



NEW MAZDA MX-5



We believe in
the power of
human potential;
creativity,
imagination
and the amazing things
we're all capable of
when we're inspired.

We believe in
taking the unconventional road
and going the extra mile
to do work that inspires.

WE BELIEVE.

We believe in
artisans, designers, engineers
and ambassadors
who pour human energy
into their work.

We believe in
the power of cars to
move human emotions.
To awaken senses,
heighten reflexes,
make pulses race.

We believe
the joy of being alive
comes from what we discover
on our journey, and the inspiration
we find in every mile.

Mazda makes you feel alive.



One shining inspiration runs throughout the whole of Mazda MX-5's long and storied history: the purest expression of the lightweight, open-top sports car's fun-to-drive character.

And the latest models bring that unmatched pleasure to an even wider range of drivers, stimulating hidden emotions and awakening dormant sensibilities.

In particular, Mazda's trademark Jinba-ittai handling and eco-friendly performance are assured by Skyactiv Technology which continues to set the pace in automotive engineering.

Technically, aesthetically, emotionally — Mazda MX-5 is a tour de force like no other car on the road, offering a truly unforgettable experience. An experience you owe it to yourself to discover.

THE THE OPEN AIR, MAZDA WAY







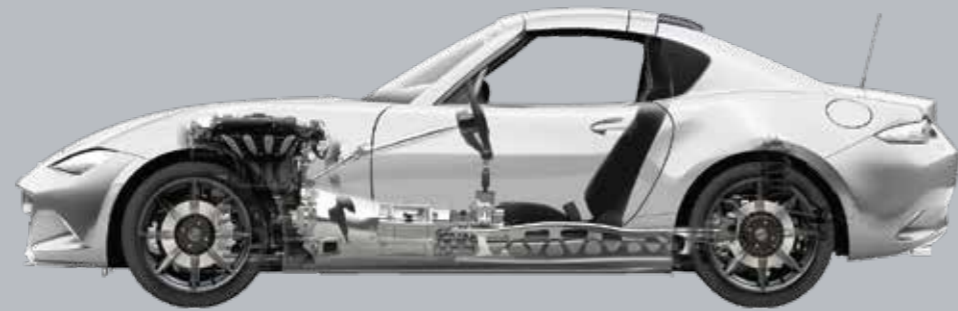


THE REDEFINITION OF DRIVING PLEASURE

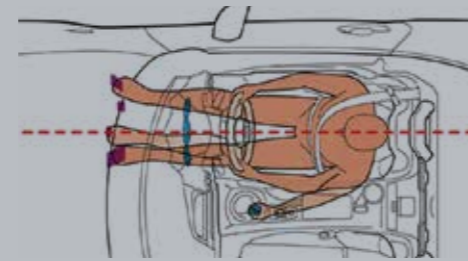
REFINING THE CLASSIC LIGHTWEIGHT SPORTS CAR

First and foremost, development focused on creating a driving experience only the Mazda MX-5 series could offer, through response and handling that precisely match the driver's intentions. The aim was simple: to make the vehicle feel like

a natural extension of your body. Enhancing Mazda's trademark Jinba-ittai — the feeling of being one with car — and fun-to-drive characteristics were the watchwords, even as successive models met the challenge of satisfying ever-higher demands for comfort, safety and environmental friendliness. Of course, weight was kept as low as possible, while the latest advances in Skyactiv Technology keep the suspension, body and powertrain acting in perfect harmony. Taken together, it all adds up to a total redefinition of sports car driving pleasure.



From the very first generation, Mazda MX-5 has always featured a compact, open-top two-seater body, a Front-midship engine/Rear-wheel drive (FR) configuration, and 50:50 front/rear weight distribution — the classic layout of a lightweight sports car. The fourth generation carries on the tradition, but with the engine moved rearward and an aluminium bonnet and boot lid to achieve a lowered yaw inertia moment. Combined with a lower centre of gravity realized by lowering the engine's mounting position and the seats, this results in the kind of response and handling drivers dream about. Another key element adding to the commanding feeling of control is the driving position: the driver is placed closer to the car's centre line, the steering column features telescopic adjustment, and the pedals, controls, meters and displays are optimally located to allow the driver to maintain good posture and drive comfortably. Additionally, the low nose, rearward position of the A-pillars and thinner front header afford a panoramic view for easier confirmation of the



surroundings and the car's behaviour. The seats themselves feature Mazda's innovative and ergonomic S-fit Structure, employing a net material and urethane pads in place of the conventional metal springs/urethane pad structure. This reduces both the weight and thickness of the seats at the same time as providing superior support and holding capability when driving hard through the curves.



