



2023 Nissan Z Specifications

Specifications are based on latest product information available at the time of release

Mechanical

Engine	Sport	Performance
Name	VR30DDTT 3.0L V6 Twin Turbo	
Cam design	DOHC	
Orientation	Longitudinal	
Cylinders / configuration	V6	
Block / head composition	Aluminum/aluminum	
Displacement (liters)	3.0 / 2997	
Horsepower	400 @ 6,400 rpm	
Torque (lb-ft)	350 @ 1,600 - 5,200 rpm	
Bore & stroke (mm)	86.0 x 86.0	
Compression ratio	10.3	
Maximum engine speed	6,800 rpm	
Maximum boost pressure	15 psi	
Induction system	Twin turbochargers	
Valvetrain	4 valves per cylinder; Continuously Variable Valve Timing Control System (CVTCS)	
Fuel delivery system	Direct Injection Gasoline	
Engine oil cooler type	Engine coolant	
Cooling fan type	Electric	
Recommended fuel	Premium unleaded	
Emissions system	Closed loop feedback system w/ 4 catalyts	
Emissions certification level	50 state: LEV2-LEV (CARB), Tier2-Bin5 (Fed)	
Exhaust	Dual w/ chrome finishers	Dual w/sport grade muffler

Transmission and Drive System	Sport	Performance
Drive configuration	Mid-mounted front-engine / rear-wheel drive	
Transmission type		
6-speed close-ratio manual w/EXEDY high-performance clutch	S	S
9-speed auto w/drive mode switch, shift by wire	O	O
Paddle shifters (9AT)	S	-
Unique paddle shifters (9AT)	-	S
Launch control	-	S
Gear ratio	MT	AT
1 st	3.795	5.425
2 nd	2.325	3.263
3 rd	1.625	2.250

4 th	1.272	1.649
5 th	1.000	1.221
6 th	0.795	1.000
7 th	-	0.862
8 th	-	0.713
9 th		0.597
Reverse	3.446	4.799
Final drive ratio	3.538	3.133
Drive shaft	Carbon fiber composite (6MT only)	
Downshift Rev Matching	S (9AT)	
SynchroRev Match®	-	S (6MT)
Mechanical clutch-type limited-slip differential	-	S
Limited Traction mode/slip function	S (9AT)	-
Hill Start Assist	S	S
Transmission coolers	9AT oil warmer and air-cooled cooler	

Brakes	Sport	Performance
Front – vented disc Rotor size diameter and thickness - (in.) 12.6 x 1.10	S	-
Rear – vented disc Rotor size diameter and thickness - (in.) 12.1 x 0.63	S	-
Front – Vented disc Rotor size diameter and thickness - (in.) 14.0 x 1.26	-	S
Rear – vented disc Rotor size diameter and thickness - (in.) 13.8 x 0.79	-	S
Caliper type / material	Fixed 2-piston front, single piston rear / cast iron	Floating 4-piston front, 2- piston rear / aluminum
Red caliper color	-	S
Yellow caliper color	-	O
Brake control	Power-assisted (vacuum)	
Anti-lock Braking System	S	
Number of wheels/channels/sensors	4/4/4	
Brake Assist	S	
Electronic Brake force Distribution	S	
Parking brake – mechanical, pull-type	S	

Steering	Sport	Performance
Type	Electric power steering (electric rack)	
Fixed Steering Ratio	15.0:1	
Vehicle speed variable assist	S	
Steering wheel	3-spoke leather-wrapped w/ air bag, manual tilt	
Premium leather steering wheel	-	S
Steering wheel controls – illuminated	Cruise control, audio, Bluetooth® Hands-Free Phone	
Manual tilt and telescopic steering column	S	

Suspension		
Front	Double-wishbone aluminum suspension	
Subframe construction	High vacuum diecast aluminum alloy	
Stabilizer bar	S	
Shock absorbers	Monotube	
Rear	Independent multi-link aluminum suspension	
Subframe construction	Steel	
Stabilizer bar	S	
Shock absorbers	Monotube	
3-point front strut tower brace	S	
Sport-tuned suspension	-	S

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant high-strength steel
Hood, doors, rear hatch	Aluminum

Exterior

Wheels & Tires	Sport	Performance
Wheels		
Dark-painted aluminum-alloy F: 18x9 inches R: 18x9 inches	S	-
RAYS® super lightweight forged aluminum-alloy F: 19x9.5 inches R: 19x10 inches	-	S
Bronze-colored aluminum-alloy wheels F: 19x9.5 inches R: 19x10 inches	-	O
Tires		
Yokohama ADVAN Sport high performance F: P245/45R18, R: P245/45R18	S	-
Bridgestone Potenza® S007 high performance F: P255/40R19, R: P275/35R19	-	S
Tire repair kit	S	
Tire Pressure Monitoring System, direct sensor type	S	

Lights	Sport	Performance
Headlights LED low and high beam	S	
LED daytime running lamps	S	
Automatic on/off	S	
Intelligent Auto Headlights	S	
LED taillights	S	
Side mirror LED turn signal indicators	S	
High Beam Assist	S	

