



Toyota 4Runner



Technical Specs: All Technical Specs are before vehicle armoring

Engine

Standard Engine	4.7L V8 or 4.0L V6
Standard Transmission	5 Speed Automatic
Cylinders	8 or 6
Horsepower @ RPM	270@5400 or 245@5200
Fuel Economy Cty/Hwy	15 / 19
Combined Fuel Economy	17
EPA Class	Four Wheel Drive SUV
Number of Valves	32
Torque @ RPM	320@3400 or 282@3800
Fuel Type/System	Gas Engine / Sequential Electronic Fuel Injected
Turbo (yes/no)	No
Overdrive Transmission	Yes
Battery Output	N/A
Compression	9.6
Displacement	4664 / 285
Bore X Stroke	3.70x3.31



Engine Continued

Cruising Range	391
Final Drive Gear Ratio Opt	N/A
Power To Weight Ratio	16.8
Final Drive Ratio	3.73
Valves Configuration	Dual Overhead Cam/Twin Overhead Cam
Supercharged	No
Electric HorsePower RPM	N/A
Electric Torque Feet Per Pound	N/A
Electric Torque RPM	N/A
Electric HorsePower BHP	N/A

Capacity & Volume

Cargo Volume (EPA)	N/A
Cargo Volume (MFR)	42.1
Fuel Capacity	23.0
Passenger Volume (EPA)	N/A
Passenger Volume (MFR)	103.1
Box/Cargo Height	Not Listed
Box/Cargo Length	Not Listed
Box/Cargo Width (Wheel)	Not Listed
Box/Cargo Width (Wall)	Not Listed
GVWR Standard	6005
GVWR Maximum	6005
Payload Standard	1475
Payload Maximum	1475

Brakes, Steering, Suspension & Tires

Brakes (Front)	Disc
Brakes (Rear)	Disc
Driveline	Four Wheel Drive Full Time
Driveline (Opt)	N/A
Steering	Rack & Pinion
Steering Diameter Left	37.4
Steering Diameter Right	37.4
Suspension (Front)	Independent
Suspension (Rear)	Live
Tire Type	Passenger



Brakes, Steering, Suspension & Tires Continued

Tire Width	265
Tire Aspect Ratio	65
Tire Construction	Radial
Tire Wheel Diameter	17

Interior Dimensions

Seating (Standard)	5
Seating (Optional)	N/A
Tow Capacity (Standard)	7000
Tow Capacity (Maximum)	7000
Headroom (Front)	39.7
Headroom (Row 2)	39.1
Hiproom (Front)	55.3
Hiproom (Row 2)	55.3
Legroom (Front)	41.7
Legroom (Row 2)	34.7
Shoulder Room (Front)	58.0
Shoulder Room (Row 2)	57.2
Seating (Maximum)	5
Headroom (Row 3)	N/A
Hiproom (Row 3)	N/A
Legroom (Row 3)	N/A
Shoulder Room (Row 3)	N/A

Exterior Dimensions & Weight

Curb Weight MT	N/A
Curb Weight AT	4530
Ground Clearance	9.1
Height	71.6
Length	190.0
Top Type (Standard)	Hard Fixed
Top Type (Optional)	Not Applicable
Track (Front)	62.0
Track (Rear)	62.0
Weight Distribution AT (Front)	Not Listed
Weight Distribution AT (Rear)	Not Listed
Weight Distribution MT (Front)	N/A



Exterior Dimensions & Weight Continued

Weight Distribution MT (Rear)	N/A
Wheelbase	109.8
Width	73.8
Doors (Standard)	4
Doors (Maximum)	4

Origin

Manufactured in	Japan
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Standard Features:**Transmission**

- 5-Speed Electronically Controlled Adaptive Automatic Transmission With Overdrive
- Adaptive Automatic Transmission

Steering

- Telescopic Steering Column
- Power Rack and Pinion Variable Assisted Steering
- Tilt Steering Column

