

# PRE-DELIVERY INSPECTION AND SCHEDULED MAINTENANCE SERVICES

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86U00X-001

# 0 PRE-DELIVERY INSPECTION

## PRE-DELIVERY INSPECTION

### PRE-DELIVERY INSPECTION TABLE

#### EXTERIOR

**INSPECT** and **ADJUST**, if necessary, the following items to the specifications:

- Glass, exterior bright metal and paint for damage
- Wheel lug nuts  
88–118 N·m (9–12 m·kg, 65–87 ft·lb)
- Tire pressures (Refer to section 12)
- All weatherstrips for damage or detachment
- Operation of hood release and lock
- Operation of fuel lid and trunk lid (Back door) opener
- Door operation and alignment
- Headlight aiming

**INSTALL** the following parts:

- Wheel caps or rings (if equipped)
- Outside rear view mirror(s)

#### UNDER HOOD—ENGINE OFF

**INSPECT** and **ADJUST**, if necessary, the following items to the specifications:

- Fuel, coolant and hydraulic lines, fittings, connections and components for leaks
- Engine oil level
- Power steering fluid level (if equipped)
- Brake and clutch master cylinder fluid level (if equipped)
- Windshield washer reservoir fluid level
- Radiator coolant level and specific gravity

Protection °C (°F)	Specific gravity at 20°C (68°F)
-16 (3)	1.054
-26 (-15)	1.066
-40 (-40)	1.078

- Tightness of water hose clamps (including heater hoses)
- Tightness of battery terminals
- Manual transaxle oil level
- Drive belt tensions (Refer to section 1)
- Accelerator cable and its linkage for free movement
- Headlight cleaner fluid level (if equipped)

**CLEAN** spark plugs

#### INTERIOR

**INSTALL** the following parts:

- Rubber stopper for inside rear view mirror
- Fuse for accessories

**CHECK** the operations of the following items:

- Seat controls (sliding and reclining) and head rest
- Door locks including childproof door locks (if equipped)
- Seat belts and warning system
- Ignition switch and steering lock
- Inhibitor switch (ATX only)
- All lights including warning and indicator lights
- Sound warning system
- Headlight cleaner (if equipped)
- Horn, wipers and washers (front and rear, if equipped)
- Radio and antenna (if equipped)

- Cigarette lighter and clock
- Remote control outside rear view mirrors (if equipped)
- Power windows (if equipped)
- Heater, defroster and air conditioner at various mode selection (if equipped)
- Sunroof (if equipped)

**ADJUST** antenna trimmer on radio (if equipped)

**CHECK** the following items:

- Presence of spare fuse
- Upholstery and interior finish

**CHECK** and **ADJUST**, if necessary, the following items:

- Operation and fit of windows
- Pedal height and free play of brake and clutch pedal

	Pedal height mm (in)	free play mm (in)
Clutch pedal	216.5–217 (8.52–8.54)	5–13 (0.2–0.51)
Brake pedal	222–227 (8.74–8.94)	4–7 (0.16–0.28)

- Parking brake  
5–7 notches/98 N (10 kg, 22lb)

#### UNDER HOOD—ENGINE RUNNING AT OPERATING TEMPERATURE

**CHECK** the following items:

- Automatic transaxle fluid level
- Initial ignition timing  
Non-turbo 6° ± 1° BTDC  
Turbo 9° ± 1° BTDC (with test connector grounded)

#### ON HOIST

**CHECK** the following items:

- Underside fuel, coolant and hydraulic lines, fittings, connections and components for leaks
- Tires for cuts or bruises
- Steering linkage, suspension, exhaust system and all underside hardware for looseness or damage

**REMOVE** protective cover from brake discs

#### ROAD TEST

**CHECK** the following items:

- Brake operation
- Clutch operation
- Steering control
- Operation of meters and gauge
- Squeaks, rattles or unusual noise
- Engine general performance (including turbo)
- Emergency locking retractors
- Cruise control system (if equipped)

#### AFTER ROAD TEST

**REMOVE** seat and floor mat protective covers

**CHECK** for necessary owner information materials, tools and spare tire in vehicle

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## SCHEDULED MAINTENANCE SERVICES

## MAINTENANCE TABLE (SCHEDULE 1)

Follow Schedule 1 (Normal Driving Condition) if you mainly operate your vehicle where none of the following conditions apply. (Except Canada)  
 Follow Schedule 2 (Unique Driving Condition) if one or more of the items below apply:

- Repeated short distance driving.
- Driving in dusty conditions.
- Driving a with extended use of brakes.
- Driving in areas using road salt or other corrosive materials.
- Driving on rough and/or muddy roads.
- Extended periods of idling and/or low-speed operation.
- Driving for a prolonged period in cold temperature and/or extremely humid climates.

**SCHEDULE 1 (NORMAL DRIVING CONDITION)****Chart symbols:**

- I:** Inspect, and if necessary correct, clean or replace  
**R:** Replace or change  
**T:** Tighten  
**L:** Lubricate

**Remarks:**

After 60 months or 60,000 miles (96,000km), continue to follow the described maintenance items and intervals periodically.  
 As for \* marked items in this maintenance chart, please pay attention to the following points.

