

TOYOTA PRIUS

Vehicle type: front-engine, front-wheel-drive, 5-passenger, 5-door sedan

Price as tested: \$23,668

Price and option breakdown: base Toyota Prius (includes \$515 freight), \$20,510; Option Package 7 (includes stability control, side and curtain airbags, keyless entry, fog lamps, and intermittent rear wiper), \$2255; 6-CD changer, \$589; auto-dimming rearview mirror, \$265; cargo net, \$49

Major standard accessories: power windows and locks, remote locking, A/C, cruise control, tilting steering wheel, rear defroster

Sound system: Toyota/JBL 56838 AM/FM radio/cassette/CD changer, 9 speakers

ENGINE

Type inline-4, aluminum block and head
Bore x stroke 2.95 x 3.33, 75.0 x 84.7mm
Displacement 1.8 liters, 1497cc
Expansion ratio 10.0:1
Effective Atkinson-cycle compression ratio 9.5:1
Fuel-delivery system port injection
Valve gear chain-driven double overhead cams, 4 valves per cylinder, hydraulic lifters, variable intake-valve timing

Power (SAE net) 76 bhp @ 5000 rpm
Torque (SAE net) 82 lb-ft @ 4200 rpm

ELECTRIC MOTOR

Type 3-phase AC permanent-magnet synchronous electric motor powered by 168 1.2-volt nickel-metal hydride batteries
Power (SAE net) 67 bhp @ 1200–1540 rpm
Torque (SAE net) 295 lb-ft @ 0–1200 rpm

DRIVETRAIN

Transmission continuously variable automatic
Final-drive ratio 4.11:1
Transmission ratio range infinite

DIMENSIONS

Wheelbase 106.3 in
Track, front/rear 59.3/58.3 in
Length/width/height 175.0/67.9/58.1 in
Ground clearance 5.9 in
Drag area, Cd (0.26) x frontal area (24.0 sq ft) 6.24 sq ft
Curb weight 2987 lb
Weight distribution, F/R 59.2/40.8%
Curb weight per horsepower 20.9 lb
Fuel capacity 11.9 gal

CHASSIS/BODY

Type unit construction
Body material welded-steel and aluminum stampings

INTERIOR

SAE volume, front seat 52 cu ft
rear seat 44 cu ft
luggage 16 cu ft
Front-seat adjustments fore-and-aft, seatback angle
Restraint systems, front manual 3-point belts; driver and passenger front, side, and curtain airbags
rear manual 3-point belts, curtain airbags

SUSPENSION

Front ind. strut located by a control arm, coil springs, anti-roll bar
Rear trailing arms integral with a transverse member, coil springs, anti-roll bar

STEERING

Type rack-and-pinion with electric power assist
Steering ratio 19.1:1
Turns lock-to-lock 3.7
Turning circle curb-to-curb 34.1 ft

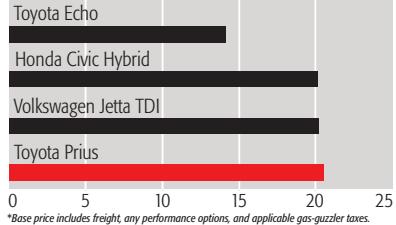
BRAKES

Type regenerative electric and electrohydraulic by wire
Front 10.0 x 0.9-in vented disc
Rear 7.9 x 1.4-in cast-iron drum

WHEELS AND TIRES

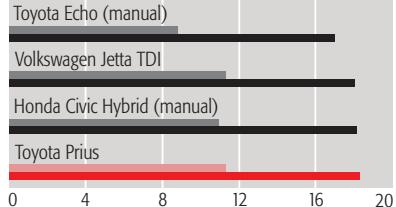
Wheel size/type 6.0 x 15 in/cast aluminum
Tires Goodyear Integrity, P185/65R15
Test inflation pressures, F/R 35/33 psi
Spare high-pressure compact on steel wheel

CURRENT BASE PRICE*

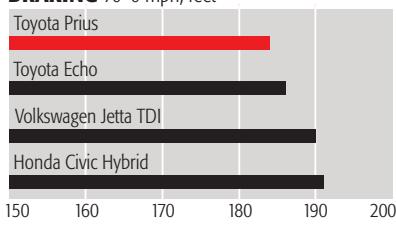


*Base price includes freight, any performance options, and applicable gas-guzzler taxes.

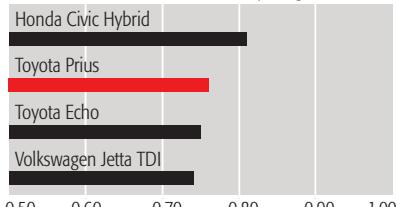
ACCELERATION



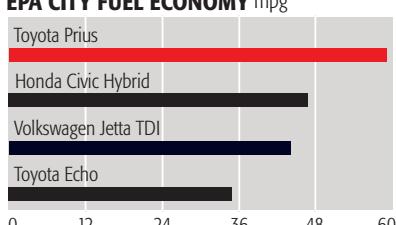
BRAKING



ROADHOLDING



EPA CITY FUEL ECONOMY



C/D TEST RESULTS

ACCELERATION

	Seconds
Zero to 30 mph	3.4
40 mph	5.6
50 mph	8.2
60 mph	11.3
70 mph	15.3
80 mph	20.5
90 mph	27.6
100 mph	39.6
Street start, 5–60 mph	11.3
Top-gear acceleration, 30–50 mph	5.5
50–70 mph	7.9
Standing 1/4-mile	18.3 sec @ 76 mph
Top speed (governor limited)	104 mph

BRAKING

70–0 mph @ impending lockup	184 ft
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HANDLING

Roadholding, 300-ft-dia skidpad	0.76 g
Understeer	minimal moderate excessive

FUEL ECONOMY

EPA city driving	59 mpg
EPA highway driving	51 mpg
C/D-observed	42 mpg

INTERIOR SOUND LEVEL

Idle, internal-combustion engine off	31 dBA
Idle, internal-combustion engine on	45 dBA
Full-throttle acceleration	70 dBA
70-mph cruising	69 dBA