

Many thanks to japanise member Yuki
Saga for supplying the original PDF.

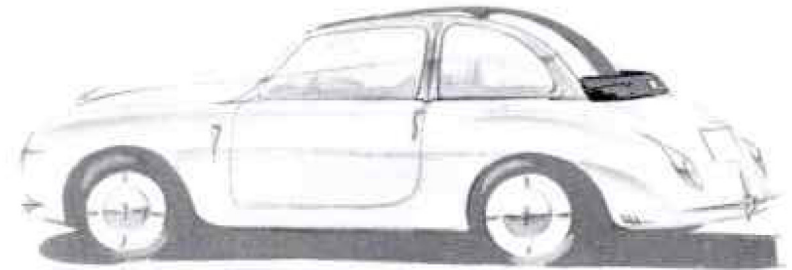
PDF Translated into English by the

A large, stylized, metallic-looking logo for the Nissan Figaro. It features a central vertical element that resembles a stylized car silhouette or a decorative fin. The word "FIGARO" is written in a large, bold, serif font across the middle of this central element. The logo has a reflective, three-dimensional appearance.

FIGARO

DESIGN & CONCEPT BRIEF

Introduction..... 3
Concept.....4
Design Exterior.....5
Exterior.....6/7
Interior.....8/9/10/11
Mechanism.....12/13
Mechanical.....14
Specification.....15





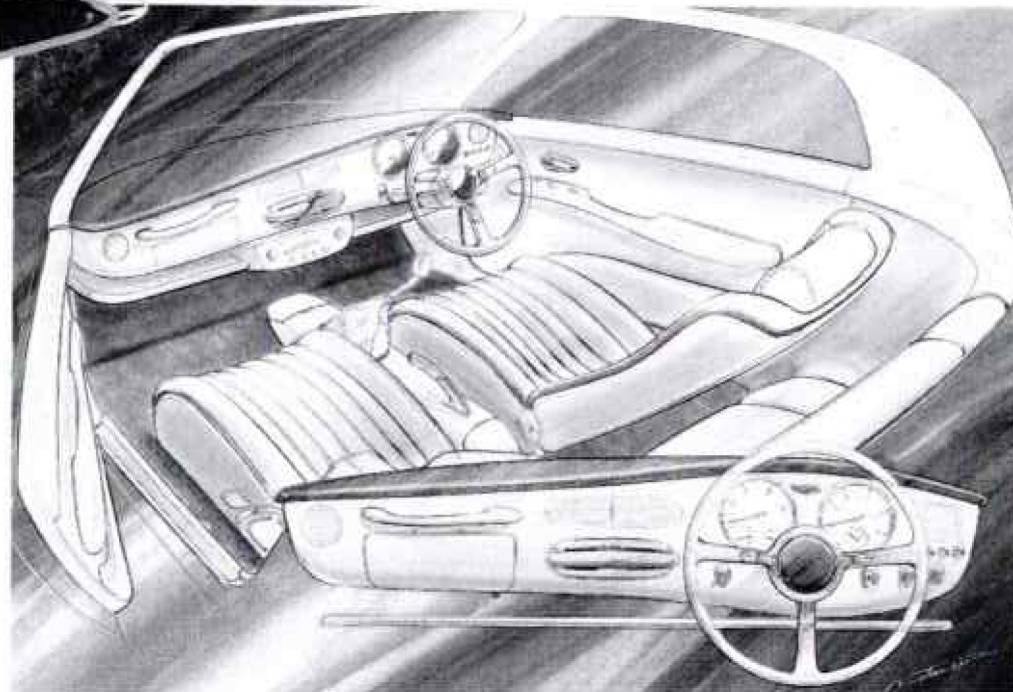
The appeal of Pike Cars is their innovative design that is not bound by the existing model system, their playful and unique car-making, and their car-making that values the opinions of people who want a unique car that is not found in ordinary mass-produced cars. In developing the Figaro, we aimed to fully bring out the appeal of the Pike Cars, while also aiming to create a car with a slightly different atmosphere from the Be-1 and PAO.

