

MAZDA MAINTENANCE CATALOG



zoom-zoom



mazda

An eco-friendly performance protecting our rich natural environment and beautiful landscapes, safety features designed to prevent accidents and protect the passengers, and an experience of free maneuvering that can achieve the "Jinba Ittai" ("Unity between horse and rider") sensations.

We offer a secure and comfortable after service in order to ensure the best possible driving experience for all our customers driving Mazda cars, designed to capture the perfect balance between the "celebrate driving" and "excellent environmental/safety performance", and to impress our customers with Mazda philosophy.

Our goal is to make sure our customers always enjoy driving.



Contents

1 Car Inspection and Maintenance

This chapter explains the importance of our secure Mazda service and inspection/maintenance, and provides information about the inspection schedule and items.

2 Mazda Technology

This chapter focuses on the latest mechanism adopted in Mazda Technology, such as SKYACTIV TECHNOLOGY

3 Periodic Replacement Parts

Our cars include many parts that need to be replaced periodically. This chapter explains the functions of those parts, what happens when the parts deteriorate, and when to replace them.

Car Inspection and Maintenance



■ Mazda Service

In order to always ensure the "Celebrate Driving" and "Excellent Environmental/Safety Performance" that characterize Mazda cars, the Mazda specialists at our dealerships offer their knowledge and expertise to keep your car in excellent condition.



About Mazda Specialists

Our car specialists are trained within the original Mazda qualification system that includes qualification "training" and "qualification exams".

Our Service Staff

*Our Mazda service advisors use their broad knowledge and deep understanding of Mazda cars to offer advice for a safe, secure and comfortable driving experience to our customers.

- Mazda service engineers know our cars and technology inside out, from the car basics to the latest SKYACTIV TECHNOLOGY.

Training

In addition to standard training, we provide training for new-model cars focusing on novel mechanism and new technology in order to provide adequate services for the customers who purchase new-model cars.

Mazda dealerships are equipped with original Mazda service support tools and highly trusted, quality genuine parts.

Mazda Modular Diagnostic System (M-MDS)



Our proprietary Mazda Modular Diagnostic Systems (M-MDS) are equipped to make the inspection and malfunction diagnosis of advanced electronic control systems more efficient.

Mazda Electronic Service Information (MESI)



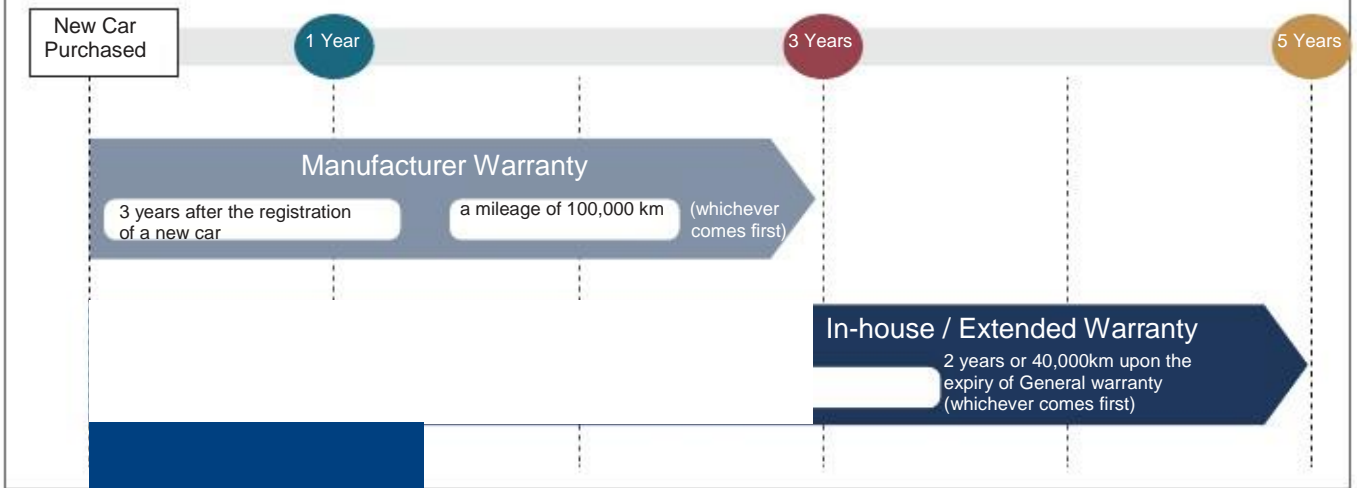
MESI allows Mazda Service Technicians to search quickly for the most suitable updated information required for maintenance.

