

C - SPECIFICATIONS

Article Text

1993 Mazda 929

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Wednesday, March 24, 1999 11:48PM

ARTICLE BEGINNING

1993 ENGINE PERFORMANCE

Mazda Service & Adjustment Specifications

B2200, B2600i, Miata, MPV, MX-3, MX-6,
Navajo, Protege, RX7, 323, 626, 929

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 TABLE

AA

Application	Amp Hr. Rating
-------------	----------------

B2200 & B2600i

Standard	50
----------	----

Heavy Duty	75 or 80
------------	----------

Miata	32
-------	----

MPV

Standard	50
----------	----

Heavy Duty	65
------------	----

MX-3

4-Cyl.

Standard	50
----------	----

Heavy Duty	55
------------	----

V6	65
----	----

MX-6	58
------	----

Navajo	72
--------	----

Protege	50
---------	----

RX7

Standard	48
----------	----

Heavy Duty	55
------------	----

323	50
-----	----

626	58
-----	----

929

Standard	48
----------	----

Heavy Duty	55
------------	----

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FLUID CAPACITIES TABLE

AA

Application	Quantity
-------------	----------

Crankcase (Includes Filter)

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B2200	4.3 Qts. (4.1L)
B2600i	5.0 Qts. (4.7L)
Miata	3.6 Qts. (3.4L)
MPV	
2.6L	5.0 Qts. (4.7L)
3.0L	5.1 Qts. (4.8L)
MX-3	
1.6L	3.4 Qts. (3.2L)
1.8L	4.2 Qts. (4.0L)
MX-6	
2.0L	3.5 Qts. (3.7L)
2.5L	4.2 Qts. (4.0L)
Navajo	5.0 Qts. (4.7L)
Protege	4.0 Qts. (3.8L)
RX7	
Except R1 Option	5.2 Qts. (4.9L)
R1 Option	5.7 Qts. (5.4L)
323	3.4 Qts. (3.2L)
626	
2.0L	3.5 Qts. (3.7L)
2.5L	4.2 Qts. (4.0L)
929	5.3 Qts. (5.0L)
Cooling System (Includes Heater)	
B2200	7.9 Qts. (7.5L)
B2600i	7.9 Qts. (7.5L)
Miata	6.3 Qts. (6.0L)
MPV	
2.6L	7.6 Qts. (7.2L)
3.0L	10.3 Qts. (9.7L)
MX-3	
1.6L	6.3 Qts. (6.0L)
1.8L	7.9 Qts. (7.5L)
MX-6	
2.0L	7.4 Qts. (7.4L)
2.5L	7.9 Qts. (7.5L)
Navajo	
With A/C	8.6 Qts. (8.1L)
Without A/C	7.8 Qts. (7.4L)
Protege	
Auto. Trans.	6.3 Qts. (6.0L)
Manual Trans.	5.3 Qts. (5.0L)
RX7	9.2 Qts. (8.7L)
626	
2.0L	7.4 Qts. (7.4L)
2.5L	7.9 Qts. (7.5L)
323	
Auto. Trans.	6.3 Qts. (6.0L)
Manual Trans.	5.3 Qts. (5.0L)
929	9.9 Qts. (9.4L)
Manual Transaxle	
MX-3 (1)	2.8 Qts. (2.6L)
MX-6 (4)	2.9 Qts. (2.7L)

