

A - ENGINE/VIN ID

1991 Mazda Miata

1991 ENGINE PERFORMANCE
Mazda Introduction

MODEL COVERAGE

MODEL COVERAGE TABLE

MODEL	BODY CODE	ENGINE (1)	ENGINE ID	FUEL SYSTEM	IGNITION SYSTEM
B2200	11, 12, 21 22, 31, 32	2.2L (8-Valve)	3	2V/PFI (2)	HEI (2) (3)
B2600i	11, 31, 41 51, 61	2.6L (12-Valve)	4	PFI	ESA (4)
Miata	35	1.6L (16-Valve)	1 (5)	PFI	ESA (4)
MPV	52, 62	2.6L (12-Valve)	521, 621	PFI	Magnetic
		3.0L V6	522, 523	PFI	Magnetic
MX-6	31	2.2L (12-Valve) (6)	B, D, 2, 4	PFI	Magnetic (6)
Navajo	44	4.0L V6	X	PFI	DIS (7)
Protege	22	1.8L (16-Valve) (8)	4, 6, 8	PFI	Magnetic
RX7	33, 35	1.3L Rotary (9)	331, 332 351, 352	SFI	ESA (4)
323	23	1.6L (8-Valve)	2, 4	PFI	Magnetic
626	22, 24	2.2L (12-Valve) (6)	B, D, 2, 4	PFI	Magnetic (6)
929	22	3.0L V6 (10)	2, 4	PFI	Magnetic

- (1) - See illustrations for engine code and serial number location.
 (2) - California models have PFI systems with Electronic Spark Advance (ESA) ignition system.
 (3) - High Energy ignition system (HEI).
 (4) - Electronic Spark Advance (ESA) ignition system.
 (5) - Engine ID for Canadian models is "2".
 (6) - GT model is turbocharged and intercooled with Electronic Spark Advance (ESA) ignition system.
 (7) - Distributorless ignition system (DIS).
 (8) - LX model has 1.8L 4-cyl. DOHC (16-valve) engine.
 (9) - Turbo model is intercooled rotary engine.
 (10) - 929S has 3.0L V6 DOHC (24-valve) engine.

VIN DEFINITION (Except Navajo)

Numbers preceding the explanations in the legend below refer to the sequence of characters as listed on VIN identification label.

(VIN) J M 1 B D 2 3 1 7 M 0 5 0 0 0 0 1
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

- 1 - Indicates Nation of Origin.
- 2 - Indicates Manufacturer.
- 3 - Indicates Vehicle Type.
- 4 & 5 - Indicates Model.
- 6 & 7 - Indicates Body Style.
- 8 - Indicates Modification.
- 9 - Indicates Check Digit.
- 10 - Indicates Model Year.
- 11 - Assembly Plant.
- 12-17 - Indicates Production Sequence.

VIN DEFINITION (Navajo Only)

(VIN) 4 F 2 D U 4 4 X 7 M U M 0 0 0 0 1
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

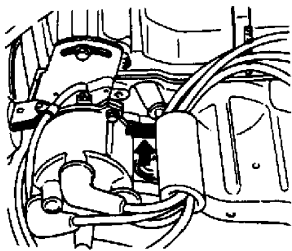
- 1 - Indicates Manufacturer.
- 2 - Indicates Make.
- 3 - Indicates Vehicle Type.
- 4 - Indicates Brake System/GVWR.
- 5-7 - Indicates Model or Line/Series/Chassis/Cab Type.
- 8 - Indicates Engine Type.
- 9 - Indicates Check Digit.
- 10 - Indicates Model Year.
- 11 - Indicates Assembly Plant.
- 12 - Indicates Mazda.
- 13-17 - Indicates Production Sequence.