SAVING WEIGHT, ADDING PERFORMANCE



Skyactiv Technology, long years of experience and Mazda's proven 'Gram strategy' allowed a significant weight reduction for the current generation. Optimal distribution of functions, introduction of compact components, structural innovations, and wider use of aluminium and other lightweight materials resulted from Mazda's pursuit of the ideal structure for the body, chassis and engine. And by further advancing the Skyactiv-Body concept of a continuous framework, this reduced weight even resulted in greater rigidity. Measures taken included optimizing the framework, larger cross-sections and straighter lines for the high-mount backbone frame, and more extensive use of high-tensile sheet steel, as well as integrating the chassis and the body. In particular, Mazda MX-5 has a dedicated tunnel member specifically developed to handle the changes in front/rear rigidity stemming from the retractable hardtop.

KEEPING YOU FOCUSED AND IN THE PICTURE

THE LEADING EDGE OF HMI DESIGN

All driving demands concentration. Sports driving even more so. And it's hard to maintain concentration in modern cars because they constantly supply you with information: route guidance from the navigation system, hazard warnings, audio entertainment from a wide range of sources...the list just goes on. The key is how information is presented. That's why Mazda developed its unique Human-Machine Interface (HMI) design, and engineered the cockpit from the ground up to give you information in a way that lets you stay focused on the road and on safe driving.

The amount of information presented to you when driving continues its increase. For example, i-Activsense detects traffic conditions around the vehicle and provides warnings, while Mazda Connect, Mazda's in-vehicle connectivity system, offers the latest Internet-connected services via your smartphone. So to present this rising tide of information without compromising safety, Mazda engineered the cockpit's HMI design to prevent confusion in decision-making, minimize driver eye movements, and reduce physical stress. The cockpit itself is divided into two zones, one focused on driving and the other focused



on infotainment, and each zone has information displays and controls according to its purpose. Physically separating these interfaces promotes easier recognition and smoother operation. Frequently used operations are controlled by steering-wheel mounted switches without taking the hands off the steering wheel. Information Mazda Connect's audio and communication is displayed on an 8.8-inch centre display featuring graphic designed for instant legibility. Multi-stage operations of Mazda Connect are quickly and accurately controlled by a commander control located on the floor console where the driver's hand naturally falls.



Note: Available functions of Mazda Connect may vary according to the type of connected smartphone and its operating environment. Please consult your local Mazda dealer for exact information.

WIRELESS APPLE CARPLAY® AND MAZDA CONNECT, THE BENCHMARK IN-VEHICLE CONNECTIVITY SYSTEM

Internet connectivity has become an essential part of daily life, even while travelling in a car. So Mazda developed Mazda Connect to provide versatile connectivity while further enhancing safety. Mazda Connect offers a huge range of infotainment options from the Internet through Aha™ by HARMAN when connected to a smartphone via Bluetooth. The system's Audio feature allows selection of various music sources including AM/FM radios and mobile audio players. The Communication feature reads SMS messages aloud, as well as other Internet social networking services (X and Facebook for example) available via Aha.

SKYACTIV TECHNOLOGY

SKYACTIV-G 2.0



Max. power:
135kW/7,000rpm
Max. torque:
205Nm/4,000rpm



4-2-1 exhaust system

Lightweight, low-friction piston

Higher-revving, higher-power performance with lively response right up to the red line and smooth acceleration in any gear is the promise. And the evolved Skyactiv-G 2.0 direct-injection petrol engine delivers in full measure, taking you to a world of satisfying driving that is both exciting and eco-friendly. The intake system features a common-type intake port to maximize air intake volume, while the 4-2-1 exhaust system with specially designed exhaust port greatly reduces pumping loss. Inertial mass and mechanical resistance are reduced thanks to lightweight pistons and connecting rods. Combustion characteristics and anti-knock capability are enhanced by piston heads that strengthen tumble swirl and reduce unburned fuel. And high-diffusion fuel injectors with a three-stage split fuel injection control scheme

minimize waste while promoting secure fuel vaporization. These innovations add up to dramatically improved performance: maximum engine speed is raised to 7,500rpm for a smoother impression of power and a feel of effortless and limitless acceleration, maximum output is raised, torque is increased from low to high engine speeds, and fuel efficiency and environmental performance are further improved. The extraordinary compression ratio of 13.0:1 is retained, even as the knock usually caused by such high compression is suppressed. A low-inertia dual-mass flywheel delivers sharp and agile engine response, as well as a clear engine tone. And the main silencer system contributes a linear engine note to accelerator inputs, promoting greater unity with the Mazda MX-5.