Mazda Genuine Parts

<About Mazda Genuine Parts>

- These "high-quality" "long-life" parts meet the strict quality standards and durability evaluation criteria set by Mazda.
- The genuine parts are developed and designed especially for Mazda cars to bring out their full potential.

Warranty



Warranty Period

Manufacturer's Warranty

- Warranty Period 3 years after the registration of a new car or a mileage of 100,000km (whichever comes first)
- Warranty Coverage This warranty covers all the parts except for the ones listed below.

- Consumable parts that wear out with use (Examples: belts, filters, and brake pads)
- Lubricants / Fluid (Examples: engine oil, brake fluid)
- Tires, tubes, batteries
- Parts that are covered by separate warranties (Examples: retrofit parts such as aerodynamic parts,
- Body mounting parts for welfare cars or customized cars)
- Dealership optional accessories and similar parts

Manufacturers
Warranty
Example

Power windows do not work.



No air is coming out of the air conditioner.



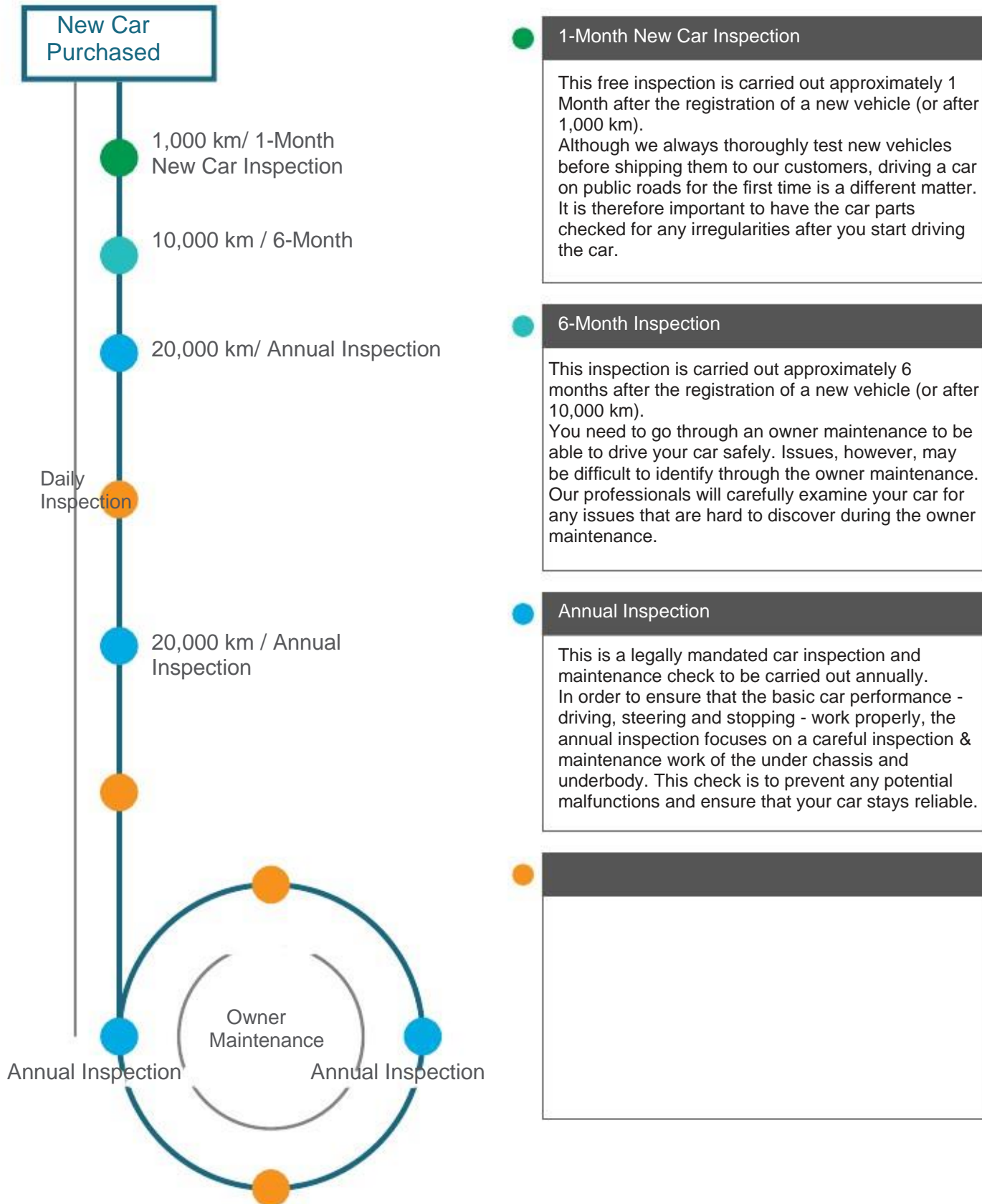
The doors do not lock properly.



