

2004 Matrix Features and Specifications.[☆]

MATRIX	BASE FWD	XR FWD	XRS FWD	BASE 4WD	XR 4WD
INTERIOR:					
• Audio: AM/FM Stereo Compact Disc, 4-Speakers, Roof-Mounted Antenna	•	•		•	•
• Audio: AM/FM CD Cassette, 6-Speakers, Roof-Mounted Antenna			•		
• Climate Control: Rear Seat Heater Ducts	•				
• Climate Control: Air Conditioning, Clean Air Filter, Rear Seat Heater Ducts		•	•	•	•
• Front Seat Type: Bucket Seats	•	•	•	•	•
• Driver Seat Adjustments: Recline, Headrest-Vertical	•			•	
• Driver Seat Adjustments: Recline, Cushion Height, Headrest-Vertical		•	•		•
• Passenger Seat Adjustments: Recline, Headrest-Vertical	•	•	•	•	•
• Rear Seat Type: Rear Bench Seat	•	•	•	•	•
• Rear Seat Adjustments: Fold-Down Rear Seat (60/40), Headrest-Vertical, Fold-Down Seat Back	•	•	•	•	•
• Seats: Fabric-Covered Headrests, Fabric Seat Material	•	•	•	•	•
• Power Windows w/Driver Side Auto Down		•	•		•
• Power Door Locks		•	•	•	•
• Instrumentation: Optitron Electronic Gauges, Tachometer, Water Temperature Gauge, Outside Temperature Gauge, Dual Trip Odometer	•	•	•	•	•
• Dual Vanity Mirrors	•	•	•	•	•
• Leather-Wrapped Steering Wheel		•	•		•
• Leather-Wrapped Shift Knob (Auto Transmission Only)		•			
• Leather-Wrapped Shift Knob			•		•
• Fabric Door Trim	•	•	•	•	•
• Driver Footrest	•	•	•	•	•
• Fabric Headliner	•	•	•	•	•
• Metallic Dash Accents	•	•	•	•	•
• Interior Chrome Trim	•	•	•	•	•
• 3-Spoke Tilt Steering Wheel	•	•	•	•	•
• Tonneau Cover	•	•	•	•	•
• Driver's Seat Rear Seat Back Pocket, Centre Console Box w/Armrest	•	•	•	•	•
• Illuminated Entry		•	•	•	•
• Cargo Lamp	•	•	•	•	•
• Carpeting, Carpet Floor Mats	•	•	•	•	•

• - Standard ○ - Optional
 *Airbag Notice: The 2004 Matrix features a driver & front passenger airbag Supplemental Restraint System (SRS) which activates only in a full-frontal collision of sufficient magnitude to inflate the bags. In moderate frontal collisions, the airbags may not inflate; in a rear or side collision the airbags are designed not to inflate, so the primary protection is provided by the lap and shoulder belt system. Seatbelts must be worn at all times by all occupants.

MATRIX	BASE FWD	XR FWD	XRS FWD	BASE 4WD	XR 4WD
CONVENIENCE:					
• Digital Clock, Front & Rear Cup Holders, Accessory Power Outlets	•	•	•	•	•
• Accessory Outlet (115V)			•		
• Cruise Control		•	•	•	•
• Door Map Pockets	•	•	•	•	•
• Coat Hooks	•	•	•	•	•
• Cargo Area Tie-Down Rings, Cargo Area Side Storage Compartments, Under Cargo Area Storage Compartments	•	•	•	•	•
• Keyless Entry w/Hatch Release		•	•	•	•
• Map Lamps		•	•		•
SAFETY:					
• Dual-Stage Driver & Passenger Airbag Supplemental Restraint System (SRS)*	•	•	•	•	•
• Front Seatbelt Pre-Tensioners & Force Limiters	•	•	•	•	•
• All-Position 3-Point Lap & Shoulder Belts	•	•	•	•	•
• Adjustable "B" Pillar Shoulder Belt Anchors	•	•	•	•	•
• Anchor Points for Child Restraint Seats	•	•	•	•	•
• Child Protector Rear Door Locks	•	•	•	•	•
• Assist Grips	•	•	•	•	•
• Anti-Theft System			•		
• Remote Fuel Lid Release	•	•	•	•	•
• Warnings: Low Engine Oil Level, Low Fuel, Low Washer Fluid, Front Passenger Seatbelt, Door Ajar, Headlamps On	•	•	•	•	•
EXTERIOR:					
• 5-Door Wagon	•	•	•	•	•
• Unique Wheel Covers, Steel Wheels	•			•	
• 16" Aluminum Alloy Wheels		•			•
• 17" Aluminum Alloy Wheels			•		
• Flip-Up Rear Hatch Glass	•	•	•	•	•
• Side Window Defoggers	•	•	•	•	•
• Electric Rear Window Defroster w/Timer	•	•	•	•	•
• Tinted Glass	•	•	•	•	•
• Fuel Cap Hanger	•	•	•	•	•
• Coloured Bumpers, Chrome Tail Pipe, Front & Rear Splash Guards	•			•	
• Coloured Bumpers, Mirrors, Door Handles & Side Skirts, Chrome Tail Pipe, Front & Rear Splash Guards		•			•
• Coloured Bumpers, Mirrors, Door Handles & Full Skirt Package; Chrome Tail Pipe, Front & Rear Splash Guards			•		
• Dual Remote-Control Mirrors	•			•	
• Dual Power Remote-Control Mirrors		•	•		•
• Intermittent Wipers, Rear Window Wiper/Washer - Intermittent	•			•	

