

# Hyundai Santa Fe.

## Specifications.



Engine	3.5 MPI 2WD	2.2 CRDi AWD
Engine family	Lambda II	R series
Configuration	Transverse front mounted driving front wheels	Transverse front mounted driving front and rear wheels
Cylinder capacity	3.5 litres (3470 cc)	2.2 litres (2199 cc)
Number of cylinders	6 v-configuration	4 in-line
Valve system	24 Valve (MLA)	16 Valve (HLA)
Intake System	3-step variable induction system	Electronic Control Variable Geometry Turbocharger (E-VGT)
Maximum power	206 kW @ 6,300 RPM	147 kW @ 3,800 RPM
Maximum torque	336 Nm @ 5,000 RPM	440 Nm @ 1,750-2,750 RPM
Fuel system	Multi Point injection (MPI)	Common Rail Direct injection (CRDi)
Fuel type	91 RON (ULP), E10 compatible	Diesel
Emissions standard	Euro 5	Euro 5
Bore x stroke	92.0 mm x 87.0 mm	85.4 mm x 96.0 mm
Compression ratio	10.6:1	16:1
Transmission	3.5 MPI 2WD	2.2 CRDi AWD
All Wheel Drive (AWD) System	-	Active on-demand 4WD with 50/50 front & rear lock mode
Automatic	8 speed automatic	8 speed automatic
Gear ratio	Automatic	Automatic
1st	4.808	4.808
2nd	2.901	2.901
3rd	1.864	1.864
4th	1.424	1.424
5th	1.219	1.219
6th	1.000	1.000
7th	0.799	0.799
8th	0.648	0.648
Reverse	3.425	3.425
Final	3.510	3.320
Engine/transmission availability	3.5 MPI 2WD	2.2 CRDi AWD
	Automatic	Automatic
Active	•	•
Active X	•	•
Elite	•	•
Highlander	•	•
Steering	3.5 MPI 2WD	2.2 CRDi AWD
Type	Rack mounted Motor Driven Power Steering (R-MDPS), rack & pinion	
Minimum turning circle diameter between kerbs / walls	11.42 m	
Number of steering wheel turns lock to lock	2.53	
Suspension	3.5 MPI 2WD	2.2 CRDi AWD
Front	MacPherson strut	
Rear	Multi-link	
Brakes	3.5 MPI 2WD	2.2 CRDi AWD
	Automatic	Automatic
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)	
Front brake type	Ventilated disc	
Front disc dimensions	320 mm x 29 mm	
Rear brake type	Solid disc	
Rear disc dimensions	305 mm x 11 mm	
Weight	3.5 MPI 2WD	2.2 CRDi AWD
	Automatic	Automatic
Kerb weight - lightest	1720 kg	1870 kg
Kerb weight - heaviest	1845 kg	1995 kg
Gross Vehicle Mass (GVM)	2510 kg	2630 kg
Permissible Axle Weight (PAW) - front	1300 kg	1300 kg
Permissible Axle Weight (PAW) - rear	1395 kg	1395 kg
Roof rack load limit	100 kg	100 kg

