



TOYOTA

2021 Venza
Product Information

#Venza

HYBRID POWER SYSTEM	
Hybrid System Net Horsepower	219 combined net horsepower
ENGINE	
Type, Materials	2.5-liter Dynamic Force 4-cylinder, aluminum alloy block with aluminum alloy cylinder head
Valvetrain	16-valves (four-valve/cylinder), Dual Overhead Camshafts (DOHC) with Variable Valve Timing-intelligent system by Electric motor (VVT-iE) on the intake camshaft, and Variable Valve Timing-intelligent system (VVT-i) on the exhaust camshaft
Displacement	2,487 cc
Bore x Stroke	3.44 x 4.07 in.
Compression Ratio	14.0:1
Horsepower (SAE Net)	176 hp @ 5,700 rpm
Torque	163 lb-ft @ 5,200 rpm
Fuel System	D-4S
Recommended Fuel	87-octane or higher - unleaded
Emission Certification	SULEV
Manufacturer Estimated Fuel Economy* (city/highway/combined MPG)	40/37/39
ELECTRIC MOTOR	
Type	Permanent Magnet Synchronous
Electric Motor Power Output	88 kW (118 hp) / 40 kW (54 hp)
Torque	202 Nm (149 lb.-ft.) / 121 Nm (89 lb. ft.)
HYBRID BATTERY PACK	
Type	Lithium-Ion
Nominal Voltage	252.0 V (70 cells, 3.6V/cells)
Capacity	3.7 ampere hour
System Voltage	650 volts maximum

*2021 EPA MPG Estimates. Actual mileage will vary.

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DRIVETRAIN	
Layout	Electronic On-Demand All-Wheel Drive (AWD)
Transmission Type	Electronically controlled Continuously Variable Transmission (eCVT) with sequential shift mode

CHASSIS AND BODY		
Suspension	- Front	Independent MacPherson strut suspension with stabilizer bar
	- Rear	Multi-link rear suspension with stabilizer bar
	- Stabilizer Bar Diameter (front/rear)	24.2/22.2mm
Steering	- Type	Electric Power Steering (EPS): rack-and-pinion with electric power-assist
	- Overall Ratio	14.3:1 (LE) / 14.4:1 (XLE and Limited)
	- Turns (lock-to-lock)	2.76 (LE) / 2.65 (XLE and Limited)
	- Turning Circle Diameter (curb to curb)	36.1 ft. (LE) / 37.4 ft. (XLE and Limited)
Brakes	- Type	Electronically Controlled Brake system (ECB) with integrated regenerative braking
	- Front	Power-assisted ventilated disc
	- Front Diameter	12.0 in.
	- Rear	Solid disc
	- Rear Diameter	11.1 in.
	- Parking	Electric Parking Brake
Anti-lock Brake System (ABS)		Standard
Wheel Size		7 x 18 in. (LE)
		7 x 19 in. (XLE, Limited)

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Wheel Type and Material	Alloy
Tire Size	P225/60 R18 (LE) P225/55 R19 (XLE, Limited)
Tire Type	All-season
Spare Tire/Wheel	Temporary

EXTERIOR DIMENSIONS	
Wheelbase	105.9 in.
Overall Length	186.6 in.
Overall Width	73.0 in.
Overall Height (with antenna)	65.9 in.
Ground Clearance	7.8 in.

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom (Front/Rear)	38.6/39.0 in. 38.1/36.9 in. (w/ Star Gaze Fixed Pano Roof)
Legroom (Front/Rear)	40.9/37.8 in.
Shoulder Room (Front/Rear)	57.4/56.9 in.
Hip Room (Front/Rear)	54.4/45.2 in.
Passenger Volume	98.3 cu. ft. 95.2 cu. ft. (w/ Star Gaze Fixed Pano Roof)
SAE Cargo Volume (w/seats up)	28.8 cu. ft. (w/out Star Gaze Fixed Pano Roof) 28.7 cu. ft. (with Star Gaze Fixed Pano Roof)
SAE Cargo Volume (w/ rear seats down)	55.1 cu. ft. (w/out Star Gaze Fixed Pano Roof) 54.9 cu. ft. (with Star Gaze Fixed Pano Roof)
Class	Midsized SUV

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WEIGHTS AND CAPACITIES	
Curb Weight (lbs.)	3,847 (LE), 3,891 (XLE), 3,913 (Limited)
Fuel Capacity	14.5 gal.
Engine Oil	SAE OW-16; 4.8 qt. with oil filter change