The aim of the Figaro is to create a "new form of satisfaction." In other words, "It is a car that allows you to casually enjoy a little fashion and elegance in your daily life. I wanted to express this image as it is.

I thought that elegance and the mental space to enjoy it would be one of the new forms of satisfaction that people will seek in the future.

Product Headquarters Manager

Homma Yasuhiko



Origin of the car name

The car was named after the protagonist in Mozart's opera "The Marriage of Figaro." The opera's carefree atmosphere and the protagonist's lively personality express the brightness and elegance of this car.

Emblem (Figaro mark)

The design was inspired by a flower bud inserted into a ring.

Concept

A unique personal coupe that allows you to enjoy a little fashion and elegance in your daily life

As the information society advances, we are now in an era where we can enjoy various cultures without leaving our homes. At the same time, even in this dynamic society, more and more people are living with their own values. These people probably feel that "the things that are most important to them are the most natural.

The "little drinking conversation and elegance in everyday life" that Figaro wanted to express is exactly the good feeling these people feel, that is, the relaxed feeling that is enjoyed naturally.

At the start of the project, we first focused on the following three points

(1) Achieving a unique design that gives a sense of mental satisfaction (fashion).

(2) Enhancing specifications and equipment to satisfy the sense of fun and playfulness.

(3) Improving basic performance as a car, such as quality and safety measures In terms of design, we aimed to create a design that is not limited to the concept of a car in a broad sense, in order to express as much as possible the "slight fashion and elegance in everyday life".

The body size is compact and familiar. As specifications and equipment to satisfy comfort and playfulness, we adopted a full open-top structure that allows you to enjoy the feeling of opening it up easily, a trunk-storing mechanism that realizes a clean style when the car is open, genuine leather seats with a natural and soft texture, power windows and power steering that enable comfortable and smart driving.

We gave careful consideration to improving basic performance so that it would not end up being a car that simply embodied an idea, for example, improving anti-corrosion performance by using a lot of highly rust-resistant steel plates, and realizing high external quality by adopting fluororesin coating. In addition, the adoption of side door beams, three-point seat belts in the rear seats, high-mounted stop lamps, and interior combustion materials has made the car highly safe and complete.





Design

The Figaro aims to provide "a little relaxation and elegance in your everyday life," which is, so to speak, a concept of "extraordinary time in your everyday life."

For example, we imagined a car that can be enjoyed casually and without pretence, whether it be for a weekend getaway, a concert, a play, or an opera in your off-time, or even wearing something that is silky.

In the actual design, we aimed for a design that would make you feel fulfilled just by looking at it, touching it, driving it, or owning it.

Colour design

We aimed for a refreshing and fresh image based on three points: a stylish atmosphere, beautiful colour use, and the fun of combining colours.

Colour variations

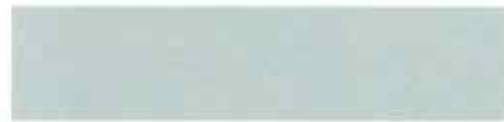
In order to create a light and stylish atmosphere, all vehicles are two-tone.

In addition, only solid colours are available to express the beauty of the body surface.



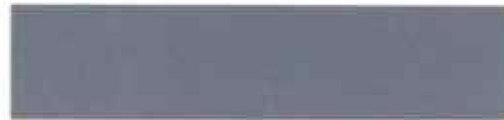
Emerald

Inspired by the refreshing elegance of emerald



Pale Aqua

Inspired by the refreshing blue colour of aquamarine



Lapis Grey

Inspired by the deep blue-grey colour of lapis lazuli



Topaz Mist

Inspired by the fallen beige of topaz

Exterior

Exterior design that expresses a sense of relaxation and comfort with an elegant feel

By arranging the entire design with gentle curves and natural lines, and arranging high-quality plated parts in key areas, we aimed to create a tasteful exterior design that expresses a refreshing feeling of comfort.

In addition, the fully open-top structure allows the roof and rear window to be opened so that you can casually and elegantly enjoy the open-air fun of driving while feeling the breeze.

