

21 January, 2016

## Suzuki Launches New Mini Crossover IGNIS in Japan



IGNIS HYBRID MZ

*\*All the features mentioned in the following press release are of Japanese specification IGNIS.*

Suzuki Motor Corporation will launch the IGNIS, a new-genre mini crossover of compact car and SUV on 18 February in Japan.

The IGNIS is a new-genre mini crossover which is based on the concept of “Functional and stylish mini crossover” that not only can be used conveniently in daily usage, but also extends the field of action on weekends for outdoor activities and other leisure to meet diverse customer needs.

It has a driving performance which can be driven even on snow and rough roads with confidence, owing to easy-to-drive compact body size, packaging with excellent visibility from high eye-point, and high ground clearance.

Sophisticated styling is realised with the exterior giving strong impression while combining simple elements such as lines and surfaces, and the interior expressing newness and high-quality image.

All variants are installed with SHVS (Smart Hybrid Vehicle by Suzuki) mild hybrid system and 1.2 DUALJET engine (K12C), realising excellent fuel

efficiency of 28.8km/L (for HYBRID MG 2WD)<sup>\*1</sup> and strong driving, as well as qualifying for eco-car tax breaks in Japan<sup>\*2</sup>. The 4WD variant is also equipped with functions that support driving on steep downward slopes and snow.

Functionality is enhanced such as with the rear seat sliding function, enabling arrangement of luggage space to meet various usages. Plus, the latest gear for more pleasant motoring including the navigation system that has a built-in memory<sup>\*3</sup> compatible with Apple CarPlay (new function) is adopted. Various safety features<sup>\*4</sup> such as Dual Camera Brake Support (DCBS), SRS front side airbags, and SRS curtain airbags are also offered.

The IGNIS is also planned to be distributed to Europe and other overseas markets as a new-genre mini crossover born in Japan.

\*1 Measured in JC08 test cycle and verified by Japan's Ministry of Land, Infrastructure, Transport, and Tourism.

\*2 Vehicles must be newly registered by 31 March, 2017 for acquisition tax break, and 30 April, 2017 for vehicle weight tax break.

\*3 Navigation system that has a built-in memory comes with all-direction monitor and is available in a manufacturer option.

\*4 Available as Safety Package in a manufacturer option.

\*Apple CarPlay is a trademark of Apple Inc.

## <Main features of the IGNIS>

### 1. Packaging and design

- a. Manoeuvrable body size and high eye-point
- b. Sophisticated styling that gives strong impression

### 2. Fuel-efficient technologies and driving performance

- a. All variants installed with SHVS and 1.2 DUALJET engine
- b. 4WD function that offers peace of mind on steep downward slopes and snow

### 3. Utility and pleasant/safety technologies

- a. Luggage space that can be arranged with the rear seat sliding function to meet various usages
- b. Adopting navigation system that has a built-in memory compatible with Apple CarPlay and installing advanced safety technologies

# <Features of the IGNIS>

## 1. Packaging and design

### a. Manoeuvrable body size and high eye-point

It can be driven even on snow and rough roads with confidence, owing to easy-to-drive compact body size, packaging with excellent visibility from high eye-point, and high ground clearance.

- Compact body size with overall length of 3,700mm and overall width of 1,660mm. Combined with the minimum turning radius of 4.7m, it is an easy-to-drive size.
- Front seats have high hip point of 615mm. Because the eye-point also rises, it offers excellent visibility. Plus, it contributes to easier ingress and egress owing to less vertical hip movement.
- In addition to high ground clearance of 180mm, by taking enough approach angle and departure angle, it offers peace of mind even on snow and rough roads.
- Thanks to the new-generation platform, it offers roomy interior within a compact body size.
- With the rear seat sliding function, luggage space can be expanded as needed while ensuring passenger space. (for HYBRID MX and HYBRID MZ)

### b. Sophisticated styling that gives strong impression

The design concept is “Simple Iconic, Simple Standard”. It was aimed to make an iconic design that strongly stands out high-texture image and strong impression while combining simple elements such as lines and surfaces.

#### Exterior that strongly stands out high-texture image and strong impression

- Expresses high-texture image with a clean structure composed of simple lines and surfaces, without using decorations.
- Impressive form coming from comparison of sharp image in the upper shoulder and rich surfaces in the lower section.
- Maximising the wheel base, tyres are placed in each corner of the body to express a strong crossover.
- By inheriting Suzuki design DNA throughout the model, and modernly arranging them, the design connects the past and the future.

#### Interior that has high-quality image and innovativeness within simplicity

- As with the exterior, the interior is also composed of simple lines and surfaces.
- Functional parts such as cylinder shaped air-conditioner panel are each placed independently from the instrument panel. Along with bold colouring of strong contrast, they produce unique interior space.
- High luminance painting of orange that gives active impression and titanium colour that gives mechanical impression are adopted on front part of the centre console and inside door grips to match with the body colour. (for HYBRID MX and HYBRID MZ)

- High-quality materials and high-texture paint finish are effectively adopted, realising an interior with high-quality and premium feel.

### **Colour variation**

- Three new colours of Flame Orange Pearl Metallic, Neon Blue Metallic, and Helios Gold Pearl Metallic are introduced to stand out its strong proportion.
- Black-coloured roof is offered (for HYBRID MZ) to sharpen the body colour and emphasise its individuality. A total of 13 colour variation is available, along with interior colours that match each body colour. (for HYBRID MX and HYBRID MZ. Interior colour of HYBRID MG is black.)

