

PRE-DELIVERY INSPECTION AND SCHEDULED MAINTENANCE SERVICES

PRE-DELIVERY INSPECTION.....	0— 2
PRE-DELIVERY INSPECTION TABLE.....	0— 2
SCHEDULED MAINTENANCE SERVICES	0— 3
MAINTENANCE TABLE (SCHEDULE 1).....	0— 3
MAINTENANCE TABLE (SCHEDULE 2).....	0— 7

86U00X-001

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 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 noches/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

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 Procedure & item	Number of months or km (miles) whichever comes first											Service data and inspection point	Page											
	Months		7,500		15,000		22,500		30,000		37,500			45,000		52,500		60,000						
	Kilometers		12,000		24,000		36,000		48,000		60,000			72,000		84,000		96,000						
Steering operations and linkage									I									I	<ul style="list-style-type: none"> Free play: 0–30 mm (0–1.18 in) Operation and looseness Fluid leakage or oozing 	10–10				
Air cleaner element									R									R	—	10–13				
Spark plugs									R									R	<ul style="list-style-type: none"> Plug gap: 1.0–1.1 mm (0.039–0.043 in) Recommended spark plugs <table border="1"> <tr> <td>NGK</td> <td>ZFR5A-11 ZFR6A-11 ZFR7A-11</td> </tr> <tr> <td>Nippon Denso</td> <td>QJ16CR11 QJ20CR11 QJ22CR11</td> </tr> </table>	NGK	ZFR5A-11 ZFR6A-11 ZFR7A-11	Nippon Denso	QJ16CR11 QJ20CR11 QJ22CR11	4A–32 4B–37
NGK	ZFR5A-11 ZFR6A-11 ZFR7A-11																							
Nippon Denso	QJ16CR11 QJ20CR11 QJ22CR11																							
Cooling system									I									I	<ul style="list-style-type: none"> Hoses for cracks or wear Coolant level 	3–4				
Engine coolant									R									R	—	3–4				
Drive belts									I									I	<ul style="list-style-type: none"> Cracks or damage Tension 	1–6				
Fuel filter																		R	—	4A–57 4B–69				
Fuel lines																		I	<ul style="list-style-type: none"> Fittings, connections and components for leaks 	4A–41 4B–52				
Brake lines, hoses and connections																		I	<ul style="list-style-type: none"> Proper attachment and connections 	11–7				
Engine timing belt*1																			—	1–10				
Engine oil																		R	<ul style="list-style-type: none"> Oil pan capacity: 3.9 liters (4.1 US qt, 3.4 Imp qt) 	2–4				
Oil filter	Non-turbo																	R	<ul style="list-style-type: none"> Oil filter capacity: 0.3 liters (0.32 US qt, 0.26 Imp qt) 	2–5				
	Turbo																	R						
Drum brakes	Non-turbo																	R	<ul style="list-style-type: none"> Min. lining thickness: 1.0 mm (0.04 in) Max. drum inner dia.: 230.1 mm (9.06 in) 	11–47				
	Turbo																	R						
Disc brakes	Non-turbo																	I	<ul style="list-style-type: none"> Min. pad thickness: Front 2.0 mm (0.08 in) Rear 1.0 mm (0.04 in) Min. disc thickness: Front 22.0 mm (0.87 in) Rear 8.0 mm (0.31 in) Disc run-out: 0.1 mm (0.004 in) 	11–33,41				
	Turbo																	I						

MAINTENANCE TABLE (SCHEDULE 1)

Interval Procedure & item	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	60,000						
	Miles	12,000	24,000	36,000	48,000	60,000	72,000	84,000	96,000	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 9-35	
Rear suspension ball joints (4-wheel steering vehicle only)					I								I	• Damage, looseness and grease leakage	13-31	
4-wheel steering system operation and linkage					I								I	• Operation and looseness • Fluid leakage or oozing	10-10 10-14	
Steering angle of rear wheels (4-wheel steering vehicle only)					I								I	• Steering wheel angle: Inner 5° 00' ± 45' Outer 5° 00' ± 45'	13-47	
Solenoid valve oil filter for 4-wheel steering system					R								R	—	10-38	
Exhaust system heat shield					I								I	• Clearance to body, and exhaust system	4A-74	
Bolts and nuts on chassis and body					T								T	—	—	
Air conditioner system (if equipped)	Refrigerant				Inspect the refrigerant amount annually										950-1,050 g (33.5-37.1 oz)	16-39
Compressor					Inspect the operation annually										—	16-42

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.

MAINTENANCE TABLE (SCHEDULE 2)

Interval Procedure & item	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
	Miles (x1,000)	8	16	24	32	40	48	56	64	72	80	88			96
Steering operations and linkage						I							I	Free play: 0—30 mm (0—1.18 in) • Operation and looseness • Fluid leakage or oozing	10—10 10—13 4A—32 4B—37
Air cleaner element			I*3			R				I*3			R	—	10—13
Spark plug							R						R	• Plug gap: 1.0—1.1 mm (0.039—0.043 in) • Recommended spark plugs NGK ZFR5A-11 ZFR6A-11 ZFR7A-11 Nippon QJ16CR11 QJ20CR11 QJ22CR11 Denso	5—27
Cooling system			I			I				I			I	• Hoses for cracks or wear • Coolant level	3—4
Engine coolant						R							R	—	3—4
Drive belts						I							I	• Cracks or damage • Tension	1—6
Fuel filter													R	—	4A—57 4B—69
Fuel lines										I*2			I	• Fitting, connections and components for leaks	4A—41 4B—52
Brake lines, hoses and connections													I	• Proper attachment and connections	11—7
Engine timing belt*1														—	1—10
Engine oil			R	R	R	R	R	R	R	R	R	R	R	• Oil pan capacity: 3.9 liters (4.1 US qt, 3.4 Imp qt)	2—4
	Non-turbo													—	
	Turbo													• Oil filter capacity: 0.3 liters (0.32 US qt, 0.26 Imp qt)	2—5
Oil filter	Non-turbo	R	R	R	R	R	R	R	R	R	R	R	R	• Min. lining thickness: 1.0 mm (0.04 in) • Max. drum inner dia.: 230.1 mm (9.06 in)	11—47
	Turbo													• Min. pad thickness: Front 2.0 (0.08 in) Rear 1.0 mm (0.04 in) • Min. disc thickness: Front 22.0 mm (0.87 in) Rear 8.0 mm (0.31 in) • Disc run-out: 0.1 mm (0.004 in)	11—33,41 11—33,41
Drum brakes														—	2—5
Disc brakes														—	11—47

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
	Miles (x1,000)	5	10	15	20	25	30	35	40	45	50	55			60
Procedure & item	Kilometers (x1,000)	8	16	24	32	40	48	56	64	72	80	88	96		
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 9—35
Rear suspension ball joints (4-wheel steering vehicle only)						I							I		• Damage, looseness and grease leakage 13—31
4-wheel steering system operation and linkage						I							I		• Operation and looseness • Fluid leakage or oozing 10—10 10—14
Steering angle of rear wheels (4-wheel steering vehicle only)						I							I		• Steering wheel angle: Inner 5° 00' ± 45' Outer 5° 00' ± 45' 13—47
Solenoid valve oil filter for 4-wheel steering system													R		10—38
Exhaust system heat shield													I		• Clearance to body, and exhaust system 4A—74
Bolts and nuts on chassis and body													T		
Air conditioner system (if equipped)	Refrigerant Compressor			T						T					
															950—1,050 g (33.5—37.1 oz) 16—39
															— 16—42