MATRIX	BASE FWD	XR FWD	XRS FWD	BASE 4WD	XR 4WD
EXTERIOR (continued):					
• Variable Intermittent Wipers, Rear Window Wiper/Washer - Intermittent			•	•	•
• Reflector-Style Halogen Headlamps	•	•	•	•	•
• Fog Lamps			•		
PACKAGES:					
BASE FWD "B" PACKAGE:					
• 16" Aluminum Alloy Wheels, Air Conditioning, Clean Air Filter, Power Door Locks, Keyless Entry, Illuminated Entry		○			
XR FWD "B" PACKAGE:					
• P215/50R17 All-Season Tires, 17" Aluminum Alloy Wheels, Antilock Braking System (ABS), Power Moonroof, Fog Lamps			○		
XRS FWD "B" PACKAGE:					
• In-Dash 6-Disc CD Changer, Power Moonroof				○	
XR 4WD "B" PACKAGE:					
• Power Moonroof, Coloured Full Skirt Package, Fog Lamps					○
ACCESSORIES:					
• All-Season Floor Mats					
• Block Heater					
• Body Kit					
• "Borla" Stainless Steel Exhaust System					
• "Borla" Stainless Steel Exhaust Tip					
• Cargo Liner, Cargo Mat					
• Cruise Control					
• Front-End Mask					
• Hood Deflector					
• Licence Plate Cover					
• Rear Bumper Protector					
• Rear Spoiler					
• Seat Covers					
• Security System					
• Side Window Visors					
• Subwoofer					
• Towing Hitch w/Bike & Ski Adapters					
• Wheel Locks					

Accessories: See your Toyota Dealer for availability. Information correct at time of printing. Subject to change without notice.