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Protege		
DOHC (3)	3.6 Qts. (3.4L)
SOHC (2)	2.8 Qts. (2.6L)
323 (2)	2.8 Qts. (2.6L)
626 (4)	2.9 Qts. (2.7L)
Manual Transmission (4)		
B2200 5-Spd.	.....	2.1 Qts. (2.0L)
B2600i (3)		
2WD	.....	3.0 Qts. (2.8L)
4WD	.....	3.4 Qts. (3.2L)
Miata	.....	2.1 Qts. (2.0L)
MPV	.....	2.6 Qts. (2.5L)
Navajo	.....	2.8 Qts. (2.6L)
RX7	.....	2.6 Qts. (2.5L)
Automatic Transaxle (ATF Dexron-II) (5)		
MX-3		
1.6L	.....	6.7 Qts. (6.3L)
1.8L	.....	6.1 Qts. (5.8L)
MX-6	.....	9.3 Qts. (8.8L)
Protege	.....	6.1 Qts. (5.8L)
323	.....	6.1 Qts. (5.8L)
626	.....	9.3 Qts. (8.8L)
Automatic Transmission (ATF M-III or Dexron-II)		
B2200, B2600i, Miata,		
MPV, RX7 & 929	.....	4.2 Qts. (4.0L)
Navajo	.....	3.0 Qts. (2.8L)
Front Differential (6)		
B2600i	.....	1.6 Qts. (1.5L)
MPV	.....	1.8 Qts. (1.7L)
Navajo	.....	1.7 Qts. (1.6L)
Rear Differential (6)		
B2200	.....	1.3 Qts. (1.2L)
B2600i	.....	1.8 Qts. (1.7L)
Miata	.....	.69 Qts. (.65L)
MPV	.....	1.6 Qts. (1.5L)
Navajo	.....	2.6 Qts. (2.5L)
RX7	.....	1.4 Qts. (1.3L)
929	.....	1.4 Qts. (1.3L)
Transfer Case (7)		
B2600i	.....	2.1 Qts. (2.0L)
MPV	.....	1.6 Qts. (1.5L)
Navajo	.....	1.3 Qts. (1.2L)

- (1) - For all-season conditions, use SAE 75W-90. If temperature is less than 0°F (-18°C), use ATF Dexron-II.
- (2) - Use SAE 75W-90.
- (3) - For all-season conditions, use SAE 75W-90 or ATF Dexron-II. For temperatures greater than 0°F (-18°C), use SAE 80W-90 or SAE 90.
- (4) - On Navajo, use SAE 80W-90 or SAE 75W-90. On other models, use SAE 75W-90 for all-season conditions, and SAE 80W-90 for temperatures greater than 50°F (10°C).

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- (5) - Specification is total fluid capacity of transaxle, not refill capacity after pan removal.
- (6) - On Navajo, use SAE 90. On all other models, use SAE 90 for temperatures greater than 0°F (-18°C), and SAE 80W for temperatures less than 0°F (-18°C).
- (7) - On Navajo, use Mercon ATF. On other models, use SAE 75W-90 or ATF Dexron-II for all-season conditions, and SAE 80W-90 or SAE 90 for temperatures greater than 0°F (-18°C).

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QUICK-SERVICE

SERVICE INTERVALS & SPECIFICATIONS

REPLACEMENT INTERVALS TABLE

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Component	Miles
Air Filter	30,000
Camshaft Timing Belt	60,000
Coolant	30,000
Fuel Filter	
B2200 (Carbureted)	30,000
Navajo	(1)
All Others	60,000
Oil	
Non-Turbo	7500
Turbo	5000
Oil Filter	
Non-Turbo	7500
Turbo	5000
Spark Plugs	
Navajo	60,000
All Others	30,000

(1) - Specification is not available from manufacturer.

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BELT ADJUSTMENT (NEW BELT) TABLE

AA

Application	Deflection (1) In. (mm)
-------------	----------------------------

Alternator

B2200	9/32 - 5/16 (7-8)
B2600i	25/64 - 15/32 (10-12)
Miata & MX-3 (1.6L)	5/16 - 23/64 (8-9)
MPV	
2.6L	25/64 - 15/32 (10-12)
3.0L	23/64 - 25/64 (9-10)
MX-3	15/64 - 9/32 (6-7)

