



FJ CRUISER

PRELIMINARY SPECIFICATIONS

ENGINE

Type	4.0-liter, 6-cylinder, 24-valve DOHC with VVT-i, EFI, aluminum alloy block with aluminum alloy head
Bore and Stroke	3.70 x 3.74 inches
Displacement	3956 cc
Compression Ratio	10.0:1
Valve Train	4-valve/cylinder
Horsepower (SAE Net)*	239 hp @ 5,200 rpm
Torque*	278 lb-ft @ 3,700 rpm
Ignition System	Toyota Direct Ignition System (TDIS)
Fuel System	SFI
Required Fuel	91-octane unleaded
Emission Control	LEV II (Tier2 Bin5)

POWERTRAIN

Drive System Type	Rear-wheel 2WD or Part-time 4WD for automatic transmission models or Full-time 4WD for manual transmission models.		
Ratios		5-speed ECT automatic	6-speed manual
	1st	3.520	4.171
	2nd	2.042	2.190
	3rd	1.400	1.488
	4th	1.000	1.193
	5th	0.716	1.000
	6th	-	0.799
	Reverse	3.224	3.607
	Differential Ratio	3.727:1	3.909:1
Transfer Case	1.000/2.566 (high/low)		

SUSPENSION

Front	A high-mounted, double wishbone suspension and stabilizer bar	
Rear	4-link suspension with lateral rod with coil springs and stabilizer bar	
Stabilizer Bar Diameter (front/rear)	1.18 / 0.79 (2WD)	1.14 / 0.67 (4WD) inches

* The Society of Automotive Engineers revised Standard J1349, which sets forth the protocol for testing horsepower and torque as of January, 2005. The revision specifies that certain equipment be installed on the engine and operating at the time of testing, as well as the use of the manufacturer required grade of fuel during the test. Presumably, all manufacturers will be using the revised Standard for future tests.

Toyota decided to retest most of its engines using the new protocol this year. Consequently, the horsepower and torque ratings for many of our vehicles declined this year. Any changes in horsepower and torque ratings based on the implementation of the new testing protocol, however, have no impact on actual engine performance.



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BRAKES

Front	Ventilated disc
Front Diameter	12.6 inches
Front Swept Area	65.5 square inches
Rear	Ventilated disc
Rear Diameter	12.3 inches
Rear Swept Area	49.5 square inches
Parking	Center hand brake

STEERING

Type	Power-assisted variable gear rack-and-pinion
Ratio	17.1:1
Turns (lock to lock)	3.0 turns
Turning circle	41.8 feet

TIRES AND WHEELS

Wheel size	7.5 x 17 inches
Type and Material	Steel standard, Aluminum alloy (available)
Tire Size	P265/70 R17
Tire Type	Mud-and-snow-rated steel-belted radial blackwall
Spare	Full-size

ANGLE OF APPROACH/DEPARTURE

	32/29 degrees (2WD)	34/30 degrees (4WD)
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EPA ESTIMATED FUEL ECONOMY (city/highway mpg)*

	18/22 (2WD AT)	16/19 (4WD MT)	17/21 (4WD AT)
	*Actual mileage may vary		



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CAPACITIES

Engine Oil	6.4 quarts	
Fuel Tank	19.0 gallons	
Cooling System	10.4 quarts (AT)	9.9 quarts (MT)

EXTERIOR DIMENSIONS (inches)

Wheelbase	105.9	
Overall Length	183.9	
Overall Width	74.6	
Overall Height	70.9 (2WD)	71.6 (4WD)
Tread Width	Front: 63.2 Rear: 63.2	
Minimum Ground Clearance	8.7 (2WD)	9.6 (4WD)
Coefficient of Drag	0.40	

INTERIOR DIMENSIONS (inches)

Headroom	Front: 41.3
	Rear: 40.3
Legroom	Front: 41.9
	Rear: 31.3
Shoulder Room	Front: 58.4
	Rear: 53.9
Hip Room	Front: 55.4
	Rear: 51.0
EPA Cargo Volume	With rear seats folded: 66.8 (cubic feet)
	Behind rear seat: 27.9 (cubic feet)
Seating Capacity	5



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TOWING AND VEHICLE MASS (lbs.)

Curb Weight	4,050 (2WD)	4,290 (4WD M/T)	4,295 (4WD A/T)
GVWR	5,330 (2WD)	5,570 (4WD)	
Payload	1,325		
Maximum Trailer Weight	5,000		
Maximum Tongue Weight	500		
Gross Combined Weight Rating	9,200 (2WD)	9,500 (4WD)	

SAFETY FEATURES

Dual stage driver and front passenger advanced airbags; Available driver and front passenger side airbags
Driver and front passenger seatbelt pretensioners and force limiters
Three-point ALR/ELR seatbelts in all outboard and rear center seating positions (driver's belt ELR only)
Adjustable front- and rear outboard seatbelt anchors
STAR SAFETY SYSTEM™ - includes four-wheel Anti-lock Brake System with Brake Assist, Electronic Brake-force Distribution and Traction Control (Auto LSD, standard on 4x2 only) (standard on 2WD only), Vehicle Skid Control (VSC), Off Road Traction Control (TRAC) (4WD available)
Side-impact door beams
CRS top tether anchors and ISOFIX lower anchor points
Available daytime running lights
Available back sonar (2 sensors)

BASIC LIMITED WARRANTY COVERAGE

3-year/36,000-mile Comprehensive
5-year/60,000-mile Powertrain
5-year/unlimited-mileage Corrosion Perforation