Towing capacity	3.5 MPI 2WD		2.2 CRDi AWD	
	Automatic		Automatic	
Braked	2000 kg		2000 kg	
Unbraked	750 kg		750 kg	
Maximum towball weight (with genuine Hyundai accessory assist kit)	100 kg (150 kg)		100 kg (150 kg)	
Fuel consumption*	3.5 MPI 2WD		2.2 CRDi AWD	
	Automatic		Automatic	
Combined (L/100km)	10.6		7.5	
Urban (L/100km)	14.8		9.9	
Extra Urban (L/100km)	8.2		6.2	
CO2 - combined (g/km)	249		198	
Fuel tank volume	71 L			
*Source: Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world fuel consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.				
Dimensions	Active	Active X	Elite	Highlander
Exterior				
Length	4770 mm			
Width	1890 mm			
Height (with roof rails)	1680 mm (1705 mm)			
Wheelbase	2765 mm			
Wheel track - front / rear	1643mm / 1652mm	1638mm / 1647mm	1638mm / 1647mm	1635mm / 1644mm
Minimum ground clearance (based on kerb weight)	185 mm	185 mm	185 mm	185 mm
Approach / departure / ramp break over angle	18.5° / 21.2° / 20.7°			
Interior				
Head room front / centre / rear (w/ sunroof)	1016 / 995 / 917 mm (974 / 963 / 917 mm)			
Leg room front / centre / rear	1048 - 1120 / 1001 / 746 mm			
Shoulder room front / centre / rear	1500 / 1480 / 1344 mm			
Hip room front / centre / rear	1460 / 1430 / 1568 mm			
Cargo area - VDA (minimum / maximum)	547 / 1625 Litres			
Wheels & tyres	Active	Active X	Elite	Highlander
Wheel type	Alloy	Alloy	Alloy	Alloy
Wheel dimensions	17 x 7.0J +47	18 x 7.5J +49.5	18 x 7.5J +49.5	19 x 8.0J +51
Tyre dimensions	235/65 R17 104H	235/60 R18 107V	235/60 R18 107V	235/55 R19 101V (Continental ContiSportContact™ 5)
Spare wheel type	Full size alloy	Full size alloy	Full size alloy	Full size alloy
Driving convenience	Active	Active X	Elite	Highlander
Electronic Parking Brake (EPB) (with auto hold function)	•	•	•	•
Integrated Memory System (IMS) - driver's seat	-	-	-	•
One touch turn signal - 3, 5, or 7 flashes	•	•	•	•
Rain sensing wipers	-	•	•	•
Rear wiper - 2-stage, with auto wipe on reverse	•	•	•	•
Smart Key with push button start	-	•	•	•
Steering wheel mounted controls - audio, phone, cruise control & trip computer	•	•	•	•
Tilt & telescopic steering column	•	•	•	•
Driving engagement	Active	Active X	Elite	Highlander
Drive Mode - 4 settings (Comfort, Eco, Sport, Smart)	•	•	•	•
Paddle shifters	-	-	•	•
Active safety	Active	Active X	Elite	Highlander
Electronic Stability Control (ESC) including;				
Anti-lock Braking System (ABS)	•	•	•	•
Brake Assist System (BAS)	•	•	•	•
Electronic Brakeforce Distribution (EBD)	•	•	•	•
Downhill Brake Control (DBC)	•	•	•	•
Hill-start Assist Control (HAC)	•	•	•	•
Traction Control System (TCS)	•	•	•	•
Vehicle Stability Management (VSM)	•	•	•	•

Active safety	Active	Active X	Elite	Highlander
Hyundai SmartSense™ including;				
Advanced Smart Parking Assist System (ASPAS)	-	-	-	•
Blind-Spot Collision-Avoidance Assist - Rear (BCA-R)	•	•	•	•
Driver Attention Warning (DAW)	•	•	•	•
Forward Collision-Avoidance Assist (FCA) - City/Urban/Interurban/Pedestrian/ Cyclist (camera & radar)	•	•	•	•
High Beam Assist (HBA)	•	•	•	•
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)	•	•	•	•
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)	•	•	•	•
Rear Occupant Alert (ROA)	•	•	-	-
Rear Occupant Alert (ROA) - Advanced	-	-	•	•
Safe Exit Assist (SEA)	-	-	•	•
Smart Cruise Control (SCC) with Stop & Go	•	•	•	•
Surround View Monitor (SVM)	-	-	-	•
Other features				
Emergency Stop Signal (ESS)	•	•	•	•
Parking Distance Warning-Front (PDW-F) - 4 sensors, with guidance display	-	•	•	-
Parking Distance Warning-Reverse (PDW-R) - 4 sensors, with guidance display	•	•	•	-
Parking Distance Warning-Front (PDW-F) - 6 sensors, with guidance display	-	-	-	•
Parking Distance Warning-Reverse (PDW-R) - 6 sensors, with guidance display	-	-	-	•
Rear view camera with dynamic guide lines	•	•	•	•
Speed limiter	•	•	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•	•	•
Passive safety	Active	Active X	Elite	Highlander
Airbags				
Front airbags - driver & front passenger	•	•	•	•
Side (thorax) airbags - driver & front passenger	•	•	•	•
Side curtain airbags - 1st & 2nd rows	•	•	•	•
Roll-over Sensor	•	•	•	•
Doors				
Impact sensing auto door unlock	•	•	•	•
Rear door child safety locks	•	•	-	-
Electronic child safety lock system	-	-	•	•
Seatbelts				
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•	•	•	•
Pretensioners & load limiters on rear (outboard) seat belts - 2nd row	•	•	•	•
Seat belt reminder - front & rear seatbelts	•	•	•	•
Seat belt holder - 2nd & 3rd rows	•	•	•	•
Seating				
Height adjustable front head restraints with tilt function	•	•	•	•
Height adjustable rear head restraints	•	•	•	•
ISOFIX child restraint anchors (rear outboard seats) - 2nd row	•	•	•	•
Top tether child restraint anchors (rear) - 3 anchors - 2nd row	•	•	•	•
Smart one touch flat folding (switch operated) - 2nd row	•	•	•	•
Security	Active	Active X	Elite	Highlander
Security system				
Active lock/unlock operation (user configurable)	•	•	•	•
Anti-theft alarm	•	•	•	•
Central locking	•	•	•	•
Engine immobiliser	•	•	•	•
Remotes				
Keyless entry remote - 2x	•	-	-	-
Smart Key remote - 2x	-	•	•	•