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MX-6 & 626	15/64 - 9/32	(6-7)
Navajo		(2)
Protege & 323	5/16 - 23/64	(8-9)
RX7	9/32 - 5/16	(7-8)
929	25/64 - 15/32	(10-12)
A/C Compressor		
B2200	25/64 - 15/32	(10-12)
B2600i	5/16 - 25/64	(8-10)
Miata & MX-3 (1.6L)	5/16 - 23/64	(8-9)
MPV		
2.6L	5/16 - 25/64	(8-10)
3.0L	11/64 - 13/64	(4.5-5)
MX-3 (1.8L)	15/64	(6)
MX-6 & 626		
2.0L	9/32 - 23/64	(7-9)
2.5L	15/64 - 9/32	(6-7)
Navajo		(2)
Protege & 323	5/16 - 23/64	(8-9)
RX7	11/64 - 13/64	(4.5-5)
929	15/32 - 1/2	(12-13)
Power Steering		
B2200	9/32 - 5/16	(7-8)
B2600i		9/32 (7)
Miata & MX-3 (1.6L)	5/16 - 23/64	(8-9)
MPV		9/32 (7)
MX-3 (1.8L)	15/64 - 9/32	(6-7)
MX-6 & 626		
2.0L	9/32 - 23/64	(7-9)
2.5L	15/64 - 9/32	(6-7)
Navajo		(2)
Protege & 323	5/16 - 23/64	(8-9)
RX7	11/64 - 13/64	(4.5-5)
929	5/16 - 25/32	(8-10)

- (1) - Measure belt deflection by applying moderate pressure, about 22 lbs. (10 kg), to belt, midway between pulleys.
- (2) - Navajo is equipped with automatic belt tensioner.

[illegible]

MECHANICAL CHECKS

ENGINE COMPRESSION

1) Warm engine to normal operating temperature. Remove all spark plugs. On Navajo, use remote starter switch to crank engine (DO NOT crank engine with ignition switch). On all other models, disconnect ignition coil primary wire connector.

2) On all models, hold throttle plate fully open. Crank engine, and note compression pressure.

COMPRESSION RATIO TABLE

[illegible]

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Application	Specification
B2200	8.6:1
B2600i	8.4:1
Miata	
Auto. Trans.	9.4:1
Manual Trans.	9.0:1
MPV	
2.6L	8.4:1
3.0L	8.5:1
MX-3	
1.6L	9.0:1
1.8L	9.2:1
MX-6	
2.0L	9.0:1
2.5L	9.2:1
Navajo	9.0:1
Protege	
DOHC	9.0:1
SOHC	8.9:1
RX7	9.0:1
323	
California	9.3:1
Federal	9.0:1
626	
2.0L	9.0:1
2.5L	9.2:1
929	9.2:1
AA	

COMPRESSION PRESSURE SPECIFICATIONS TABLE

AA	
Application	Specifications
Compression Pressure	psi (kg/cm ²) @ RPM
B2200	173 (12.2) @ 300
B2600i	182 (12.8) @ 270
Miata	192 (13.5) @ 300
MPV	
2.6L	185 (13.0) @ 280
3.0L	164 (11.5) @ 300
MX-3	
1.6L	185 (13.0) @ 300
1.8L	192 (13.5) @ 300
MX-6	
2.0L	171 (12.0) @ 300
2.5L	203 (14.3) @ 250
Navajo	(1)
Protege	
DOHC	182 (12.8) @ 300
SOHC	173 (12.2) @ 300
RX7	100 (7.0) @ 250

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323	192 (13.5) @ 300
626		
2.0L	171 (12.0) @ 300
2.5L	203 (14.3) @ 250
929	213 (15.0) @ 270

Min. Compression Pressure

B2200	.....	121 (8.5) @ 300
B2600i	.....	142 (10.0) @ 280
Miata	.....	135 (9.5) @ 300
MPV		
2.6L	.....	142 (10.0) @ 280
3.0L	.....	121 (8.5) @ 300
MX-3	.....	142 (10.0) @ 300
MX-6		
2.0L	.....	119 (8.4) @ 300
2.5L	.....	142 (10.0) @ 250
Navajo	.....	(1)
Protege		
DOHC	.....	128 (9.0) @ 300
SOHC	.....	121 (8.5) @ 300
RX7	.....	79 (5.5) @ 250
323	.....	135 (9.5) @ 300
626		
2.0L	.....	119 (8.4) @ 300
2.5L	.....	142 (10.0) @ 250
929	.....	157 (11.0) @ 270

