

## Scheduled Maintenance

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### Scheduled Maintenance (U.S.A., Canada, and Puerto Rico)

Follow Schedule 1 if the vehicle is operated mainly where none of the following conditions (severe driving conditions) apply.

- Repeated short-distance driving
- Driving in dusty conditions
- Driving with extended use of brakes
- Driving in areas where salt or other corrosive materials are 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
- Driving in extremely hot conditions
- Driving in mountainous conditions continually

If any do apply, follow Schedule 2. (Canada residents follow Schedule 2.)

#### **Vehicles using Engine Oil Flexible Maintenance**

Engine Oil Flexible Maintenance is available for U.S.A. and Puerto Rico residents whose vehicle is operated mainly where none of the following conditions apply:

- Extended periods of idling or low-speed operation such as police car, taxi or driving school car
- Driving in dusty conditions

If any do apply, follow Schedule 2 with engine oil fixed maintenance.

Once engine oil flexible maintenance is selected, the vehicle calculates the remaining oil life based on engine operating conditions. The vehicle lets you know when an oil change is due by illuminating the wrench indicator light in the instrument cluster. Change the oil as soon as possible within the next 500 km (300 mile) or 15 days. Refer page 6-20 for the details. Mazda Genuine 0W-20 Oil and Castrol® 0W-20 Oil are required to achieve optimum performance.

#### **NOTE**

- *Please ensure that the Flexible Oil Maintenance Setting is reset after each Oil and Filter replacement.*
- *For maintenance guidelines beyond the miles/months listed, follow the maintenance intervals provided in the Scheduled Maintenance Tables.*

# Scheduled Maintenance

## ▼ Schedule 1

### U.S.A. and Puerto Rico residents - Engine oil flexible maintenance interval

Use when the maintenance monitor for “Oil Change” is set to “Flexible”. For details, see maintenance monitor. (page 6-20)

Maintenance Interval	Number of months or kilometers (miles), whichever comes first.								
	Months	12	24	36	48	60	72	84	96
	×1000 km	16	32	48	64	80	96	112	128
	×1000 miles	10	20	30	40	50	60	70	80
<b>ENGINE</b>									
Drive belts			I				I		
Engine oil & filter* <sup>1</sup>	Replace when wrench indicator light is ON. (Max interval: 12 months/16,000 km (10,000 miles))								
<b>COOLING SYSTEM</b>									
Engine coolant* <sup>2</sup>	Replace at first 192,000 km (120,000 miles) or 10 years; after that, every 96,000 km (60,000 miles) or 5 years.								
<b>FUEL SYSTEM</b>									
Air filter	Replace when any equivalent timing of replacing engine oil. (Max interval: 36 months/60,000 km (37,500 miles))								
Fuel lines and hoses* <sup>3</sup>		I		I		I		I	
Hoses and tubes for emission* <sup>3</sup>				I					I
<b>IGNITION SYSTEM</b>									
Spark plugs	Replace every 120,000 km (75,000 miles).								
<b>CHASSIS and BODY</b>									
Brake lines, hoses and connections		I		I		I		I	
Disc brakes	I	I	I	I	I	I	I	I	I
Tire (Rotation)* <sup>4</sup>	Rotate when any equivalent timing of replacing engine oil. (Max interval: 8,000 km (5,000 miles))								
Steering operation and linkages		I		I		I		I	
Front and rear suspension, ball joints and wheel bearing axial play		I		I		I		I	
Rear differential oil	* <sup>5</sup> * <sup>6</sup>								
Transfer oil	* <sup>6</sup>								
Driveshaft dust boots		I		I		I		I	
Bolts and nuts on chassis and body		T		T		T		T	
Exhaust system and heat shields				I					I
Emergency flat tire repair kit (if installed)* <sup>7</sup>	Inspect annually.								
<b>AIR CONDITIONER SYSTEM</b>									
Cabin air filter	Replace when any equivalent timing of replacing engine oil. (Max interval: 24 months/48,000 km (30,000 miles))								

## Scheduled Maintenance

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### Chart symbols:

**I:** Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

**T:** Tighten

### Remarks:

- \*1 The engine oil and filter must be changed at least once a year or within 16,000 km (10,000 miles) since last engine oil and filter change. The system must be reset whenever replacing the engine oil regardless of the message/wrench indicator light display.
- \*2 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- \*3 According to state/provincial 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/kilometer period to ensure long-term reliability.
- \*4 The Tire Pressure Monitoring System (TPMS) initialization must be performed so that the system operates normally (if equipped).
- \*5 If the vehicle is operated primarily under any of the following conditions, replace the rear differential oil at every 48,000 km (30,000 miles).
  - a) Towing a trailer or using a car-top carrier
  - b) Driving in dusty, sandy or wet conditions
  - c) Extended periods of idling or low speed operation
  - d) Repeated short trips of less than 16 km (10 miles)
- \*6 If this component has been submerged in water, the oil should be replaced.
- \*7 Check the tire repair fluid expiration date every year when performing the periodic maintenance. Replace the tire repair fluid bottle with new one before the expiration date.

# Scheduled Maintenance

## U.S.A. and Puerto Rico residents - Fixed maintenance interval

Use when the maintenance monitor for “Oil Change” is set to “Fixed”. For details, see maintenance monitor. (page 6-20)

Maintenance Interval	Number of months or kilometers (miles), whichever comes first.								
	Months	6	12	18	24	30	36	42	48
	×1000 km	12	24	36	48	60	72	84	96
	×1000 miles	7.5	15	22.5	30	37.5	45	52.5	60
<b>ENGINE</b>									
Drive belts						I			
Engine oil & filter	R	R	R	R	R	R	R	R	R
<b>COOLING SYSTEM</b>									
Engine coolant*1	Replace at first 192,000 km (120,000 miles) or 10 years; after that, every 96,000 km (60,000 miles) or 5 years.								
<b>FUEL SYSTEM</b>									
Air filter						R			
Fuel lines and hoses*2					I				I
Hoses and tubes for emission*2									I
<b>IGNITION SYSTEM</b>									
Spark plugs	Replace every 120,000 km (75,000 miles).								
<b>CHASSIS and BODY</b>									
Brake lines, hoses and connections					I				I
Disc brakes		I			I		I		I
Tire (Rotation)*3*4	Rotate every 12,000 km (7,500 miles).								
Steering operation and linkages					I				I
Front and rear suspension, ball joints and wheel bearing axial play					I				I
Rear differential oil	*5*6								
Transfer oil	*6								
Driveshaft dust boots					I				I
Bolts and nuts on chassis and body					T				T
Exhaust system and heat shields	Inspect every 72,000 km (45,000 miles) or 5 years.								
Emergency flat tire repair kit (if installed)*7	Inspect annually.								
<b>AIR CONDITIONER SYSTEM</b>									
Cabin air filter					R				R

### Chart symbols:

**I:** Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

**R:** Replace

**L:** Lubricate

**T:** Tighten

## Scheduled Maintenance

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### Remarks:

- \*1 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- \*2 According to state/provincial 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/kilometer period to ensure long-term reliability.
- \*3 To equalize tread wear for maintaining good performance in handling and braking, rotate the tires every 12,000 km (7,500 miles). However Mazda recommends to rotate every 8,000 km (5,000 miles) to help increase tire life and distribute wear more evenly.
- \*4 The Tire Pressure Monitoring System (TPMS) initialization must be performed so that the system operates normally (if equipped).
- \*5 If the vehicle is operated primarily under any of the following conditions, replace the rear differential oil at every 48,000 km (30,000 miles).
  - a) Towing a trailer or using a car-top carrier
  - b) Driving in dusty, sandy or wet conditions
  - c) Extended periods of idling or low speed operation
  - d) Repeated short trips of less than 16 km (10 miles)
- \*6 If this component has been submerged in water, the oil should be replaced.
- \*7 Check the tire repair fluid expiration date every year when performing the periodic maintenance. Replace the tire repair fluid bottle with new one before the expiration date.

