

Maintenance and Specifications

INTRODUCTION

Be extremely careful to prevent injury to yourself and others and damage to your vehicle when using this manual for inspection and maintenance.

If you're unsure about any procedure it describes, we strongly urge you to have a reliable and qualified service shop perform the work, preferably an Authorized Mazda Dealer.

Factory-trained Mazda technicians and genuine Mazda parts are best for your vehicle. Without this expertise and the parts that have been designed and made especially for your Mazda, inadequate, incomplete, and insufficient servicing may result in problems. This could lead to vehicle damage or an accident and injuries.

For expert advice and quality service, consult an Authorized Mazda Dealer.

The owner should retain evidence that proper maintenance has been performed as prescribed.

A claim against a warranty will not qualify if it results from lack of maintenance and not from defective material or authorized Mazda workmanship.

Any auto repair shop using parts equivalent to your Mazda's original equipment may perform maintenance. **But we recommend that it always be done by an Authorized Mazda Dealer using genuine Mazda parts.**

SCHEDULED MAINTENANCE

Follow Schedule 1 if the vehicle is operated mainly where none of the following conditions apply. If any do apply, follow Schedule 2.

- Repeated short trips of less than 16 kilometers (10 miles)
- Driving in dusty, sandy or wet conditions
- Driving with an extended use of brakes
- Driving in areas where salt or other corrosive materials are being used
- Driving on rough or muddy roads
- Extended periods of idling or low-speed operation
- Driving for long periods in cold temperatures or extremely humid climates
- Towing a trailer or using a car-top carrier

NOTE: After the described period, continue to follow the described maintenance at the recommended intervals.

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SCHEDULE 1

I: Inspect and repair, clean, adjust, or replace if necessary
(Oil-permeated air filter cannot be cleaned using the air-blow method)

R: Replace

L: Lubricate

Maintenance Item	Maintenance Interval (Number of months or km (miles), whichever comes first)												
	Months	6	12	18	24	30	36	42	48	54	60	66	72
	x 1000 Km	12	24	36	48	60	72	84	96	108	120	132	144
	(x 1000 Miles)	(7.5)	(15)	(22.5)	(30)	(37.5)	(45)	(52.5)	(60)	(67.5)	(75)	(82.5)	(95)
ENGINE													
Engine valve clearance (for 2.0L engine)									I				
Engine timing belt (for 2.0L engine)	Replace every 144,000 km (90,000 miles)												
Engine oil	R	R	R	R	R	R	R	R	R	R	R	R	R
Oil filter	R	R	R	R	R	R	R	R	R	R	R	R	R
Drive belts				I					I				I
PCV valve (for 2.0L engine) *1	Replace every 96,000 km (60,000 miles)												
PCV valve (for 3.0L engine) *1	Replace every 160,000 km (100,000 miles)												
Hoses and tubes for emission *1									I				
IGNITION SYSTEM													
Spark plugs (PLATINUM-TIPPED type)	Replace every 160,000 km (100,000 miles)												
FUEL SYSTEM													
Air cleaner filter					R				R				R
Fuel filter *1					R				R				R
Fuel lines and hoses *1					I				I				I
COOLING SYSTEM													
Cooling system					I				I				I

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Maintenance Item	Maintenance Interval (Number of months or km (miles), whichever comes first)												
	Months	6	12	18	24	30	36	42	48	54	60	66	72
	x 1000 Km	12	24	36	48	60	72	84	96	108	120	132	144
	(x 1000 Miles)	(7.5)	(15)	(22.5)	(30)	(37.5)	(45)	(52.5)	(60)	(67.5)	(75)	(82.5)	(95)
Engine coolant		Replace at first 72,000 km (45,000 miles) or 36 months; after that, every 48,000 km (30,000 miles) or 24 months											
CHASSIS and BODY													
Brake lines, hoses and connections					I				I				I
Disc brakes					I				I				I
Drum brakes					I				I				I
Steering operation and linkages					I				I				I
Rear differential oil (for 4WD) *2		Replace every 160,000 km (100,000 miles)											
Front and rear suspension ball joints					I				I				I
Driveshaft dust boots					I				I				I
Bolts and nuts on chassis and body					I				I				I
Exhaust system heat shields					I				I				I
All locks and hinges		L	L	L	L	L	L	L	L	L	L	L	L
AIR CONDITIONER SYSTEM (if equipped)													
Refrigerant amount			I		I		I		I		I		I
Compressor operation			I		I		I		I		I		I

*1 According to state and federal regulations, failure to perform maintenance on these items will not void your emissions warranties. However, Mazda recommends that all maintenance services be performed at the recommended time or mileage (kilometrage) period to ensure long-term reliability.

*2 If this component has been submerged in water, the oil should be changed.

