



**DAIHATSU**



November 10, 2014  
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## Launch of Wake, a new mini passenger car



**Wake G "SA"**

Daihatsu Motor Co., Ltd., (hereafter Daihatsu) launched its new mini passenger car "Wake" nationwide on November 10.

In developing Wake<sup>\*1</sup>, Daihatsu focused on "better visibility" and "wider luggage space" in pursuit of expanded mini car functions and aimed at creating a new type of mini car that can be used for multiple purposes, including daily use and leisure time. During the planning stage, Daihatsu considered forty-five simulated scenarios for use, aiming to create the perfect car for each individual situation. By making surprising package arrangements, Daihatsu created "Fine Vision," which offers superb visibility from the driver's seat, and "Ultra-Space," the largest interior space for a mini car.<sup>\*2</sup> In addition, Daihatsu offered a range of equipment and optional items that can be useful in leisure situations.

Moreover, of the forty-five simulated scenarios, Daihatsu particularly focused on six popular leisure areas, such as camping and fishing, and at the development stage, communicated with "leisure professionals" in those areas in an effort to improve usefulness and convenience in leisure situations.

The new Wake mini passenger car has the following features.

- (1) "Fine Vision" offers good visibility when sitting in the driver's seat
- (2) "Ultra-Space," the largest interior space for a mini car
- (3) "Fun & Relax Drive Concept," a basic function of easiness and safety without feeling the car height
- (4) "Miracle Luggage" provides overwhelming comfort when using the luggage space
- (5) "Waku Waku Box" gives you a feeling of mass by its presence and multiple uses

<sup>\*1</sup>: Deriving from the English verb *wake*, this name expresses "a car that provokes a feeling of excitement."

<sup>\*2</sup>: This data is based on Daihatsu's survey. (Interior length multiplied by interior width multiplied by interior height) As of October

## **\*The Features of Wake\***

### **“Fine Vision” offers good visibility when sitting in the driver’s seat**

#### ◆ In pursuit of a mini car that is easier to drive

- Setting the driver’s eye level of 1,387mm\*3 achieves “good visibility” when sitting in the driver’s seat. Because drivers can clearly see ahead, they can get a lot of information and can drive comfortably.
- The setting of the belt line height creates a feeling of being wrapped in the car so that the driver can drive easily and safely even at rapid speeds.

\*3: JM50 (a measure of the average Japanese male height of 170cm)

### **“Ultra-Space.” the largest interior space for a mini car**

#### ◆ Achieving the largest interior space for a mini car with a top height of 1,835mm

- The top height of 1,835mm and an interior height of 1,455mm are the biggest for a mini car.\*4 This interior space enables four adults to comfortably sit in the car and also enables adults to change clothes in the car at a leisure situation without feeling tight and cramped.
- The top height of the door openings are set 1,700 mm above the ground, saving children the trouble of bending down when getting in and out of the car and also freeing adults and elderly people from bending at the waist to get into the car.

\*4: This data is based on Daihatsu’s survey as of October 2014.

### **“Fun & Relax Drive Concept.” a basic function of easiness and safety without feeling the car height**

#### ◆ A high level of car stability and comfortableness compatible with the top height of 1,835mm

- The upgraded suspension and body structure realize a top height of 1,835mm. This provides driving stability and comfort so you don't feel the height of the car.
- A high degree of rigidity was realized by increasing the size of the front absorber rods and rear absorbers, improving stability. In addition, Daihatsu controlled rolls during cornering by introducing urethane bump springs and fitting stabilizers as standard equipment and achieved driving performance with a sense of security through a fusion of riding comfort and driving stability at a high level.

#### ◆ Using aerodynamic fins to increase straight line stability

- With a focus on air flow, Daihatsu improved straight line stability by using aerodynamic fins for the first time in its cars.

◆Controlling the height of the gravitational center by weight reduction

- The weight of parts over the gravitational center was reduced by optimizing the thickness of the outer plates, such as the roof panels, and using resin for shell plates. The height of the gravitational center was controlled for an increase of about 10mm in spite of increasing the top height of the car by 85mm in comparison with Tanto.

◆Achieving a high level of quietness to create a high-quality interior space

- Daihatsu achieved a high level of quietness by improving a sound source through the change of the damper property (TC car\*5) of torque converters, blocking intrusion routes, such as preventing sound leaks from the plating of the shell body, enhancing the thickness of the dash panel, and optimizing the positioning of sound-absorbing and sound-insulating materials.

\*5: Turbo charger engine.

**“Miracle Luggage” provides overwhelming comfort when using the luggage space**

◆Providing a luggage under trunk with a large capacity

- A luggage under trunk with a large capacity of about 90 liters\*6 is capable of carrying twenty four two-liter PET bottles. Combined with the high interior height, the luggage under trunk is capable of holding long objects without folding the rear seats down, including vertically inserting a golf bag.