Maximum Variation

Between Cylinders

psi (kg/cm²)

Miata, Protege & 323	.....	28 (2.0)
Navajo	.....	(1)
RX7	.....	21 (1.5)
All Others	.....	(2)

(1) - Measurement of lowest cylinder must be within 75 percent of highest cylinder.

(2) - Information is not available from manufacturer.

AA

VALVE CLEARANCE

NOTE: All piston engines are equipped with hydraulic valve lash adjusters. Valve clearance is not adjustable.

IGNITION SYSTEM

IGNITION COIL

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

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Application	Primary	Secondary
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B2200

Carbureted	1.0-1.3	6000-30,000
PFI	.81-.99	6000-30,000
B2600i	.81-.99	6000-30,000
Miata	.78-.94	11,200-15,200

MPV

2.6L (4-Cyl.)		
Right Side	.77-.95	6000-30,000
Left Side	900-1100	
3.0L (V6)	.81-.99	6000-30,000

MX-3

1.6L	.81-.99	10,300-16,000
1.8L	.58-.86	11,500-18,500
MX-6 & 626	.58-.86	11,500-18,500

Navajo	.5	(1)
--------	----	-----

Protege & 323	.81-.99	10,000-16,000
---------------	---------	---------------

RX7

Leading	0-1.0	9600-16,000
Trailing	0-1.0	Infinity

929

Left Side	.77-1.0	9000-17,000
Right Side	900-1100	

(1) - Information is not available from manufacturer.

AA

DISTRIBUTOR SENSORS

NOTE: For models not listed in tables, see BASIC DIAGNOSTIC PROCEDURES article for crank angle sensor testing.

DISTRIBUTOR PICK-UP COIL RESISTANCE TABLE (1)

AA

Application	Ohms
-------------	------

B2200 (Carbureted)	900-1200
--------------------	----------

MPV 3.0L

Check Ignitor Terminals	
"COM" & "Ne"	205-255
"COM" & "G1"	205-255
"COM" & "G2"	205-255

(1) - Other distributors use LED or Hall-Effect sensors.

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CRANK ANGLE SENSOR RESISTANCE TABLE

AA

Application	Ohms
-------------	------

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MX-3 1.8L (At Crankshaft Pulley)	520-580
MX-6 & 626 2.5L (At Crankshaft Pulley)	520-580
RX7 (At Crankshaft Pulley)	950-1250
929 (At Crankshaft Pulley)	950-1250
AA	

HIGH TENSION WIRE RESISTANCE

High tension wire resistance should not exceed 4900 ohms per foot (7000 ohms per foot on Navajo).

SPARK PLUGS

SPARK PLUG TYPE TABLE

AA

Application	NGK No.
B2200	
Carbureted	BPR5ES or BPR6ES
PFI	BPR5ES-11 or BPR6ES-11
B2600i	ZFR5F-11 or ZFR6F-11
Miata	BKR5E-11, BKR6E-11 or BKR7E-11
MPV	ZFR5F-11 or ZFR6F-11
MX-3	BPR5ES-11 or BPR6ES-11
MX-6 & 626	
2.0L	BKR5E-11 or BKR6E-11
2.5L	ZFR5F-11 or ZFR6F-11
Navajo	(1)
Protege DOHC	BKR5E-11, BKR6E-11 or BKR7E-11
Protege SOHC	BKR5E-11 or BKR6E-11
RX7	
Leading	BUR7E-QP
Trailing	BUR9E-QP
323	
California	BPR5ES-11 or BPR6ES-11
Federal	BKR5E-11 or BKR6E-11
929	BKR5EVX-11 or BKR6EVX-11

(1) - Use Motorcraft spark plug number AWSF-42PP.

