



Hyundai Motor America 10550 Talbert Avenue, Fountain Valley, CA 92708

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MECHANICAL					
Engine Lineup	SE/SEL/XRT/Limited/Calligraphy	SEL /Limited /Calligraphy HEV			
Smartstream 2.5L Turbo GDI + MPI DOHC 16-valve Inline 4-cylinder (2,497 cc)	S	-			
Smartstream 1.6L Turbo GDI DOHC 16-valve Inline 4-cyl (1,598 cc); HEV	-	S			
Engine Features	2.5T	1.6T HEV			
Hood insulator	S	S			
Block / Head Composition	Aluminum	Aluminum			
Horsepower (HP)	277@ 5800 rpm	178 @ 5500 rpm			
Torque (lb-ft)	311 @ 4000 rpm	195 @ 1500~4500			
Bore & Stroke (mm)	88.5 X 101.5	75.6 X 89.0			
Compression Ratio	11:1	10.5 : 1			
Idle Stop & Go	S	-			
Intake System	Turbo Charging	Turbo Charging			
Fuel System	Gasoline Direct Injection (GDI)	Gasoline Direct Injection (GDI)			
Recommended Fuel	Regular Unleaded	Regular Unleaded			
Emissions Control System	SULEV_30	SULEV_30			
Exhaust	Single tip	Single tip (Hidden Type)			



MECHANICAL	
Electric Motor / Battery	Hybrid
Permanent magnet synchronous motor	S
Total Combined Power System Output (inc. gas engine and electric motor)	231 hp
Power Output (electric motor) Torque Output (electric motor)	44.2 kW (est. 60 HP) 1600-2100 rpm 195 lb. ft.
Total Combined Torque System Output	271 lbft. @ 1,000 – 4,100 rpm
Battery Type	Lithium Ion
Voltage	270V (max)
Battery System Capacity	1.49 kWh
Drivetrain	FWD or HTRAC AWD



MECHANICAL (cont'd)				
Electrical			2.5T	1.6T HEV
Ignition system	Туре		Distribu	torless
Starter	Rating		12V, 1.4kW	1100 (101 )
Alternator	Rating		13.5V, 150A	HSG (13kw)
Transmission and Drive System	<u>'</u>		2.5T	1.6T HEV
	FWD		S	S
		Comfort / Eco / Sports / Smart: 100:0 ~ 50:50		
Drive configuration & AWD Torque Distribution	HTRAC AWD	Snow: 80:20 ~ 50:50		0
& AVVD Torque Distribution	active on-demand	Sand/Mud: 50:50	0	
		AWD Lock: 50:50		
Drive Mode Select	Center-console mounted		S	S
	6-speed automatic (A6MF2	2H-2)	-	S
	8-speed dual clutch (wet-ty	rpe) (D8LF1)	S	-
Transmission type	SHIFTRONIC® manual shift	SHIFTRONIC® manual shift paddle shifters		S
	Shift-By-Wire (SBW)		S	S
Gear ratios	<u>'</u>		2.5T FWD/AWD	1.6T AWD
	1st 2nd 3rd 4th 5th 6th 7th 8th Reverse		3.429 2.217 2.217 1.621 0.860 0.673 0.791 0.653 3.697	4.639 2.826 1.841 1.386 1.000 0.772 - - 3.385
Final gear ratio (FWD/AWD)			3.316	3.510



MECHANICAL (cont'd)					
Brakes		All Models			
Front	Туре	Ventilated Disc			
	Size (diameter, in)	12.8" (13.6")			
Rear	Туре	Solid Disc			
	Size (diameter, in) (ICE SE, SEL, XRT)		12.0"		
	Size (diameter, in) (Limited, Calligraphy and All Hybrid)		12.8"		
ABS with Electronic Brake-force			S		
Distribution (EBD)	Number of Wheels		4		
	Number of Channels	4			
	Number of Sensors	4			
Downhill Brake Control (DBC)	Driver Selectable		S		
Hillstart Assist Control (HAC)			S		
Brake-Booster	11.0"	S	(Hybrid - Integrated Electric)		
	Boosting Ratio		10.0 : 1		
Brake Assist		S			
Parking Brake	Туре	Electric with Auto Vehicle Hold			
Trailer Sway Control		S			
Steering			All models		
Motor Driven Power Steering (MDPS) Rack and pinion steering, column-mounted		S			
Overall Ratio		13.7			
Turns (lock to lock)		2.6			
Turning Diameter (curb to curb, in feet	t)		37.9		



MECHANICAL (cont'd)				
Suspension		All Models		
Front Stabilizer Bar		MacPherson strut with coil springs S		
	Gas-pressurized shock absorbers, advanced valving	S		
Rear Stabilizer Bar		Multi-link Independent, separated spring & shocks S		
	Gas-pressurized shock absorbers, advanced valving	S		
Body/Chassis		All Models		
Туре		Unibody (Monocoque body)		
Materials Primary		High strength steel		



