

C - SPECIFICATIONS

1994 Mitsubishi 3000GT

1994 ENGINE PERFORMANCE
Chrysler/Mitsubishi Service & Adjustment Specifications

Dodge; Stealth
Mitsubishi; 3000GT

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.

ENGINE IDENTIFICATION

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VIN Code	Engine
VIN H	3.0L V6 (6G72) SOHC
VIN J	3.0L V6 (6G72) DOHC
VIN K	3.0L V6 (6G72) DOHC Turbo

CAPACITIES

BATTERY SPECIFICATIONS

Application	Group Size	CCA Rating
All Models	26R	520

NOTE: Refill capacities are approximate. Correct fluid level should be determined by mark on dipstick, if applicable.

FLUID CAPACITIES

Application	Quantity
Automatic Transaxle (1)	7.9 Qts. (7.5L)
Cooling System (Includes Heater & Reserve Tank)	8.5 Qts. (8.0L)
Crankcase (Includes Filter)	
Non-Turbo	4.5 Qts. (4.3L)
Turbo	5.0 Qts. (4.6L)
Differential (SAE 80W-90/API GL-5)	1.2 Qts. (1.1L)
Manual Transaxle (SAE 75W-85/API GL-4)	
FWD	2.4 Qts. (2.3L)
AWD	2.5 Qts. (2.4L)
Power Steering (Dexron-II)	
2-Wheel Steering	1.9 Pts. (.9L)
4-Wheel Steering	1.6 Pts. (1.5L)
Transfer Case (SAE 75W-85/API GL-4) .....	.7 Pt. (.3L)

(1) - Mitsubishi Plus, Mopar Plus or Dexron-II.

QUICK-SERVICE

SERVICE INTERVALS & SPECIFICATIONS

REPLACEMENT INTERVALS

Component	Miles
Air Filter	30,000
Automatic Transaxle Fluid	30,000
Coolant	30,000
Rear Axle Fluid (AWD)	30,000
Fuel Filter	30,000
Oil	
Non-Turbo	7500
Turbo	5000
Oil Filter	
Non-Turbo	15,000
Turbo	10,000
Spark Plugs	
SOHC	30,000
DOHC	60,000
Timing Belt	60,000

BELT ADJUSTMENT

Application	(1) Deflection New Belt - In. (mm)	(1) Deflection Used Belt - In. (mm)
SOHC		
Alternator & P/S .....	.15-.19 (3.8-4.8)	.... .23-.31 (5.8-7.8)
A/C .....	.25-.27 (6.3-6.8)	.... .29-.33 (7.3-8.3)
DOHC		
Alternator .....	.13-.15 (3.3-3.8)	.... .15-.19 (3.8-4.8)
P/S .....	.29-.35 (7.3-8.8)	.. .41-.49 (10.4-12.4)

(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, all spark plugs removed and throttle wide open.

COMPRESSION SPECIFICATIONS

Application (1)	Specification
Compression Ratio	
3.0L (VIN J)	10.0:1
3.0L (VIN K)	8.0:1
3.0L (VIN H)	8.9:1
Compression Pressure	
3.0L (VIN J)	185 psi (13.0 kg/cm ²)
3.0L (VIN K)	156 psi (10.9 kg/cm ²)
3.0L (VIN H)	171 psi (12.0 kg/cm ²)
Maximum Variation Between Cylinders ..	14 psi (1.0 kg/cm ²)

(1) - See ENGINE IDENTIFICATION table.

IGNITION SYSTEM

IGNITION COIL

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

Application	Primary	Secondary
3.0L (VIN H) .....	.72-.88	10,300-13,900
3.0L (VIN J & K) .....	.67-.81	11,310-15,300

HIGH TENSION WIRE RESISTANCE

NOTE: Following resistance specifications are preferred. Wire resistance should not exceed 22 k/ohms.

HIGH TENSION WIRE RESISTANCE

Application (1)	Ohms
3.0L (VIN J & K)	
Coil Wire	Not Used
No. 1 Wire	8600
No. 2 Wire	13,900
No. 3 Wire	6400
No. 4 Wire	11,500
No. 5 Wire	4500
No. 6 Wire	11,780
3.0L (VIN H)	
Coil Wire	(2)
No. 1 Wire	7800
No. 2 Wire	6400
No. 3 Wire	9600
No. 4 Wire	7500
No. 5 Wire	10,400
No. 6 Wire	8600

(1) - See ENGINE IDENTIFICATION table.

(2) - Information is not available from manufacturer.