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SPARK PLUG SPECIFICATIONS TABLE

AA

Application	Gap		Torque	
	In.	(mm)	Ft. Lbs.	(N.m)
B2200 (Carbureted) ....	.031	(.80)	13	(18)
Navajo054	(1.4)	13	(18)
RX7	(1) .044-.066	(1.1-1.7)	13	(18)
All Others041	(1.0)	13	(18)

(1) - Gap is not adjustable.

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FIRING ORDER & TIMING MARKS

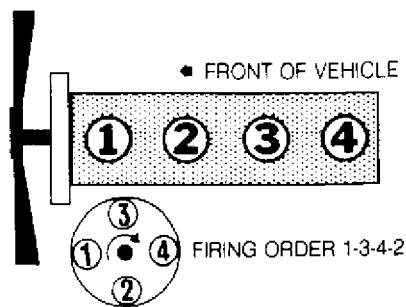


Fig. 1: Firing Order & Distributor Rotation (B2200, B2600i & MPV 2.6L)

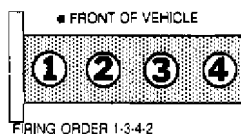


Fig. 2: Firing Order (Miata)

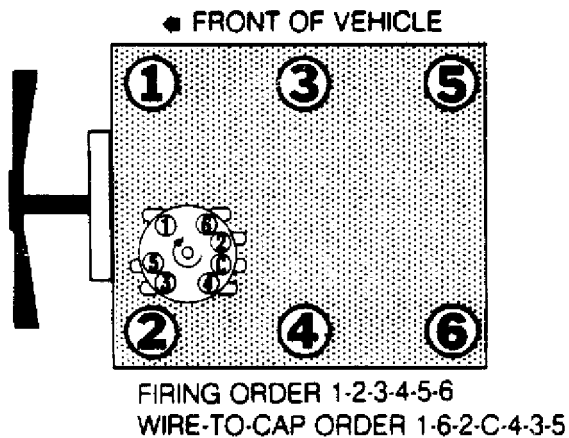


Fig. 3: Firing Order & Distributor Rotation (MPV 3.0L & 929)

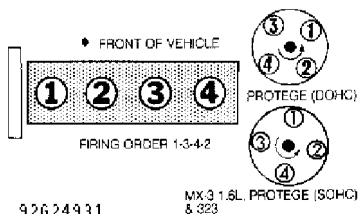
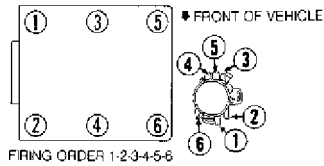


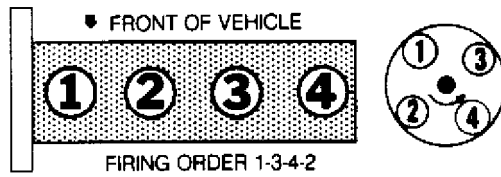
Fig. 4: Firing Order & Distributor Rotation (MX-3 1.6L, Protege & 323)

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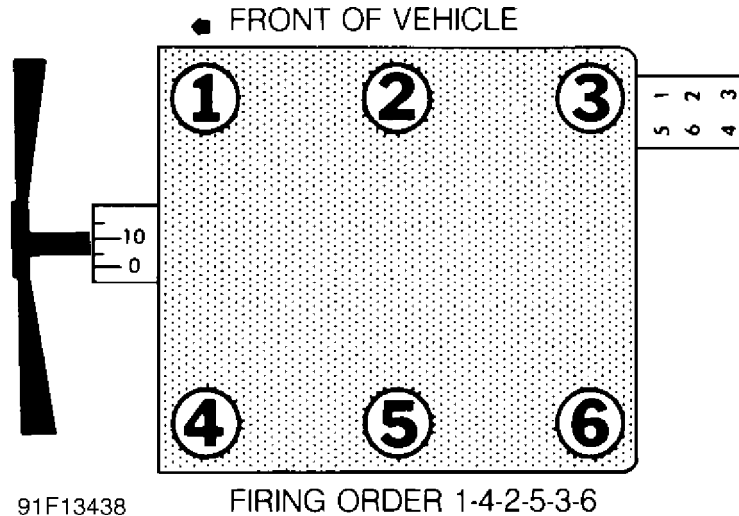
92H24932

