

Engine	V6	V8
Type	4.0-liter, 6-cylinder, 24-valve, aluminum alloy block with aluminum alloy head	4.7-liter, 8-cylinder, 32-valve, steel alloy block with aluminum alloy head
Bore and Stroke	3.70 x 3.74 inches	3.70 x 3.31 inches
Displacement	3955 cc	4664 cc
Compression Ratio	10.0:1	9.6:1
Valve Train	DOHC, 4-valve/cylinder	DOHC, 4-valve/cylinder
Horsepower (SAE)	245 hp @ 5,200 rpm	235 hp @ 4,800 rpm
Torque	282 lb-ft @ 3,800 rpm	320 lb-ft @ 3,400 rpm
Ignition System	TDI	TDI
Fuel System	Sequential multi-point EFI	Sequential multi-point EFI
Recommended Fuel	91-octane unleaded (Octane Rating)	91-octane unleaded (Octane Rating)
Emission Control	LEV	LEV

Powertrain	V6	V8
Drive configuration	Rear-wheel 2WD or multi-mode 4WD	Rear-wheel 2WD or full-time 4WD
Transmission	4-speed ECT-i automatic	5-speed ECT automatic
Gear ratios (:1)		
1st	2.804	3.52
2nd	1.531	2.042
3rd	1	1.4
4th	0.705	1
5th	-	0.716
Reverse	2.393	3.224
Differential Ratio	3.909	3.727
Transfer Case		High: 1.000 Low: 2.566
Center Differential	Type: Torsen ^a type with differential lock Torque Split (Front/Rear) Straight Line 40/60 Turning (fr wheel spin) 29/71 Turning (rr wheel spin) 53/47	

Suspension & Steering	2004 Toyota 4Runner	
Suspension	Front	Independent suspension
	Rear	4-link rigid type with coil springs
Stabilizer Bar Diameter	Front	1.14 inches (2WD)
	Rear	1.18 inches (4WD)
		0.83 inches
Steering Type	Power-assisted and variable gear rack-and-pinion	
Ratio	15.6:1	
Turns (lock to lock)	3.04	

Turning circle	36.7 feet
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Brakes		2004 Toyota 4Runner
Front	Type	Ventilated disc
	Diameter	16/17-inch alloys: 12.6 inches 17-inch Sport Edition alloys: 13.3 inches
	Swept Area	420 sq cm Sport Edition (front): 450 square cm
Rear	Type	Ventilated disc
	Diameter	16/17-inch alloys: 12.3 inches
	Swept Area	Rear (all): 320 sq cm
Parking		Foot applied, foot released

Wheels and Tires		2004 Toyota 4Runner
Wheels	Size	7.0 x 16 inches 7.5 x 17 inches (std on Sport Edition)
		Six-spoke steel (std on SR5) Six-spoke alloy (optional on SR5)
	Type and Material	Five-spoke 17" alloy (opt. on SR5, std on Limited)
		Unique six-spoke 17" alloy (std on Sport Edition)
Tires	Size	P265/70 R16 P265/65 R17
	Type	Mud and snow radial
Spare		Full-size

Capacities	2004 Toyota Runner
Engine Oil	6.4 quarts
Fuel Tank	23.0 gallons

Exterior Dimensions (inches)		2004 Toyota 4Runner
Wheelbase		109.8
Overall Length		189
Overall Width		73.8
Overall Height	without Air Suspension	w/o roof rack: 69.1 (2WD) w/o roof rack: 68.9 (4WD) w/roof rack: 71.6 (2WD/4WD)
	with Air Suspension, 4WD V8	w/o roof rack: 68.5 w/roof rack: 71.2
Tread	Front	62
	Rear	62
Minimum Ground Clearance	2WD	8.9
	4WD	9.1
Approach Angle	2WD	31°

Approach Angle	4WD	32°
Departure Angle	2WD	24°
	4WD	24°
Ramp Breakover Angle		22°

Interior Dimensions (in.)	Front	Rear
Head room	39.7	39.1
Legroom	41.7	34.7
Shoulder room	58	57.2
Hip room	55.3	55.3
EPA Passenger Volume	103.1	
EPA Cargo Volume (cubic feet)	Rear seats up:	
	- w/o double decker: 42.2	
	- w/double decker: 40.6	
	Rear seats folded: 75.1	
EPA Interior Volume (cubic feet)	- w/o double decker: 72.4	
	w/o double decker: 145.3	
	w/double decker: 143.8	
EPA Class	Mid-size	

Vehicle Mass (lbs)		V6			V8		
		SR5	LTD	Sport	SR5	LTD	Sport
Curb Weight	2WD	4,035	4,055	4,065	4,220	4,245	4,260
	4WD	4,290	4,310	4,330	4,475	4,495	4,515
Maximum Trailer Weight	2WD	5,330 (all)			5,450 (all)		
	4WD	5,570 (all)			5,710 (all)		
Payload	2WD	1,280	1,240	1,240	1,240	1,215	1,200
	4WD	1,295	1,275	1,255	1,235	1,215	1,195
Towing Capacity	2WD	5,000			7,300		
	4WD	5,000			7,000		
Maximum Trailer Tongue Weight	2WD	500			730		
	4WD	500			700		

Safety Features
Multi-stage dual front SRS airbags*
Available front and rear SRS curtain airbags, with front side-impact SRS airbags*
Three-point front seat belts with adjustable shoulder anchors
Three-point seat belts for all five seating positions and all seven seating positions with optional third row seat (SR5 and Ltd. only)

Emergency Locking Retractors (ELR) on drivers belt, Automatic/Emergency Locking Retractors (ALR/ELR) on all passenger seat belts
Four-wheel Anti-lock Brake System (ABS) with Brake Assist (BA) and Electronic Brake Force Distribution (EBD)
Child protector rear door locks
Child Restrain System (CRS) tether anchors and ISO-FIX seat anchors in outboard rear seats
Available daytime running lights
Available anti-theft device (std on Limited)

*The Toyota driver, front passenger, front seat-mounted side-impact and front and rear side curtain airbags are Supplemental Restraint Systems (SRS). The driver and front passenger airbags are designed to deploy in severe (usually frontal) collisions where the magnitude and duration of the forward deceleration of the vehicle exceeds the design threshold level. The side-impact and overhead front and rear side curtain airbags are designed to inflate in severe side-impact collisions. In all other accidents, the airbags will not inflate. To decrease the risk of injury from a deploying airbag, always wear seatbelts, sit upright in the middle of the seat as far back as possible from the airbag modules and do not lean against the door. Do not put objects in front of an airbag or around the seatback. Do not use rearward-facing child seats in any front passenger seat. The force of a deploying airbag SRS may cause serious injury or death. Please see the Owner's Manual for further instructions.

EPA Fuel Economy	V6	V8
2WD	18 / 21	16 / 20
4WD	17 / 21	15 / 19