High-quality, highly rust-resistant body

Highly rust-resistant steel plates are used for the main parts, achieving high body quality. In particular, new durasteel (double-sided treated steel plate) is used for the hood, doors, cowl box, side sills, and storage lid, etc., greatly improving rust prevention performance.

Flex panels (plastic exterior panels) are also used for the front apron and front fenders.

Flex panels have the following characteristics:

- 1) they are lightweight
- 2) they have high rust prevention performance, and because they have resilience, they are easier to repair than plastic panels in the case of light contact scratches.

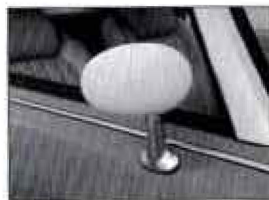
The flex panels used in the Figaro are made of thermoplastic resin (polyamide modified PPO alloy resin) and can be recycled.

Plastic exterior panels



Headlamps

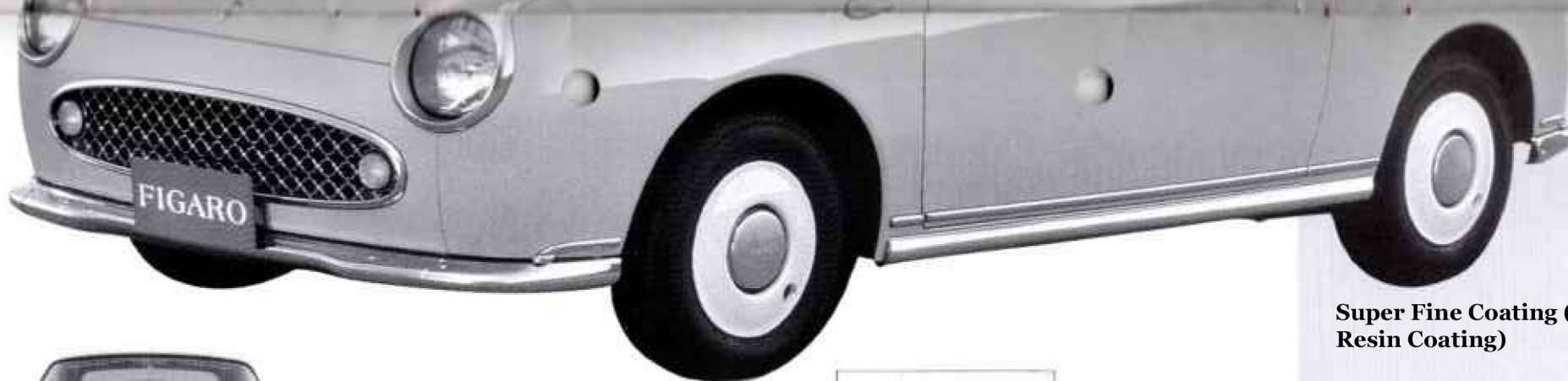
Round halogen headlamps are used. The decorative rim creates a stylish atmosphere.



Side Mirrors

A rounded design that matches the exterior.





Front view

The round headlights and distinctive grille create a relaxed look. The decorative radiator grille, chrome-plated bumper, and headlight rims express a sense of fashion that can be enjoyed without any pretense.



Side sill molding

The front and rear bumpers are finished with high-quality, shiny chrome plating to enhance the sense of unity.

Side view

The natural body lines from the front to the rear, the taut side panels, and the large doors express a soothing warmth in a simple shape. Stainless steel moldings are placed on the top of the fenders and the side sills to enhance the fashionability.



Rear view

The overall shape is kept simple with the round rear combination lamps and license plate finisher incorporating the back lamps, while the plated parts are effectively placed to create a stylish atmosphere.

Super Fine Coating (Fluoroplastic Resin Coating)

To achieve high exterior quality, fluoroplastic resin coating

is now standard. Fluoroplastic resin coating is a coating of fluoroplastic resin

baked onto the surface of a conventional coating, and is water-repellent and weather-resistant, with the same effect as waxing achieved by simply rinsing with water.

Super Fine Coating
(Fluoroplastic Resin
Coating)



Conventional
Painting



By using a fluoroplastic resin top coat on the top of the conventional coating

Interior

An interior that makes passengers feel fun and comfortable

The aim of the interior design was to create a relaxing atmosphere, like taking out your precious things and looking at them, or to express the uplifting feeling of enjoying a little fashion.

