

## MECHANICAL

Engine Lineup	2.5L	2.5T
Smartstream Engine Family 2.5L GDI + MPI DOHC 16-valve Inline 4-cylinder Displacement: 2,497 cc, full engine cover Continuously Variable Valve Timing (CVVT)	S	-
Smartstream Engine Family 2.5L Turbo GDI + MPI DOHC 16-valve Inline 4-cylinder Displacement: 2,497 cc, full engine cover Continuously Variable Valve Timing (CVVT)	-	S
Engine Features	2.5L	2.5T
Hood insulator	S	S
Block / Head Composition	Aluminum	Aluminum
Horsepower (HP) (Gas Engine Only)	191 @ 6,100	281 @ 5,800
Torque (lb-ft) (Gas Engine Only)	181 @ 4,000	311 @ 1,700-4,000
Bore & Stroke (mm):	85.5 X 101.5	85.5 X 101.5
Compression Ratio	13.0	10.5
Intake System	Variable Intake System	Turbocharged Intake System
Recommended Fuel	Unleaded	Unleaded
Emissions Control System	SULEV	ULEV
Exhaust	Single tip	Single tip

## 2022 Santa Cruz Specifications

### MECHANICAL (cont'd)

Electrical		2.5L	2.5T
Ignition System	Type	Distributorless	Distributorless
Starter	Rating	12v 1.2Kw	12v 1.2Kw
Alternator Management System	Rating	13.5V, 150A	13.5V, 150A
Transmission and Drive System		2.5L	2.5T
Drive Type	FWD	S	S
	HTRAC AWD, Active On-Demand	O	O
Drive Mode	Center-console mounted	S	S
Transmission Type	8-speed automatic torque converter	S	-
	8-speed Wet Dual Clutch	-	S
	Steering Wheel Paddle Shifters	-	S
Gear Ratios		2.5L FWD / AWD	1.6L AWD
	1 <sup>st</sup>	4.717	3.429
	2 <sup>nd</sup>	2.906	2.217
	3 <sup>rd</sup>	1.864	2.217
	4 <sup>th</sup>	1.423	1.621
	5 <sup>th</sup>	1.224	0.860
	6 <sup>th</sup>	1.000	0.673
	7 <sup>th</sup>	0.790	0.791
	8 <sup>th</sup>	0.635	0.653
	Reverse	3.239	3.697
Final Gear Ratio		3.648	4.846

## 2022 Santa Cruz Specifications

<b>MECHANICAL (cont'd)</b>		
<b>Brakes</b>		<b>All Models</b>
Front	Type Size (diameter, mm)	Ventilated Disc 12.8", 325mm
Rear	Type Size (diameter x thickness, mm)	Solid Disc 12.8", 325mm
ABS with Electronic Brake-force Distribution (EBD)	Number of Wheels Number of Channels Number of Sensors	S 4 4 4
Downhill Brake Control (DBC)	Driver Selectable	S
Hillstart Assist Control (HAC)		S
Brake Assist		S
Electronic Parking Brake	w/ Automatic Vehicle Hold	S
<b>Steering</b>		<b>All Models</b>
Motor Driven Power Steering (MDPS) Rack and pinion steering, column-mounted		S
Overall Ratio		14.2
Turns (lock to lock)		2.62
Turning Diameter (curb to curb, in feet)		39.6

## 2022 Santa Cruz Specifications

<b>MECHANICAL (cont'd)</b>		
<b>Suspension</b>		<b>All Models</b>
Front	Type	MacPherson strut with coil springs
	Gas-pressurized shock absorbers	S
Rear	Type	Multi-link
	Gas-pressurized shock absorbers, self leveling	S
<b>Body/Chassis</b>		<b>All Models</b>
Type		Unibody (Monocoque body)
Materials	Primary	Advanced High Strength Steels; High tensile steel

## 2022 Santa Cruz Specifications

### DIMENSIONS/WEIGHTS/CAPACITIES

#### Exterior (inches)

All

Wheelbase

118.3

Overall Length

195.7

Overall Width

75.0

Overall Height (with roof rails)