EXTERIOR FEATURES	(- = NOT AVAILABLE, O = OPTION, S = STANDARD)		
	LE	XLE	LIMITED
Aerodynamic underbody panels and integrated rear spoiler; black rocker panels	S	S	S
Active grille shutter and aerodynamic side garnish	S	S	S
Front and rear tire spats	S	S	S
Star Gaze™ Fixed Panoramic Roof with on/off control and electronic sunshade	-	-	O
Low-profile silver roof rails (removed when optional Star Gaze™ is added)	-	S	S
Color-keyed, heated power outside mirrors with turn signal and blind spot warning indicators, puddle lights and driver's side auto-folding controls	S	S	-
Color-keyed, heated power outside mirrors with turn signal and blind spot warning indicators, puddle lights with Venza logo and driver's side auto-folding controls	-	-	S
Multi-layer dark gray front grille with chrome accent	S	S	S
Dual chrome-tipped exhaust	S	S	S
Black front and rear lower bumper garnish	S	-	-
Black front and rear lower bumper garnish with chrome accents	-	S	S
Color-keyed outside door handles with touch-sensor lock/unlock feature on front doors & liftgate	S	-	-
Color-keyed outside door handles with touch-sensor lock/unlock feature on all doors & liftgate	-	S	S

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Driver and front passenger side windows	S	S	S
Privacy glass on all rear side, quarter and liftgate windows	S	S	S
Height adjustable, hands-free power liftgate with jam protection	S	S	S
Multi-reflector LED headlights with Automatic High Beams with auto on/off feature	S	-	-
LED Projector headlights and Automatic High Beams with auto on/off feature	-	S	S
LED Tail and Stop lights	S	S	S
Black rear spoiler with LED center stop light	S	-	-
Color-keyed with gloss black accent rear spoiler with full-width LED center stop light	-	S	S
LED Daytime Running Lights (DRL) with on/off feature	S	-	-
Dual LED Daytime Running Lights (DRL) with on/off feature	-	S	S
Washer-linked variable intermittent windshield wipers	S	S	S
Rain-sensing washer-linked variable intermittent windshield wipers	-	-	O
Intermittent rear window wiper	S	S	S
Color-keyed roof-mounted shark-fin antenna	S	S	S

INTERIOR FEATURES	(- = NOT AVAILABLE, O = OPTION, S = STANDARD)		
	LE	XLE	LIMITED
Qi-compatible wireless smartphone charging with charge indicator light	S	S	S
4.2 in. color LCD Multi-Information Display (MID)	S	-	-
7 in. color LCD Multi-Information Display (MID)	-	S	S
10-in. Color Head-Up Display (HUD) with speedometer, lane departure and hybrid system indicator	-	-	O
Four USB charge ports (two front, two rear)	S	S	S
Day/night rearview mirror	S	-	-
Auto-dimming rearview mirror with HomeLink® universal transceiver	-	S	-

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Digital rearview mirror with HomeLink® universal transceiver	-	-	S
Integrated backup camera with projected path and dynamic gridlines	S	S	-
Integrated backup camera with projected path and backup camera washer and dynamic gridlines	-	-	S
Bird's Eye View Camera with Perimeter Scan, Overhead 360-degree view in low-speed drive and reverse and curb view	-	-	S
LED front map lights and overhead/rear cargo dome light	S	S	S
Front driver and passenger door sills and illuminated foot wells	-	S	-
Front driver and passenger illuminated door sills and foot wells	-	-	S
Leather-trimmed power tilt/telescopic three-spoke steering wheel with silver accent and controls for audio, MID, Bluetooth® hands-free phone, voice-command, Dynamic Radar Cruise Control (DRCC), Lane Departure Alert (LDA) and Lane Trace Assist (LTA)	S	-	-
Leather-trimmed power tilt/telescopic three-spoke steering wheel with chrome accent and controls for audio, MID, Bluetooth® hands-free phone, voice-command, Dynamic Radar Cruise Control (DRCC), Lane Departure Alert (LDA) and Lane Trace Assist (LTA)	-	S	-
Heated leather-trimmed power tilt/telescopic three-spoke steering wheel with chrome accent and controls for audio, MID, Bluetooth® hands-free phone, voice-command, Dynamic Radar Cruise Control (DRCC), Lane Departure Alert (LDA) and Lane Trace Assist (LTA)	-	O	S
Turn signal stalk with headlight controls and one-touch 3-blink lane change turn signals	S	S	S
Wiper control stalk with front and rear window	S	S	S