Scheduled Maintenance

Scheduled Maintenance Schedule

For a safe, secure and comfortable driving experience, we recommend owner maintenance and proper scheduled Maintenance for your car.



Scheduled Maintenance

1,000km New Car Inspection

Car Interior



- Brake pedal Play / pedal reserve
- Brakes Braking performance



- Parking brake Lever (Pedal) travel

Under Chassis Inspection



- Brake hoses and brake pipes Damage / installation / fluid leaks



- Tires Air pressure
- Wheel nuts and bolts Looseness

Engine Room



- Engine oil Leaks / level



- Engine coolant Level



- Brake fluid Level
- Clutch fluid Level



- Power steering oil Level



- Fan belt Looseness / damage



- Engine
- Fuel Leaks
- Emissions

Underbody Inspection



- Power steering Oil leaks
- Steering gear box Oil leaks



- Transmission Oil leaks
- Differential Oil leaks



- Lighting systems Light operation / Contamination and damage
- Turn signals Flashing / Contamination and damage

Car Exterior Inspection

10,000km Inspection



Engine Room



- Engine oil Level



- Engine coolant Level



- Brake fluid Level



- Battery fluid Level



- Power steering belt Looseness / damage
- Fan belt Looseness / damage
- Air pump belt



- Engine Low-speed operation and acceleration
- Emissions

(Cars with rotary engines) Looseness

Car Interior



- Brake pedal Play / pedal reserve
- Brakes Braking performance



- Clutch pedal Play / gap between the pedal and floor board when disengaged



- Parking brake Lever (Pedal) travel

Car Exterior



- Lighting systems Light operation / contamination or damage
- Turn signals Flashing / contamination or damage

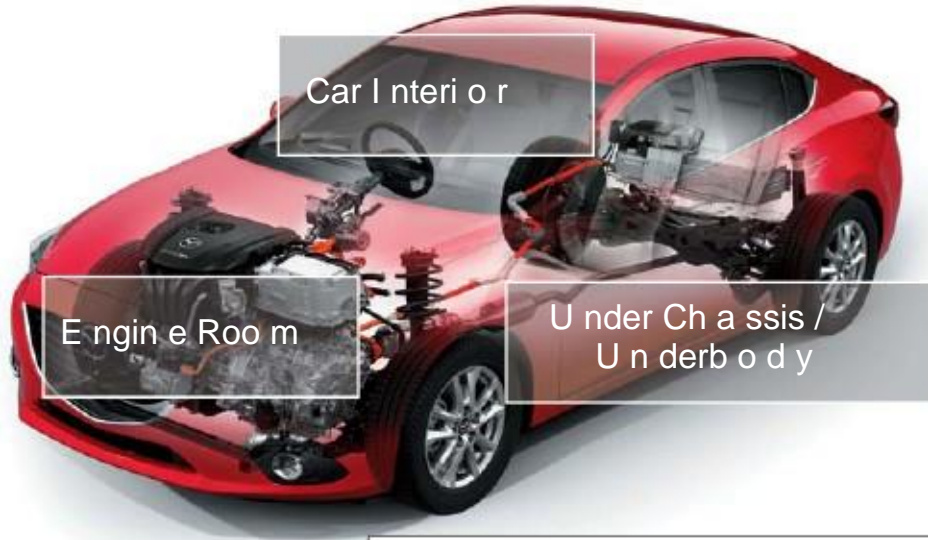


- Windshield washer fluid Fluid level, injection performance
- Windshield wipers Wiping performance

Scheduled Maintenance

20,000 km Annual Inspection

This is a car inspection and maintenance check to be carried out annually. In order to ensure that the basic car performance - driving, steering and stopping - work properly, the annual inspection focuses on a careful inspection and maintenance work of the under chassis and underbody. This check is to prevent any potential malfunctions and ensure that your car stays reliable.