SKYACTIV-MT



The new-generation six-speed manual transmission Skyactiv-MT was originally developed to bring the same light positive shifting enjoyed in previous generations of the Mazda MX-5 to a broader lineup of Mazda cars, achieving this through a complete redesign of the internal shift mechanism for more efficient action and minimum friction. That design has been painstakingly reviewed to fit the FR layout and realize crisp, 'just right' operation with a positive feeling as if the lever is guiding itself in to your desired gear. In addition, adoption of a direct-drive sixth gear contributed to a simpler structure that is both lighter and more compact.

SKYACTIV-BODY



The goal was lower weight with better safety performance and greater rigidity, achieved by clever engineering to optimize structures and make effective use of materials. And through applying all the knowledge acquired in developing Skyactiv Technology to date, Mazda engineers created a new Skyactiv-Body specifically tailored to an open-top lightweight sports car. The basic concept was to use straight beams and a continuous framework wherever possible to create a structure whose individual sections functioned in perfect harmony. In addition, widespread use of aluminium and high-tensile steel realizes both safety and extreme rigidity, resulting in a lightweight open-top body ideally prepared to respond to the driver's every intention.

SKYACTIV-CHASSIS



Engineered to deliver even more of Mazda's famous oneness between car and driver, the Skyactiv-Chassis was born from a comprehensive revision of the basics of suspension and steering systems, achieving both weight reduction and excellent rigidity. And while the Mazda MX-5 series continues to use the same double-wish-bone front suspension and multilink rear suspension configuration as the previous model, they are entirely redesigned to match the Skyactiv-Chassis to optimize the geometry and create a suspension system offering enhanced stability and greater control when cornering. What's more, Mazda MX-5 chassis is specially tuned for a refined and relaxing ride. In addition, the Electric Power Assist Steering (Dual Pinion) system has extremely rigid steering characteristics and delivers direct feedback from the road surface.

OTHER ADVANCED TECHNOLOGIES

SIX-SPEED AUTOMATIC TRANSMISSION



This six-speed automatic transmission is engineered to provide a direct shift feel and superior fuel economy thanks to a torque converter with wider slip control and lock-up range. A throttle blip function automatically revs the engine when downshifting to give quicker shifts and enhanced deceleration response. And Drive Selection allows switching between Normal and Sport/Manual drive modes for a sportier, more satisfying driving experience.

KINEMATIC POSTURE CONTROL (KPC)



Kinematic Posture Control (KPC) is a technology unique to the Mazda MX-5 that provides a more integrated and stable turning posture even when cornering at high speed, whilst utilizing the Mazda MX-5's suspension structure that works smoothly in everyday settings. The Mazda MX-5's rear suspension is designed to generate an "anti-lift" force that pulls the vehicle's body down when the brakes are applied. KPC takes full advantage of the characteristics of this suspension and applies a slight brake to the inner rear wheel when cornering under conditions with high G-force, thereby suppressing roll and pulling the vehicle down to stabilize posture. Moreover, KPC does not add even a single gram to the weight of the vehicle.

The performance of KPC is particularly noticeable on tight corners and rough road surfaces. Even in situations where the car body would tilt significantly in the past, KPC stabilizes the vehicle so that it grips to the road surface. This gives a greater sense of connection to the ground, and

enables the driver to accelerate with greater confidence. Furthermore, as KPC prevents the body of the car from lifting when cornering at high-speed, it ensures a comfortable ride not only for the driver but also for passengers.