Exterior Features	Sport	Performance
Body-colored door handles	S	

Black front grille	S	
Body-colored front and rear bumpers	S	
Manual-folding body-colored outside mirrors with turn signals	S	
Heated outside mirrors	-	S
Manual opening and closing hatch	S	
Front chin spoiler	-	S
Rear spoiler	-	S
Side sill spoiler	S	

Interior

Seating		Sport	Performance
Capacity		2-passenger	
Seat Materials	Black woven cloth	S	-
	Synthetic suede inserts	-	S
	Leather-appointed	-	S
Unique seat cushion and side bolster design		-	S
Exclusive Proto Spec leather-appointed seats with yellow accents		-	O
Exclusive Proto Spec suede + cloth door trim w/yellow stitching		-	O
Proto Spec interior badging		-	O
Seat Type	Sport bucket	S	
	Height-adjustable head restraints	S	
	Heated	-	S
Driver Seat	8-way manual	S	-
	4-way power w/manual lifter, lumbar and thigh support	-	S
Passenger Seat	4-way manual	S	-
	4-way power	-	S
Suede-appointed door trim		-	S

Audio/Navigation		Sport	Performance
Nissan audio system with 6 speakers		S	-
8.0-inch touchscreen		S	-
Bose® audio with 8 speakers, Active Noise Cancellation, Active Sound Enhancement		-	S
9.0-inch touchscreen display with navigation		-	S
Apple CarPlay®		S	
Android Auto™		S	
Streaming Audio via Bluetooth®		S	
Bluetooth® Hands-free Phone System		S	
Siri® Eyes Free		S	
Hands-free Text Messaging Assistant		S	

SiriusXM® Radio (SiriusXM® subscription required, sold separately)		S
Voice Recognition		S
NissanConnect® with WiFi hotspot	-	S
NissanConnect® Services	-	S

Instrumentation	Sport	Performance
Fully digital TFT meter display Speedometer, Tachometer Coolant temperature Fuel level LCD dual trip odometer		S
Instrument panel-mounted 3-bay gauge cluster (turbocharger boost, turbocharger turbine speed, voltmeter)		S
Indicators Clock Low Tire Pressure Programmable M/T shift up timing indicator (light) Cruise Control VDC off		S S When equipped with 6MT S S
Drive computer + G-meter		S

Convenience Features	Sport	Performance
Intelligent Cruise Control		S
Power windows –one-touch up/down		S
Power door locks with auto locking feature		S
Nissan Intelligent Key® with Push Button Ignition		S
Auto-dimming inside rearview mirror		S
RearView Monitor		S
2 12-volt power points		S
Knee pad on center console tunnel		S
HomeLink® Universal Transceiver	-	S
Aluminum trimmed sport pedals	-	S
Locking glove compartment		S
Glove compartment dampening	-	S
Rear window defroster with timer		S
Front center console with armrest, storage bin		S
Cupholders (2) /bottle holders (2)		S
Front map lights (2)		S
Cargo area lamp		S
USB charging ports (1 Type A, 1 Type C)		S
Dual sunvisors w/ illuminated vanity mirrors		S
Front and rear parking sensors		S
Automatic Temperature Control		S

Safety and Security

Passenger Restraint Systems	
Nissan Advanced Air Bag System	Driver and front passenger air bags with dual-stage inflation, seat belt sensors and occupant classification sensor
Driver and front passenger seat-mounted side-impact supplemental air bags	S
Roof-mounted curtain side-impact supplemental air bags	S
Outboard seat belts, front	3-point (ALR/ELR for pass., ELR for driver)
Seatbelts with pre-tensioners and load limiters	S
Top tether anchor (passenger seat)	S

Safety and Security Features	
Zone Body Construction with front and rear crumple zones Energy-absorbing steering column Slide away brake pedal Break away rear engine mount Hood buckling creases and safety stops Body side reinforcements Aluminum side-door guard beams Power window lockout button Vehicle Dynamic Control Traction Control System Tire Pressure Monitoring System Nissan Vehicle Immobilizer System Vehicle Security System	S
Automatic Emergency Braking with Pedestrian Detection	S
Intelligent Forward Collision Warning	S
Blind Spot Warning	S
Lane Departure Warning	S
Rear Cross Traffic Alert	S

Dimensions

Exterior (inches)		Sport	Performance
Wheelbase		100.4	
Overall length		172.4	
Overall width		72.6	
Overall height		51.8	
Ground clearance		4.8	
Track	Front	61.6	61.2
	Rear	62.8	61.6

Interior (inches)	
Head room	38.2
Leg room	42.9
Hip room	54.6
Shoulder room	54.2

Weight

Weights	Sport		Performance	
	MT	AT	MT	AT
Front	1991	2041	1995	2041
Rear	1495	1508	1541	1561
Total	3486	3549	3536	3602

Fuel Economy

EPA Estimated Fuel Economy (mpg)	Sport		Performance	
	MT	AT	MT	AT
City	18	19	18	19
Highway	24	28	24	28
Combined	20	22	20	22

Options	Sport	Performance
Proto Spec: Yellow-colored brake calipers, bronze-colored aluminum-alloy wheels, exclusive shift lever knob (MT only), exclusive Proto Spec leather-appointed seats with yellow accents, exclusive Proto Spec suede + cloth door trim with yellow stitching, special Proto Spec interior stitching	-	0