

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer Mazda Motor Corporation	Vehicle Line Mazda MX-6	
Mailing Address 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima	Issued December / 1993	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.



Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

1994 MY MAZDA MX-6

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	Mazda Motor Corporation
Where built (country)	U.S.A.
Authorized U.S. salesmarketing representative	Mazda Motor of America, Inc.

Vehicle Models

Model Description & Drive (FWD / RWD / AWD / 4WD)	Make, Vehicle Models Series, Body type	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms	EPA Fuel Economy (City/Hwy)
Mazda MX-6 (FWD)	2door coupe	2 / 2	-	26 / 34 (MT) 23 / 31 (AT)
Mazda MX-6 LS (FWD)	2door coupe	2 / 2	-	21 / 26 (MT) 20 / 26 (AT)

1994 MY MAZDA MX-6

Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

			A	B	C	D
ENGINE	Engine Code		FSD	←	KLD	←
	Displacement (Liters)		1.991 L	←	2.496 L	←
	Induction/ system (FI, Carb, etc.)		EGI	←	←	←
	Compression ratio		9.0	←	9.2	←
	SAE Net at RPM	Power kW (bhp)	118 HP @5500(Fed.) 114 HP @5500(Calif.)	118 HP @5500	164 HP @5600(Fed.) 160 HP @5500(Calif.)	←
		Torque N-m (lb. ft.)	127 lb-ft @4500(Fed.) 124 lb-ft @4500(Calif.)	127 lb-ft @4500	160 lb-ft @4800(Fed.) 156 lb-ft @5000(Calif.)	←
	Exhaust (single, dual)		Single	←	Semi-dual	←
TRANS	Transmission / Transaxle		5 MT	4 AT	5 MT	4 AT
	Effective Final Drive / Axle Ratio		4.105	3.770	4.105	4.157

[illegible]

MVMA Specifications

1994 MY MAZDA MX-6

Engine Code / Description		FSD (2.0 L)	KLD (2.5 L)
ENGINE — GENERAL			
Type & description		Inline, Front Transverse, DOHC, 16 valve combustion chambers	V6-60°, Front Transverse, DOHC, 24 valve combustion chambers
Manufacturer		Mazda	—
Number of cylinders		4	6
Bore		83 mm	84.5 mm
Stroke		92 mm	74.2 mm
Bore spacing (C / L to C / L)		91 mm	97.5 mm
Cylinder block material & mass kg (lbs.)(machined)		Cast iron	Cast aluminum alloy
Cylinder block deck height		211.5 mm	204.4 mm
Cylinder block length		405.5 mm	381.65 mm
Deck clearance (minimum)(above or below block)		1.2 mm	0.77 mm (below block)
Cylinder head material & mass kg (lbs.)		Cast aluminum alloy	—
Cylinder head volume cm3 (inches3)		37.9 cm3	38.4 cm3
Cylinder liner material		Cast iron	—
Head gasket thickness(compressed)		0.75 mm	0.43 mm
Minimum combustion chamber total volume cm3 (inches3)		64.84 cm3	49.5 cm3
Cyl. no. system (front to rear)*	L. Bank	1,2,3,4	2,4,6
	R. Bank	N/A	1,3,5
Firing order		1 - 3 - 4 - 2	1 - 2 - 3 - 4 - 5 - 6
Intake manifold material & mass kg (lbs.)**		Cast aluminum alloy	Cast aluminum alloy & 6
Exhaust manifold material & mass kg (lbs.)**		Stainless steel pipe	Cast iron & 4
Knock sensor (number & location)		N/A	1 & between banks
Fuel required unleaded, diesel, etc.		Unleaded	—
Fuel antilock index (R + M) + 2		87 minimum	—
Engine mounts	Quantity	5	—
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	1,2,4,5 (2,4,5 w/Auto.) - Elastomeric 3 (1,? w/Auto.) - Hydroelastic	2,4,5 (1,2,4,5 w/Auto.) - Elastomeric 1,3 (3 w/Auto.) - Hydroelastic
	Added isolation (sub-frame, crossmember, etc.)	Engine mount member	—
Total dressed engine mass (wt) dry***		-	-

Engine — Pistons

Material & mass, g (weight, oz.) - piston only	Cast aluminum alloy	—
--	---------------------	---

Engine — Camshaft

Location		Over cylinder head	Each cylinder head
Material & mass kg (weight, lbs.)		Cast iron	—
Drive type	Chain / belt	Belt	—
	Width / pitch	25.4 / 8.0	30 / 8.0

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following:

MVMA Specifications

1994 MY MAZDA MX-6

Engine Cord / Description	FSD (2.0 L)	KLD (2.5 L)
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Engine — Valve System

Hydraulic lifters (std., opt., n.a.)	Standard	—
Valves	8 / 8	12 / 12
Head O.D. intake / exhaust	31.5 / 27.6	32 / 27.6

Engine — Connecting Rods

Material & mass kg., (weight, lbs.)*	Carbon steel	—
Length (axes C/L to C/L)	135.2	137.85

Engine — Crankshaft

Material & mass kg., (weight, lbs.)*	Carbon steel	—
End thrust taken by bearing (no.)	2	—
Length & number of main bearings	464.9 & 5	447.1 & 4
Seal (material, one, two piece design, etc.)	Front Rear	Rubber Rubber

Engine — Lubrication System

Normal oil pressure kPa (psi) at engine rpm	400 to 490 @ 3000 rpm	340 to 490 @ 3000 rpm
Type oil intake (floating, stationary)	Stationary	—
Oil filter system (full flow, part, other)	Full flow	—
Capacity of c/case, less filter-refill-L (qt.)	3.7	4.9

Engine — Diesel Information

(Not applicable)

(Not applicable)

