

## C - SPECIFICATIONS

### Article Text

1992 Dodge Colt

For a a a a

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Saturday, April 27, 2002 05:46PM

## ARTICLE BEGINNING

1992 ENGINE PERFORMANCE  
Service & Adjustment Specifications

Chrysler Motors: Colt, Colt 200, Summit  
Mitsubishi: Mirage

## INTRODUCTION

Use this article to quickly find specifications related to servicing and on-vehicle adjustments. This is a quick reference article to use when you are familiar with an adjustment procedure and only need a specification.

## CAPACITIES

### BATTERY SPECIFICATIONS

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Application	Amp. Hr. Rating
Type 1 .....	48
Type 2 .....	36

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### FLUID CAPACITIES

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Application	Quantity
Automatic Transaxle (1) .....	6.4 Qts. (6.0L)
Cooling System (Includes Heater & Reserve Tank) ....	5.3 Qts. (5.0L)
Crankcase (Includes Filter)	
Colt, Colt 200 & Summit .....	3.6 Qts. (3.4L)
Mirage	
1.5L .....	3.6 Qts. (3.4L)
1.6L .....	4.6 Qts. (4.3L)
Manual Transaxle (SAE 75W-85/API GL-4)	
4-Speed .....	1.8 Qts. (1.7L)
5-Speed .....	1.9 Qts. (1.8L)
Power Steering (Dexron-II) .....	1.9 Pts. (.9L)

(1) - Fill with Mitsubishi Plus, Mopar Plus or Dexron-II type automatic transmission fluid.

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## QUICK-SERVICE

### SERVICE INTERVALS & SPECIFICATIONS

### REPLACEMENT INTERVALS

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Component	Miles
Air Filter .....	30,000
Automatic Transaxle Fluid .....	30,000
Belts .....	30,000
Coolant .....	30,000
Fuel & Vapor Hoses .....	50,000
Oil .....	7500
Oil Filter .....	15,000
Spark Plugs .....	30,000
Timing Belt .....	60,000

#### BELT ADJUSTMENT

Application	Deflection	
	(1) New Belt In. (mm)	(1) Used Belt In. (mm)
1.5L .....	.21-.27 (5.3-6.8)	.31 (7.8)
1.6L .....	.28-.33 (7.1-8.3)	9.3 (.37)

(1) - With 22 lbs. (10 kg) pressure applied midway on belt run.

## MECHANICAL CHECKS

### ENGINE COMPRESSION

Check engine compression with engine at normal operating temperature at specified cranking speed, all spark plugs removed and throttle wide open.

#### COMPRESSION SPECIFICATIONS

Application (1)	Specification
Compression Ratio	
1.5L (VIN A) .....	9.2:1
1.6L (VIN Y) .....	9.2:1
Compression Pressure	
1.5L (VIN A)	
Colt, Colt 200 & Summit .....	194 psi (13.6 kg/cm <sup>2</sup> )
Mirage .....	192 psi (13.4 kg/cm <sup>2</sup> )
1.6L (VIN Y) .....	192 psi (13.4 kg/cm <sup>2</sup> )
Maximum Variation Between Cylinders ..	14 psi (1.0 kg/cm <sup>2</sup> )

(1) - See A - ENGINE/VIN ID article in the ENGINE PERFORMANCE Section for VIN information.

## VALVE CLEARANCE

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NOTE: Valve adjustment is required on 1.5L engines only. Check adjustment at 15,000 mile intervals.

#### VALVE CLEARANCE SPECIFICATIONS - 1.5L (VIN A)

Application	(1) In. (mm)
Hot Engine	
Intake .....	.006 (.15)
Exhaust .....	.010 (.25)
Cold Engine	
Intake .....	.003 (.07)
Exhaust .....	.007 (.17)

(1) - Adjust valves with engine hot.