■ : These inspection items may be left out depending on the car mileage.

Engine Room



■ Engine coolant Leaks



■ Air filter
Contamination / clogging / damage



■ Spark plug condition
■ Ignition timing
■ Distributor cap condition



■ Power steering belt
Looseness / damage



■ Battery
Loose or corroded terminals



■ Emissions
CO and HC density / color



■ Common rail injection system
Injection amount adjustment
(only for some vehicle models)



■ Fan belt
Looseness / damage

Car Interior



■ Brake pedal
Play / gap between the pedal
and floor board when depressed
■ Brakes Performance



■ Parking brake
Lever (Pedal) travel / performance

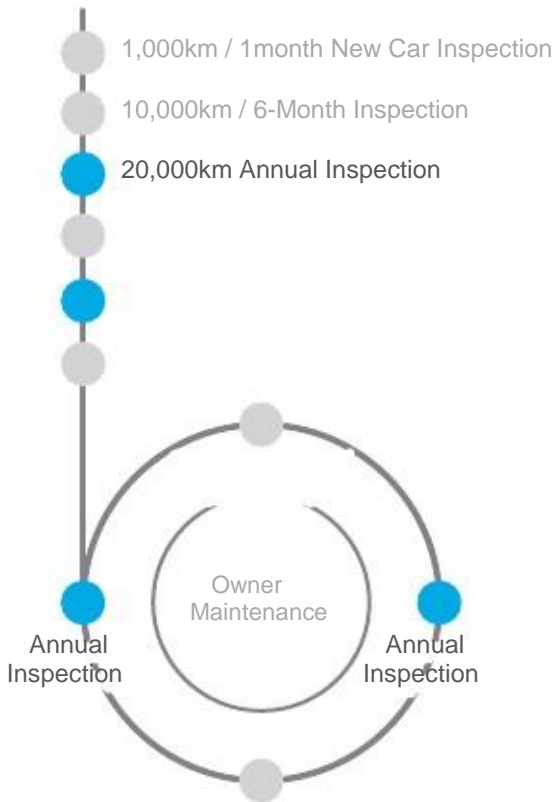


■ Clutch pedal
Play / gap between the pedal
and floor board when disengaged



■ Camera and navigation system function
Check the field of vision in the front
and to the left
(only for some vehicle models)

Scheduled Maintenance



Under Chassis



- Tires
 - Air pressure / cracks and damage / tread depth
 - Abnormal wear / air pressure in spare tires
- Wheel bolts and nuts
 - Looseness



- Gaps between brake discs and pads
- Brake pad abrasion



- Gaps between brake drums and linings
- Wear on the sliding parts and linings of brake shoes



- Master cylinder, Wheel cylinder
- Disc calipers
- Brake fluid leaks

Underbody



- Brake hoses and pipes
 - Damage / fluid leaks / mounting conditions



- Transmission oil, Transfer oil
 - Leaks / level
- Engine oil Leaks



- Propeller shaft, drive shaft
 - Loose connections



- Exhaust pipes, muffler
 - Loose mountings / damage / corrosion

Severe Conditions



- Steering gear box
 - Loose mountings



- Brake discs
 - Wear / damage



- Brake drums
 - Wear / damage



- Suspension
 - Loose mountings and connections / slackness / damage on any of the parts
- Rods and arms
 - Cracks or damage on dust boots of ball joints



- Drive shaft boots
 - Cracks / damage



- Fuel Leaks

Severe Conditions

(Driving under severe conditions as defined by the manufacturer)

- 1 Long-distance driving
- 2 Repeated short-distance trips
- 3 Frequent low-speed driving or idling
- 4 Frequent driving on mountain roads and slopes
- 5 Frequent driving on roads in poor condition