Fig. 5: Firing Order & Distributor Rotation (MX-3 1.8L, MX-6 2.5L & 626 2.5L)



93H78482

Fig. 6: Firing Order & Distributor Rotation (MX-6 & 626 2.0L)



91F13438

Fig. 7: Firing Order & Coil Pack (Navajo)

IGNITION TIMING

IGNITION TIMING SPECIFICATIONS TABLE (Degrees BTDC @ RPM)

Application Man. Trans. (1) Auto. Trans.

B2200

Carbureted	6 @ 825	6 @ 825
PFI (2)	6 @ 750	6 @ 770
B2600i (2)	5 @ 750	5 @ 770
Miata (3)	10 @ 850	8 @ 850

MPV

2.6L (2)	N/A	5 @ 770
3.0L (2)	N/A	11 @ 800

MX-3

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1.6L (3)	10 @ 750	10 @ 750
1.8L (3)	10 @ 670	10 @ 670
MX-6 & 626				
2.0L (3)	12 @ 700	12 @ 700
2.5L (3)	10 @ 650	10 @ 650
Navajo	.....	(4)	.....	(4)
Protege				
DOHC (3)	.....	10 @ 750	.....	10 @ 750
SOHC (3)	.....	5 @ 750	.....	5 @ 750
RX7				
Leading (3)	.....	(5) 5 @ 725	.....	(5) 5 @ 725
Trailing (3)	.....	(5) 20 @ 725	.....	(5) 20 @ 725
323 (3)	.....	7 @ 750	.....	7 @ 750
929 (3)	.....	N/A	.....	12 @ 700

- (1) - Place automatic transmission in Park.
- (2) - Connect jumper wire between Green test connector and ground.
- (3) - Connect jumper wire between terminals TEN and GRN of diagnostic connector.
- (4) - Base (initial) timing is preset at 10 degrees BTDC and is not adjustable. To check timing, see appropriate D - ADJUSTMENTS article.
- (5) - Timing specification is AFTER TDC and is not adjustable.

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DISTRIBUTOR SPECIFICATIONS

NOTE: On models with computer-controlled ignition, see appropriate G - TESTS W/ CODES article to diagnose ignition timing problems.

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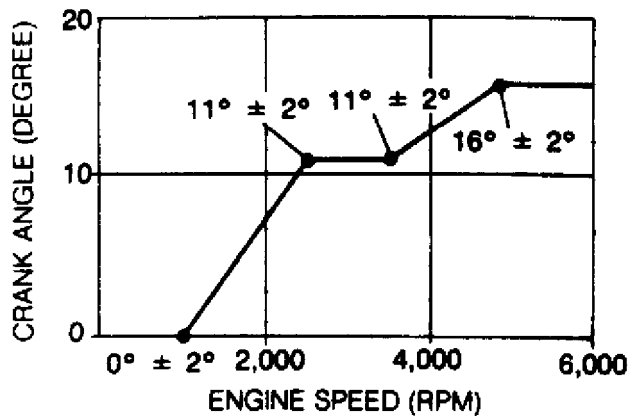
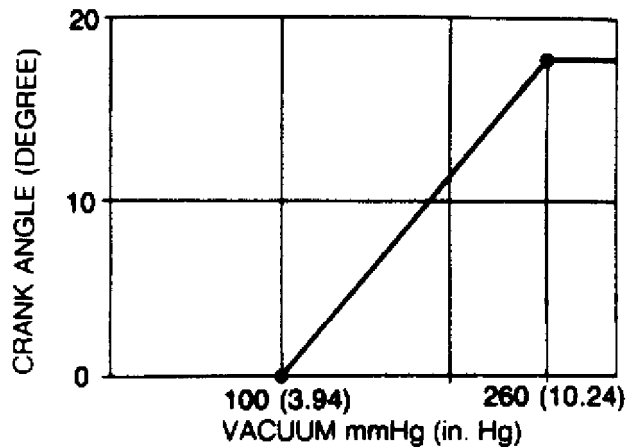