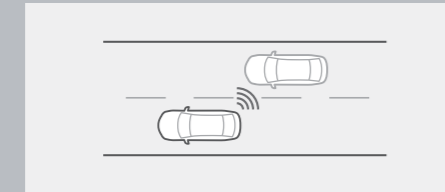
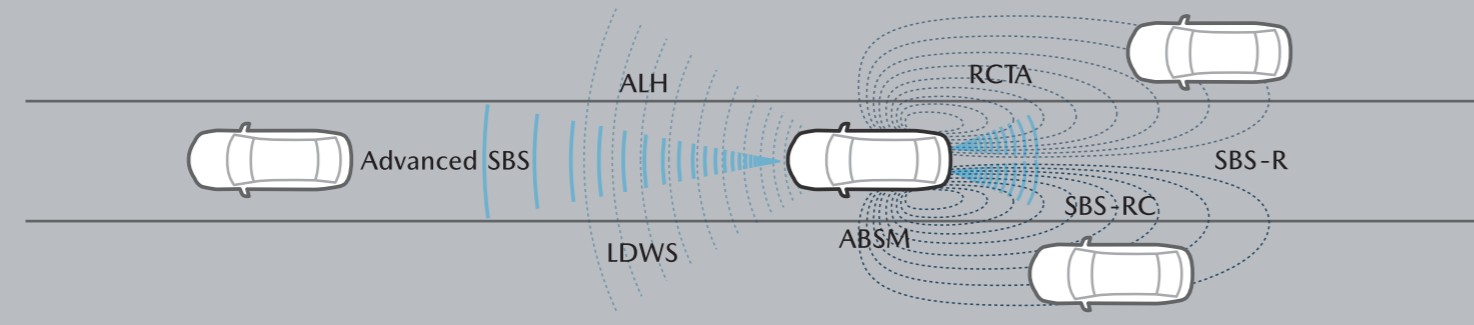
KPC can determine the turning conditions in real time from the difference in speed between the left and right rear wheels, and increases its activity linearly in response to this to produce an appropriate posture stabilization effect. In other words, there is no change in terms of every-day driving situations, where the Mazda MX-5 maintains the same relaxed and nimble behaviour, but the harder the drive becomes, the more the Mazda MX-5 sharpens its tail-end senses and cleverly adjusts its own turning posture. This enables a driving experience that maximizes the Mazda MX-5's innate potential in a wide range of driving scenarios than ever before.

ADVANCED SAFETY TECHNOLOGY

PERFORMANCE CAR, PERFORMANCE SAFETY

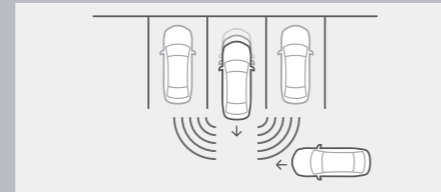
Mazda's safety philosophy, which guides the research and development of all our safety technologies, is based on understanding, respecting and trusting the driver. To drive more safely it's essential to recognize potential hazards, exercise good judgement and operate the car in an appropriate fashion. Mazda aims to support these essential functions so that drivers can drive securely and with peace of mind, despite changing driving conditions. Active safety measures include Mazda's i-Activsense suite of advanced safety technologies to help identify and assess potential hazards early on and reduce the risk of damage or injury. Passive safety features include a version of Mazda's high-strength Skyactiv-Body specifically designed for an FR open-top car.

i-ACTIVSENSE Technology



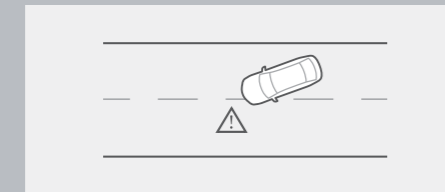
Advanced Blind Spot Monitoring (ABSM)

The system will warn when there are cars in the blind spot while changing lanes helps keep drivers safe while changing lanes. The system will send an audio signal and flashing warning light if a vehicle is detected in the next lane passing from behind in a position where the driver may not see.



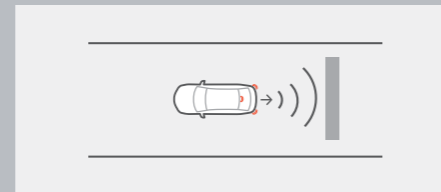
Rear Cross Traffic Alert (RCTA)

The system will warn when there is a car in the blind spot while reversing, the system will send an audio signal and flashing warning lights to warn you while driving in reverse if a risk is detected that may cause an accident with the vehicle that is moving in behind.



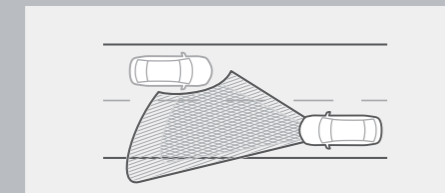
Lane Departure Warning System (LDWS)

The system will send a signal flashing warning light and audible warning signal when it detects unintentional deviation from the lane. Helps reduce the risk in accident.



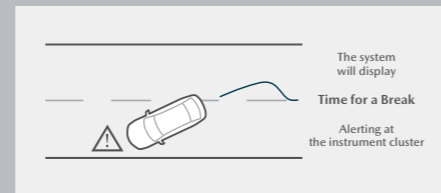
Smart Brake Support-Reverse (SBS-R)

The system helps to brake and stop the car automatically while reversing helping to reduce the risk of accidents from collisions while driving in reverse at low speed.



