

2020 Sonata Specifications

Hyundai Motor America
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MECHANICAL		
Engine Lineup	2.5L (SE/SEL)	1.6T (SEL Plus/Limited)
Smartstream 2.5L GDI + MPI DOHC 16-valve Inline 4-cylinder (2,497 cc) Bore & Stroke (mm): 85.5 x 101.5	S 191 hp@6100 rpm 181 lb. ft.@4000	-
Smartstream 1.6L Turbo-GDI DOHC 16-valve Inline 4-cyl (1,598 cc) Bore & Stroke (mm): 75.6 x 89	-	S 180 hp@5500 195 lb-ft.@1500-4500
Engine Features	2.5L (SE/SEL)	1.6T (SEL Plus/Limited)
Continuously Variable Duration (CVVD)	-	S
Continuously Variable Valve Timing (CVVT)	S	-
Valves per Cylinder	4	4
Compression Ratio	13.0	10.5
Motor Mounts	Hydraulic & conventional rubber	
Induction System	TBD	TBD
Recommended Fuel	Unleaded	Unleaded
Emissions System WCC + UCC	(SULEV30)	(N/A ULEV70)

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MECHANICAL (cont'd)

Electrical		2.5L (SE/SEL)	1.6T (SEL Plus/Limited)
Ignition System		Electronic / Distributorless	Electronic / Distributorless
Starter		12V 1.4Kw (ISG)/ 12v 1.2Kw (non-ISG)	12V 0.9Kw
Alternator		13.5V 150A	13.5V 130A
Transmission and Drive System		2.5L	1.6T
Drive Configuration		FWD	
Transmission Type	Smartstream 8-speed electronic automatic w/OD lock-up torque converter, shift lock and SHIFTRONIC™ mode	S	
Clutch Type		Torque converter	
Steering wheel paddle shifters		-	S
Gear Ratios (:1)			
	1 st	4.717	
	2 nd	2.906	
	3 rd	1.864	
	4 th	1.423	
	5 th	1.224	
	6 th	1	
	7 th	0.79	
	8 th	0.635	
	Reverse	3.239	
Final Gear Ratio		3.195	3.367





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MECHANICAL (cont'd)			
Brakes		2.5L (SE/SEL)	1.6T (SEL Plus/Limited)
General		Power-assisted w/ pressure proportioning valves	
Front	Type Size (diameter)	Ventilated disc 12.0" (SE) 12.8" (SEL)	Ventilated disc 12.8"
Rear	Type Size (diameter)	Solid disc 11.8"	Solid disc 11.8"
ABS with Electronic Brake-force Distribution (EBD)	Number of Wheels Number of Channels Number of Sensors w/TCS	S 4 4 4	S 4 4 4
Brake Assist	ESC-equipped models	S	S
Parking Brake	Type (Ball In Ramp)	S	S
Electronic Parking Brake	w/ Automatic Vehicle Hold	S	S

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MECHANICAL (cont'd)			
Steering			
		2.5L (SE/SEL)	1.6T (SEL Plus/Limited)
Motor-Driven Power Steering	Column-mounted	S	S
Type		Rack-and-Pinion	Rack-and-Pinion
Power Assisted, Engine-RPM-Sensing		S	S
Overall Ratio		13.27	13.27
Turns (lock to lock)		2.6	2.6
Turning Diameter (curb to curb, in feet)		35.9	35.9
Suspension		2.5L (SE/SEL)	1.6T (SEL Plus/Limited)
Front	Type	MacPherson Strut	MacPherson Strut
	Stabilizer Bar	TBD	TBD
	Gas Shock Absorber	S	S
Rear	Type	Multi-link	Multi-link
	Stabilizer Bar	TBD	TBD
	Gas Shock Absorber	S	S

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MECHANICAL (cont'd)							
Body / Chassis		2.5L (SE)	2.5L (SEL)	1.6T (SEL Plus)		1.6T (Limited)	
Type		Unibody					
Materials		High-tensile Steel					
Wheels & Tires		2.5L (SE)	2.5L (SEL)	1.6T (SEL Plus)		1.6T (Limited)	
Wheels	16 x 6.5J Aluminum Alloy	S	-	-		-	
	17 x 7.0J Aluminum Alloy	-	S	-		-	
	18 x 7.5J Aluminum Alloy	-	-	S		S	
							
		16-in Alloy (SE)	17-in Alloy (SEL)	18-in Alloy (SEL Plus – final finish TBD)		18-in Alloy (Limited)	
Tire Pressure Monitoring System (TPMS)		S	S	S		S	
Tires	P205/65R16	S	-	-		-	
	P215/55R17	-	S	-		-	
	P235/45R18	-	-	S		S	
Spare Tire	Compact Temporary Use T125/80D16	S	S	S		S	

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DIMENSIONS	
Exterior (inches)	All Trims
Wheelbase	111.8
Overall Length	192.9
Overall Width (excludes mirrors)	73.2
Overall Height	56.9
Tread Width (front/rear)	
16-inch wheels	TBD/TBD
17-inch wheels	TBD/TBD
18-inch wheels	TBD/TBD
Coefficient of Drag (Cd)	0.27
Minimum ground clearance (in.)	5.3
Interior (inches)	All Trims
Head Room (front/rear)	40.0/38.4
Leg Room (front/rear)	46.1/34.8
Shoulder Room (front/rear)	57.9/56.1
Hip Room (front/rear)	54.6/54.4
Volume (cubic feet)	All Trims
Passenger Compartment	104.4
Cargo (Trunk)	16.0
Total	120.4

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CAPACITIES		2.5L		1.6T	
Capacities		SE	SEL	SEL Plus	Limited
Fuel Tank (gallons)		15.9			
Engine Oil (quarts)		5.9		4.9	
Engine Coolant (quarts)		4.0		2.9	
WEIGHTS & FUEL ECONOMY		2.5L		1.6T	
Weights		SE	SEL	SEL Plus	Limited
Curb (lbs.)		3,120	3,192 w/o sunroof 3,266 w sunroof	3,230	3,336
GVWR (lbs.)		4,354			
Maximum Towing /Trailer Capacity (lbs.)		Not Recommended			
Fuel Economy/EPA/Performance		SE	SEL	SEL Plus	Limited
Emissions	SULEV 30	S		-	
	ULEV 70	-		S	
Greenhouse Gas Rating		TBD			
City/Hwy/Combined	Automatic Transmission	28/38/32 (SE) 27/37/31 (SEL)		27/36/31	
EPA Classification		Large Car			