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wiper controls			
Overhead console with LED map lights, passenger air bag on/off indicators and Safety Connect button	S	S	S
Overhead console with Star Gaze™ Fixed Panoramic Roof on/off controls and electric sunshade controls, LED map lights and passenger air bag on/off indicators and Safety Connect button	-	-	O
Electric parking brake with brake hold	S	S	S
Dual zone automatic climate control system with dust and pollen filter and rear-seat vents, featuring push-button/dial controls	S	S	-
Dual zone automatic climate control system with dust and pollen filter and rear-seat vents, featuring Intelligent Touch capacitive controls	-	O	S
Rear liftgate window defogger	S	S	S
Fabric-trimmed seats; eight-way power-adjustable driver's seat with power lumbar support; driver and passenger seatback pockets	S	-	-
Fabric-trimmed seats with SofTex-trimmed bolsters; heated front seats; eight-way power-adjustable driver's seat with memory function and power lumbar support; driver and passenger seatback pockets	-	S	-
Perforated SofTex-trimmed seats; heated and ventilated front seats; eight-way power-adjustable driver's seat with memory function and power lumbar support; four-way power-adjustable passenger's seat; driver and passenger seatback pockets	-	O	S
Soft-touch dashboard with black piping	S	-	-
Soft-touch dashboard with color-keyed piping with metal ends and ambient lighting	-	S	S
Center stack with push-button/dial climate controls	S	S	-
Wood-grained style center stack with Intelligent	-	O	S

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Touch capacitive controls			
Black soft-touch armrests	S	-	-
Wood-grained style soft-touch armrests	-	S	S
Black carpet floors with driver-side footrest	S	S	S
Three-passenger rear seating with 60/40 split fold-flat seat with center armrest and cup holders	S	S	S
Center console with ambient lighting, Push Button Start, drive mode switch, electronic parking brake, automatic brake hold controls and covered storage compartment with 12V/120W input, removable utility tray and sliding cover	S	-	-
Center console with ambient lighting, Push Button Start, drive mode switch, electronic parking brake, automatic brake hold controls, heated front seat controls and covered storage compartment with 12V/120W input, removable utility tray and sliding cover	-	S	-
Center console with ambient lighting, Push Button Start, drive mode switch, electronic parking brake, automatic brake hold controls, heated and ventilated front seat controls and covered storage compartment with 12V/120W input, removable utility tray and sliding cover	-	-	S
Leather-trimmed shift lever with sequential mode	S	S	S
8 total cup and bottle holders; 4 cup holders and 4 bottle holders	S	S	S
Power windows with auto up/down and jam protection in all positions	S	S	S
Smart Key System on front doors and liftgate with Push Button Start, remote keyless entry system with lock/unlock, panic and remote illuminated entry	S	-	-
Smart Key System on all doors and liftgate with Push Button Start, remote keyless entry system	-	S	S

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with lock/unlock, panic and remote illuminated entry			
Power door locks with shift-linked automatic lock/unlock feature	S	S	S
Silver interior door handles	S	-	-
Silver interior illuminated door handles	-	S	S
Sun visors with sliding extensions and illuminated vanity mirrors	S	S	S
Rear fold-down center armrest with two cup holders	S	S	S
Three black scuff plates in nylon deck board strap in cargo area	S	-	-
Three silver scuff plates with leather deck board strap in cargo area	-	S	S
Cargo area tonneau cover	S	S	S

AUDIO SYSTEM	(- = NOT AVAILABLE, O = OPTION, S = STANDARD)		
	LE	XLE	LIMITED
Audio Plus — includes 8.0-in. Touchscreen, AM/FM/HD Radio™, 6 speakers, 1 USB and 1 AUX media ports, 3 additional USB charge ports, advanced voice recognition, hands-free phone capability and music streaming via Bluetooth® wireless technology, Android Auto™, Apple CarPlay® and Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. See toyota.com/audio-multimedia for details. Connected Services — Safety Connect® with 1-year trial, Service Connect with 10-year trial, Remote Connect with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial. See toyota.com/audio-multimedia for details. See toyota.com/connected-services for details.	S	S	-
Premium Audio with Dynamic Navigation and JBL® — includes 12.3-in. Touchscreen and Intelligent Touch capacitive controls, AM/FM/HD Radio™, 9 JBL®speakers including subwoofer	-	O	S

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<p>and amplifier, 1 USB and 1 AUX media ports, 3 additional USB charge ports, hands-free phone capability and music streaming via Bluetooth® wireless technology, Android Auto™, Apple CarPlay® and Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. See toyota.com/audio-multimedia for details.</p> <p>Connected Services — Safety Connect® with 1-year trial, Service Connect with 10-year trial, Remote Connect with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial, Destination Assist with 1-year trial. See toyota.com/connected-services for details.</p>			
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SAFETY FEATURES	(- = NOT AVAILABLE, O = OPTION, S = STANDARD)		
	LE	XLE	LIMITED
Toyota Safety Sense™ 2.0 (TSS 2.0) - Pre-Collision System with Pedestrian Detection (PCS w/PD), Lane Departure Alert with Steering Assist (LDA w/SA), Lane Tracing Assist (LTA), Automatic High Beams (AHB), Full-Speed Range Dynamic Radar Cruise Control (DRCC), and Road Sign Assist (RSA)	S	S	S
Star Safety System™ - includes Enhanced Vehicle Stability Control, Traction Control, Anti-lock Brake System, Electronic Brake-force Distribution, Brake Assist and Smart Stop Technology®	S	S	S
8 airbags — includes driver and front passenger Advanced Airbag System, driver and front passenger seat-mounted side airbags, driver knee airbag, front passenger seat cushion airbag, and front and rear side curtain airbags	S	S	S
3-point seatbelts for all seating positions; driver-side Emergency Locking Retractor (ELR) and Automatic/Emergency Locking Retractor (ALR/ELR) on all passenger seatbelts	S	S	S
Adjustable front seatbelt shoulder anchors	S	S	S