The overall design is rounded to match the exterior design, and the colour tones are coordinated with the body colour to create a unified colour design

Both the front and rear seats are white genuine leather seats that gently welcome passengers.

The instrument panel, audio, air conditioning control, and other switches are designed to be playful and original, with a sense of accessories.

Safety considerations

Safety that supports the fun of driving has been thoroughly considered from both the active and passive safety perspectives.

In particular, to make the fun of the open air even safer and more comfortable, a body structure with excellent strength and durability has been realized, and side door beams have been adopted, a system to prevent the hood from being operated incorrectly, and 3-point seat belts with ELP (all seats) have been adopted.

List of safety equipment

- Front seat 3-point seat belt with tension reducer ELR
- Rear seat 3-point seat belt with ELR
- Driver's seat belt unfastened warning system
- Side door beam
- High-mounted stop lamp
- Use of flame-retardant materials in the interior
- Double accelerator return structure
- Rollover fuel spill prevention mechanism
- Top hood misoperation prevention mechanism

Seat belts

In consideration of safety, 3-point seat belts with ELR have been adopted for both front and rear seats, and the front seats are tension-reducer type to reduce the feeling of pressure when fastened. In addition, a warning device has been installed for the driver's seat belt if it is not fastened.





Soft-touch instrument panel

The upper part of the instrument panel is the same colour as the body, coordinating with the body colour. The panel surface is also painted with a soft-feel paint, giving the instrument a soft impression.



Round meter

We paid particular attention to the design of the pointer and letters, aiming for a design that you will grow to love the more you use it. At night, we aimed for a gentle atmosphere as indirect lighting.



Side door beam

A side door beam is installed inside the door to strengthen the door against side impacts.



High-mounted stop lamp

A high-mounted stop lamp is installed on the top of the rear bar cell to improve the visibility of the brake lamp. A protector is also installed to prevent objects from being placed around the lamp, which can interfere with opening and closing the machine.



Power antenna switch (left) & rear defogger switch (right)