MODEL YEAR VIN CODE APPLICATION TABLE

VIN Code	Model Year
K	1989
L	1990
M	1991

ENGINE CODE LOCATION

ENGINE CODE LOCATION

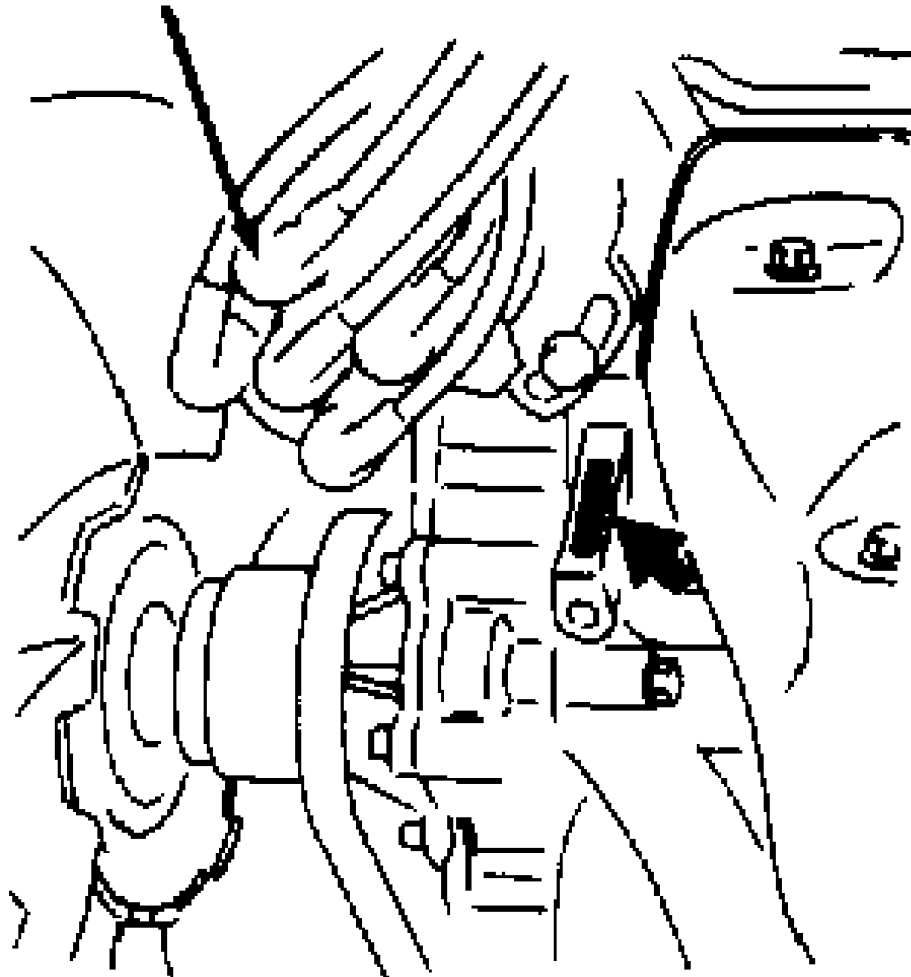


B2200 2.2L 4-CYLINDER
 91J16674

Fig. 1: B2200 2.2L 4-Cylinder