- \*1 Replacement of the timing belt is required at every 60,000 miles (96,000km). Failure to replace the timing belt may result in damage to the engine.  
 \*2 This maintenance operation is recommended by Mazda. However, this maintenance is not necessary for emission warranty coverage or manufacturer recall liability.

# 0 SCHEDULED MAINTENANCE SERVICES

## MAINTENANCE TABLE (SCHEDULE 1)

Interval	Number of months or km (miles) whichever comes first										Service data and inspection point	Page	
	Months		7.5	15	22.5	30	37.5	45	52.5	60			
	Miles	Kilometers	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000			
<b>Procedure &amp; item</b>													
Steering operations and linkage				I								I	10-10
Air cleaner element						R						R	10-13
Spark plugs							R					R	4A-32 4B-37
													5-27
Cooling system			I			I		I				I	3-4
Engine coolant						R						R	3-4
Drive belts						I						I	1-6
Fuel filter													
Fuel lines								I <sup>2</sup>					4A-57 4B-69
Brake lines, hoses and connections													4A-41
Engine timing belt*1													4B-52
Engine oil													11-7
													1-10
													2-4
Oil filter													2-5
Drum brakes													11-47
Disc brakes													11-33,41
													11-33,41
													11-33,41

MAINTENANCE TABLE (SCHEDULE 1)

Interval <del>Procedure &amp; item</del>	Number of months or km (miles) whichever comes first										Service data and inspection point	Page		
	Months	7.5	15	22.5	30	37.5	45	52.5	60	60				
	Miles Kilometers	7,500 12,000	15,000 24,000	22,500 36,000	30,000 48,000	37,500 60,000	45,000 72,000	52,500 84,000	60,000 96,000	60,000 96,000				
Front suspension ball joints					I							I	• Damage, looseness and grease leakage	13—14
Drive shaft dust boots					I							I	• For cracks, damage, leakage of grease or looseness of band	9—32
Rear suspension ball joints (4-wheel steering vehicle only)					I							I	• Damage, looseness and grease leakage	9—35
4-wheel steering system operation and linkage					I							I	• Operation and looseness	13—31
Steering angle of rear wheels (4-wheel steering vehicle only)					I							I	• Fluid leakage or oozing	10—10
Solenoid valve oil filter for 4-wheel steering system												I	• Steering wheel angle: Inner 5° 00' ± 45' Outer 5° 00' ± 45'	10—14
Exhaust system heat shield						R						R	—	13—47
Bolts and nuts on chassis and body steering system						I						I	• Clearance to body, and exhaust system	10—38
Air conditioner system (if equipped)												T	—	4A—74
Compressor												T	—	—
													950—1,050 g (33.5—37.1 oz)	16—39
													—	16—42

Inspect the refrigerant amount annually  
Inspect the operation annually

# 0 SCHEDULED MAINTENANCE SERVICES

## MAINTENANCE TABLE (SCHEDULE 2)

### SCHEDULE 2 (UNIQUE DRIVING CONDITION)

#### Chart symbols:

- I** : Inspect, and if necessary correct, clean or replace
- R** : Replace or change
- T** : Tighten
- L** : Lubricate

#### Remarks:

After 60 months or 60,000 miles (96,000km), continue to follow the described maintenance items and intervals periodically.

As for \* marked items in this maintenance chart please pay attention to the following points.

- \*1 Replacement of the timing belt is required at every 60,000 miles (96,000km). Failure to replace the timing belt may result in damage to the engine.
- \*2 This maintenance operation is recommended by Mazda. However, this maintenance is not necessary for emission warranty coverage or manufacturer recall liability.
- \*3 This maintenance operation is required for Canada and all states except California. However, we do recommend that this operation be performed on California vehicles as well.



# 0 SCHEDULED MAINTENANCE SERVICES

## MAINTENANCE TABLE (SCHEDULE 2)

Interval	Number of months or km (miles) whichever comes first													Service data and inspection point	Page
	Months	5	10	15	20	25	30	35	40	45	50	55	60		
<b>Procedure &amp; item</b>	<b>Months (x1,000)</b>	5	10	15	20	25	30	35	40	45	50	55	60	• Damage, looseness and grease leakage	13—14
Front suspension ball joints	<b>Kilometers (x1,000)</b>	8	16	24	32	40	48	56	64	72	80	88	96		
Drive shaft dust boots														• For cracks, damage, leakage of grease or looseness of band	9—32 9—35
Rear suspension ball joints (4-wheel steering vehicle only)														• Damage, looseness and grease leakage	13—31
4-wheel steering system operation and linkage														• Operation and looseness	10—10
Steering angle of rear wheels (4-wheel steering vehicle only)														• Fluid leakage or oozing	10—14
														• Steering wheel angle: Inner 5° 00' ± 45' Outer 5° 00' ± 45'	13—47
Solenoid valve oil filter for 4-wheel steering system															10—38
Exhaust system heat shield															4A—74
Bolts and nuts on chassis and body														• Clearance to body, and exhaust system	—
Air conditioner system (if equipped)														950—1,050 g (33.5—37.1 oz)	16—39
Compressor														—	16—42