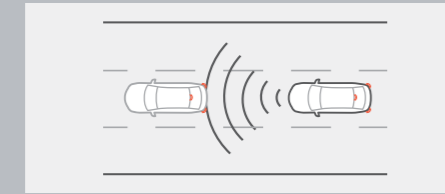
Adaptive LED Headlamps (ALH)

Adaptive LED headlight system has been developed to work more delicate operation. The system will adjust the high-low beam operation. Automatically separates left-right independently to suit road conditions and distance from the position of the car in front or oncoming traffic increases visibility when driving at night and helps the work of High beams do not disturb other cars.



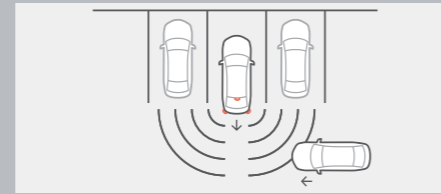
Driver Attention Alert (DAA)

The system helps warn when the driver is tired while driving. Helps increase safer especially while driving long distances. If abnormal driving behavior is detected or driving continuously for a long time, the system will pop up a message recommending to take a break.



Advanced Smart Brake Support (Advanced SBS)

The system will detect the car in front, bicycles and pedestrians. If it is found that there is a risk of a collision, the system will continuously send an audio signal and flashing warning lights. If the driver does not apply the brakes, the system will help brake automatically to reduce the chance of accidents.



Smart Brake Support-Rear Crossing (SBS-RC)

The system helps to stop the car when there is a car in the blind spot while reversing. The system will continuously send an audio signal and flashing warning lights. If the driver does not apply the brakes, the system will automatically brake to reduce the chance of colliding with a vehicle moving behind.

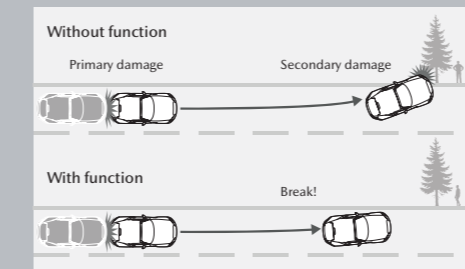
OTHER FEATURES

SRS AIRBAGS



All grades feature front airbags as standard equipment for both seats. Side airbags with a head-protecting cell help safeguard occupants' heads from injury inflicted by walls or poles in a collision, even when the top is down.

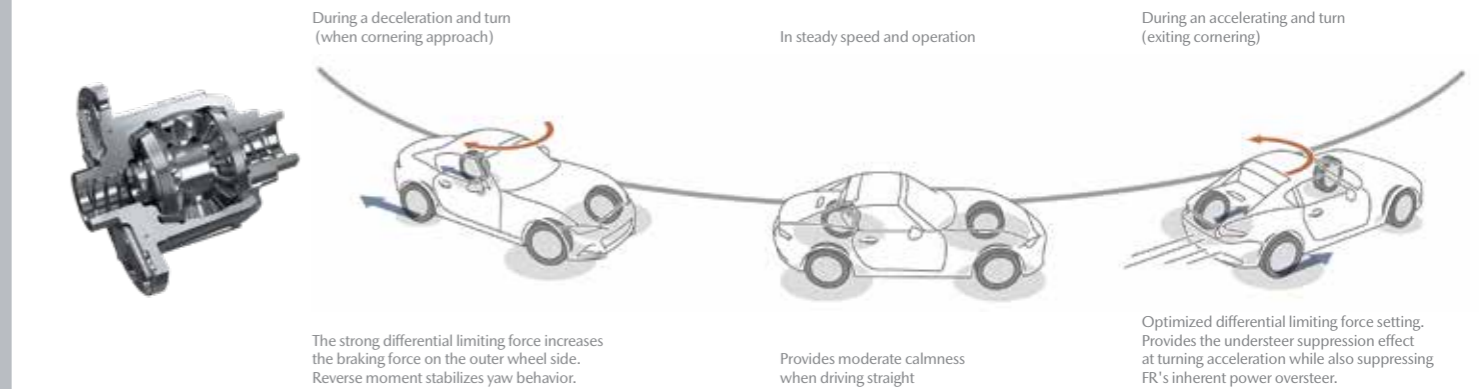
SECONDARY COLLISION REDUCTION



The Secondary Collision Damage Mitigation System applies the brakes after a collision while driving (after primary damage) to reduce secondary collision damage. In the event of a rear-end collision in which the airbag is activated, the system applies the collision damage mitigation brake to stop the vehicle and reduce secondary damage in order to reduce the damage caused by collision with surrounding vehicles, guardrails, street trees, etc., and accidents involving pedestrians.