66.7

Tread Width 18" alloys (front/rear)

64.7 / 64.9

Tread Width 20" alloys (front/rear)

64.7 / 64.9

Overhang (front/rear)

35.0 / 42.3

Minimum Ground Clearance (2WD/AWD)

8.6

Approach Angle (°)

17.5

Departure Angle (°)

23.2

Brake Over Angle (°)

18.6

Coefficient of Drag (Cd)

0.37

Roof rails load capacity

220 lbs

#### Open Bed (inches)

All

Bed Length (upper/lower/tailgate open)

48.4 / 52.1 / 74.8

Bed Width (max/between wheel house)

53.9 / 42.7

Bed Height

19.2

Ground Clearance:

Bed Gate

50.8

Bed Floor

31.6

Rear Bumper Step (lower/upper/side)

18.1 / 25.2 / 18.9

## 2022 Santa Cruz Specifications

### DIMENSIONS/WEIGHTS/CAPACITIES (cont'd)

#### Interior (inches)

#### All

Head Room w/o Sunroof (front/rear)

40.7 / 40.1

Leg Room (front/rear)

41.4 / 36.5

Shoulder Room (front/rear)

57.6 / 56.1

Hip Room (front/rear)

54.5 / 53.5

#### Weights (lbs)

#### SE

#### SEL

#### SEL Premium

#### Limited

Curb Weight FWD/AWD

3,704 / 3,858

3,725 / 3,879

3,968 / 4,101

4,057 / 4,123

GVWR FWD/AWD

5,456 / 5,611

5,456 / 5,611

5,578 / 5,732

5,578 / 5,732

Payload FWD/AWD

1,753 / 1,753

1,731 / 1,732

1,609 / 1,631

1,521 / 1,609

Maximum Trailer Weight w/ trailer brakes

3,500

3,500

3,500 (5,000 AWD)

3,500 (5,000 AWD)

Max. Trailer Weight w/o trailer brakes

1,650

1,650

1,650

1,650

## 2022 Santa Cruz Specifications

<b>DIMENSIONS/WEIGHTS/CAPACITIES (cont'd)</b>			
<b>Capacities</b>		<b>All</b>	
Fuel Tank (gallons)		17.7	
Engine Oil (liters) {with filter}		5.8	
<b>Volume (cubic feet)</b>		<b>All</b>	
Total interior volume		101.8	
Passenger interior volume		101.8	
Bed Volume	SAE	TBD	
<b>Fuel Economy / EPA / Performance</b>		<b>2.5L</b>	<b>2.5T</b>
Fuel Economy City/Highway/Combined	FWD	21 / 26 / 23	TBA
	AWD	21 / 27 / 23	19 / 27 / 22
Smog Rating		5	5
Global Warming Score		5	5

# 2022 Santa Cruz Specifications

## SUV Towing Reference Guide

Model Years	Model	Towing Capacity (w/ trailer brakes)	Towing Capacity (w/o trailer brakes)	Trailer Prep Package included?	Trailer Sway Control?	Auto-Leveling Rear Suspension?	Equipment included for trailering
2022-	Santa Cruz 2.5L FWD,AWD	3,500	1,650	Yes	Yes	Yes	<ul style="list-style-type: none"><li>• Pre-wiring</li><li>• Heavy-duty transmission oil cooler</li></ul>
2022-	Santa Cruz 2.5T	3,500 FWD 5,000 AWD	1,650	Yes	Yes	Yes	<ul style="list-style-type: none"><li>• Pre-wiring</li><li>• Heavy-duty transmission oil cooler</li></ul>

### Other Notes:

- All trailer prep packages are provisioned for trailer pre-wiring system
- There is no specific provision for brake controller wiring
- Tongue load is recommended to be 10% of total trailer load, following industry practice and safety guidelines, as also noted in the owner's manual
- Specifications for towing capacities and trailering equipment is for the United States market only