SPARK PLUGS

SPARK PLUG TYPE

Application	Nippondenso No.
3.0L (VIN J & K)	PK20PR-P11
3.0L (VIN H)	W16EPR-11

SPARK PLUG SPECIFICATIONS

Application	Gap In. (mm)	Torque Ft. Lbs. (N.m)
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FIRING ORDER & TIMING MARKS

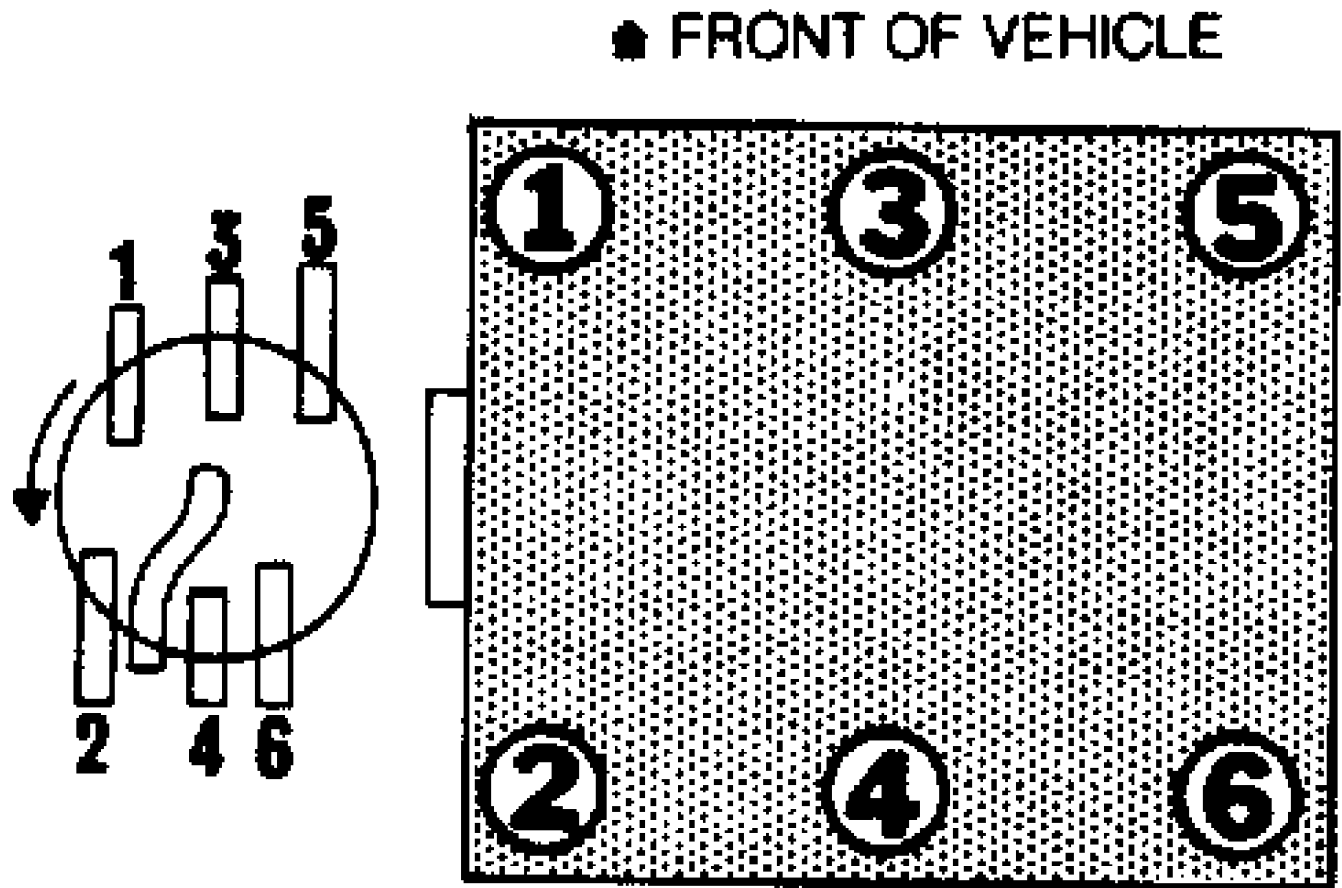


Fig. 1: Firing Order & Distributor Rotation (3.0L SOHC Stealth)

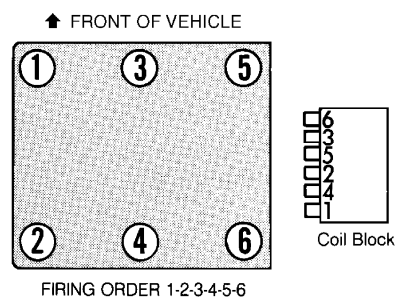


Fig. 2: Firing Order (3.0L DOHC Stealth & 3000GT)

IGNITION TIMING

IGNITION TIMING (Degrees BTDC @ RPM)

Application	(1) Basic	(2) (3) Actual
3.0L	2-8 @ 600-800	15 @ 600-800
(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 (5 degrees).		

FUEL SYSTEM

FUEL PUMP

REGULATED FUEL PRESSURE

Application	At Idle W/ Vacuum psi (kg/cm ²)	At Idle W/O Vacuum psi (kg/cm ²)
Stealth (Turbo) & 3000GT	34 (2.4)	43-45 (3.0-3.1)
All Others	38 (2.6)	47-50 (3.3-3.5)

IDLE SPEED

IDLE SPEED SPECIFICATIONS

Application	Curb Idle	Basic Idle
3.0L	600-800	600-800

INJECTOR RESISTANCE

INJECTOR RESISTANCE

Application	Ohms
Non-Turbo	13-16
Turbo	2-3

THROTTLE POSITION SENSOR (TPS)

TPS SPECIFICATIONS

Application	(1) Volts
All Models .....	.4-1.0
(1) - At idle.	