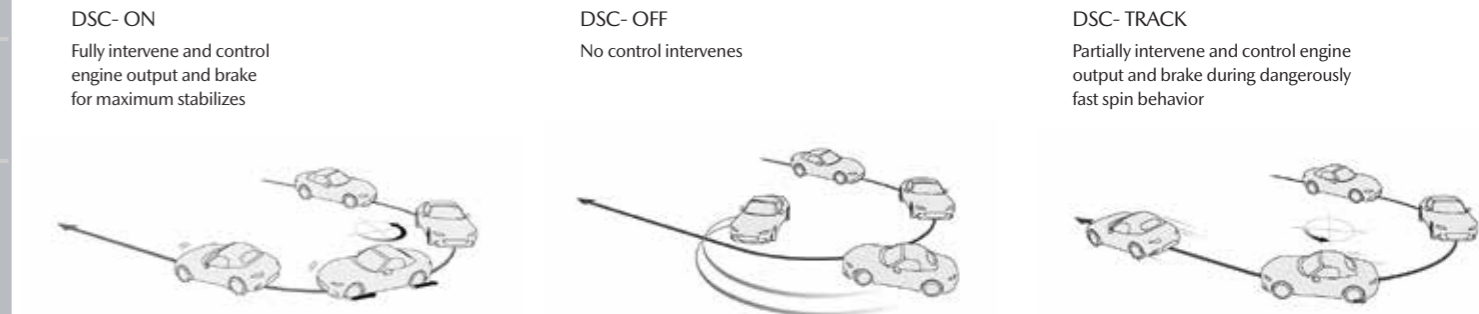
PERFORMANCE

ASYMMETRIC LIMITED SLIP DIFFERENTIAL (FOR ONLY MT)



The newly developed "Asymmetric LSD". This is a new LSD technology concept that stabilizes the turning behavior of the car in response to changes in the ground load of the rear tires by changing the differential limiting force of the differential gear during acceleration and deceleration. In particular, it enhances stability when cornering, suppresses the unstable behavior of the car in the yaw direction, and improves controllability. Not only winding, but also from city riding to highways.

DSC-TRACK (FOR ONLY MT)



DSC-TRACK, a new Dynamic Stability Control (DSC) mode optimized for race track driving. DSC-TRACK affords maximum deference to the driver when operating the vehicle, interposing an over-steering restricting control only when in a hazardous spin that the driver is unable to control. Ultimately, it is the driver that takes the lead in DSC-TRACK, a control technology enhancing 'Jinba Ittai' and assisting the driver in focusing on sports driving.

COMFORT AND UTILITY



The headlamps emulate the eyes of a living creature, conveying both speed and the characteristics of a lightweight sports car. The Daytime Running Lamp (DRL) features a simple and recognizable motif for a sporty look, with a crystal-like light-emitting part that exudes a sense of light sportiness. The outer section functions as a turn lamp, seamlessly transitioning to the DRL, providing a modern and time-appropriate impression. The increased light-emitting area enhances visibility.



The rear combination lamp, with its "round + oval" design, not only refines the uniqueness to convey a sense of light and powerful acceleration but also enhances visibility for the following vehicle, ensuring a safer driving experience.



Comprehensive airflow control measures minimize unpleasant draughts while guiding just a refreshing breeze to the occupant's arms and chest to assure the full pleasure of driving with the top down. A large, transparent aero board supports Mazda MX-5's body rigidity while maintaining rearward visibility.



17-inch aluminium wheel is manufactured with a cold casting technique to strengthen the material and achieve both weight reduction and functional beauty. Black metallic paint emphasizes the bold impression Mazda MX-5's styling delivers.



Despite the short rear overhang and the space dedicated to stowing the roof, the boot on model is long and wide giving truly practical use. This versatile luggage compartment can easily accommodate a pair of hard-type carry-on bags, and Mazda MX-5's boot even features a multipurpose box for tools and other items.



The large analogue tachometer and speedometer feature needles with a vertical zero position to emphasize the contrast between action and inaction, suggesting the image of a Japanese sword master poised to strike.