Diesel Engine manufacturer	-	-
Glow plug, current drain at 0°F	-	-
Injector nozzle	Type Opening pressure kPa (psi)	- -
Pre-chamber design	-	-
Fuel injection pump	Manufacturer Type	- -
Fuel injection pump drive (belt, chain, gear)	-	-
Supplementary vacuum source (type)	-	-
Fuel heater (yes / no)	-	-
Water separator, description (std., opt.)	-	-
Turbo manufacturer	-	-
Oil cooler-type (oil to Engine coolant; oil to ambient air)	-	-
Oil filter	-	-

Engine — Intake System

(Not applicable)

(Not applicable)

Turbo charger - manufacturer	-	-
Super charger - manufacturer	-	-
Intercooler	-	-

* Finished State

MVMA Specifications

1994 MY MAZDA MX-6

Engine Cord / Description		FSD (2.0L)	KLD (2.5L)
ENGINE — Cooling System			
Coolant recovery system (std., opt., n.a.)		Standard	←
Coolant fill location (rad., bottle)		Radiator	Engine head & Bottle
Radiator cap relief valve pressure kPa (psi)		93 to 122.5 kPa	73.5 to 103 kPa
Circulation thermostat	Type (choke, bypass)	Bypass	←
	Starts to open at °C (°F)	82°C	←
Water pump	Type (centrifugal, other)	Centrifugal	←
	GPM 1000 pump rpm	-	-
	Number of pumps	1	←
	Drive (V-belt, other)	V-rib belt	←
	Bearing type	Ball & Roller	←
	Impeller material	Steel	←
	Housing material	Aluminum	←
By-pass recirculation type (inter., ext.)		External	←
Cooling system capacity	With heater — L(qt.)	7.0 L	7.5 L
	With air conditioner — L(qt.)	7.0 L	7.5 L
	Opt. equipment specify — L(qt.)	N/A	←
Water jackets full length of cyl. (yes, no)		Yes	←
Water all around cylinder (yes, no)		No	←
Water jackets open at head face (yes, no)		No	←
Radiator core	Std., A/C, HD	Standard	←
	Type (cross-flow, etc.)	Cross-flow	←
	Construction (fin & tube mechanical, braze, etc.)	Corrugated fin	←
	Material, mass kg (wgt., lbs.)	Aluminum alloy	←
	Width	690.5 mm	←
	Height	344.6 mm	←
	Thickness	25.9 mm	←
Fan	Fins per inch	18.7	←
	Radiator end tank material	Plastic	←
	Std., elec., opt.	Electric	←
	Number of blades & type (flex, solid, material)	-	-
	Number & location (front, rear of radiator)	-	-
	Diameter & projected width	-	-
	Ratio (fan to crankshaft rev.)	-	-
	Fan cutout type	-	-
	Drive type (direct, remote)	-	-
	RPM at idle (elec.)	-	-
	Motor rating (wattage / elec.)	-	-
	Motor switch (type & location / elec.)	-	-
	Switch point (temp., / pressure / elec.)	-	-
	Fan shroud (material)	-	-

MVMA Specifications

1994 MY MAZDA MX-6

Engine Code / Description		FSD (2.0L)	KLD (2.5L)
Engine — Fuel System			
Induction type		Electronic port fuel injection system	←
Manufacturer		ATX : Ford ELD, MTX : Mitsubishi	Nippon denso
Carburetor no. of barrels		N/A	←
Idle A/F mix.		14.7 : 1	←
Fuel injection	Point of injection (no.)	Intake port (4)	Intake port (6)
	Constant, pulse, flow	Pulse	←
	Control (electronic, mech.)	Electronic	←
	System pressure kPa (psi)	284	←
Idle speed - rpm	Manual	700 rpm, Neutral	650 rpm, Neutral
	Automatic	700 rpm, P-range	650 rpm, P-range
Intake manifold heat control		Non fixed	←
Air cleaner type		Wet	←
Fuel filter (type/location)		Paper element	←
Fuel pump	Type (elec. or mech.)	Electric	←
	Location (eng., tank)	Fuel tank	←
	Pressure range kPa (psi)	637 (max.)	←
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	70 L/hr (min.) @ 294 kPa	←

Fuel Tank

Capacity refill L (gallons)		58.5	←
Location (describe)		Under floor of rear seat	←
Attachment		Straps	←
Material & Mass kg (weight lbs.)		Plastic (HDPE) & 9.4	←
Filler pipe	Location & material	Left rear quarter panel	←
	Connection to tank	Rubber hose	←
Fuel line (material)		Steel pipe & rubber hose	←
Fuel hose (material)		Rubber	←
Return line (material)		Steel pipe & rubber hose	←
Vapor line (material)		Plastic pipe & rubber hose	←
Extended range tank	Opt., n.a.	N/A	←
	Capacity L (gallons)	N/A	←
	Location & material	N/A	←
	Attachment	N/A	←
Auxiliary tank	Opt., n.a.	N/A	←
	Capacity L (gallons)	N/A	←
	Location & material	N/A	←
	Attachment	N/A	←
	Selector switch or valve	N/A	←
separate fill		N/A	←

MVMA Specifications

1994 MY MAZDA MX-6

Engine CORD / Description

FSD (2.0 L)

KLD (2.5 L)

