

2006

CHRYSLER PT CRUISER

SPECIFICATIONS

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

GENERAL INFORMATION

Introduction Date _____ Spring 2000
Body Style _____ Four-door multi-purpose hatchback
Assembly Plant _____ Toluca, Mexico
EPA Vehicle Class _____ Two-wheel drive special purpose vehicle

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

Availability _____ Std.—Base, Touring, Limited
Type and Description _____ Four-cylinder, in-line, liquid-cooled
Displacement _____ 148.2 cu. in. (2429 cu. cm)
Bore x Stroke _____ 3.44 x 3.98 (87.5 x 101)
Valve System _____ Belt-driven DOHC, 16 valves, stamped-steel roller followers, hydraulic lash adjusters
Fuel Injection _____ Sequential, multi-port, electronic
Construction _____ Cast-iron block, cast-iron bedplate, aluminum alloy head, balance shafts
Compression Ratio _____ 9.5:1
Power (SAE net) _____ 150 bhp (112 kW) @ 5,100 rpm (62.5 bhp/L)
Torque (SAE net) _____ 165 lb.-ft. (220 N•m) @ 4,000 rpm
Max. Engine Speed _____ 6,240 rpm, electronically limited
Fuel Requirement _____ Unleaded regular, 87 octane (R+M)/2
Oil Capacity _____ 4.5 qt. (4.3L) plus filter
Coolant Capacity _____ 7.4 qt. (7.0L)
Emission Controls _____ Three-way catalyst, heated oxygen sensor, internal engine features
Max. Gross Trailer Weight _____ 1,000 lbs. (454 kg) (20 sq. ft.) maximum allowable frontal area
Estimated EPA Fuel Economy mpg (City/Hwy) _____ 21/29 manual, 20/25 automatic
Alternator _____ 120-amp
Battery _____ 540-amp, Group 26R, maintenance-free

ENGINE: 2.4-LITER, DOHC, 16-VALVE SMPI TURBOCHARGED

Availability _____ Opt.—Touring and Limited, automatic transaxle
Type and Description _____ Four-cylinder, in-line, liquid-cooled
Displacement _____ 148.2 cu. in. (2429 cu. cm)
Bore x Stroke _____ 3.44 x 3.98 (87.5 x 101)
Valve System _____ DOHC, 16 valves, hydraulic end-pivot roller followers
Fuel Injection _____ Sequential, multi-port, electronic
Construction _____ Cast-iron block, cast-iron bedplate, aluminum alloy head, balance shafts
Compression Ratio _____ 8.1:1
Power (SAE net) _____ 180 bhp (134 kW) @ 5,200 rpm (75 bhp/L)
Torque (SAE net) _____ 210 lb.-ft. (285 N•m) @ 2,800-4,000 rpm
Oil Capacity _____ 5 qt. (4.75L) with dry filter
Coolant Capacity _____ 8 qt. (7.6L)

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ENGINE: 2.4-LITER, DOHC, 16-VALVE SMPI TURBOCHARGED (CONTINUED)

Emission Controls _____ Close-coupled three-way catalyst, heated oxygen sensors and internal engine features

Max. Gross Trailer Weight _____ 1,000 lbs. (454 kg) (20 sq. ft.) maximum allowable frontal area

Estimated EPA Fuel Economy mpg (City/Hwy) _____ 19/25 automatic

Alternator _____ 136-amp

ENGINE: 2.4-LITER, DOHC, 16-VALVE SMPI HIGH OUTPUT TURBOCHARGED

Availability _____ Std.—GT

Type and Description _____ Four-cylinder, in-line, liquid-cooled

Displacement _____ 148.2 cu. in. (2429 cu. cm)

Bore x Stroke _____ 3.44 x 3.98 (87.5 x 101)

Valve System _____ DOHC, 16 valves, hydraulic end-pivot roller followers

Fuel Injection _____ Sequential, multi-port, electronic, returnless

Construction _____ Cast-iron block, cast-iron bedplate, aluminum alloy head, balance shafts