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Front seatbelts with seatbelt pretensioners with force limiters	S	S	S
LATCH (Lower Anchors and Tethers for CHildren) includes lower anchors on outboard rear seats and tether anchors on all rear seats	S	S	S
Child-protector rear door locks	S	S	S
Front and rear side-impact door beams	S	S	S
Tire Pressure Monitor System (TPMS)	S	S	S
Safety Connect®— includes Emergency Assistance, Stolen Vehicle Locator, Roadside Assistance and Automatic Collision Notification. Available by subscription. Complimentary one-year trial subscription.	S	S	S
Blind Spot Monitor (BSM) with Rear Cross-Traffic Alert (RCTA)	S	-	-
Blind Spot Monitor (BSM) with Front and Rear Parking Assist with Automated Braking (PA w/AB)	-	S	S
Intelligent Clearance Sonar (ICS)	S	S	S
Hill Start Assist Control (HAC)	S	S	S
Audible Vehicle Proximity Notification System	S	S	S
Anti-theft with engine immobilizer and alarm	S	S	S

PACKAGES AND OPTIONS	(- = NOT AVAILABLE, O = OPTION, S = STANDARD)		
	LE	XLE	LIMITED
Carpet cargo mat	O	O	O
Carpet floor mats	O	O	O
Universal tablet holder	O	O	O
Paint protection film	O	O	O
Emergency assistance kit	O	O	O
First aid kit	O	O	O
Owner's Portfolio	O	O	O
Activity mount	O	O	O
Cross bars	O	O	O
All weather cargo liner	O	O	O
All weather floor liners	O	O	O
Center console safe	O	O	O

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Dash cam	○	○	○
Wheel Locks	○	○	○
Door edge guards	○	○	○
Premium paint	○	○	○
Star Gaze™ Fixed Panomamic Roof with on/off control and power sunshade	-	-	○
Premium Audio with Dynamic Navigation and JBL® — includes 12.3-in. touch-screen and Intelligent Touch capacitive controls, AM/FM/HD Radio™, 9 JBL® speakers in 9 locations, including subwoofer and amplifier, AUX and USB media ports, 3 additional USB charge ports, Dynamic Navigation with up to 3-year trial, Dynamic POI Search, Dynamic Voice Recognition, hands-free phone capability and music streaming via Bluetooth® wireless technology, Android Auto™, Apple CarPlay® and Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. Connected Services — Safety Connect® with 1-year trial, Service Connect with 10-year trial, Remote Connect with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial, Destination Assist with 1-year trial. See toyota.com/audio-multimedia for details.	-	○	S
Advanced Technology Package - Head Up Display (HUD) with speedometer and hybrid system indicators, and rain-sensing variable intermittent windshield wipers	-	-	○
SofTex Package - Perforated SofTex-trimmed seats; heated and ventilated front seats; eight-way power-adjustable driver's seat with memory function and power lumbar support; four-way power-adjustable passenger's seat; driver and passenger seatback pockets, Heated leather-trimmed power tilt/telescopic three-spoke steering wheel with silver accent and controls for audio, Multi-Information Display, Bluetooth® hands-free phone, voice-command, Dynamic	-	○	S

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Radar Cruise Control (DRCC), Lane Departure Alert (LDA), and Lane Trace Assist (LTA)			
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AVAILABLE EXTERIOR COLORS

- Blizzard Pearl*
- Coastal Gray Metallic
- Black (not available on Limited)
- Celestial Black* (not available on LE)
- Ruby Flare Pearl*
- Titanium Glow
- Blueprint

* Additional cost

BASIC LIMITED WARRANTY COVERAGE

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 10-year/150,000-mile Hybrid Battery
- 8-year/100,000-mile Hybrid System
- 5-year/unlimited-mileage Corrosion Perforation
- ToyotaCare – Complimentary maintenance plan with the purchase or lease of every new Toyota. For 2 years or 25,000 miles, whichever comes first, every new Toyota will be covered for all normal factory scheduled service, as well as 24/7 roadside assistance.

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