Vehicle Emission Control

Exhaust Emission Control	Type	3-way catalyst + Feedback control		←
	Air Injection	Pump or pulse	N/A	←
		Driven by	-	-
		Air distribution	-	-
		Point of entry	-	-
	Exhaust Gas Recirculation	Type	BPT (MTX Fed.), Electric (MTX Calif. & ATX)	Electric
		Exhaust source	Exhaust manifold No.4	Exhaust manifold No.1,3,5
		Point of exhaust injection	Intake manifold	←
	Catalytic Converter	Type	TWC	←
		Number of	1	1 (Fed.), 3 (Calif.)
		Location(s)	Under floor	Under floor (Fed.) Under floor & In engine room (Calif.)
		Volume L (in3)	1.85 L (Fed.), 2.11 L (Calif.)	2.37 L (Fed.) [0.25 L x 2] + 1.85 L (Calif.)
		Substrate type	Monolith	←
		Noble metal type	Pt / Rh = 5 / 1	←
		Noble metal concentration (g/cm3)	0.0016	←
Crankcase Emission Control	Type	Closed type		←
	Energy source	Manifold vacuum		←
	Discharges to	Intake manifold		←
	Air inlet	Air intake house		Air hose
Evaporative Emission Control	Vapor vented to (ex. crankcase)	Fuel tank	Canister	←
		Carburetor	N/A	←
	Vapor storage provision	Canister		←
Electronic system	Closed loop (yes/no)	Yes		←
	Open loop (yes/no)	No		←

Engine — Exhaust System

Type (single, single with cross-over, dual, other)	Single	Semi-dual
Muffler no. & type / Material & Mass kg (weight lbs)	1 & Reverse flow, Stainless	←
Resonator no. & type	1 & Absorption	1 & Expansion
Exhaust pipe	Branch o.d., wall thickness	N/A
	Main o.d., wall thickness	44.5 mm, 1.5 mm
	Material & Mass kg (weight lbs)	54 mm, 1.5 mm
Intermediate pipe	o.d., & wall thickness	Stainless (Fed.) Aluminum coated stainless (Calif.)
	Material & Mass kg (weight lbs)	Aluminum coated stainless
	o.d., & wall thickness	47.6 mm, 1.6 mm
Tail pipe	Material & Mass kg (weight lbs)	Aluminum coated steel
	o.d., & wall thickness	48.6 mm, 1.2 mm (MT) 38.1 mm, 1.2 mm (AT)
	Material & Mass kg (weight lbs)	Aluminum coated steel

MVMA Specifications

1994 MY MAZDA MX-6

Engine Cord / Description

FSD (2.0 L)

KLD (2.5 L)

Transmissions/Transaxle (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	N/A	N/A
Manual 5-speed (manufacturer/country)	Standard	←
Manual 6-speed (manufacturer/country)	N/A	N/A
Automatic (manufacturer/country)	N/A	N/A
Automatic overdrive (manufacturer/country)	Optional	←

Manual Transmission/Transaxle

Number of forward speeds		5	←
Gear ratios	1st	3.307	←
	2nd	1.833	←
	3rd	1.233	1.31
	4th	0.914	1.03
	5th	0.717	0.795
	6th	N/A	N/A
	Reverse	3.166	←
Synchronous meshing (specify gears)		All forward gears	←
Shift lever location		Floor	←
Trans. case mat'l. & mass kg (lbs)*		Aluminum & 13.4	Aluminum & 13.8
Lubricant	Capacity L (pt.)	2.7	←
	Type recommended	75W - 90	←

Clutch (Manual Transmission)

Clutch manufacturer		Valeo	Daikin mfg. co., ltd.
Clutch type (dry, wet; single, multiple disc)		Single disc, Dry plate	←
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic	←
Max. pedal effort N (lbs)	Depressed	-	-
	Released	-	-
Assist (spring, power/percent, nominal)		-	-
Type pressure plate springs		Diaphragm spring	←
Total spring load (nominal) N (lbs)		4606	5194
Clutch facing	Facing mfg. & material coding	Valeo	←
	Facing material & construction	Semimold	←
	Rivets per facing	16	←
	Outside x inside dia. (nominal)	225 x 150	←
	Total eff. area cm2 (in.2)	220	←
	Thickness (pressure plate side/fly wheel side)	3.8 / 3.5	←
	Rivet depth (pressure plate side/fly wheel side)	1.7 / 1.4	←
	Engagement cushion method	Cushion springs	←
Release bearing type & method lub.		Ball & grease	←
Torsional damping method, springs, hysteresis		Rubber springs	←

* Includes shift linkage, lubricant, and clutch housing. If other specify.

MVMA Specifications

1994 MY MAZDA MX-6

Engine CORD / Description		FSD (2.0 L)	KLD (2.5 L)
Automatic Transmission/Transaxle			
Trade Name		LA4A-EL (EC-AT)	G4A-EL (EC-AT)
Type and special features (describe)		4speed with lock-up torque converter	←
Shift mechanics		←	←
Gear selector	Location (column, floor, other)	Floor	←
	Ltr./No. designation (e.g. PRND21)	PRNDSL	←
	Shift interlock (yes, no, describe)	Yes	←
Gear ratios	1st	2.889	2.800
	2nd	1.571	1.540
	3rd	1.000	1.000
	4th	0.698	0.700
	Reverse	2.310	2.333
	Final drive ratio	3.770	4.157
Max. upshift vehicle speed - drive range km/h (mph)		155 - 165 (3 - 4)	160 - 170 (3 - 4)
Max. upshift Engine speed RPM		-	-
Max. kickdown speed - drive range km / h (mph)		147 - 157 (4 - 3) 92 - 100 (3 - 2) 37 - 43 (2 - 1)	135 - 145 (4 - 3) 86 - 94 (3 - 2) 37 - 43 (2 - 1)
Min. overdrive speed km / h (mph)		30	35
Torque converter	Type	Lock-up	←
	Torus design	-	-
	Number of elements	3 element, 1 stage, 2 phase	←
	Max. ratio at stall	1.95 : 1	2.0 : 1
	Type of cooling (air, liquid)	Liquid	←
	Nominal diameter	235	250
	Capacity factor "K"	231.4	200
Pump type		Variable displacement, Trochoid gear type	←
Lubricant	Capacity refill L. (pt.)	8.3	←
	Type recommended	M-III or MERCON	M-III or Dexron-II
Oil cooler		Standard, Internal, Oil to engine coolant	←
Transmission mass kg (lbs) & case material**		Aluminum	←
All Wheel / 4 Wheel Drive			
		(Not applicable)	(Not applicable)
Description & type		-	-
Transfer case	Manufacturer and model	-	-
	Type and location	-	-
Low-range gear ratio		-	-
System disconnect (describe)		-	-
Center differential	Type	-	-
	Torque split (% front/rear)	-	-