Compression Ratio _____ 8.1:1

Power (SAE net) _____ 230 bhp (171.5 kW) @ 5,100 rpm (91.7 bhp/L)

Torque (SAE net) _____ 245 lb.-ft. (332 N•m) @ 2,800–4,500 rpm

Max. engine speed _____ 6,240 rpm, electronically limited

Fuel Requirement _____ Unleaded premium, 91 octane (R+M)/2—recommended
unleaded regular, 87 octane (R+M)/2—acceptable

Oil Capacity _____ 5 qt. (4.75L) with dry filter

Coolant Capacity _____ 8 qt. (7.6L)

Emission Controls _____ Close-coupled three-way catalyst, heated oxygen sensors and internal engine features

Max. Gross Trailer Weight _____ 1,000 lbs. (454 kg) (20 sq. ft.) allowable frontal area

Estimated EPA Fuel Economy mph (City/Hwy) _____ 21/27—manual; 19/25—automatic

Alternator _____ 136-amp

Battery _____ 510-amp, Group 26R, maintenance-free

TRANSAXLE: NVG T350 MANUAL FIVE-SPEED

Availability _____ Std.—Base, Touring and Limited

Description _____ Five-speed, overdrive; synchronized in all forward ratios;
cable-operated, three-plane shifter

Gear Ratios

1st	3.55
2nd	1.96
3rd	1.36
4th	0.971
5th	0.811
Reverse	3.42

Final Drive Ratio _____ 3.94

Overall Top Gear _____ 3.19

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TRANSAXLE: GETRAG, MANUAL, FIVE-SPEED OVERDRIVE

Availability	Std.—GT
Description	Synchronized in all gears; cable-operated, three-plane shifter
Gear Ratios	
1st	3.92
2nd	2.21
3rd	1.46
4th	1.11
5th	0.88
Reverse	3.62
Final Drive Ratio	3.29
Overall Top Gear	2.89

TRANSAXLE: AUTOMATIC, FOUR-SPEED OVERDRIVE

Availability	Opt. for all models (GT includes AutoStick®)
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 Ratio	3.91
Overall Top Gear	2.694

DIMENSIONS AND CAPACITIES(a)

Wheelbase	103.0 (2616)
Track, Front	58.3 (1481)
Track, Rear	58.2 (1478)
Overall Length	168.9 (4290)
Overall Width @ Front seat	67.1 (1705)
Overall Height @ Curb weight	63.0 (1601)
Ground Clearance	6.0 (152)—Base, Touring and Limited; 5.8 (148)—GT
Estimated Base Curb Weight, lbs. (kg)	3076 (1395)—manual transaxle; 3152 (1429)—automatic transaxle
Weight Distribution, % F/R	58/42—with manual transmission at curb weight
Drag Coefficient (Base, 2.4L, naturally aspirated engine)	0.393
Fuel Tank Capacity	15 gal. (57L)
Load Capacity lbs. (kg)(b)	865 lbs. (392 kg)

(a) All dimensions measured at curb weight.

(b) Includes driver, passengers and all cargo.

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ACCOMMODATIONS

Seating Capacity, F/R _____ 2/3

Front

Head room _____ 39.2 (996)

Leg room _____ 40.6 (1032)

Shoulder room _____ 53.8 (1368)

Hip room _____ 50.1 (1273)

SAE volume _____ 49.6 cu. ft. (1.40 cu. m)

Seat travel _____ 9.0 (228) horizontal—All; 1.38 (35) vertical with optional power height adjuster

Recliner range _____ 54°

Rear

Head room _____ 39.5 (1003)

Leg room _____ 40.9 (1039)

Shoulder room _____ 53.6 (1360)

Hip room _____ 46.7 (1186)

SAE volume _____ 49.3 cu. ft. (1.40 cu. m)

SAE Cargo Volume aft of rear seat _____ 21.6 cu. ft. (0.61 cu. m)

