



DAIHATSU

Press Information

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(1/6)

**Daihatsu “Tanto” Mini Passenger Car Undergoes Full Model Change
Pursuing Ease of Use and Openness to Achieve the Ultimate Free Space**
—Resin Outer Body Panels Greatly Improve Aerodynamics, Safety and Other Requirements—



Tanto X “SA”



Tanto Custom RS “SA”

Daihatsu Motor Co., Ltd. is pleased to announce a full model change for the Tanto mini passenger car, which will launch nationwide on October 3.

Since its introduction in 2003, the Tanto has redefined the standard for spaciousness in the mini vehicle field and created a new category of extra space mini vehicles. With the adoption of the Miracle Open Door in the second generation Tanto in 2007, Daihatsu has pursued greater ease of use and gained popularity with many customers, particularly among women with small children.

With the latest full model change, Daihatsu has built on the essential fuel efficiency and affordability foundations developed with the Mira e:S, pursuing added value tailored to the vehicle characteristics and aiming for the diverse development of mini vehicles.

The main features of the new Tanto are as follows.

1. Unparalleled ease of use marking a further evolution in usability for the Miracle Open Door unique to the category
2. Class-leading feel of vast spaciousness in the mini vehicle category^{*1} with a focus on points evoking a sense of openness
3. Dramatic evolution in aerodynamic performance and improved protective performance for pedestrians due to the introduction of resin-based outer panels
4. Equipped with basic performance and safety that will even satisfy registered car users
5. Achieves a fuel efficiency of 28km/L and meets the tax exemption level of the eco car tax cut program
6. With revamped interior and exterior styling, the Tanto offers the three key benefits of spaciousness, ease of use and friendliness, while the Tanto Custom tops this off with its sublime presence and top end deluxe feel.

*1: Based on Daihatsu research

Vehicle Overview

<Spatial Design and Ease of Use>

Unparalleled ease of use marking a further evolution in usability for the Miracle Open Door

◇ **Front passenger seat with longer sliding travel**

The slide width of the passenger seat has been extended by 10 cm, achieving a longer slide of 38 cm. Moreover, the protruding part at the bottom of the rear seats has been eliminated to secure an expansive flat space. This allows a type-A stroller to be stowed unfolded, as well as the loading of large cardboard boxes or cases of beer. The Miracle Open Door and long sliding travel of the front passenger seat creates a large opening, enabling easy loading of large baggage.

◇ **Sliding doors used on both sides**

Even in tight spaces such as parking lots with small distances between adjacent vehicles, hitting other cars or walls with the door are not a concern, and children can get on and off with peace of mind. In addition, the G, G “SA”, Custom RS and Custom RS “SA” grades come equipped with power sliding doors on both sides as standard^{*2}. The sliding doors can be easily opened and closed using a card key or a switch near the driver’s seat.

*2: X and Custom X models are equipped with a left-side power sliding door as standard. A right-side power sliding door is available as a manufacturer option (including the “SA” variations for both)

Class-leading feel of vast spaciousness in the mini vehicle category^{*1} with a focus on points evoking a sense of openness

◇ **Longest header distance^{*3}, overhead clearance^{*4} and distance between front and rear passengers in the mini vehicle category**

The interior space has been designed with a focus on overhead clearance and the rear seat space, points that evoke a sense of openness on the part of passengers. Header distance has been extended by 12cm, while front seat head clearance has been improved by 2cm. This achieves the longest front/rear head clearance, header distance and distance between front and rear passengers in the mini vehicle category.

*3: The distance from the forehead to the front windshield

*4: The distance from the top of one’s head to the interior ceiling

Various items developed through thorough research into usage scenarios in pursuit of greater ease of use

◇ **Adoption of the first front passenger seat back reclining lever for a mini vehicle**

With the adoption of a front passenger seat back reclining lever, front passenger seat sliding and reclining can be done from the outside, the driver’s side or from the rear seats. With full command of the front passenger seat in various usage scenarios, ease of use has been improved.

◇ **Installation of front passenger seat grip to aid getting on and off**

Using the grip attached to the upper left of the front passenger seat, a person can get in or out of the vehicle while holding the grip, without having to bend their body. The grip shape has been fashioned to be easy to grasp for children and the elderly, offering improved comfort when getting on or off the vehicle.

◇ **Use of retractable rear door sunshade**

The sunshade blocks harsh sunlight and reduces glare experienced by rear passengers. There is no worry about the sunshade falling off during use, and when not in use it can be neatly stored inside the rear door trim.

<Introduction of Resin Materials>**Dramatic improvements to various requirements through the adoption of resin-based outer panels****◇ Lighter weight due to resin parts**

By adopting resin for the hood, front fender, back door, fuel cap and rail covers, vehicle weight has been reduced by approximately 10 kg compared to when conventional steel parts were used. This has helped to achieve a similar weight to the previous iteration despite increased mass due to improvements in areas such as convenience and basic performance. Further, as the back door is now lighter, it can be more easily opened and closed by female users.