MATRIX	BASE FWD	XR FWD	XRS FWD	BASE 4WD	XR 4WD
MECHANICAL					
Engine	• 1.8 Litre, 4-Cylinder, DOHC, 16-Valve, Variable Valve Timing with intelligence (VVT-i), Sequential Multiport Electronic Fuel Injection, ULEV ¹ , Stainless Steel Exhaust System	•	•		
	• 1.8 Litre, 4-Cylinder, DOHC, 16-Valve, Variable Valve Timing with Lift & intelligence (VVTL-i) ¹ , Sequential Multiport Electronic Fuel Injection, Stainless Steel Exhaust System			•	
	• 1.8 Litre, 4-Cylinder, DOHC, 16-Valve, Variable Valve Timing with intelligence (VVT-i), Sequential Multiport Electronic Fuel Injection, LEV ¹ , Stainless Steel Exhaust System				•
Compression Ratio	• 10.0:1 • 11.5:1	•	•	•	•
Horsepower (kW)	• 123 (90.0) @ 6000 rpm • 130 (96.9) @ 6000 rpm • 180 (134) @ 7600 rpm	•	•	•	•
Torque (N.m.)	• 118 (160) @ 4200 rpm • 125 (170) @ 4200 rpm • 130 (176) @ 6800 rpm	•	•	•	•
Suspension	• Front: Independent, MacPherson Gas Struts, Coil Springs, Stabilizer Bar • Rear: Torsion Beam Type, Gas Shock Absorbers, Coil Springs, Stabilizer Bar • Rear: Independent, Double Wishbone Type, Gas Shock Absorbers, Coil Springs, Stabilizer Bar	•	•	•	•
Drivetrain	• Front Wheel Drive • Fully Automatic V-Flex 4WD	•	•		•
Transmission	• 5-Speed, Manual Overdrive • 4-Speed, Automatic, Overdrive, Lock-Up Torque Converter, ECT • 6-Speed, Manual, Close Ratio, Overdrive	•	•	•	•
Brakes	• Power-Assisted, Front Ventilated Discs, Rear Drums • Power-Assisted, ABS (Antilock Braking System), Front Ventilated Discs, Rear Discs • Power-Assisted, ABS (Antilock Braking System), Front Ventilated Discs, Rear Drums • ABS (Antilock Braking System)	•	•		•
Steering	• Power Steering, Rack & Pinion	•	•	•	•
Tires	• P205/55R16, All-Season Radials, Compact Spare Tire • P215/50R17, All-Season Radials, Compact Spare Tire	•	•	•	•
DIMENSIONS <i>mm (in.)</i>					
Length	4350 (171.3)	•	•	•	•
Width	1775 (69.9)	•	•	•	•
Height (Unloaded)	1540 (60.6) 1550 (61.0)	•	•		
Wheelbase	2600 (102.4)	•	•	•	•
Tread	Front: 1515 (59.6) Rear: 1495 (58.9) Front: 1505 (59.3) Rear: 1485 (58.5) Front: 1515 (59.6) Rear: 1500 (59.1)	•	•		
Seating Capacity	5	•	•	•	•
Ground Clearance	150.5 (5.9) 157.6 (6.2)	•	•	•	•
Headroom	Front: 1030 (40.6) Rear: 1011 (39.8)	•	•	•	•
Legroom	Front: 1062 (41.8) Rear: 922 (36.3)	•	•	•	•
Shoulder Room	Front: 1352 (53.2) Rear: 1336 (52.6)	•	•	•	•

MATRIX	BASE FWD	XR FWD	XRS FWD	BASE 4WD	XR 4WD
GROSS VEHICLE WEIGHT <i>kg (lb)</i>					
	1745 (3847) 1785 (3935)	•	•	•	•
CURB WEIGHT <i>kg (lb)</i>					
Manual	BASE FWD: 1211 (2670) XR FWD: 1220 (2690) XRS FWD: 1254 (2765)	•	•		
Automatic	BASE FWD: 1245 (2745) XR FWD: 1254 (2765) BASE 4WD: 1329 (2930) XR 4WD: 1340 (2955)	○	○		•
TOWING CAPACITY <i>kg (lb)</i>					
	680 (1500)	•	•	•	•
CARGO CAPACITY <i>m³ (cu.ft.)</i>					
Behind Front Seats – Max.	0.428 (15.1) 1.506 (53.2)	•	•	•	•
COEFFICIENT OF DRAG <i>cd</i>					
	0.32	•	•	•	•
TURNING CIRCLE <i>m (ft.)</i>					
	10.8 (35.4)	•	•	•	•
FUEL CAPACITY <i>litres (gal)</i>					
	50 (11) 45 (9.9)	•	•	•	•
FUEL CONSUMPTION RATING** <i>L/100 km mpg</i>					
City/Highway					
Manual	BASE/XR: 7.7/6.0 37/47 XRS: 9.3/7.1 30/40	•	•		
Automatic	BASE/XR: 8.3/6.5 34/43 BASE/XR: 9.1/6.9 31/41	○	○		•

• - Standard ○ - Optional
¹Meets Environment Canada and U.S. Environmental Protection Agency (EPA) and California Air Resources Board (CARB) Ultra Low Emission Vehicle (ULEV) standards or Low Emission Vehicle (LEV) standards.
¹¹Premium fuel recommended for optimum performance.
^{**}These estimates are based on the Government of Canada's approved criteria and testing methods. The actual fuel consumption of this vehicle may vary. Refer to the Government of Canada publication *EnerGuide Fuel Consumption Guide*. Information correct at time of printing. Subject to change without notice.
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