Suspension

- Independent Double Wishbone Front Suspension With Coil Springs, X-Reas Shock Absorbers and Sport Ride Type
- Live Solid Axle 4-Link Rear Suspension With Coil Springs, X-Reas Shock Absorbers and Sport Ride Type
- 21-mm Rear Stabilizer Bar

Electrical

- Security Pre-Wiring
- Cargo Area Power Outlet
- Battery
- Delayed Power Retention Operates Power Windows
- 1 Front Power Outlet



Braking & Traction

- Full-Time 4-Wheel Drive
- Automatic Locking Hubs
- 2-Speed Transfer Case
- TRAC Traction Control
- Vehicle Stability Control System
- Torsen(R) Center Locking Differential
- Hill Start Control
- Automatic Limited Slip Differential
- 4-Wheel Anti-Lock Brakes
- Front Power 330-mm Ventilated Disc and Rear Power 312-mm Ventilated Disc Brakes
- Electronic Brake Assistance
- Electronic Brake Force Distribution

Safety

- Driver Airbag With Dual Stage Deployment
- Passenger Airbag Cutoff Sensor Activated By Passenger Weight
- Passenger Airbag With Dual Stage Deployment
- Front and Rear Passenger Automatic Locking Retractors
- Emergency Fuel Shut-Off Device
- L A T C H
- Front Seatbelt Height Adjusters
- Second Row 3-Point Center Seatbelt
- Front and Rear Outboard 3-Point Seatbelts
- Front and Second Row Pretensioners With Force Limiters
- Side Guard Door Beams

Anti-Theft & Locks

- Child Safety Door Locks Located On Rear Doors
- Power Decklid Lock/Unlock
- Power Door Locks With Automatic Locking
- Selective Locking/Unlocking Via Key
- Vehicle Anti-Lockout Device
- Vehicle Anti-Theft Via Engine Immobilizer

Remote Controls & Remote Releases

- Remote Fuel Door Release
- Keyless Entry Operated Via Key Fob
- Multi-Function Remote Operates Door Lock/Unlock and Power Backlight Window



Seats

- Theater Style Rear Seating
- Front Driver Side Power Lumbar Support
- Upgraded Two-Tone Cloth Seats
- Front Dual Reclining Bucket Seats With Driver Side Manually Adjust 8 Ways Total, Passenger Side Adjusts 4 Ways Total, Driver Adjustable Seat Height and Manually Adjustable Headrests
- Rear 60/40 Split-Folding Bench Seat and Seatback Tumbles Forward With Fold-Down Armrest With Manually Adjustable Headrests

Storage

- Illuminated and Lockable Glovebox
- Silver Roof Rack
- Front Dual Seatback Storage Pockets
- Overhead Console Storage
- Tonneau Cover
- Covered Lower Console Storage Located On Floor With Armrest Storage
- Cargo Area Tiedowns
- Coin Tray
- 4 Front and 6 Rear Cupholders, 10 Cupholders Total
- Front and Rear Door Mounted Storage

Instrumentation

- Cruise Control
- Steering Wheel Mounted Controls For Audio and Cruise Control
- Exterior Temperature Gauge
- Trip Computer With Average Speed, Average Fuel Consumption, and Miles To Empty
- Tire Pressure Monitor
- Clock
- Warning Lights Include Low Fuel, Battery, Oil Pressure, Brake System and Door Ajar
- Tachometer With 8000-RPM

Interior Lighting

- Interior Load Area Light
- Illuminated Entry Includes Ignition Key Surround
- Front Row Reading or Map Light



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Exterior Lighting

- Automatic Headlights With Automatic Off
- Front Foglights
- Halogen Headlights

Entertainment, Communication & Navigation

- Deluxe 3-In-1 ETR(R) AM/FM Radio With 6 Speakers Total; Cassette Player With Auto-Reverse; CD Player
- In-Glass Diversity Radio Antenna

Heating, Ventilation & Air Conditioning

- Automatic Climate Control
- Interior Air Filter
- Rear HVAC Ducts

Interior, Design, Decor & Floor Covering

- Leather Steering Wheel
- Cargo Mat
- Carpet Located In Passenger Cabin and Cargo Area
- Silver Interior Trim and Leather Located On Shift Knob