Power window switch and door handle



Automatic selector lever



Door lock knob

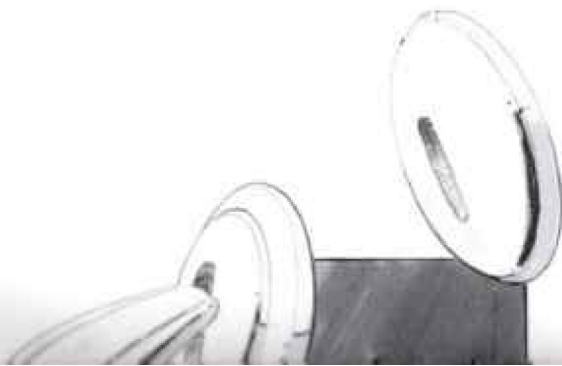


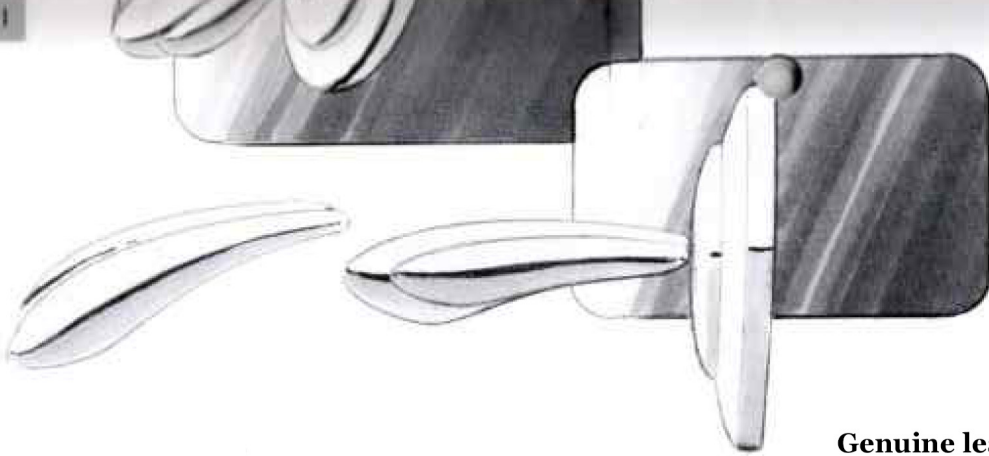
Switches that feel like accessories

The switches on the instrument panel are designed with soft curves that make you want to touch them, and the thickness of the metal that you feel the moment you touch them. In addition, each switch is designed with an emblem motif, incorporating an accessory feel.

Seat design that makes use of curves

The front seats are made of genuine leather and designed with a soft shape that makes use of curves to match the design theme of the vehicle.

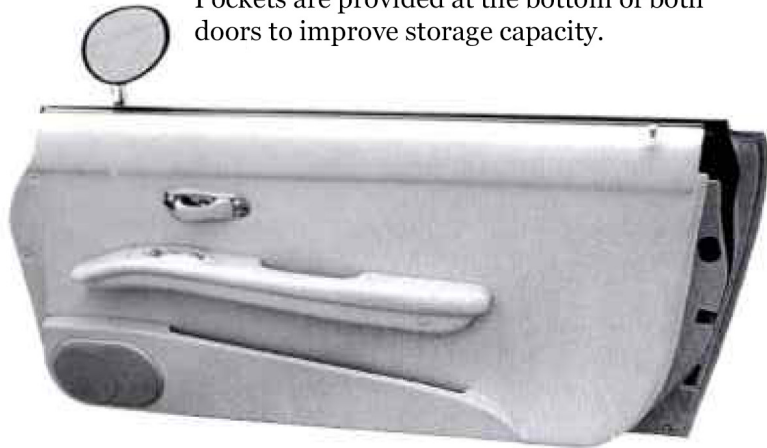




Concept sketch of switches

Door pockets

Pockets are provided at the bottom of both doors to improve storage capacity.



Genuine leather seats

Both the front and rear seats are made of genuine leather, and we valued the beautiful texture and soft feel of natural materials. We also chose white for the colour to create an elegant and stylish atmosphere.



Fashion key with a flower motif



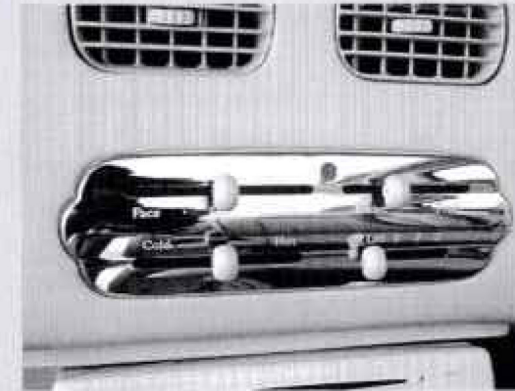
Step mouldings

Emblems are arranged on the step mouldings on both sides to create an elegant atmosphere.



Air conditioning system

All instrument ducts are forced ventilators to ensure sufficient ventilation performance. **Air conditioning is available as a dealer option.**



Audio

An original design AM/FM analogue display electronic tuner radio (cassette deck, CD player body type) that matches the soft atmosphere of the instrument. **The Audio is available as a dealer option.**

An automatic antenna is installed on the right rear fender.



Mechanism of convertible top (Canopy open/close mechanism)

A unique full open top structure that makes the most of the beauty of the exterior design

A full-open top structure was adopted to create a car that allows you to enjoy the open feeling of a convertible car running with the wind in a casual yet elegant manner.

In particular, the structure that opens from the roof to the rear window has significantly reduced the wind that is drawn in while driving, and also reduced the intrusion of driving noise.

In addition, the structure allows the hood to be completely stored in the trunk so as not to spoil the body design, and the leather part is coated with acrylic resin to improve dirt resistance.

Features of the Figaro's full-open top

(1) The hood is completely stored in the trunk, achieving a neat style when open.

(2) The interior material is provided on the inside of the hood to match the elegant interior.