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SCHEDULE 2

I: Inspect and repair, clean, adjust, or replace if necessary
(Oil-permeated air filter cannot be cleaned using the air-blow method)

R: Replace

L: Lubricate

Maintenance Item	Maintenance Interval (Number of months or km (miles), whichever comes first)												
	Months	4	8	12	16	20	24	28	32	36	40	44	48
	x 1000 Km	8	16	24	32	40	48	56	64	72	80	88	96
	(x 1000 Miles)	(5)	(10)	(15)	(20)	(25)	(30)	(35)	(40)	(45)	(50)	(55)	(60)
ENGINE													
Engine valve clearance (for 2.0L engine)													I
Engine timing belt (for 2.0L engine)	Replace every 144,000 km (90,000 miles)												
Engine oil	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine oil (for Puerto Rico)	Replace every 4,800 km (3,000 miles) (or 3 months)												
Oil filter	R	R	R	R	R	R	R	R	R	R	R	R	R
Drive belts						I							I
PCV valve (for 2.0L engine) *1	Replace every 96,000 km (60,000 miles)												
PCV valve (for 3.0L engine) *1	Replace every 160,000 km (100,000 miles)												
Hoses and tubes for emission *1													I
IGNITION SYSTEM													
Spark plugs (PLATINUM TIPPED type)	Replace every 160,000 km (100,000 miles)												
FUEL SYSTEM													
Air cleaner filter			I			R			I				R
Fuel filter *1						R							R
Fuel lines & hoses *1						I							I
COOLING SYSTEM													
Cooling system						I							I

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Maintenance Item	Maintenance Interval (Number of months or km (miles), whichever comes first)												
	Months	4	8	12	16	20	24	28	32	36	40	44	48
	x 1000 Km	8	16	24	32	40	48	56	64	72	80	88	96
	(x 1000 Miles)	(5)	(10)	(15)	(20)	(25)	(30)	(35)	(40)	(45)	(50)	(55)	(60)
Engine coolant	Replace at first 72,000 km (45,000 miles) or 36 months; after that, every 48,000 km (30,000 miles) or 24 months												
Engine coolant level	I	I	I	I	I	I	I	I	I	I	I	I	I
ELECTRICAL SYSTEM													
Function of all lights	I	I	I	I	I	I	I	I	I	I	I	I	I
CHASSIS and BODY													
Brake lines, hoses and connections						I							I
Brake fluid level	I	I	I	I	I	I	I	I	I	I	I	I	I
Disc brakes			I			I			I				I
Drum brakes						I							I
Tire inflation pressure and tire wear	I	I	I	I	I	I	I	I	I	I	I	I	I
Steering operation and linkages						I							I
Power steering fluid level	I	I	I	I	I	I	I	I	I	I	I	I	I
Manual transaxle oil	Replace every 48,000 km (30,000 miles)												
Automatic transaxle fluid	Replace every 48,000 km (30,000 miles)												
Rear differential oil (for 4WD)	*2	Replace every 160,000 km (100,000 miles)											
Transfer oil (for 4WD)	*2	Replace every 48,000 km (30,000 miles)											
Front and rear suspension ball joints						I							I
Driveshaft dust boots						I							I
Bolts and nuts on chassis and body			I			I			I				I
Exhaust system heat shields						I							I
All locks and hinges	L	L	L	L	L	L	L	L	L	L	L	L	L
Washer fluid level	I	I	I	I	I	I	I	I	I	I	I	I	I
AIR CONDITIONER SYSTEM (if equipped)													
Refrigerant amount			I			I			I				I
Compressor operation			I			I			I				I

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*2 If this component has been submerged in water, the oil should be changed.

SERVICE RECOMMENDATIONS

To help you service your vehicle:

- We highlight do-it-yourself items in the engine compartment for easy location.
- We provide a Scheduled Maintenance section which makes tracking routine service easy.

If your vehicle requires professional service, your dealership can provide necessary parts and service. Check your “Warranty Information” to find out which parts and services are covered.

Use only recommended fuels, lubricants, fluids and service parts conforming to specifications. Genuine Mazda parts are designed and built to provide the best performance in your vehicle.

PRECAUTIONS WHEN SERVICING YOUR VEHICLE

Be especially careful when inspecting or servicing your vehicle. To avoid damage and/or personal injury:

- Do not work on a hot engine.
- When the engine is running, make sure that loose clothing, jewelry or long hair does not get caught up in moving parts.
- Do not work on a vehicle with the engine running in an enclosed space, unless you are sure you have enough ventilation.
- Keep all lit cigarettes, open flames and other lit material away from the battery and all fuel related parts.

If you disconnect the battery, the engine must “relearn” its idle conditions before your vehicle will drive properly, as explained in *Battery* in this chapter.