard Curb weight (kg)	Maximum	1,799 / 1,857	1,878
	Minimum	1,763 / 1,821	1,842
Gross vehicle weight (kg)		2,510	2,510
Trailer weight (kg) Braked		2,500	2,000
Trailer weight (kg) Unbraked		750	750

## CARGO CAPACITY

Cargo space (l) (SAE 1st/2nd/3rd row)	5P: 2,082 / 1,099 7P: 2,066 / 1,077 / 320
Cargo space (l) (VDA 1st/2nd/3rd row)	5P: 1,732 / 660 7P: 1,662 / 605 / 142
Cargo space (mm) (After 2nd row, L, W, H)	5P: 1,167 / 1,370 / 855 7P: 1,167 / 1,342 / 855

## DIMENSION

Exterior	Length / Width / Height	4,780 / 1,890 / 1,680 (CVW, Normal & Sunroof) 4,780 / 1,890 / 1,685 (CVW, w/ Roof Rack)
	Wheel base	2780
	Wheel tread (Front/Rear)	17" Wheels: 1,633 / 1,644 18",19" Wheels: 1,628 / 1,639
	Over hang (Front/Rear)	945 / 1,055
Interior	Leg room (1st/2nd/3rd row)	1,048 / 1,000 / 805
	Head room (1st/2nd/3rd row)	Normal: 1,004 / 998 / 920 Panorama: 965 / 969 / 920
	Shoulder room (1st/2nd/3rd row)	1,500 / 1,472 / 1,342
	Hip room (1st/2nd/3rd row)	1,439 / 1,433 / 1,051
Minimum ground clearance (mm)		185 (CVW)
Approach angle / Departure angle (°)		16.9 / 21.0 (CVW)
Ramp brake over angle (°)		18 (CVW)



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DYNAMIC PERFORMANCE		2.2 Diesel MT	2.2 Diesel AT
		2WD / 4WD	4WD
Max speed (kph)		203	203
Acceleration performance (sec)	0 – 100kph	8.7 / 9.0	9.6
	60 – 100kph	6.2 / 6.4	5.0
	80 – 120kph	8.7 / 8.9	6.6
	Reach to 400m	16.0 / 16.2	16.8
Brake	100 – 0kph (m) (AMS Mode)	35m	
FUEL CONSUMPTION		2.2 Diesel MT	2.2 Diesel AT
		2WD / 4WD	4WD
Fuel economy (17" wheels)	Urban (liter/100km)	6.9	
	Extra Urban (liter/100km)	4.9	
	Combined (liter/100km)	5.7	
CO <sub>2</sub> (17" wheels)	Urban (g/km)	181	
	Extra Urban (g/km)	130	
	Combined (g/km)	149	
Fuel economy (18" wheels)	Urban (liter/100km)		7.8
	Extra Urban (liter/100km)		5.9
	Combined (liter/100km)		6.6
CO <sub>2</sub> (18" wheels)	Urban (g/km)		204
	Extra Urban (g/km)		154
	Combined (g/km)		174

\* Euro 6

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Please note that whilst every care has been taken to ensure that these specifications are current and correct, occasionally specification changes occur that may not be reflected in this document. Please check in the showroom and with your dealer that your chosen model has your required specification.