(3) The rear window built into the hood is made of high-quality glass (with heating wire) to provide excellent rear visibility.

(4) A double torsion bar system is used to improve operability when opening and closing the hood.

(5) For safety reasons, the hood is designed so that it cannot be opened unless the vehicle is completely stopped. A warning mechanism is also provided.

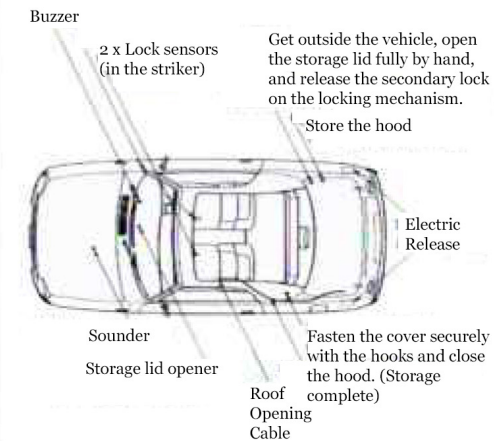
Safety of the hood mechanism Warning system

Two types of buzzer sounds: a continuous sound when it is dangerous while driving, and an intermittent sound when you try to drive away in a dangerous state.

Example:

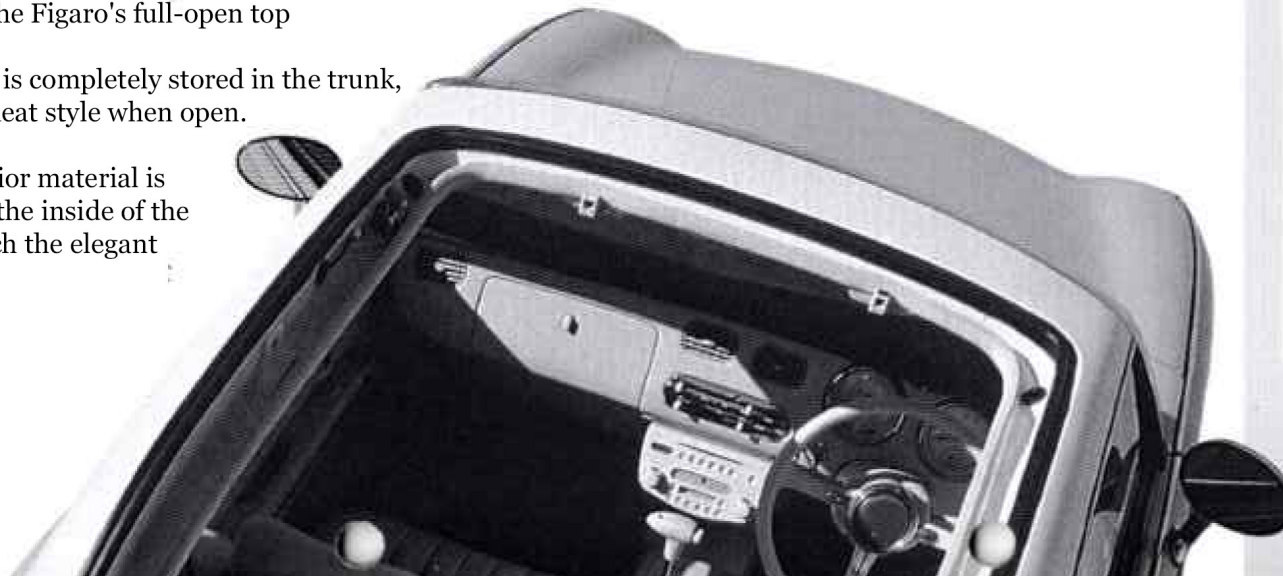
- ① If you release the lock for the lateral fixation while driving, a buzzer (continuous sound) will sound.
- ② If you drive with the storage lid unlocked, a buzzer (intermittent sound) will sound.

Mechanism to prevent misoperation



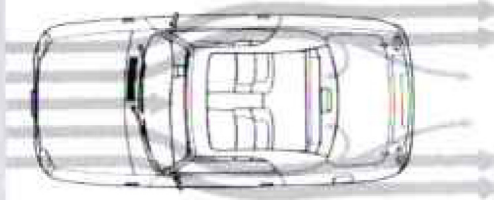
The storage lid will not open even if the open switch is turned ON unless the following conditions are met.