* Input speed + $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

MVMA Specifications

1994 MY MAZDA MX-6

Engine Cord / Description			FSD (2.0 L)	KLD (2.5 L)
Axle Ratio and Tooth Combinations				
Effective final drive ratio			4.105 (MT), 3.842 (AT)	4.105 (MT), 4.157 (AT)
Transfer ratio and method (chain, gear, etc.)			-	-
Front drive unit	Ring gear o.d.		202.5 (MT), 190.3 (AT)	2.5 (MT), 206.4 (AT)
	No. of teeth	Pinion	19	19
		Ring gear	78 (MT), 73 (AT)	79

Front Drive Unit

Description (integral to trans., etc.)		Integral to transmission	←
Limited slip differential (type)		N/A	N/A
Drive pinion	Type	-	-
	Offset	-	-
No. of differential pinions		2	←
Pinion / differential	Adjustment (shim, etc.)	-	-
	Bearing adjustment	Shim	←
Driving wheel bearing (type)		-	-
Lubricant	Capacity L (pt.)	-	-
	Type recommended	-	-

Axle Shafts - Front Wheel Drive

Manufacturer and number used			NTN (MT), GKN (AT) & 2	←
Type (straight, solid bar, etc.)		Left	Solid bar	←
		Right	Solid bar	←
Outer diam. x length* x wall thickness	Manual transaxle	Left	24 x 387	26 x 382
		Right	24 x 387	26 x 382
	Automatic transaxle	Left	24 x 380	26 x 380
		Right	24 x 380	26 x 380
	Optional transaxle	Left	N/A	←
		Right	N/A	←
Slip yoke	Type		N/A	←
	Number of teeth		N/A	←
	Spline o.d.		N/A	←
Universal joints	Make and mfg. no.	Inner	NTN (MT), GKN (AT)	←
		Outer	NTN (MT), GKN (AT)	←
	Number used		4	←
	Type, size, plunge	Inner	Double offset joint (MT), Tripod joint (AT)	←
		Outer	Ball joint	←
	Attach (u-bolt, clamp, etc.)		Snap ring	←
	Bearing	Type	Anti-friction ball	←
		Lubrication	Pre-pack	←
Drive taken through (torque tube, arms or springs)			Engine mounting system	←
Torque aken through (torque tube, arms or springs)			Engine mounting system	←

* Centerline to centerline of universal joints, or to centerline of rear attachment.

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description

FSD (2.0 L)

KLD (2.5L)

Suspension — General Including Electronic Controls

Car leveling	Standard/optional/not avail.		N/A	←
	Manual/automatic control		N/A	←
	Type (air/hydraulic)		N/A	←
	Primary/assist spring		N/A	←
	Rear only/4 wheel leveling		N/A	←
	Single/dual rate spring		N/A	←
	Single/dual ride heights		N/A	←
	Provision for jacking		N/A	←
Shock absorber damping controls	Standard/option/not avail.		N/A	←
	Manual/automatic control		N/A	←
	Number of damping rates		N/A	←
	Type of actuation (manual/electric motor/air, etc.)		N/A	←
	sensors	Lateral acceleration	N/A	←
		Deceleration	N/A	←
		Acceleration	N/A	←
		Road surface	N/A	←
Shock absorber (front & rear)	Type		Oil type	←
	Make		Tokico	←
	Piston diameter		32 mm	←
	Rod diameter		22 mm	←

Suspension — Front

Type and description		Independent strut	←
Travel	Full jounce (define load condition)	70	←
	Full rebound	100	←
Spring	Type (coil, leaf, other & material)	Coil, steel	←
	Insulators (type & material)	Rubber pads	←
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	13.2 x 160.7 x 293.5 13.4 x 160.9 x 301.5 13.6 x 161.1 x 309.5 13.7 x 161.2 x 317.5	←
	Spring rate [N/mm (lb/in.)]	25.8	←
	Rate at wheel [N/mm (lb/in.)]	25.1	←
	Stabilizer	Torsion bar	←
Material & O.D. bar/tube, wall thickness		25.4 x 3.0	←

Suspension — Rear

Type and description		Independent strut	←
Travel	Full jounce (define load condition)	80	←
	Full rebound	100	←
Spring	Type (coil, leaf, other & material)	Coil, steel	←
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	11.7 x (110.9 - 140.9) x 275 11.9 x (110.7 - 140.7) x 279.5	←
	Spring rate [N/mm (lb/in.)]	23.1, 23.9	←
	Rate at wheel [N/mm (lb/in.)]	22.7, 23.4	←
	Insulators (type & material)	Rubber pads	←
	No. of leaves	N/A	N/A
	Shackle (comp. or tens.)	N/A	N/A
	Stabilizer	Torsion bar	←
Material & O.D. bar/tube, wall thickness		12, cold	←
Track bar (type)		N/A	N/A