Multimedia system	Active	Active X	Elite	Highlander
Functions				
Apple CarPlay <sup>1</sup> & Android Auto <sup>2</sup> compatibility	•	•	•	•
Bluetooth phone connectivity	•	•	•	•
Satellite navigation	-	-	•	•
SUNA™ Live Traffic Updates	-	-	•	•
Touch screen - 7" display	•	•	-	-
Touch screen - 8" display	-	-	•	•
Speakers				
Audio system - 6 speakers	•	•	-	-
Infinity™ premium audio system - 10 speakers with external amplifier	-	-	•	•
Audio/media sources				
AM / FM radio	•	•	•	•
Digital radio (DAB+)	-	-	•	•
Radio Data System (RDS)	•	•	•	•
AUX / USB audio input with iPod® compatibility	•	•	•	•
Bluetooth audio streaming	•	•	•	•
Occupant comfort & convenience	Active	Active X	Elite	Highlander
Upholstery/trim				
Leather <sup>3</sup> appointed interior - steering wheel & gear knob	•	-	-	-
Leather <sup>3</sup> appointed interior - seats, steering wheel & gear knob	-	•	•	•
Carpet floor mat - cargo compartment	-	-	-	•
Front seats				
Driver's seat - height adjustable	•	•	•	•
Driver's seat - manually adjustable (including 2-way lumbar support)	•	•	-	-
Driver's seat - power adjustable - 10-way (including 2-way lumbar support)	-	-	•	-
Driver's seat - power adjustable - 14-way (including 4-way lumbar support and drivers cushion extension)	-	-	-	•
Passenger's seat - power adjustable - 8-way	-	-	•	•
Passenger's seat - walk-in switch - drivers control for slide and recline	-	-	•	•
Front centre console storage cubby - power outlets - 1 x 12V outlet	•	•	•	•
Front centre console storage cubby - power outlets - 1 x USB charger	•	•	•	•
Front centre console - wireless charging pad (Qi standard) <sup>4</sup>	-	-	-	•
Grip handles - 1x (passenger)	•	•	•	•
Rear seats				
Centre fold down armrest	•	•	•	•
Rear centre console power outlets - 2 x USB charger outlets	•	•	•	•
Grip handles - 2x	•	•	•	•
Walk-in switch - control for slide function to access 3rd row	•	•	•	•
Windows/shades				
Acoustic laminated windshield glass	-	-	-	•
Panoramic glass sunroof - dual panel with tilt and slide front panel and power sunblind	-	-	-	•
Power windows - front & rear	•	•	•	•
One touch window up & down function with anti-pinching safety feature - driver's window	•	•	•	•
Rear door window sunshades	-	-	•	•
Solar control glass	-	-	•	•
Rear privacy glass	-	•	•	•
Sunvisor (extendable) - driver and front passenger	•	•	•	•
Doors/boot/tailgate				
Luggage area power outlet - 1 x 12V outlet	•	•	•	•
Smart Tailgate (rear power tailgate with hands-free opening) - Speed adjustable	-	-	•	•

Vision & sight	Active	Active X	Elite	Highlander
Interior mirror				
Electro-chromatic Mirror (ECM) - auto-dimming with integrated compass	-	-	•	•
Exterior mirrors				
Heated	•	•	•	•
Power adjustable	•	•	•	-
Power adjustable with auto-dip on reverse function	-	-	-	•
Power folding with auto fold function	-	•	•	•
Instrument cluster/driving displays				
Head-Up Display (HUD)	-	-	-	•
Instrument cluster - 3.5" TFT LCD with trip computer & digital speedometer	•	•	•	-
Supervision cluster - 7" TFT colour LCD with trip computer & digital speedometer	-	-	-	•
Ventilation & heating	Active	Active X	Elite	Highlander
Air conditioning				
Climate control - dual zone with auto defog function	-	•	•	•
Manual controls	•	-	-	-
Cabin air filter	•	•	•	•
Cluster ioniser (clean air function)	-	•	•	•
Cooling/heating vents - 2nd row	•	•	•	•
Cooling/heating vents - rear floor - 2nd & 3rd rows	•	•	•	•
Front seats				
Air ventilated front seats	-	-	-	•
Heated front seats	-	-	-	•
Rear/2nd row outboard seats				
Heated rear outboard seats	-	-	-	•
Other features				
Glovebox cooling	-	•	•	•
Heated rear windshield	•	•	•	•
Heated steering wheel	-	-	-	•
Exterior styling	Active	Active X	Elite	Highlander
Front				
Front grille - black	•	•	-	-
Front grille - carbon grey	-	-	•	•
Front grille upper garnish insert - satin chrome	•	•	•	•
Skid plate - silver	•	•	•	•
Side				
Door frame & beltline moulding - satin chrome	•	•	•	•
Exterior door handles - satin chrome	-	•	•	•
Side garnish insert - satin chrome	-	-	•	•
Rear				
Tailgate and lower bumper garnish - satin chrome	• <sup>5</sup>	• <sup>5</sup>	•	•
Dual exhaust tips - satin chrome, trapezoidal	• <sup>6</sup>	• <sup>6</sup>	• <sup>6</sup>	• <sup>6</sup>
Spoiler - body colour matched, tailgate mounted	•	•	•	•
Skid plate - silver	•	•	•	•
Interior styling	Active	Active X	Elite	Highlander
Treatments				
Alloy effect finish (interior door handles)	•	•	•	•
Alloy effect inserts (steering wheel and transmission gear knob)	•	•	•	•
Alloy effect surrounds (HVAC dials, air vents and transmission housing)	•	•	•	•
Carbon fibre effect inserts (doors and dashboard)	•	• <sup>7</sup>	• <sup>7</sup>	• <sup>7</sup>
Stone effect inserts (doors and dashboard)	• <sup>8</sup>	-	-	-
Wood effect inserts (doors and dashboard)	-	-	-	• <sup>9</sup>
Materials				
Black headlining	-	-	-	• <sup>10</sup>
Melange knit headlining	-	•	•	•
Premium materials - door centre trim	-	•	•	•
Fabric A-pillar covers, roof lining and sunvisors	-	•	•	•
Suede A-pillar covers, roof lining and sunvisors	-	-	-	• <sup>10</sup>