Fig. 8: Ignition Advance Curve (B2200 Carbureted)
Courtesy of Mazda Motors Corp.

FUEL SYSTEM

FUEL PUMP

NOTE: Fuel pump performance measures fuel pressure and volume availability, not regulated fuel pressure.

FUEL PUMP PERFORMANCE TABLE

Application	Pressure		Min. Vol. In 30 Sec.	
	psi	(kg/cm ²)		Pts. (L)
B2200 (Carbureted)				
Electric Pump	2.8-3.6	(.20-.25)	1.1	(.66)
Mechanical Pump	3.7-4.7	(.26-.33)	.9	(.43)
Navajo	(1)		.95	(.49)
MX-6 & 626 (2.5L)	72-92	(5.5-6.5)	(1)	
All Others	64-92	(4.5-6.5)	(1)	

(1) - Information is not available from manufacturer.

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REGULATED FUEL PRESSURE TABLE

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Application	At Idle W/ Vacuum		At Idle W/O Vacuum	
	psi (kg/cm ²)		psi (kg/cm ²)	
B2200 (PFI) & B2600i	28-37 (2.0-2.6)	38-46 (2.7-3.2)
Miata, MX-6 & 626	31-38 (2.2-2.7)	.....	38-46 (2.7-3.2)
MPV	30-37 (2.1-2.6)	.....	38-46 (2.7-3.2)
MX-3, Protege & 323	30-37 (2.1-2.6)	.....	38-46 (2.7-3.2)
RX7	27-32 (1.9-2.3)	.....	36-38 (2.5-2.7)
Navajo	(1)	.....	(2)
929	31-38 (2.2-2.7)	.....	38-46 (2.7-3.2)

(1) - Pressure should be 30-45 psi (2.2-3.2 kg/cm²) with engine running and 35-45 psi (2.5-3.2 kg/cm²) with ignition on and engine off.

(2) - Information is not available from manufacturer.

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INJECTOR RESISTANCE

INJECTOR RESISTANCE TABLE

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Application	Ohms
Navajo	13-16
Except Navajo	12-16

AA

IDLE SPEED & MIXTURE

IDLE SPEED SPECIFICATIONS

AA

Application	Man. Trans.		(1) Auto. Trans.	
	RPM		RPM	
B2200				
Carbureted	825	.....	825
PFI (2)	750	.....	770
B2600i (2)	750	.....	770
Miata (3)	850	.....	850
MPV				
2.6L (2)	750	770
3.0L (2)	800	800
MX-3 (3)				
1.6L	750	750
1.8L	670	670
MX-6 & 626 (3)				
2.0L	700	700

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2.5L	650	650
Navajo	(4)	(4)
Protege (3)	750	750
RX7 (3)	725	725
323 (3)	750	750
929 (3)	N/A	700

- (1) - Place automatic transmission in Park.
- (2) - Connect jumper wire between Green test connector and ground.
- (3) - Connect jumper wire between terminals TEN and GRN of diagnostic connector.
- (4) - Idle speed is not adjustable, however, throttle angle (minimum air rate) can be set using special procedure. See D - ADJUSTMENTS article.

AA

FAST (COLD) IDLE SPEED

FAST (COLD) IDLE SPEED TABLE

AA

Application	RPM
-------------	-----

B2200 (Carbureted)	..... (1) 3000-4000
RX7	..... (2) Not Adjustable

- (1) - Adjust with throttle lever on highest step of fast idle cam.
- (2) - See D - ADJUSTMENTS article for checking procedure.