# Scheduled Maintenance

## ▼ Schedule 2

### U.S.A. and Puerto Rico residents - Severe driving conditions maintenance interval

Maintenance Interval	Number of months or kilometers (miles), whichever comes first.												
	Months	6	12	18	24	30	36	42	48	54	60	66	72
	×1000 km	8	16	24	32	40	48	56	64	72	80	88	96
	×1000 miles	5	10	15	20	25	30	35	40	45	50	55	60
<b>ENGINE</b>													
Drive belts							I						I
Engine oil & filter	Flexible* <sup>1</sup>	Replace when wrench indicator light is ON. (Max interval: 12 months/16,000 km (10,000 miles))											
	Fixed	R	R	R	R	R	R	R	R	R	R	R	R
<b>COOLING SYSTEM</b>													
Engine coolant* <sup>2</sup>	Replace at first 192,000 km (120,000 miles) or 10 years; after that, every 96,000 km (60,000 miles) or 5 years.												
Engine coolant level	I	I	I	I	I	I	I	I	I	I	I	I	I
<b>FUEL SYSTEM</b>													
Air filter* <sup>3</sup>	Replace when any equivalent timing of replacing engine oil. (Max interval: 36 months or 60,000 km (37,500 miles))												
Fuel lines and hoses* <sup>4</sup>				I					I				I
Hoses and tubes for emission* <sup>4</sup>									I				
<b>IGNITION SYSTEM</b>													
Spark plugs	Replace every 120,000 km (75,000 miles).												
<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				I
Brake and clutch fluid level	I	I	I	I	I	I	I	I	I	I	I	I	I
Disc brakes		I		I		I		I		I		I	I
Tire (Rotation)* <sup>5</sup>	Rotate when any equivalent timing of replacing engine oil. (Max interval: 8,000 km (5,000 miles))												
Tire inflation pressure and tire wear* <sup>5</sup>	I	I	I	I	I	I	I	I	I	I	I	I	I
Steering operation and linkages				I					I				I
Front and rear suspension, ball joints and wheel bearing axial play				I					I				I
Rear differential oil	*6*7												
Transfer oil	*7												
Driveshaft dust boots				I					I				I
Bolts and nuts on chassis and body				T					T				T
Exhaust system and heat shields	Inspect every 72,000 km (45,000 miles) or 5 years.												

# Scheduled Maintenance

Maintenance Interval	Number of months or kilometers (miles), whichever comes first.												
	Months	6	12	18	24	30	36	42	48	54	60	66	72
	×1000 km	8	16	24	32	40	48	56	64	72	80	88	96
	×1000 miles	5	10	15	20	25	30	35	40	45	50	55	60
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
Emergency flat tire repair kit (if installed)*8	Inspect annually.												
<b>AIR CONDITIONER SYSTEM</b>													
Cabin air filter	Replace every 40,000 km (25,000 miles) or 2 years.												

### Chart symbols:

**I:** Inspect: Inspect and clean, repair, adjust, fill up, or replace if necessary.

**R:** Replace

**L:** Lubricate

**T:** Tighten

### Remarks:

\*1 Engine oil flexible maintenance is available for U.S.A. and Puerto Rico residents whose vehicle is operated mainly where none of the following conditions apply.

- Extended periods of idling or low-speed operation such as police car, taxi or driving school car
- Driving in dusty conditions

If any do apply, follow fixed maintenance.

The engine oil and filter must be changed at least once a year or within 16,000 km (10,000 miles) since last engine oil and filter change. Reset the engine oil data whenever replacing the engine oil regardless of the message/wrench indicator light display.

- \*2 Use of FL-22 is recommended when replacing engine coolant. Using engine coolant other than FL-22 may cause serious damage to the engine and cooling system.
- \*3 If the vehicle is operated in very dusty or sandy areas, clean and if necessary, replace the air filter more often than the recommended intervals.
- \*4 According to state/provincial 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/kilometer period to ensure long-term reliability.
- \*5 The Tire Pressure Monitoring System (TPMS) initialization must be performed so that the system operates normally (if equipped).
- \*6 If the vehicle is operated primarily under any of the following conditions, replace the rear differential oil at every 48,000 km (30,000 miles).
- a) Towing a trailer or using a car-top carrier
  - b) Driving in dusty, sandy or wet conditions
  - c) Extended periods of idling or low speed operation
  - d) Repeated short trips of less than 16 km (10 miles)
- \*7 If this component has been submerged in water, the oil should be replaced.
- \*8 Check the tire repair fluid expiration date every year when performing the periodic maintenance. Replace the tire repair fluid bottle with new one before the expiration date.