Lighting	Active	Active X	Elite	Highlander
<b>Exterior lighting - front</b>				
Fog lights	•	•	•	-
Fog lights - LED	-	-	-	•
Daytime Running Lights (DRL) - LED	•	•	•	•
Headlight functions - automatic dusk sensing with escort and welcome	•	•	•	•
Headlight type - LED (low/high beam)	-	-	-	•
Headlight type - projector beam	•	•	•	-
Positioning lights - LED	•	•	•	•
Dynamic bending lights	-	-	-	•
<b>Exterior lighting - rear</b>				
Fog lights - LED	•	•	•	•
High Mount Stop Light (HMSL) - LED	•	•	•	•
Rear combination lights - LED (bulb indicator and reverse lights)	-	-	-	•
<b>Exterior lighting - others</b>				
Courtesy lights - LED, in front door handles	-	•	•	•
Puddle lights - in side mirrors	-	•	•	•
Side repeaters - LED, integrated into side mirrors	•	•	•	•
<b>Interior lighting - front</b>				
Front room lights and map lights	•	•	•	-
Front room lights and map lights - LED	-	-	-	•
Vanity mirror lights	•	•	•	•
Glovebox compartment light	•	•	•	•
<b>Interior lighting - rear</b>				
Centre room light	•	•	•	-
Map lights (outboard) - LED	-	-	-	•
<b>Interior lighting - others</b>				
Cargo area light	•	•	•	•
Interior light fade-out delay	•	•	•	•
Safety lights - integrated in doors (front)	•	•	•	•
Storage solutions	Active	Active X	Elite	Highlander
<b>Front seats</b>				
Centre console - deluxe type	•	•	•	•
Cup holders - centre console	•	•	•	•
Front seat back pockets	•	•	•	•
Glovebox compartment	•	•	•	•
Retractable sunglasses compartment	•	•	•	•
Ticket holders - sunvisors (driver and front passenger)	•	•	•	•
<b>Rear seats</b>				
Coat hooks - 1x	•	•	•	-
Coat hooks - 2x	-	-	-	•
Cup holders - armrest	•	•	•	•
Rear seating split folding - 60:40 (2nd row) and 50:50 (3rd row)	•	•	•	•
<b>Boot/Luggage area</b>				
Cargo cover - retractable with 2 position setting, with underfloor storage capability	•	•	•	•
Luggage compartment - 6x mounting points	•	•	•	•
Luggage net	•	•	•	•
Underfloor storage recess	•	•	•	•
<b>Others</b>				
Doors - map pockets and bottle bulges (front and rear)	•	•	•	•
Cup holders - recess on right side of 3rd row	•	•	•	•
Side storage recess - left side of 3rd row	•	•	•	•
Roof Rails	•	•	•	•

**Notes:**

1. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate.
2. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate.
3. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.
4. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate.
5. Satin chrome lower bumper garnish not available on active and active x trims.
6. Single type trapezoidal exhaust with chrome tip on petrol variants.
7. Carbon fibre effect treatments available only on black interior with cross pattern treatments on beige interior.
8. Stone effect interior treatments available only with grey interior.
9. Wood effect interior treatments available only with burgundy leather.
10. Suede interior treatments available only with burgundy leather.

**Key:**

- = Feature is available on trim
- = Feature is not available on trim