

Contact:

2001 Chrysler PT Cruiser Specifications

All dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style

Four-door multi-purpose hatchback

Assembly Plant

Toluca, Mexico

Introduction Date

Spring 2000

EPA Vehicle Class

Two-wheel drive special purpose vehicle

ENGINE: 2.4-LITER, DOHC, 16-VALVE SMPI I-4

Type & Description

Displacement	Four cylinder, in line, liquid-cooled 148.2 cu in. (2429 cc)
Bore x Stroke	3.44 x 3.98 (87.5 x 101.0)
Valve System	Belt-driven DOHC, 16 valves, stamped steel roller followers, hydraulic lash adjusters
Fuel Injection	Sequential multiport, electronic
Construction	Cast Iron block, cast iron bedplate, aluminum alloy head, balance shafts
Compression Ratio	9.4:1
Power (SAE net)	150 bhp (112 kW) @ 5500 rpm - 62.5 bhp/liter
Torque (SAE net)	162 lb-ft (220 Nom) @ 4000 rpm
Max. Engine Speed	6240 electronically limited
Fuel Requirement	Unleaded regular, 87 octane R+M/2
Oil Capacity	4.5 Qt. (4.3 L) plus filter
Coolant Capacity	7.4 qt (7.0 L)
Emission Controls	3-way catalyst, heated oxygen sensor, engine modifications, EGR
Max. Gross Trailer Weight	1000 lbs (450 kg) (20 sq. ft. maximum allowable frontal area)
EPA Fuel Economy (MPG City/Hwy)	20/26 manual; 20/25 automatic
Alternator	120 A
Battery	540 A, Group 26R, maintenance-free

ENGINES: 2.0-LITER, DOHC, 16-VALVE SMPI I-4

Type & Description

Displacement	Four cylinder, in-line, liquid-cooled 121.8 cu. in (1995 cc)
Bore x Stroke	3.44 x 3.27 in. (87.5 x 83.0 mm)
Valve System	Belt-driven DOHC, 16 valves, stamped steel roller followers, hydraulic lash adjusters
Fuel Injection	Sequential multiport, electronic, returnless
Construction	Cast iron block & bedplate, aluminum alloy head, structural aluminum oil pan
Compression Ratio	9.6:1
Power (SAE net)	140 bhp (104 kW) @ 5700 rpm - 70 bhp/liter
Torque (SAE net)	139 lb-ft (188 N-m) @ 4150 rpm
Max. Engine Speed	6752 rpm manual trans., 6720 automatic trans., electronically limited
Fuel Requirement	Unleaded, 90 octane R+M/2
Oil Capacity	4 qt (3.8 L) plus filter
Coolant Capacity	7.4 qt (7.0 L)
Emission Controls	3-way catalyst, twin heated oxygen sensors (a)
Max. Gross Trailer Weight	1000 kg (2.98 sq. m maximum allowable frontal area)
Fuel Economy, European (l/100 km urban/extra-urban):	11.5/7.0 manual, 13.1/7.9 automatic
Alternator	120 A
Battery (a). Meets Euro III requirements	450 A, Group 26R, maintenance-free

TRANSAXLE: MANUAL FIVE-SPEED

Description

5-speed, overdrive; synchronized in all forward ratios; cable-operated, 3-plane shifter

Gear Ratios

1st	3.50
2nd	1.96
3rd	1.36
4th	0.971
5th	0.811
Reverse(a)	3.42
Final Drive	3.94

Overall Top-Gear 3.20
(a) Includes reverse brake

TRANSAXLES: AUTOMATIC, 4-SPEED OVERDRIVE

Description

Electronic control, electronically modulated converter clutch

Gear Ratios

1st 2.84

2nd 1.57

3rd 1.00

4th 0.69

Reverse 2.21

Effective Final Drive 3.91 w/2.4-liter engine, 4.07 w/2.0-liter engine

Overall Top Gear 2.694 w/2.4-liter engine, 2.808 w/2.0-liter engine

DIMENSIONS AND CAPACITIES

Wheelbase

103.0 (2616)

Track, Front 58.3 (1481)

Track, Rear 58.2 (1478)

Overall Length 168.8 (4288)

Overall Width @ Frt. Seat 67.1 (1705)

Overall Height (a) 63.0 (1601)

Ground Clearance (a) 6.5 (166)

Curb Weight, lbs (kg) 3123 (1418) - 2.4-liter engine w/man. trans.