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Cord / Description			FSD (2.0 L)	KLD (2.5L)	
Brakes — Service					
Description			4 wheel hydraulic actuated system	←	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		Disc	←	
	Rear (disc or drum)		Drum	Disc	
Valving type (proportion, delay, metering, other)			Proportioning	←	
Power brake (std., opt., n.a.)			Standard	←	
Booster type (remote, integral, vac., hyd., etc.)			Direct vacuum	←	
Vacuum	Source (inline, pump, etc.)		Surge tank	←	
	Reservoir (volume in.3)		-	-	
	Pump-type (elec, gear driven, belt driven)		-	-	
Traction assist	Operational speed range		-	-	
	Type (Engine or brake intervention)		-	-	
Anti-lock device	Front / rear (std., opt., n.a.)		N/A	Opt. / Opt.	
	Manufacturer		N/A	Sumitomo electric	
	Type (electronic, mech.)		N/A	Electronic	
	Number sensors or circuits		N/A	4 sensors	
	Number anti-lock hydraulic circuits		N/A	3 circuits	
	Integral or add-on system		N/A	Add on system	
	Yaw control (yes,no)		N/A	No	
	Hydraulic power source (elec., vac. mtr., pwr. strg.)		N/A	Electronic	
Effective area cm2 (in.2)*			192 (front), 263 (rear)	192 (front), 116 (rear)	
Gross Lining area cm2 (in.2)** (F/R)			192 / 263	192 / 116	
Swept area cm2 (in.2)*** (F/R)			1140 / 431	1140 / 1009	
Rotor	Outer working diameter		F/R	258 / NA	258 / 261
	Inner working diameter		F/R	166 / NA	166 / 179
	Thickness		F/R	24 / NA	24 / 10
	Material & type (vented/solid)		F/R	Cast iron & ventilated / NA	Cast iron & ventilated / Cast iron & solid
Drum	Diameter & width		F/R	NA / 228.6 & 37	NA
	Type and material		F/R	NA / Cast iron	NA
Wheel cylinder bore			57.15 (front), 17.46 (rear)	57.15 (front), 30.16 (rear)	
Master cylinder	Bore/stroke		F/R	23.81 / 15	←
Pedal arc ratio			4.11	←	
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			9063 (MT), 11486 (AT)	←	
Lining clearance		F/R	Self adjusting	←	
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Bonded	←
		Rivet size		-	-
		Manufacturer		Ferodo	←
		Linig code*****		-	←
		Material		Resin molded	←
		****	Primary or out-board	117.8 x 42.5 x 10	←
		Size	Secondary or in-board	117.8 x 42.5 x 10	←
		Shoe thickness (no lining)		6 (in), 5 (out)	←
	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded	←
		Manufacturer		Nishinbo	←
		Linig code*****		-	-
		Material		Resin molded	←
		****	Primary or out-board	219 x 30 x 4.5	90 x 36 x 8
		Size	Secondary or in-board	219 x 30 x 4.5	90 x 36 x 8
		Shoe thickness (no lining)		2	5

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width each brake x its contact circumference.)
(Disc brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by $\pi/2$ for each brake.)

****Size for drum brakes includes length X width X thickness. *****Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description			FSD (2.0 L)	KLD (2.5L)
Tires And Wheels (Standard)				
Tires	Size (service description)		P195 / 65R14 88S	P205 / 55R15 87V
	Type (bias, radial, steel, nylon, etc.)		Steel belted radial	←
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220	←
		Rear kPa (psi)	180	←
	Rev./mile-at 70 km/h (45 mph)		-	-
Wheels	Type & material		Steel with full cover	Aluminum alloy
	Rim (size & flange type)		14 x 5 1/2JJ	15 x 6 1/2JJ
	Wheel offset		45 mm	←
	Attachment	Type (bolt or stud & nut)	Nut	←
		Circle diameter	114.3 mm	←
		Number & size	5 & M12 x 1.5	←
Spare	Tire and Wheel		T125 / 70D 15 & 15 x 4T	←
	Storage position & location(describe)		Trunk room	←

Tires And Wheels (Optional)

Tire size (service description)		P195 / 65R14 88S	-
Type (bias, radial, steel, nylon, etc.)		Steel belted radial	-
Wheel (type & material)		Aluminum alloy	-
Rim (size, flange type and offset)		14 x 6JJ	-
Tire size (service description)			
Type (bias, radial, steel, nylon, etc.)			
Wheel (type & material)			
Rim (size, flange type and offset)			
Tire size (service description)			
Type (bias, radial, steel, nylon, etc.)			
Wheel (type & material)			
Rim (size, flange type and offset)			
Tire size (service description)			
Type (bias, radial, steel, nylon, etc.)			
Wheel (type & material)			
Rim (size, flange type and offset)			
Spare tire and wheel size			

Brakes — Parking

Type of control		Manual	←
Location of control		Over floor tunnel	←
Operates on		Rear wheel	←
If separate from service brakes	Type (internal or external)	N/A	←
	Drum diameter	-	-
	Lining size (length x width x thickness)	-	-

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Cord / Description				All models	
Steering					
Manual (std., opt., n.a.)				N/A	
Power (std., opt., n.a.)				Standard	
Speed-sensitive(std., opt., n.a.)				N/A	
4-wheel steering (std., opt., n.a.)				N/A	
Adjustable steering wheel/column (tilt, telescope, other)		Type		Tilt	
		Manufacturer		TG. US	
		(std., opt., n.a.)		Standard	
Wheel diameter** (W9) SAE J1100		Manual		-	
		Power		380	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		-	
		Curb to curb (l. & r.)		10.6 m	
	inside rear	Wall to wall (l. & r.)		-	
		Curb to curb (l. & r.)		-	
Scrub Radius*				-	
Manual	Gear	Type		-	
		Manufacturer		-	
		Ratios	Gear	-	
			Overall	-	
	No. wheel turns (stop to stop)				-
Power	Type (coaxial, elec., hyd., etc.)		Hydraulic		
	Manufacturer		TRW		
	Gear	Type		Rack & pinion	
		Ratios	Gear	∞	
			Overall	17	
	Pump (drive)		V ribbed belt		
	No. wheel turns (stop to stop)		2.9		
	Linkage	Type		Rack & pinion	
Location (front or rear of wheels, other)		Rear			
Tie rods (one or two)		2			
Steering axis	Inclination at camber (deg.)		-		
	Bearings (type)	Upper	-		
		Lower	-		
		Thrust	-		
		Steering spindle/knuckle & joint type		B / J	

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.