SAE Cargo Volume rear seat out _____ 62.7 cu. ft. (1.78 cu. m)

Load Capacity _____ 115 lbs. (52 kg)

EPA Interior Volume Index _____ 120.5 cu. ft. (3.411 cu. m)

BODY

Layout _____ Transverse front engine, front-wheel drive

Construction _____ Steel unibody

SUSPENSION

Ride-tuned for Base and Touring; Sport-tuned for GT

Front _____ MacPherson struts, asymmetrical lower control arms, coil springs and link-type stabilizer bar

Rear _____ Trailer arms, twist beam axle, Watt linkage, coil springs, gas-charged shock absorbers

STEERING

Type _____ Power rack and pinion

Overall Ratio _____ 18:1

Steering Turns (lock-to-lock) _____ 3.1 with base tires and manual transaxle;

3.0 with 16-inch tires and manual transaxle;

2.8 with 16-inch tires and automatic transaxle;

2.6 with GT (17-inch tires)

Turning Diameter (curb-to-curb) _____ 36.7 ft. (11.2 m) with base tires and manual transaxle;

37.9 ft. (11.6 m) with 16-inch tires and manual transaxle;

40.2 ft. (12.3 m) with 16-inch tires and automatic transaxle;

42.0 ft. (12.8 m) with GT and automatic transaxle;

40.2 ft. (12.2 m) with GT and manual transaxle

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SPECIFICATIONS

WHEELS

Standard—Base and Touring

Type and material _____ Steel with bolt-on wheel covers with bright lug nut caps
Size _____ 15 x 6

Standard—Limited

Type and material _____ Silver painted cast-aluminum
Size _____ 16 x 6

Optional—Limited

Type and material _____ Chrome-clad cast-aluminum
Size _____ 16 x 6

Standard—GT

Type and material _____ Chrome-clad cast-aluminum
Size _____ 17 x 6

TIRES

Standard—Base and Touring

Size and type _____ P195/65R15 89T all-season touring
Mfr. and model _____ Goodyear Eagle LS
Revs per mile (km) _____ 839 (521)

Standard—Limited

Size and type _____ P205/55R16 89T all-season touring
Mfr. and model _____ Goodyear Eagle LS
Revs per mile (km) _____ 840 (522)

Standard—GT

Size and type _____ P205/50HR17 all-season extra load
Mfr. and model _____ Goodyear Eagle RS-A
Revs per mile (km) _____ 832 (517)

BRAKES

Standard—Base, Touring and Limited

Front

Size and type _____ 11 x 0.9 (280 x 23) vented disc with 2.25 (57) single-piston sliding caliper
Swept area _____ 227.2 sq. in. (1466 sq. cm)

Rear

Size and type _____ 8.97 x 1.57 (228 x 40 mm) drum
Swept area _____ 88.8 sq. in. (573 sq. cm)

Power Assist Type _____ Tandem-diaphragm vacuum

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SPECIFICATIONS

BRAKES (CONTINUED)

Standard—GT

Front

Size and type _____ 11 x 1.1 (280 x 28) vented disc with 2.25 (57) single-piston sliding caliper
with ABS and low-speed traction control

Swept area _____ 227.2 sq. in. (1466 sq. cm)

Rear

Size and type _____ 10.62 x 0.47 (270 x 12) solid disc with 1.42 (36) single-piston caliper
with ABS and low-speed traction control

Swept area _____ 85.7 sq. in. (553 sq. cm)

Power Assist Type _____ Tandem-diaphragm vacuum

Optional—Base, Touring and Limited

Front

Size and type _____ 11 x 1.1 (280 x 28) vented disc with 2.25 (57) single-piston sliding caliper
with ABS and low-speed traction control

Swept area _____ 227.2 sq. in. (1466 sq. cm)

Rear

Size and type _____ 8.97 x 1.57 (228 x 40 mm) drum and ABS

Swept area _____ 88.8 sq. in. (573 sq. cm)

Power Assist Type _____ Tandem-diaphragm vacuum