 Courtesy of Mazda Motors

ENGINE CODE LOCATION

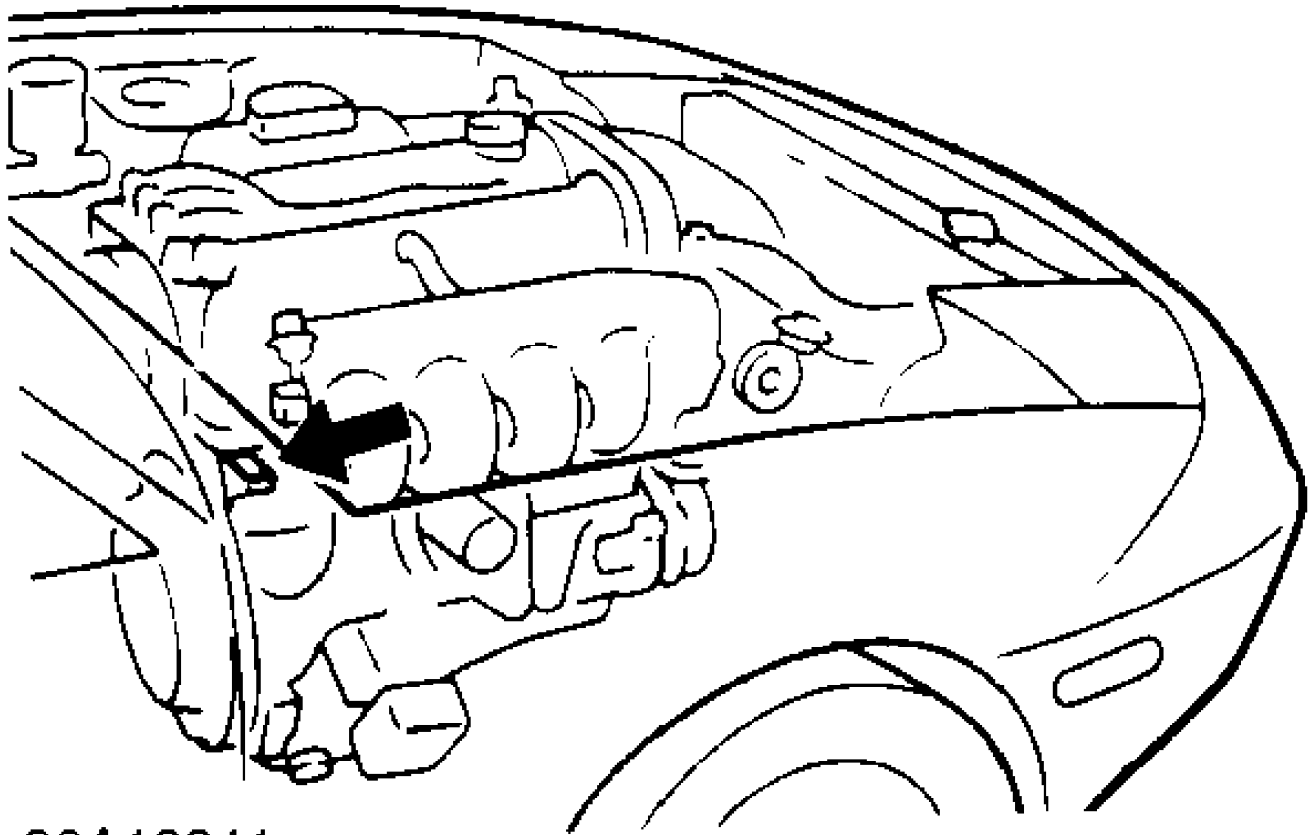
Distributor



B2600i 2.6L 4-CYLINDER

91A16675

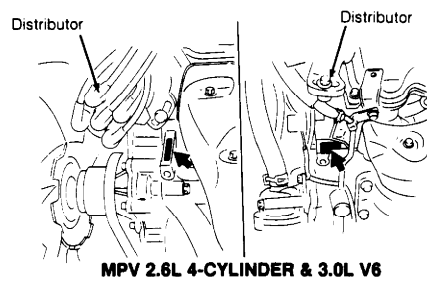
Fig. 2: B2600i 2.6L 4-Cylinder
Courtesy of Mazda Motors