- 1 The vehicle is stopped.
- 2 When the ignition key is ON, the selector lever is in or arrange position.





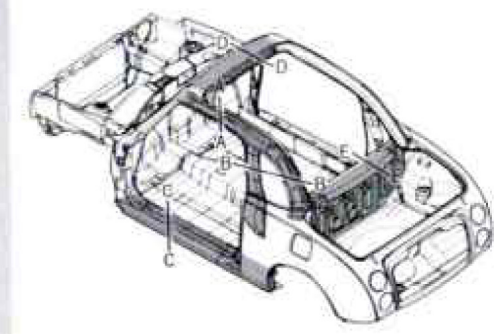
Wind flow whilst driving



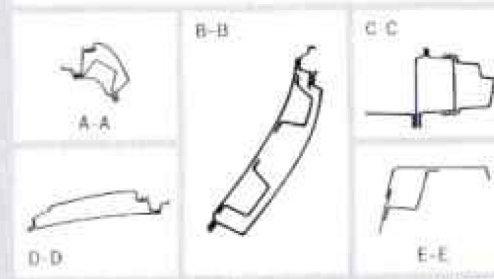
Even when driving with the top down, the body sides are there, so wind is prevented from getting into the cabin.

High-strength, high-rigidity body

By extensively using computer analysis and leaving the body sides in place, we were able to achieve a body structure with high bending and torsional rigidity while minimizing weight gain.



Rigid parts



Cross-sectional view of each part

How to open the boot

1. When the car is fully stopped press the boot switch to open.



2. Unlock the two roof locks.



3. Exit the vehicle, open the storage lid fully with your hand.



4. Store the hood.



5. Secure the hood using the straps.



6. Attach the small cover to the lid using the hooks. Close lid.



Mechanical

Reliable mechanism for a comfortable and stylish drive.

Engine

The engine is a lightweight, compact MA10ET engine that is quiet and fuel-efficient.

Drive train

A 3-speed automatic transmission is used to enable comfortable and easy driving.

Suspension

To achieve a comfortable ride, the front suspension is a McPherson strut type, and the rear suspension is a 4-link coil type.

Steering

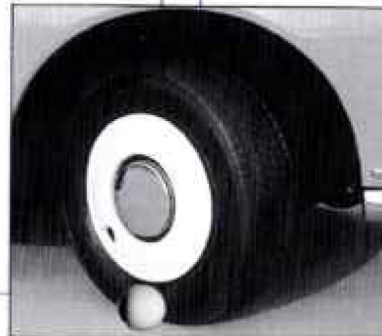
A rack and pinion type suspension is used, and power steering is used to achieve easy handling at low speeds and when parking.

Power window

Power windows are used to enable a stylish and elegant drive.

Wheel cover

To create a stylish atmosphere around the feet, the wheel cover is made of two parts, with a white outer periphery and a chrome-plated centre.



Main Specification

Car Name model	Nissan E-FK10	
Engine	MA10-AT Nissan	

Overall length	mm	3740
Overall width	mm	1630
Overall height	mm	1365
Interior dimensions L x W x H mm	1450 x 1310 x 1130	
Wheelbase	mm	2300
Front/rear track	mm	1350/1335
Ground clearance	mm	150

Weight/capacity

Vehicle weight	kg	810
Passenger capacity		4

Performance

Minimum turning radius	4.7
Fuel consumption	
10 mode (MOT review value) km/	13.6
60km/h steady state driving (Ministry of Transport report value) km/124.1	

Equipment

Steering type	Rack and pinion
Suspension method	Independent strut suspension
Rear	With 4-link coil stabilizer
Main brake front	Ventilated discs
	Leading/trailing type
Tyres	165/70R12 77H