\*6: About 16 liters in the case of 4WD car according to a corporate internal measurement.

◆Providing flexible storage capability with an upward and downward two-stage adjustable deck board (fixed hooks attached)

- If you put up the foot of the upper and lower two-stage adjustable deck board (fixed hooks attached)\*7 that is standard equipment with the G and G “SA” grades, you can get a larger capability of the luggage under trunk. The space on the deck board is also capable of holding luggage.

\*7: A manufacturer’s option for the D, L and X (including “SA”) grades.

◆Daihatsu introduced slide lever settings at the back of the rear seats and water-repellent seats

- Slide levers that enable you to adjust the rear seats from the luggage space were added for greater usefulness and convenience.
- Water-repellent full-fabric seats and vinyl chloride for the back of the rear seats were introduced so they can be easily wiped when wet or stained.

- ◆ Daihatsu achieved a remarkable storage capability by providing a spacious “Pocketerior”
  - A large instrument panel tray of about 6.6 liters\*8 was installed in front of the passenger seat so that you can put a single-lens reflex camera and a tablet on it.
  - In addition, Daihatsu facilitated greater convenience by providing a variety of large and small “pocketeriors,” such as an instrument panel center pocket and a box under the passenger seat.

\*8: This data is based on a corporate internal measurement.

- ◆ Focusing on evaluations from leisure professionals at the development stage and achieving a perfect car for leisure
  - Of the forty-five simulated situations of leisure, Daihatsu especially communicated at the development stage with leisure professionals in six popular leisure areas (camping, fishing, climbing, cycling, surfing and skiing/snowboarding), in an effort to improve usefulness and convenience in leisure situations by changing the specifications for more convenient luggage space and setting many option items.
  - To significantly improve the capability to carry luggage, Daihatsu installed a “leisure base pack,” a combination of an upper and lower two-stage adjustable deck board (fixed hooks attached)\*9, with utility hooks, luggage space floor hooks and fixed belts as a manufacturer’s option for all models. This package can firmly fit large luggage and prevents items from falling.
  - If you utilize the utility hooks of the leisure base pack and install the dealer option of a “luggage board”, you can efficiently store items by making use of the height of the luggage space.

\*9: It is standard equipment with the G and G “SA” grades.

## “Waku Waku Box” gives you a feeling of mass by its presence and multiple uses

- ◆ Exterior design
  - “A sense of presence” was expressed with the height of the hood and the erect backdoors. “A feeling of mass” was also created by securing a large side space for front bumper corners. In addition, Daihatsu expressed a “unique character” with the two-tone color bumper, plated fog lamps, tall quarter windows and protector-like side turn bezels.
  - LED headlamps were introduced for all models and surface-emitting clearance lamps create a unique expression.
  - The Wake has a special front emblem.
  - Eight-color variations and three types of two-tone colors were prepared.

- ◆ Interior design
  - Good visibility was expressed by the flat instrument panel top. Daihatsu also gave metal decorative designs to the meters\*10 and introduced a dignified-looking three-dimensional center meters.

\*10: It is standardly equipped with the X and G (including the “SA” grade) grades.

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**Daihatsu introduced fuel efficiency of 25.4 kilometers per liter and Smart Assist, a collision-avoidance support system, and also installed convenient features, such as sliding doors that can be easily opened by one touch.**

- ◆ A tax exemption is applicable under the eco-friendly car tax cut program thanks to the Wave delivering 25.4 kilometers per liter\*11, while still having the largest interior space for a mini car.
- 'e:S technology' was introduced, such as the cooled i-EGR, the CVT thermo controller and eco-friendly power generation control, and it has the good fuel efficiency of 25.4 kilometers per liter, which is suitable for a mini car.
- An eco-friendly drive assist lighting system was introduced to offer the feeling of "visible eco" through fuel-efficient driving.

\*11: This is a fuel efficiency value based on the JC08 mode drive according to a Ministry of Land, Infrastructure, Transport and Tourism examination of a 2WD NA car.

- ◆ Introducing Smart Assist and installing VSC & TRC in all models as standard equipment
- Smart Assist consists of "low-speed range collision-avoidance support brake function," "false start control function" and "preceding vehicle start notification."
- Daihatsu installed VSC & TRC, emergency stop signal and SRS side airbags in all models as standard equipment.

- ◆ An impressive range of convenient features

- One-touch switches were installed in the outer handles of power sliding doors, which enable you to automatically unlock and open the doors with one-touch if you bring an electronic card key within a range of about eighty centimeters.
- A comfortable pack consisting of a set of super UV&IR cut glass (front door) and a super-clean air filter was installed in the G and G "SA" grades as standard equipment.\*12
- In a first for a Daihatsu vehicle, a warning light displayed on the indicator meter comes on if passengers forget to fasten their seat belts in the rear (right and left) of the car, to give a warning for all seats if people forgot to fasten their seat belts.

\*12: A maker option for the D, L and X (including "SA") grades.