90A18341

Fig. 3: Miata 1.6L 4-Cylinder
Courtesy of Mazda Motors

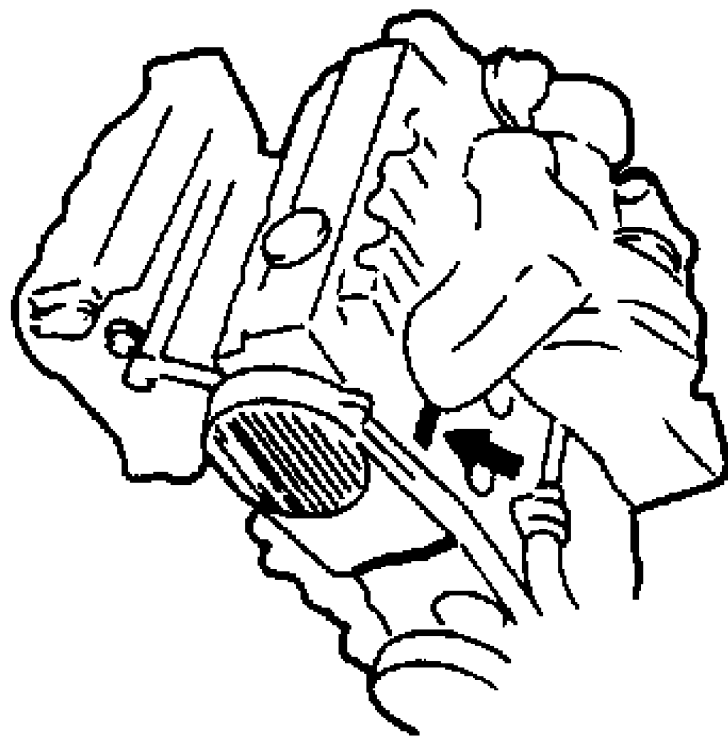
ENGINE CODE LOCATION



MPV 2.6L 4-CYLINDER & 3.0L V6

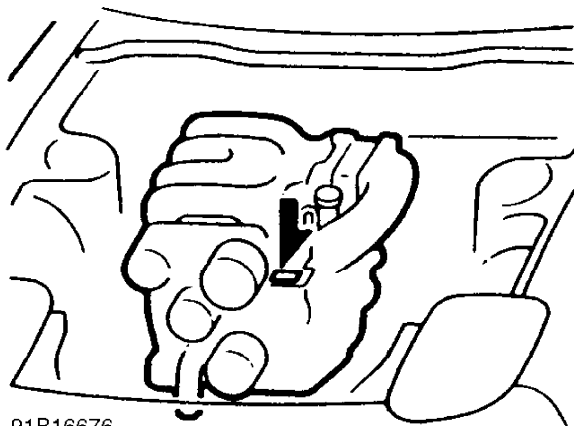
119550

Fig. 4: MPV 2.6L 4-Cylinder & 3.0L V6
Courtesy of Mazda Motors

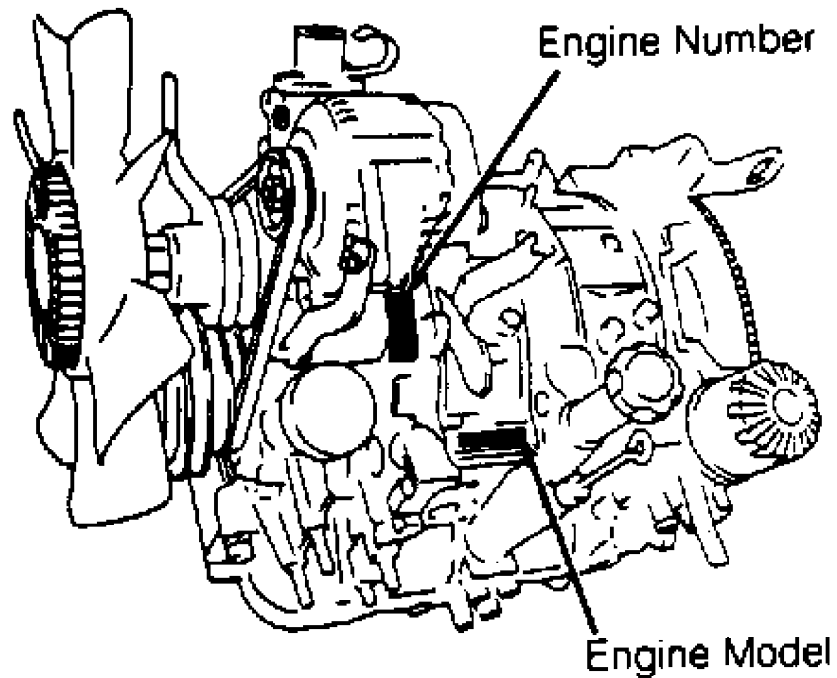


MX-6 & 626 2.2L 4-Cyl.

Fig. 5: MX-6 & 626 2.2L 4-Cylinder