Engine Main Specifications

Model	MA10 ET Type	
Type/Number of Cylinders	OHC water-cooled inline 4-cylinder	
Cylinder bore x stroke	mm	68.0X68.0
Total Displacement	cc	987
Compression ratio	8.0	
Maximum output	PS/rpm	76/6000
Maximum torque	kgm/rpm	10.8/4400
Fuel supply system	Nissan EGI (ECCS)	
Fuel used and tank capacity	Unleaded regular gasoline, 40	

Transmission gear ratio and final drive ratio

3-speed automatic		
Gear ratio	1st gear	2.826
	2nd gear	1.542
	3rd gear	1.000
	Reverse	2.364
	Final drive ratio	3.737

Main Equipment List

Visibility

- Round halogen headlamps (clearance lamps built-in)
- Rear defogger
- Washer-linked intermittent wipers
- Foldable door mirrors
- Anti-glare room mirror

Around the Driver's Seat

- Tachometer
- Analogue clock
- 3-spoke steering wheel
- Power steering
- One-touch power windows
- Top storage lid opener
- Fuel lid opener
- Fashion key
- Air conditioner*

Audio

- CD compilation (cassette type seat bell with AM/FM radio*
- Stereo & CD*
- 2 speakers (front door)
- Power antenna

Warning lights

- Seat belt warning lamp & 7
- Sound alarm
- Headlights forgotten to be turned off warning buzzer
- Sound alarm
- Key forgotten to be removed warning buzzer
- Top cover lock warning buzzer
- Top cover storage lid warning buzzer

Genuine leather seats

- Top lining
- Large door pockets (left and right)
- Center console with lid
- Large door armrest
- Assist grip
- Seatback pocket (passenger seat)

Exterior

- Bronze glass
- Resin front fender
- Asahi front apron
- Fully open top
- Super fine coating (fluororesin coating)
- Dual exhaust pipe
- Noya bar cell cover

Mechanism & Tyres

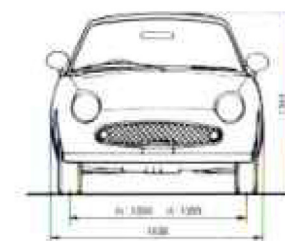
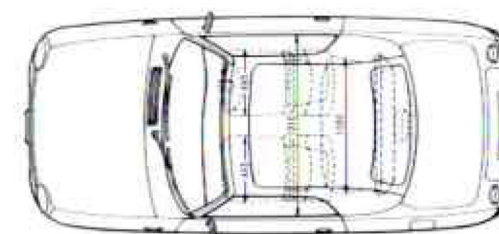
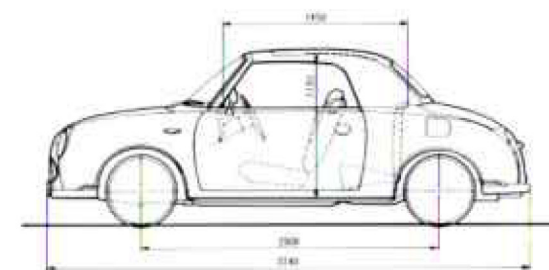
- Front ventilated disc plate
- Rake
- 165/70R12 77H radial tires
- Full wheel cover

Safety equipment

- High-mounted stop lamp
- Side door beam
- 3-point seat belt with tension reducer ELR (front)
- 3-point seat belt with LR (rear)
- Interior flame retardant material
- Rollover fuel spill prevention device
- Warning buzzer

*Dealer option

Three Views



This specification may be changed without notice for improvement.

Fuel consumption rate is the value under the specified test conditions. Fuel consumption during actual driving will vary depending on the weather, road, vehicle, driving, maintenance, etc.

Engine output is always the "net value". There are net and gross values for engine output. "Gross" is measured with the engine alone, while "net" is measured with the engine installed in a vehicle under almost the same conditions. When measured with the same engine, "net" is about 15% lower than "gross" for gasoline vehicles (according to the Japan Automobile Manufacturers Association).

Suspension Wheel Alignment Chart

Front	Camber	Degrees	0.05
	Caster	Degrees	3.00
	Toe-in	mm	0
	Kingpin Tilt Angle		13.35
Rear	Camber	Degrees	0.00
	Toe-in	Degrees	0



Owners Club

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