** See Page 23.

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Cord / Description

All Models

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	3° 01' ± 45'
		Camber (deg.)	-0° 42' ± 45'
		Toe-in outside track-mm (in.)	3 ± 3 mm
	Service reset*	Caster (deg.)	-
		Camber (deg.)	-
		Toe-in -mm (in.)	-
	Periodic M.V. inspection	Caster (deg.)	-
		Camber (deg.)	-
		Toe-in -mm (in.)	-
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-0° 22' ± 45'
		Toe-in outside track-mm (in.)	3 ± 3 mm
	Service reset*	Camber (deg.)	-
		Toe-in -mm (in.)	-
	Periodic M.V. inspection	Camber (deg.)	-
		Toe-in -mm (in.)	-

* Indicates pre-set, adjustable, trend set or other.

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)		Analog (Standard)
	Trip odometer (std., opt., n.a.)		Standard
Head-up display	Standard, optional, not available		NA
	Type	Secondary, opto-electronic	-
	Speedometer	Digital	-
	Status / warning indicators	Turn signals, high beam, low fuel, check gauges	-
	Brightness control	Day / night mode, adjustable	-
EGR maintenance indicator			NA
Charge Indicator	Type		NA
	Warning device (light, audible)		Light
Temperature indicator	Type		Analog Gauge
	Warning device (light, audible)		NA
Oil pressure indicator	Type		NA
	Warning device (light, audible)		Light
Fuel Indicator	Type		Gauge
	Warning device (light, audible)		Light
Windshield wiper	Type (standard)	2 Speed Electric, Variable Interval Wiper	
	Type (optional)	NA	
	Blade length	-	
	Swept area cm2 (in.2)	-	
Windshield washer	Type (standard)	Electric Pump, 2-jets X 2	
	Type (optional)	NA	
	Fluid level indicator (light, audible)		Light (Standard)
Rear window wiper, wiper/washer (std., opt., n.a.)			NA
Horn	Type	Electric	
	Number used		2
Other			-

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description		FSD (2.0 L)	KLD (2.5L)
Electrical - Supply System			
Battery	Manufacturer	ENPAK	←
	Model, std., (opt.)	GR58R	←
	Voltage	12	←
	Amps at 0 °F cold crank	582	←
	Minutes-reserve capacity	99	←
	Amps/hrs.-20 hr. rate	58	←
	Location	Engine room	←
Alternator	Manufacturer	Melmac	←
	Rating (idle/max. rpm)	80 A	90 A
	Ratio (alt. crank/rev.)	2.55 : 1	←
	Output at idle (rpm, park)	42 A @ 700 rpm	45 A @ 650 rpm
	Optional (type & rating)	N/A	←
Regulator	Type	IC regulator	←
Electrical - Starting System			
Motor	Manufacturer	Melmac	Melmac (MT), Mitsubishi (AT)
	Current drain _____ °C (°F)	-	-
	Power rating kw (hp)	1.4	1.7 (MT), 1.6 (AT)
Motor drive	Engagement type	Positive solenoid	←
	Pinion engages from (front, rear)	Front	Rear
Electrical - Ignition System			
Type	Electronic (std., opt., n.a.)	Standard	←
	Other (specify)	N/A	←
Coil	Manufacturer	Mitsubishi (MT), Ford EFHD (AT)	←
	Model	-	-
	Current	Engine stopped - A	-
		Engine idling - A	-
Spark plug	Manufacturer	Nippon denso / NGK	←
	Model	BKR5E-11, BKR6E-11 K16PR-U11, K20PR-U11	ZFR5F-11, ZFR6F-11
	Thread (mm)	M14 x 1.25	←
	Tightening torque N·m (lb.-ft.)	15 to 23	←
	Gap	1.0 to 1.1	←
	Number per cylinder	1	←
Distributor	Manufacturer	Mitsubishi	←
	Model	ESA	←
Electrical - Suppression			
Locations & type		Resistance spark plugs & Ignition wire	←

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Cord / Description

All Models

Body

Structure	Unitized all steel welded body with energy absorbing front and rear structures
Bumper system front - rear	5 mph bumper (front and rear)
Anti-corrosion treatment	Major exterior and structural sheet metal components

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Lacquer
Hood	Material & mass	Steel & 14.8 kg
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Steel & 7.86 kg
	Type (counterbalance, other)	Counterbalance by stay damper
	Internal release control (elec., mech., n.a.)	Mech.
Hatch-back lid	Material & mass	N/A
	Type (counterbalance, other)	N/A
	Internal release control (elec., mech., n.a.)	N/A
Tailgate	Material & mass	N/A
	Type (drop, lift, door)	N/A
	Internal release control (elec., mech., n.a.)	N/A
Vent window control (crank, friction, pivot, power)	Front	N/A
	Rear	N/A
Window regulator type (cable, tape, flex drive, etc.)	Front	Cable
	Rear	N/A
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket
	Rear	Bench
	3rd seat	NA
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket
	Rear	60/40 Split Folding
	3rd seat	NA

Frame

Type and description	Unitized frame
----------------------	----------------

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description

All Models

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulderbelt, lap belt, etc.) Standard / optional	First seat	Lap & Shoulder Belt (Std.)	NA	Lap & Shoulder Belt (Std.)
		Second seat	Lap & Shoulder Belt (Std.)	NA	Lap & Shoulder Belt (Std.)
		Third seat	NA	NA	NA
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt) Standard / optional	First seat	Air Bag & Knee Bolster (Std.)	NA	Air Bag & Knee Bolster (Std.)
		Second seat	NA	NA	NA
		Third seat	NA	NA	NA

