

## Maintenance and Specifications

### **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 (Canada and Puerto Rico residents follow Schedule 2).

- Repeated short-distance driving
- Driving in dusty 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

## Maintenance and Specifications

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

### 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)	(90)
<b>ENGINE</b>													
Engine valve clearance (for 2.3L engine)	Audible inspect every 120,000 km (75,000 miles), if noisy, adjust												
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 (tension)	2.3L engine					I					I		
	3.0L engine				I				I				I
PCV valve (for 3.0L engine)	*1	Replace every 160,000 km (100,000 miles)											
<b>IGNITION SYSTEM</b>													
Spark plugs	Replace every 120,000 km (75,000 miles)												
<b>FUEL SYSTEM</b>													
Air cleaner filter						R					R		
Fuel filter	*1				R				R				R
Fuel lines and hoses	*1				I				I				I
Hoses and tubes for emission	*1								I				
<b>COOLING SYSTEM</b>													
Cooling system and hoses					I				I				I
Engine coolant (yellow)	Replace at first 160,000 km (100,000 miles) or 60 months; after that, every 80,000 km (50,000 miles) or 36 months												
Engine coolant level	I	I	I	I	I	I	I	I	I	I	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)	(90)
<b>CHASSIS and BODY</b>													
Brake lines, hoses and connections					I					I			I
Disc brakes		I			I				I			I	I
Drum brakes					I					I			I
Tire (rotation), check wheel lug nut torque*3	Rotate every 12,000 km (7,500 miles)												
Tire inflation and wear	I	I	I	I	I	I	I	I	I	I	I	I	I
Steering operation and linkages					I					I			I
Power steering fluid level	I	I	I	I	I	I	I	I	I	I	I	I	I
Manual transaxle fluid													R
Automatic transaxle fluid	Replace every 240,000 km (150,000 miles)												
Rear differential fluid (4WD only)	*2	Replace every 240,000 km (150,000 miles)											
Transfer case fluid (4WD only)	Replace every 240,000 km (150,000 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	L
Washer fluid level	I	I	I	I	I	I	I	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 miles (kilometers) period to ensure long-term reliability. Refer to *Fuel filter* in the *Maintenance and Specifications* chapter for fuel filter replacement requirements.

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

\*3 The wheel lug nuts must be retightened to the proper specifications at 500 miles (800 km) of new vehicle operation, at any wheel change, or at any other time the wheel lug nuts have been loosened. Refer to *Wheel*

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*Lug Nut Torque Specification* in the *Tires, Wheels and Loading* chapter for the proper lug nut torque specification.

### 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)	
<b>ENGINE</b>														
Engine valve clearance (for 2.3L engine)	Audible inspect every 120,000 km (75,000 miles), if noisy, adjust													
Engine oil	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine oil (for Puerto Rico)	Replace every 5,000 km (3,000 miles) (or 3 months)													
Oil filter	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Drive belts (tension)	2.3L engine							I						
	3.0L engine						I							I
PCV valve (for 3.0L engine) *1	Replace every 160,000 km (100,000 miles)													
<b>IGNITION SYSTEM</b>														
Spark plugs	USA	Replace every 96,000 km (60,000 miles)												
	Others *2	Replace every 120,000 km (75,000 miles)												
<b>FUEL SYSTEM</b>														
Air cleaner filter	Puerto Rico						R							R
	Others							R						
Fuel filter *1						R								R
Fuel lines & hoses *1						I								I
Hoses and tubes for emission *1														I
<b>COOLING SYSTEM</b>														
Cooling system and hoses						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 (yellow)	Replace at first 160,000 km (100,000 miles) or 60 months; after that, every 80,000 km (50,000 miles) or 36 months													
Engine coolant level	I	I	I	I	I	I	I	I	I	I	I	I	I	
<b>ELECTRICAL SYSTEM</b>														
Function of all lights	I	I	I	I	I	I	I	I	I	I	I	I	I	
<b>CHASSIS and BODY</b>														
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 (rotation), check wheel lug nut torque *4	Rotate every 8,000 km (5,000 miles)													
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 fluid (4WD only)	*3	Replace every 160,000 km (100,000 miles)												
Transfer case fluid (4WD only)	*3	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	

\*1 According to state and federal regulations, failure to perform maintenance on these items will not void your emissions warranties.