Wheels & Tires

- Alloy Wheels, 17-In. X 7.5-In.
- SBRP265/65R17 RWL, Mud and Snow Tires
- Underbody Tire Carrier
- Full-Size Spare Tire

Windows, Mirrors & Wipers

- Side and Rear Dark Gray Privacy Glass
- Electrochromic Interior Rearview Mirror
- Dual Color-Keyed Power Adjustable Heated Folding Exterior Rearview Mirrors
- Power Backlight Window
- Front Dual Illuminated Vanity Mirrors
- Power Window Lockout/Override
- Front and Rear Power Windows With Driver One-Touch Up, One-Touch Down and Pinch Protection
- Rear Window Defroster
- Front and Side Green Tinted Glass
- Front Dual Cloth Sunvisors With Full Sliding Extensions
- Variable Intermittent Windshield Wipers



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- Intermittent Rear Window Wiper/Washer

Exterior, Design, Paint & Finish

- Front and Rear Gray Bumpers
- Black Running Boards
- Gray Rear Step Up Bumper
- Hood Scoop
- Front and Rear Mudguards
- Skid Plates Located On Engine, Fuel Tank and Transfer Case
- Front Air Dam
- Metallic Paint (If Selected)
- Sport Exterior Badging

MAINTENANCE

1.1 MAINTENANCE Package (Optional)

1.1.1 Maintenance Levels

The System Operators or Technical Personnel are responsible for the following Maintenance tasks and include the following:

- i. Preventive Maintenance such as Inspections.
- ii. Preventive Maintenance such as Cleaning.
- iii. Preventive Maintenance such as Services.
- iv. Corrective Maintenance such as Replacement of Items with a High Failure Rate or Wear-out Rate and which can be replaced with ease.
- v. Corrective Maintenance by Replacement of LRU's (Line Replaceable Units, Assemblies, Sub-assemblies etc.) with a High Failure Probability, High Criticality and which are within the Capability.
- vi. Recovery of Equipment from the Deployment or Units to a maintenance level for Corrective Maintenance.

1.1.2 Maintenance Equipment

Available at all repair facilities

- i. Operating Equipment and Accessories.
- ii. Maintenance Equipment. (Toolboxes)
- iii. Maintenance Items.(Service Packages)



- iv. Spares as required.
- v. Support Equipment as required.
- vi. Special Support and Test Equipment as required.
- vii. Common Support and Test Equipment as required.

1.2 MAINTENANCE ELEMENTS

1.2.1 Documentation

The following documentation is used for vehicle Maintenance:

- i. Operators Maintenance Manual (OMM) for the Operators Maintenance Tasks.
- ii. Maintenance Schedule for the definition of all Preventive Maintenance.
- iii. Workshop Repair Manual (WRM) for Technical Maintenance Tasks.
- iv. Illustrated Parts Breakdown (IPB) to identify Spare Parts.
- v. Illustrated Stock List (ISL) to identify Support Equipment and Spares.

1.2.2 Support Equipment

The following types of support equipment are used for Maintenance:

- i. Support Equipment carried in the Equipment ETS Boxes including Operating Equipment, Accessories and Maintenance Equipment.
- ii. Support Equipment as required for Preventive and Corrective Maintenance.
- iii. Support Equipment required and consists of Special Tools and Common Equipment which are within the Capability.

1.2.3 Spares

The following types of spares are required for Maintenance:

- i. Spares kept in the Equipment ETS Boxes.
- ii. Preventive and Corrective Maintenance Spares.

1.2.4 Personnel

The following operating and or technical personnel are located at all repair facilities:

- i. Auto Electricians for Vehicle and PSU Electrical.
- ii. Auto Mechanics for diesel and petrol engines.



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Armoring

Vehicle Armoring is available in all different levels depending on customer preferences. For more information on armoring levels please visit www.mushriquiconsulting.com/armorlev.htm

Vehicle in Stock Armoring Level is **B5**