The power retractable hardtop consists of front-, middle- and rear-roof sections and the rear window glass panel. When open, the rear roof remains on the body while the other parts are stowed in the space behind the seats. Opening/closing the roof is done by simply pressing the switch on the front console, even when Mazda MX-5 is in motion (at speeds up to 10km/h). The movements of each roof section are synchronized and overlapped to achieve smooth, fast operation. Operation is confirmed by a five-step animation shown in the multi-information display in the meter cluster.



The exclusive Bose® premium sound system features nine speakers including a pair of speakers in both the driver's and passenger's headrests, to deliver superior sound quality even when driving with the top down.

EXTERIOR AND INTERIOR COLOURS

BODY COLOURS



Soul Red Crystal (46V)



Machine Grey (46G)

TAKUMI-NURI

Mazda's unique painting technology Takumi-Nuri (takumi: master craftsman, nuri: painting), with its unprecedented combination of colour, highlights, shade and depth, further emphasizes the sheer beauty and quality of the dynamic body shape. The lineup includes two Takumi-Nuri body colours: Soul Red Crystal and Machine Grey.



Aero Gray (52C)



Zircon Sand (48T)



Jet Black (41W)

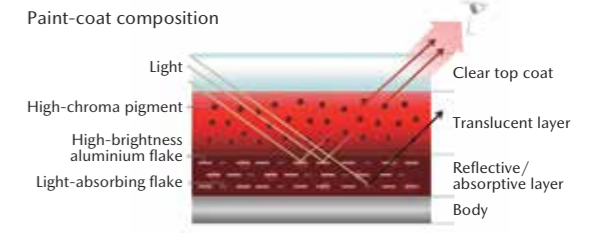


Snowflake White Pearl (25D)

SEAT MATERIAL



Leather, Black



Deep Crystal Blue (42M)

NEW MAZDA MX-5

MODEL	NEW MAZDA MX-5	
Roof	Power retractable hardtop	
Grade	2.0 RF 6MT	2.0 RF
Transmission	MT	AT

DIMENSIONS AND WEIGHTS

Overall length (without number-plate holder)	mm	3,915	
Overall width (without wheel arch mouldings)	mm	1,735	
Overall height	mm	1,235	
Wheelbase	mm	2,310	
Tread	Front	mm	1,495
	Rear	mm	1,505
Overhang	Front (without number-plate holder)	mm	760
	Rear	mm	845
Ground clearance (between axles, laden)	mm	135	
Minimum turning radius (kerb-to-kerb)	m	4.7	
Fuel type	Petrol		

ENGINE

Type	Skyactiv-G 2.0, 4-cylinder DOHC, 16-valve		
Displacement	cc	1,998	
Bore x stroke	mm	83.5 x 91.2	
Compression ratio	13.0:1		
Maximum output	EEC	Ps(kW)/rpm	184(135)/7,000
Maximum torque	EEC	Nm/rpm	205/4,000
Fuel injection type	Electrically controlled fuel direct injection		
Recommended fuel type	Octane number	95	Unleaded Gasoline/Gasohol E10
Fuel tank capacity	L	45	

TRANSMISSION

Type	6-speed Skyactiv-MT		6-speed automatic with manual mode (Activematic)
Gear ratios	1st	5.087	3.538
	2nd	2.991	2.060
	3rd	2.035	1.404
	4th	1.594	1.000
	5th	1.286	0.713
	6th	1.000	0.582
	Reverse	4.696	3.168
Final gear ratio		2.866	3.583

SPECIFICATION SHEET AND STANDARD EQUIPMENT

MODEL	NEW MAZDA MX-5	
Roof	Power retractable hardtop	
Grade	2.0 RF 6MT	2.0 RF
Transmission	MT	AT

STEERING

Type	Rack and pinion	
Power steering type	Electric power assist steering (Dual pinion)	

SUSPENSION

Type	Front	Double-wishbone
	Rear	Multi-link

BRAKES

Type	Front	Ventilated discs	
	Rear	Solid discs	
Diameter	Front	mm	280
	Rear	mm	280

TYRES AND WHEELS

Type size	205/45R17	
Wheels size	17 x 7J	

TECHNOLOGY

i-STOP idling stop system and i-ELOOP regenerative braking system	•	•
Drive Selection	-	•
Kinematic Posture Control (KPC)	•	•
Asymmetric Limited-Slip Differential (LSD)	•	-

EXTERIOR

Tyres and wheels	205/45R17 with 17 x 7J alloy wheels,black metallic	•	•
Smart keyless entry		•	•
Front wipers	Intermittent,timing adjustable	•	•
	Rain sensor	•	•
Windscreen glass	Noise cut	•	•
LED headlamps	Automatic levelling,Auto on/off function	•	•
Daytime running lamps	LED	•	•
Outer mirrors	Piano black,with convex lenz on driver's side	•	•
Aero board		•	•
Hardtop colour	Body colour	•	•

INTERIOR

Push start button	•	•
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The details and specifications described are subject to change without notice and may vary according to locale. Please consult your local Mazda dealer for exact information.