## IGNITION SYSTEM

### IGNITION COIL

#### IGNITION COIL RESISTANCE - Ohms @ 68°F (20°C)

Application	Primary	Secondary
1.5L (VIN A) .....	.9-1.2 .....	20,000-29,000
1.6L (VIN Y) .....	.77-.95 .....	10,300-13,900

## HIGH TENSION WIRE RESISTANCE

#### HIGH TENSION WIRE RESISTANCE

Application (1)	Ohms
1.5L (VIN A)	
Coil Wire .....	(2)
No. 1 Wire .....	11,500
No. 2 Wire .....	9100
No. 3 Wire .....	9000
No. 4 Wire .....	6700
1.6L (VIN Y) .....	(2)

(1) - See A - ENGINE VIN/ID article in the ENGINE PERFORMANCE Section for VIN information.

(2) - Information not available from manufacturer.

## SPARK PLUGS

#### SPARK PLUG TYPE

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Application

Nippondenso No.

1.5L (VIN A)

Mirage ..... W16EPR-11

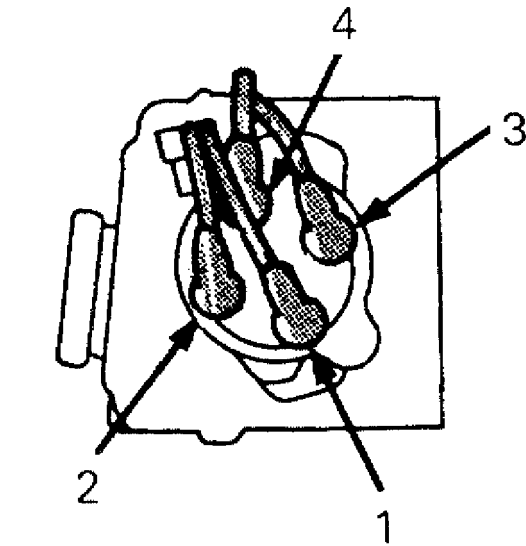
All Others ..... W20EPR-11

1.6L (VIN Y) ..... W20EPR-11

#### SPARK PLUG SPECIFICATIONS

Application	Gap In. (mm)	Torque Ft. Lbs. (N.m)
All Models .....	.039-.043 (1.0-1.1)	15-21 (20-30)

#### FIRING ORDER & TIMING MARKS



**FIRING ORDER 1-2-4-3**

**50J08326**

Fig. 1: Firing Order & Distributor Rotation (1.5L)

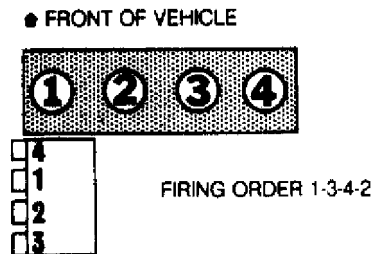


Fig. 2: Firing Order (1.6L)

#### IGNITION TIMING

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#### IGNITION TIMING (Degrees BTDC @ RPM)

Application	(1) Basic	(2)(3) Actual
1.5L		
Mirage .....	3-7 @ 650-850 .....	10 @ 650-850
Except Mirage .....	5 @ 650-850 .....	10 @ 650-850
1.6L		
Mirage .....	3-7 @ 650-850 .....	8 @ 650-850

- (1) - With ignition timing adjustment connector grounded or vacuum hose (farthest from distributor) disconnected.
- (2) - With ignition timing adjustment connector ungrounded or vacuum hose (farthest from distributor) connected. Ignition timing may fluctuate.
- (3) - If vehicle altitude is more than 2300 ft. above sea level, actual timing may be advanced.

## FUEL SYSTEM

### FUEL PUMP

#### REGULATED FUEL PRESSURE

Application	At Idle w/Vacuum psi (kg/cm <sup>2</sup> )	At Idle w/o Vacuum psi (kg/cm <sup>2</sup> )
All Models .....	38 (2.6) .....	47-50 (3.3-3.5)

## INJECTOR RESISTANCE

#### INJECTOR RESISTANCE

Application	Ohms
All Models .....	13-16

## THROTTLE POSITION SENSOR (TPS)

#### TPS SPECIFICATIONS

Application	(1) Volts
Mirage .....	.48-.52
All Models .....	.4-1.0

- (1) - At idle.

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**END OF ARTICLE**