SAFETY/SECURITY				
Restraint Systems	Restraint Systems			ALL
	Driver advo	Driver advanced front airbag (1)		
	Driver knee	Driver knee airbag (1)		
Airbags	Passenger	advanced front airbag (1)		
(front - advanced)	1 <sup>st</sup> Row sea	t side airbags (2)		S
	2 <sup>nd</sup> Row sec	at side airbags (2)		
	Side curtair	n airbags (2)		
Outboard seatbelts		3-point		S
Inboard seatbelt (rear)		3-point		S
Adjustable front-seat shoulder be	elt anchors			S
Front seatbelt pretensioners and	load limiters			S
LATCH lower anchors and upper	tether anchors			S
Power window lock-out button				S
Rear child safety locks				S
Active Safety				
Anti-lock braking system (ABS) with 4-wheel disc brakes			S	
Electronic stability control (ESC) with traction control (TCS) and brake assist			S	
Vehicle stability management			S	
Tire pressure monitoring system	(TPMS) with individua	l tire indicator		S



SAFETY/SECURITY (cont'd)						
Active Safety		SE	SEL / SEL Hybrid	XRT	Limited / Limited Hybrid	Calligraphy / Calligraphy Hybrid
Blind-Spot Collision-Avo	oidance Warning (BCW)	S	S	S	S	S
Blind-Spot Collision-Avo	oidance Assist (BCA)	-	-	-	-	S
Rear Cross-Traffic Collis	sion-Avoidance Assist	S	S	S	S	S
Parking Collision-Avoide	ance Assist - Reverse	-	-	-	S	S
Park Distance Warning	- Forward / Reverse (PDW - F/R)	S	S	S	-	-
Park Distance Warning	- Forward / Side / Reverse (PDW - F/S/R)	-	-	-	S	S
Remote Smart Parking	Assist (RSPA) – Entry / Fore and Aft	-	-	-	S	S
	Rear Occupant Alert (door-logic system)	S	-	-	-	-
Rear Occupant Alert	Ultrasonic Rear Occupant Alert (adds ultrasonic sensor & Bluelink integration)	-	S	S	S	S
Forward Collision-Avoid Turning Detection	lance Assist w/ Pedestrian, Cyclist, and Junction	S	S	S	S	S
Lane Keeping Assist		S	S	S	S	S
Driver Attention Warnin	9	S	S	S	S	S
Forward Attention Warning (FAW) – aka Driver Monitoring System (DMS)		-	S	S	S	S
Safe Exit Assist		S	S	S	S	S
Highway Driving Assist I		-	-	S	S	-
Highway Driving Assist	2	-	-	-	-	S
Lane Following Assist		S	S	S	S	S



Passive Safety	SE	SEL / SEL Hybrid	XRT	Limited / Limited Hybrid	Calligraphy / Calligraphy Hybrid
Front crumple zone	S	S	S	S	S
2.5-MPH bumpers	S	S	S	S	S
Electronic shift lock system - electronic type	S	S	S	S	S
Anti-theft system integrated with remote keyless entry and panic alarm	S	S	S	S	S
Immobilizer	S	S	S	S	S

DIMENSIONS/WEIGHTS/CAPACITIES				
Exterior (inches)	All			
Wheelbase	110.8			
Overall length	190.2			
Overall width	74.8			
Overall height (with roof side rails)	67.7 (69.7)			
Tread width- 18"/20"/21" (front)	64.8 / 64.4 / 64.7			
Tread width- 18"/20"/21" (rear)	65.1 / 64.8 / 65.1			
Overhang (front/rear)	36.0 / 43.3			
Minimum ground clearance	7.0 (XRT 8.3)			
Coefficient of drag (cd)	0.294			
Roof rails load capacity	220 lbs.			
Interior (in)	All			
Head room (front / 2 <sup>nd</sup> row (w/sunroof)) / 3 <sup>rd</sup> row	41.1(40.2) / 40.6 (39.6)/37.7			
Leg room (front / 2 <sup>nd</sup> row/3 <sup>rd</sup> row) 44.4 / 42.3 (HEV 41.5) / 30.0				
Shoulder room (front / 2 <sup>nd</sup> row / 3 <sup>rd</sup> row)	59.5 / 58.1 / 53.5			
Hip room (front / 2 <sup>nd</sup> row / 3 <sup>rd</sup> row)	56.5 / 54.9 / 42.7			



DIMENSIONS/WEIGHTS/CAPACITI	ES (cont'd)						
Weights	2.5T	2.5T		1.6T HEV			
Curb weight FWD/AWD (lbs.)		4,343/ 4,486	4,343/ 4,486		4,431 / 4,575		
GVWR FWD/AWD (lbs.)		5,534 / 5,677			5,655 / 5,798		
Manager and American and India (III a.)	With trailer brakes	3,500 (XRT 4,500	))		2,000		
Maximum trailer weight (lbs.)	Without trailer brakes	1,650			1,650		
Trailering pre-wiring	·	S			S		
Capacities	Capacities			All			
Fuel tank (gallons)			17.7 (ICE/	HEV)			
SAE Volume (cubic feet)		ICE			HEV		
Total interior volume		166.6			165.6		
Passenger interior volume		152.0			151.0		
Cargo capacity, behind front seats			79.6	6			
Cargo capacity, behind 2 <sup>nd</sup> row			40.5	5			
Cargo capacity, behind 3 <sup>rd</sup> row			14.6	3			
Off-Road		ICE (SE, SEL, Limited & XRT HEV Calligraphy)			HEV		
Approach Angle (°)		17.4	19.3	3	17.4		
Departure Angle (°)	20.3	21.8	8	20.9			
Ramp Break Over Angle (°)		17.0 19.1 15.3			15.3		
Minimum Ground Clearance (in.)		7.0 8.3 7.0 Contact			7.0 Contacto		

<sup>-</sup>Envío incluido hasta puerto cubano

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