Courtesy of Mazda Motors

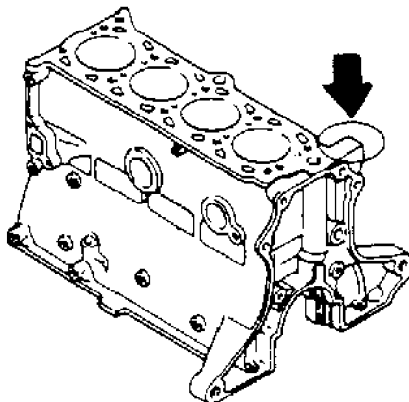


91B16676
Fig. 6: Protege 1.8L 4-Cylinder
Courtesy of Mazda Motors



RX7 1.3L Rotary

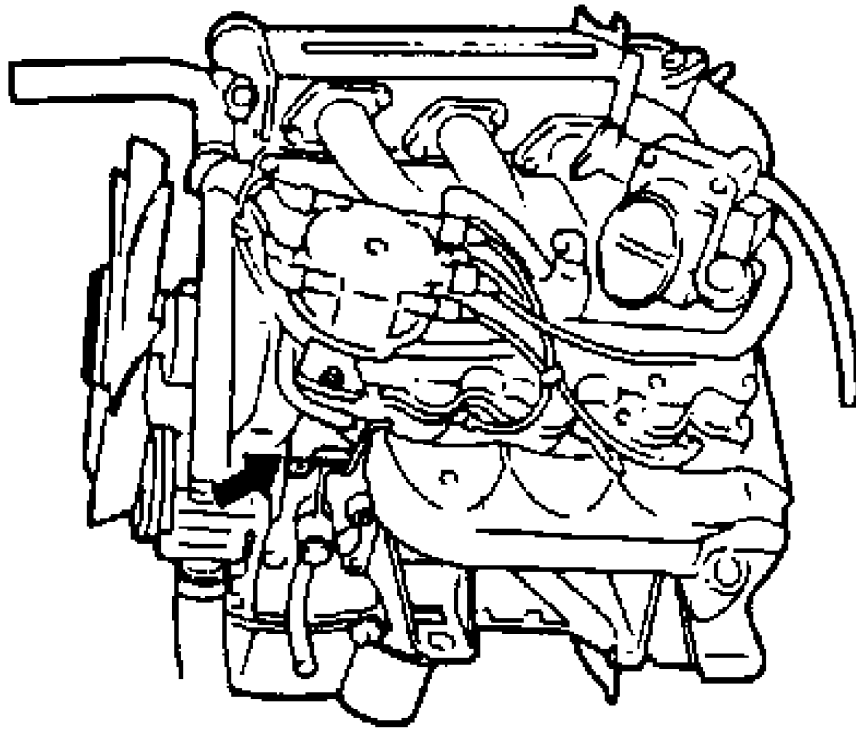
Fig. 7: RX7 1.3L Rotary
Courtesy of Mazda Motors



MX-3 & 323 1.6L 4-CYLINDER

91C16677

Fig. 8: 323 1.6L 4-Cylinder
Courtesy of Mazda Motors



929 3.0L V6

Fig. 9: 929 3.0L V6
Courtesy of Mazda Motors