## **2. Fuel-efficient technologies and driving performance**

### **a. All variants installed with SHVS and 1.2 DUALJET engine**

1.2 DUALJET engine and SHVS (a mild hybrid system in which an electric motor supplements the engine during acceleration) are installed on the new-generation platform for all variants. Weight reduction is thoroughly conducted throughout the whole vehicle, realising excellent fuel efficiency of 28.8km/L (for HYBRID MG 2WD)<sup>\*1</sup> and strong acceleration performance.

All variants qualify for eco-car tax breaks in Japan.

### **SHVS (Smart Hybrid Vehicle by Suzuki)**

- All variants are installed with Suzuki's unique SHVS mild hybrid system. SHVS of the IGNIS combines the integrated starter generator (ISG) and the special lithium-ion battery. Because the ISG regenerates the deceleration energy and restarts the engine after idle-stop, fuel consumption is suppressed. Plus, the engine load is reduced owing to the assist by an electric motor (up to 30 seconds), realising further fuel efficiency.

### **1.2 DUALJET engine**

- Installed with 1.2 DUALJET engine which adopts a dual-injection system. In addition to enhanced thermal efficiency as well as reduced friction, weight, and size, it realises increase of torque in the low-rpm range, combining fuel efficiency and strong driving at a higher dimension.

### **New-generation platform**

- Adopted the new high-rigidity A-segment compact passenger platform.  
Its weight reduction contributes to enhanced driving performances such as enhanced fuel efficiency, crisp manoeuvrability, stable driving, and agile ride.

### **Body**

- By adopting high proportion of high-tensile steel (50.1% of the whole body in weight ratio), high-rigidity is secured while achieving weight reduction.

### Suspensions

- Flat structure of the suspension frame achieved both high-rigidity and lightweight.
- Adopted stabilizer on front and rear suspensions (for 2WD).
- Stable ride and manoeuvring stability are combined through front and rear suspension setting that controls vertical body roll even on rough roads.

### Tyres

- Minimum ground clearance of 180mm is ensured by adopting large-diameter tyres that realise the crossover style. They combine reduction of rolling resistance, manoeuvring stability, and ride feel.

### **b. 4WD function that offers peace of mind on steep downward slopes and snow**

In addition to high ground clearance that lets it drive even on rough roads, viscous coupling 4WD combines performance that can overcome various road conditions to fuel-efficient drive. Plus, functions that offer peace of mind even on steep downward slopes and snow are standard equipment on 4WD variants.

### Hill Descent Control

- When the vehicle is going down a slope that is so steep that it is unable to decelerate with the engine brake, this function automatically controls the vehicle speed to about 7km/h without depressing the brake pedal.

### Grip Control

- This function supports smooth start on slippery roads such as snow and mud by controlling engine torque and brake to effectively operate.

## **3. Utility and pleasant/safety technologies**

### **a. Luggage space that can be arranged with the rear seat sliding function to meet various usages**

#### Luggage space

- Within a compact body size, it adopts 50:50 separately adjustable rear seat sliding and reclining mechanism that realises large luggage space. They can also be operated from the luggage compartment, enabling arrangement of luggage space to meet various usages. (for HYBRID MX and HYBRID MZ)

#### Storage space

- Convenient storage space is equipped, such as the glovebox which has a separate storage space for inspection certificate and tissue box, and a centre console cup holders that can store two 600ml drink bottles.

**b. Adopting navigation system that has a built-in memory compatible with Apple CarPlay and installing advanced safety technologies**

**Navigation system that has a built-in memory compatible with Apple CarPlay**

- Navigation system that has a built-in memory comes with all-direction monitor that displays a panoramic view and is available in a manufacturer option.
- Compatible with Apple CarPlay, which allows enjoying iPhone more safely and comfortably in the car. Various functions such as phone, music, and messages can be controlled via the navigation system's touch screen or voice commands.

\*iPhone and Apple CarPlay are trademarks of Apple Inc.

**Equipment for more pleasant motoring**

- Premium UV&IR-cut glasses are adopted on the front doors, while the front window comes with an IR-cut function. (for HYBRID MZ)
- Standard equipment of seat heater on the driver's seat<sup>\*5</sup> and the rear heater duct.  
\*5 Seat heater is also standard equipment for front passenger's seat of 4WD.
- Adopted cruise control system in which the speed can be set from between about 45km/h to 100km/h. (for HYBRID MZ)
- Adopted seven-speed paddle shift. (for HYBRID MZ)

**Enhanced safety equipment**

- Dual Camera Brake Support (DCBS), a stereo camera type collision-mitigating system, as well as unintended take-off control system, lane departure warning, vehicle swaying warning, vehicle-in-front departure alert system, and emergency stop signal, are available in a manufacturer option as a set that comes along with SRS front side airbags and SRS curtain airbags.
- Total Effective Control Technology (TECT), a body that efficiently absorbs and disperses collision impact, is adopted. The new-generation platform realises excellent impact absorption.
- Pedestrian damage-mitigating body is adopted including the front bumper that considers leg protection.
- Seatbelt reminders are equipped on driver's and front passenger's seats.
- Rear fog lamp is adopted to notify the vehicle's presence to the subsequent vehicles in bad weather condition such as heavy fog. (for HYBRID MZ)