3187 (1446) - 2.4-liter engine w/auto. trans.

3049 (1383) 2.0-liter engine w/man. trans.

3133 (1421) 2.0-liter engine w/auto. trans.

(all estimated)

Weight Distribution, % F/R 59/41 - 2.4-liter engine w/manual transmission at curb weight

Drag Coefficient 0.379

Fuel Tank Capacity 15.0 gal (57 L)

Payload (b) 865 lbs. (392 kg)

(a). At curb weight

(b). Includes all driver, passengers and cargo

ACCOMMODATIONS

Seating Capacity, F/R

	2/3
Front	
Head Room	
Leg Room	40.4 (1026)
Shoulder Room	40.6(1032)
Hip Room	54.6 (1386)
	54.0 (1372)
SAE Volume	51.8 cu. ft. (1.47 cu. m.)
Seat Travel	9.0 (228) horizontal - All, 1.38 (35) vertical w/optional power height adjuster
Recliner Range	54°

Rear

Head Room	
Leg Room	39.6 (1006)
Knee Clearance	40.8 (1038)
Shoulder Room	2.6 (65.8)
Hip Room	53.9 (1368.4)
	46.8 (1188)
SAE Volume	49.4 cu. ft. (1.40 cu. m.)
SAE Cargo Volume Aft of Rear Seat	19.0 cu. ft (0.538 cu. m.)

SAE Cargo Volume Rear Seats Out 64.2 cu. ft. (1.82 cu. m.)

Load Capacity 115 lbs (52 kg)

EPA Interior Volume Index 120.2 cu. ft. (3.41 cu. m.)

BODY

Layout

Transverse front engine, front-wheel drive

Construction

Steel Unibody

SUSPENSION

Front

MacPherson struts, asymmetrical lower control arms, coil springs & link-type stabilizer bar

Rear

Trailing arms, twist beam axle w/integral tubular stabilizer bar, Watt's linkage, coil springs, gas-charged shock absorbers & linked stabilizer bar

STEERING

Type

Power rack & pinion

Overall Ratio

18:1

Steering Turns

3.0

(lock-to-lock)

Turning Diameter 36.5 ft (11.1 m) w/base tires & manual transmission; 39.7 ft. (12.1 m) w/16-inch tires & automatic transmission

(curb-to-curb)

WHEELS

Standard Type & Material

Steel disc

Size

15 x 6.0

Optional Type & Material

Cast aluminum

Size

16 x 6.0

TIRES

Size & Type

P195/65R15 all season touring (a)

Mfr. & Model

Goodyear *Eagle LS*

Revs/Mile (Km)

835 (519)

Size & Type

195/65HR15 all-season performance (b)

Mfr. & Model

Goodyear NCT5

Revs/Mile (Km)

832 (517)

Size & Type

205/55HR16 all-season performance (c)

Mfr. & Model

Goodyear NCT5

Revs/Mile (Km)

837(520)

Size & Type

P205/55R16 all season (d)

Mfr. & Model

Goodyear *Eagle LS*

Revs/Mile (Km)

836 (519)

Size & Type

185/65HR15 all-season performance (e)

Mfr. & Model

Goodyear *Eagle Vector*

Revs/Mile (Km)

854 (531)

(a). Std. except Europe & RHD

(b). Std. Europe & RHD

(c). Opt. Europe & RHD

(d). Opt. except Europe & RHD

(e). Opt. Europe & RHD

BRAKES

Standard

Front

Size & Type

	Swept Area	10.94 x 0.9 (278 x 23) vented disc w/single-piston sliding caliper
		198.5 sq. in. (1281 sq. cm)
Rear	Size & Type	
	Swept Area	8.66 x 1.57 (220 x 40) drum
	Power Assist Type	86 sq. in. (556 sq. cm)
Optional		Tandem diaphragm, vacuum
Front	Size & Type	
		Same as standard w/ABS
Rear	Size & Type	
	Swept Area	10.62 x 0.35 (269 x 9) solid disc w/ single-piston sliding caliper & ABS
		173.4 sq. in. (1119 sq. cm)
Power Assist Type		Same as standard

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