Glass	SAE Ref. No.	
Windshield glass exposed surface area cm2	S1	10003 cm2
Side glass exposed surface area cm2 - total 2-sides	S2	6472 (front door), 2573 (side window)
Backlight glass exposed surface area cm2	S3	9881 cm2
Total glass exposed surface area cm2	S4	28929 cm2
Windshield glass (type / thickness)		Laminated & 4.7
Side glass (type / thickness)		Tempered & 4.7 (front door), Tempered & 3.8 (side window)
Backlight glass (type / thickness)		Tempered & 3.8
Tinted (yes / no, location)		Yes, All glasses
Solar control (yes / no, coated / batched, location)		No

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Halogen, replaceable shape
Shape	Rectangular
Lo-beam type (2A1, 2B1, 2C1, etc.)	HB1
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB1
Quantity	2

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description

All Models

Climate Control System

Air conditioning (std., opt., man., auto.)		Manual (Option)
Condenser	Type	Parallel Flow
	Eff. face area (sq.mm.)	166320
	Fins per inch	14
Evaporator	Type	DRON-cup
	Eff. face area (sq.mm.)	42784
	Fins per inch	11.2
Heater core	Material	Aluminum
	Eff. face area (sq.mm.)	28616
	Fins per inch	21.2
Compressor	Type	Rotary
	Displacement (cc.)	130
	Manufacturer	MEI (Panasonic)
	A/C pulley ratio	1.04
Accumulator	Type	NA
	Height (mm.)	-
	Diameter (mm.)	-
Receiver	Type	Conical Bottom
	Height (mm.)	129
	Diameter (mm.)	63.5
Refrigerant control (CCOT, TVS, etc.)		TXV
Heater water valve (yes/not)		No
Refrigerant (R - 12, R - 134a, etc.)		R-134a
Charge level (lbs. - oz.)		-
Cold engine lockout switch (yes/no)		No
Wide open throttle cutout switch (yes/no)		Yes

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description		MX-6	MX-6 LS
Convenience Equipment (standard, optional, n.a.)			
Clock (digital, analog)		Std. (digital)	←
Compass/thermometer		N/A	←
Console (floor, overhead)		Std. (floor)	←
Defroster, electric windshield		N/A	←
Defroster, electric backlight		Std.	←
Electronic	Diagnostic monitor (integrated, individual)	N/A	←
	Instrument cluster (list instruments)	N/A	←
	Keyless entry	N/A	←
	Tripminder (avg. spd., fuel)	N/A	←
	Voice alert (list items)	N/A	←
	Other	-	-
Fuel door lock (remote, key, electric)		Std. (remote)	←
Lamps	Auto head on/off delay, dimming	N/A	←
	Cornering	N/A	←
	Courtesy (map, reading)	Std.	←
	Door lock, ignition	Std.	←
	Engine compartment	N/A	←
	Fog	N/A	Std.
	Glove compartment	Std.	←
	Trunk	Std.	←
	Illuminated entry system (list lamps, activation)	N/A	←
	Other	-	-
Mirrors	Day/night (auto. man.)	Manual	←
	L.H. (remote, power, heated)	Power (Standard)	Power (Standard), Heated (Option)
	R.H. (convex, remote, power, heated)	Power (Standard)	Power (Standard), Heated (Option)
	Visor vanity (RH/LH, illuminated)	Standard/NA	←
Navigation system (describe)		NA	←
Parking brake-auto release (warning light)		NA	←

MVMA Specifications

1994 MY MAZDA MX-6

Model or Engine Code / Description

MX-6

MX-6 LS

Convenience Equipment (standard, optional, n.a.)

Power equipment	Deck lid (release, pull down)		Std. (cable)	←
	Door locks (manual, automatic, describe sytem)		Std.(manual)	←
	Seats	2 - 4 - 6 way, etc.	N/A	Opt. (driver / 6way)
		Reclining (R.H., L.H.)	N/A	←
		Memory (R.H., L.H., preset recline)	N/A	←
		Support (lumbar, hip, thigh, etc.)	N/A	←
		Heated (R.H., L.H., other)	N/A	←
	Side windows		Std.	←
Vent windows		N/A	←	
Rear windows		N/A	←	
Radio system	Antenna (location, whip, w/shield, power)		Rear fender + Rear window	←
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM, FM, stereo, tape	←
	Optional		AM, FM, stereo, tape, compact disc	←
	Speaker (number, location)		6 speakers	←
Roof: open air or fixed (flip-up, sliding, "T")			Opt. (tilt-up & sliding)	←
Speed control device			Std.	←
Speed warning device (light, buzzer, etc.)			N/A	←
Tachometer (rpm)			Std.	←
Telephone system (describe)			N/A	←
Theft deterrent system			Opt.	←

Taller Towing

Towing capable	Yes / No	N/A	←
Engine/transmission/axle	Std / Opt	N/A	←
Tow class (I, II, III)*	Std / Opt	N/A	←
Max. gross trailer wgt. (lbs.)	Std / Opt	N/A	←
Max. trailer tongue load (lbs.)	Std / Opt	N/A	←
Towing package available	Yes / No	N/A	←

*Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

MVMA Specifications

1994 MY MAZDA MX-6

Vehicle Dimensions

See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line.

SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Model or Engine Code / Description

All Models

Width	SAE Ref. No.	
Tread (front)	W101	1500
Tread (rear)	W102	1500
Vehicle width	W103	1750
Body width at Sg RP (front)	W117	-
Vehicle width (front doors open)	W120	-
Vehicle width (rear doors open)	W121	-
Tumble-home (degrees)	W122	-
Outside mirror width	W410	-

Length

Wheelbase	L101	2610
Vehicle length	L103	4615
Overhang (front)	L104	965
Overhang (rear)	L105	1040
Upper structure length	L123	-
Rear wheel C/L "X" coordinate	L127	-

Height*

Passenger distribution (front/rear)	PD1,2,3	2/2
Trunk/cargo load		-
Vehicle height	H101	1290
Cowl point to ground	H114	-
Deck point to ground	H138	-
Rocker panel-front to ground	H112	-
Rocker panel-rear to ground	H111	-
Windshield slope angle (degrees)	H122	-
Backlight slope angle (degrees)	H121	-

Ground Clearance*

Front bumper to ground	H102	-
Rear bumper to ground	H104	-
Bumper to ground front at curb mass (wt.)	H103	-
Bumper to ground rear at curb mass (wt.)	H105	-
Angle of approach (degrees)	H106	14.5°
Angle of departure (degrees)	H107	15.0°
Ramp breakover angle (degrees)	H147	12.3°
Axle differential to ground (front/rear)	H153	-
Min. running ground clearance	H156	-
Location of min. run. grd. clear.		-

*All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight.

Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk/cargo load, unless otherwise specified.

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

MVMA Specifications

1994 MY MAZDA MX-6

Vehicle Dimensions

See Key Sheets for definitions

Model or Engine Code / Description

All Models

Front Compartment	SAE Ref. No.	
SgRP front, "X" coordinate	L31	-
Effective head room	H61	968 (963 with sliding roof)
Max. eff. leg room (accelerator)	L34	1117
SgRP to heel point	H30	200
SgRP to heel point	L53	-
Back angle (degrees)	L40	24.0°
Hip angle (degrees)	L42	100°
Knee angle (degrees)	L44	141°
Foot angle (degrees)	L46	87°
Design H-point front travel	L17	-
Normal driving & riding seat track trvl.	L23	-
Shoulder room	W3	1360
Hip room	W5	-
Upper body opening to ground	H50	-
Steering wheel maximum diameter*	W9	-
Steering wheel angle (degrees)	H18	-
Accel. heel pt. to steer. whl. cntr.	L11	-
Accel. heel pt. to steer. whl. cntr.	H17	-
Undepressed floor covering thickness	H67	-

Rear Compartment		
SgRP point couple distance	L50	648
Effective head room	H63	882
Min. effective leg room	L51	704
SgRP (second to heel)	H31	245
Knee clearance	L48	-90
Shoulder room	W4	1292
Hip room	W6	-
Upper body opening to ground	H51	-
Back angle (degrees)	L41	23.0°
Hip angle (degrees)	L43	70.0°
Knee angle (degrees)	L45	59.0°
Foot angle (degrees)	L47	109.0°
Depressed floor covering thickness	H73	-

Luggage Compartment		
Usable luggage capacity L (cu. ft.)	V1	-
Liftover height	H195	-

Interior Volumes (EPA Classification)

Vehicle class	Sub-compact
Interior volume index including trunk/cargo (cu. ft.)**	91.3
Trunk/cargo index (cu. ft.)	12.6

*See page 14.

**See definition page 33.

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

MVMA Specifications

1994 MY MAZDA MX-6

Vehicle Dimensions

See Key Sheets for definitions

Model Code / Description

All Models

Station Wagon/MPV* - Third Seat	SAE Ref. No.	(Not applicable)
Seat facing direction	SD1	-
SgRP couple distance	L85	-
Shoulder room	W85	-
Hip room	W86	-
Effective leg room	L86	-
Effective head room	H86	-
SgRP to heel point	H87	-
Knee clearance	L87	-
Back angle (degrees)	L88	-
Hip angle (degrees)	L89	-
Knee angle (degrees)	L90	-
Foot angle (degrees)	L91	-

Station Wagon/MPV* - Cargo Space		(Not applicable)
Cargo length (open front)	L200	-
Cargo length (open second)	L201	-
Cargo length (closed front)	L202	-
Cargo length (closed second)	L203	-
Cargo length at belt (front)	L204	-
Cargo length at belt (second)	L205	-
Cargo width (wheelhouse)	W201	-
Rear opening width at floor	W203	-
Opening width at belt	W204	-
Min. rear opening width above belt	W205	-
Cargo height	H201	-
Rear opening height	H202	-
Tailgate to ground height	H250	-
Front seat back to load floor height	H197	-
Cargo volume index m3(ft.3)	V2	-
Hidden cargo volume index m3(ft.3)	V4	-
Cargo volume index-rear of 2-seat	V10	-
Cargo volume index*	V6	-
Cargo width at floor*	W500	-
Maximum cargo height*	H505	-

Hatchback - Cargo Space		(Not applicable)
Cargo length at front seatback height	L208	-
Cargo length at floor (front)	L209	-
Cargo length at second seatback height	L210	-
Cargo length at floor (second)	L211	-
Front seatback to load floor height	H197	-
Second seatback to load floor height	H198	-
Cargo volume index m3(ft.3)	V3	-
Hidden cargo volume index m3(ft.3)	V4	-
Cargo volume index-rear of 2-seat	V11	-

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

*MPV - Multipurpose Vehicle

MVMA Specifications

1994 MY MAZDA MX-6

Model Cord /
Description

All Models

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front(1) Front(2) Rear(1) Rear(2) Note: Provide 3 of 4 Fiducial Mark Locations	
Front	W21**
	-
	L54**
	-
	H81**
Rear	-
	H161**
	-
	H163**
	-
Rear	W22**
	-
	L55**
	-
	H82**
	-
	H162**
	-
	H164**
	-

*Reference - SAE Recommended Practice J182a, Motor Vehicle Fiducial Marks.

**Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.

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

[illegible]

****ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications.**

Refer to ETWC code legend below for test weight class.

***shipping Mass (weight) = Curb Weight Less:

A=1000	I=2000	Q=3000	Y=4000
B=1125	J=2125	R=3125	Z=4250
C=1250	K=2250	S=3250	AA=4500
D=1375	L=2375	T=3375	BB=4750
E=1500	M=2500	U=3500	CC=5000
F=1625	N=2625	V=3625	DD=5250
G=1750	O=2750	W=3750	EE=5500
H=1875	P=2875	X=3875	FF=5750

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* Also see Engine - General Section for dressed engine mass (weight).