AA

DASHPOT SPECIFICATIONS

DASHPOT SPECIFICATIONS TABLE (1)

AA

Application	RPM
-------------	-----

B2200 (Carbureted M/T)	..... 2700-2900
Miata	..... 2350-2650
MPV (3.0L)	..... 3200-3800
MX-3 (1.6L)	..... About 3000
Protege	
DOHC About 3500
SOHC About 2700
RX7 2600-3000
323 About 3000

- (1) - See D - ADJUSTMENTS article.

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THROTTLE POSITION (TP) SENSOR

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NOTE: For information on connector terminal identification and test conditions specified in the following tables, see D - ADJUSTMENTS article.

TP SENSOR VOLTAGE (B2200 PFI, B2600i & MPV 2.6L)

AA

Red Wire Volts	Blue Wire (1) Volts	(2) Blue Wire Volts
-------------------	------------------------	------------------------

4.50-4.59	..... .37-.54	..... 3.58-4.23
4.60-4.69	..... .38-.55	..... 3.66-4.32
4.70-4.79	..... .39-.56	..... 3.74-4.41
4.80-4.89	..... .40-.57	..... 3.82-4.51
4.90-4.99	..... .40-.58	..... 3.90-4.60
5.00-5.09	..... .41-.60	..... 3.97-4.70
5.10-5.19	..... .42-.61	..... 4.05-4.79
5.20-5.29	..... .43-.62	..... 4.13-4.88
5.30-5.39	..... .44-.63	..... 4.21-4.98
5.40-5.49	..... .44-.64	..... 4.29-5.07
5.50	..... .44-.66	..... 4.29-5.17

(1) - Closed throttle.

(2) - Wide Open Throttle.

AA

TP SENSOR CONTINUITY TABLE (MIATA, MX-3 1.6L, PROTEGE & 323 - A/T)

AA

Test Condition (1)	(2) Continuity
--------------------	----------------

.004" (.1 mm)	..... Yes
.024" (.6 mm)	..... No

(1) - Insert feeler gauge of specified thickness between throttle lever and throttle stop screw.

(2) - Check continuity with ohmmeter connected between TP sensor terminals "E" and IDL.

AA

TP SENSOR CONTINUITY TABLE (MIATA, MX-3 1.6L, PROTEGE & 323 - M/T)

AA

Test Condition	Continuity Between IDL & TL/E	Continuity Between POW & TL/E
----------------	-------------------------------	-------------------------------

Miata

.016" (.4 mm) (1)	..... Yes	..... No
.027" (.7 mm) (1)	..... No	..... No
Wide Open Throttle No Yes
MX-3, Protege & 323		
.004" (.10 mm) (1) Yes No
.039" (1.0 mm) (1) No No
Wide Open Throttle No Yes

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- [illegible]

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TP SENSOR RESISTANCE TABLE (NAVAJO)

AA

Test Condition (1) Ohms

Throttle Closed (2) 500-1200

(1) - Check resistance between Gray/Red wire and Gray/White wire terminals.

(2) - TP sensor is not adjustable.

AA

TP SENSOR VOLTAGE TABLE (RX7)

AA

Wire Color	Closed Throttle	Wide Open Throttle
To Ground	Volts	Volts

Green/Red (3F) (1)75-1.25	4.8-5.0
--------------------------	----------------	---------

Black/Green (3G) (1)	0.7-1.0	4.2-4.6
----------------------------	---------------	---------

(1) - PCM terminal pin No. in parentheses.

AA

THROTTLE (IDLE) SWITCH

THROTTLE (IDLE) SWITCH VOLTAGE TABLE (B2200 CARBURETED)

AA

RPM Volts

825 (Idle) About 12

1000-1200 Less Than 1.5

AA

END OF ARTICLE