NEW MAZDA MX-5

MODEL	NEW MAZDA MX-5	
Roof	Power retractable hardtop	
Grade	2.0 RF 6MT	2.0 RF
Transmission	MT	AT

INTERIOR		
Steering wheel	Leather	•
Steering wheel	Audio control switches, Bluetooth® switches	•
Steering wheel	Sports Paddle Shift	-
Shift knob and parking brake knob	Leather	•
Audio system	AM/FM radio	•
	8.8-inch centre display, commander control	•
	Bose® premium sound system with 9 speakers	•
Bluetooth® hands-free sytem		•
Voice Command		•
2xUSB port (Type-C)		•
SD-card port (for navigation system)		•
Wireless Apple CarPlay®		•
Air conditioner	Full-automatic	•
Side door trim	Upper panel: Body colour, Lower panle: Leather	•
Door inner handle finish	Silver Satin	•
Side door lock one-touch release	Driver's side only	•
Cup holder	2 points	•
Rear console lid	Leather	•
Cruise control		•
Flameless auto-dimming rear view mirror		•

SEATS		
Upholstery	Leather	•
Integral head restraints	Both sides	•
Tilt mechanism	Driver's side	•
Heater	Both sides	•

SAFETY AND SECURITY		
Auto door lock		•
Rear parking sensor (4 Sensors)		•
Rear view camera		•
4W-ABS with EBD		•
Active Adaptive Shift (AAS)		•
Traction Control System		•

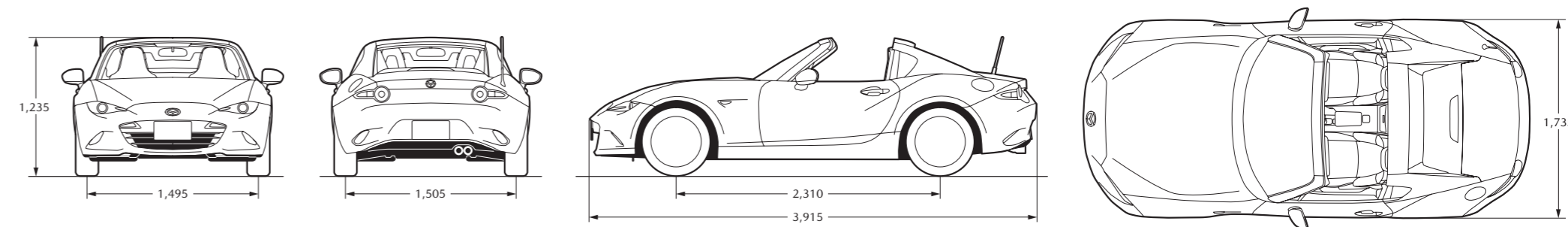
SPECIFICATION SHEET AND STANDARD EQUIPMENT

MODEL	NEW MAZDA MX-5	
Roof	Power retractable hardtop	
Grade	2.0 RF 6MT	2.0 RF
Transmission	MT	AT

SAFETY AND SECURITY		
Adaptive LED Headlights (ALH)		•
Dynamic Stability Control (DSC)		•
Dynamic Stability Control Track (DSC-Track)		•
Advanced Blind Spot Monitoring (ABSM)		•
Lane Deaprture Warning System (LDWS)		•
Advanced Smart Brake Support (Advanced SBS)		•
Smart Brake Support-Reverse (SBS-R)		•
Smart Brake Support- Rear Crossing (SBS-RC)		•
Rear Cross Traffic Alert (RCTA)		•
Driver Attention Alert (DAA)		•
Secondary Collision Reduction		•
Airbags	Front	•
	Side	•
Seat belt (ELR 3 Points x 2, Retractor and pretensioner)		•
Front and rear beam impacts		•
High mount stop lamp		•
Burglar alarm, Immobilizer		•

• = Standard - = Not available

DIMENSIONS Unit: mm



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Note: All details and specifications of the vehicles and their options shown on the pages of this catalogue are subject to change without notice and may vary upon each country. Please refer to the specification sheet. Due to the printing process, the colours of the bodies and interiors may differ slightly from the actual colours.



SPEC-MX-5-24P-290224