◇ Achieves outstanding aerodynamic performance in the category

Thanks to the use of resin, the back door and rear spoiler have been molded as a single piece. The spoiler, which contributes to improved aerodynamic performance, can now be employed at a lighter weight and lower cost than in previous models, helping to improve fuel efficiency and handling.

◇ Better protective performance for pedestrians

By using resin for all outer paneling at the front of the vehicle, protective performance for pedestrians in the event of contact has been improved.

<Basic Performance>**Transforms mini vehicle operation into a fun and relaxing drive, achieving a safe and comfortable driving experience and high-quality interior space****◇ Improved handling through a thorough revamping of leg space and review of body rigidity**

By making improvements to thirteen points on the chassis and underbody, such as the installation of front stabilizers to a wider range of models, rebound spring settings for the front shock absorbers and enhanced underbody rigidity, as well as making a marked improvement in roll rigidity, behavior such as wobbling when negotiating curves has been controlled and overall handling improved.

◇ Achieving relaxed driving even on slopes with the use of hill-climbing transmission control

When a hill-climb is detected based on the accelerator position and vehicle speed, high engine rpm is maintained through CVT control to ensure drive force.

◇ From vehicle start-up to high-speed areas, quietness has been further improved to realize a high-quality interior space

Taking into account the wide range of customer usage scenarios, the new Tanto offers excellent quietness and a high-quality interior space through enhancements such as increased exhaust capacity, structural changes to the wall separating the engine compartment and cabin, modifications to dash silencer characteristics, and the placement of sound absorbing and insulating materials where appropriate.

<Safety>**Miracle Open Door with built-in pillars ensures safety, while features such as Smart Assist offer enhanced active safety****◇ Miracle Open Door features built-in pillars to ensure safety**

The rear end of the front door and front end of the rear sliding door feature built-in pillars using super high-tension materials with three times the strength of regular steel panels. The doors fulfill the role of pillars to ensure the same strength and rigidity as the driver's side.

◇ Smart Assist is set across all grades and all models employ the Emergency Stop Signal system

Smart Assist is made up of four functions: braking to assist low-speed crash avoidance, gas pedal operating error control, notification of motion of preceding vehicles, and VSC & TRC to prevent skidding. All models have been equipped with Smart Assist, as well as with the Emergency Stop Signal system, which warns following vehicles when the driver brakes sharply, to offer enhanced active safety.

◇ **A wide and clear view from the driver's seat helps to prevent accidents**

The expanded window offers a commanding view, and one meter-tall poles placed within 30 centimeters from the vehicle body can be seen directly from a natural driving posture. The Tanto also employs a side under-mirror (front passenger seat) and rear under-mirror (inside cabin) to assist the driver when parking. In addition, all Custom models are equipped with SRS side air bags (driver's seat / front passenger seat). SRS Curtain Shield air bags (front and rear seats) can be installed as options on the G and Custom RS models^{*5}.

*5: Including the "SA" variations for both.

<Fuel Efficiency>

Achieves a fuel efficiency of 28.0 km/L and meets the tax exemption level of the eco car tax cut program

◇ **Further evolution of the e:S technology and outstanding aerodynamic performance in its category**

Daihatsu's e:S technology comprises three major aspects: (1) power train evolution, (2) vehicle evolution and (3) energy management. With the new Tanto, Daihatsu has made significant improvements in the vehicle evolution aspect. Innovations to the front "A" pillar reduce wind disturbance while at the back, the use of an integrated spoiler and back door rectifies the flow of air behind the vehicle. Moreover, under-floor wind disturbance is also reduced to achieve a CD (drag coefficient) on par with the Mira, producing outstanding aerodynamic performance in the category.

◇ **Improved compression ratio and the use of VVT improves fuel efficiency of turbo-charged vehicles**

The shape of the engine pistons has been optimized to reduce knocking. By raising the compression ratio from the previous level of 9.0 to 9.5, fuel efficiency has been improved. In addition, greater fuel efficiency has been achieved with the use of VVT and a CVT Thermo Controller in turbo engines.

<Reduced Weight>

Achieves similar vehicle weight to previous generation despite increased mass from performance improvements with weight reductions due to the introduction of resin outer panels and a streamlined structure

◇ **Plans reviewed from the ground up to streamline the structure**

Daihatsu reduced the vehicle weight through reviewed placement of structural parts, reduction of reinforcing parts by straightening certain components, and optimal placement of high-strength steel plates.

Despite increased mass associated with usability improvements through the use of Miracle Open Door and sliding doors on both sides as well as improved basic performance, we were able to realize a vehicle weight similar to the previous iteration.

<Cost-reduction>

Sustained thorough cost-reduction efforts

◇ **Continuing cost reduction efforts and procurement reforms through component-oriented activities**

Daihatsu has pursued lower costs through cost-reduction efforts in pursuit of the best drawings in terms of quality and cost as seen from the standpoint of improving essential design, and has sustained efforts to innovate in procurement, including reexamining the way it makes purchases. By reducing costs alongside pursuing product competitiveness, Daihatsu has managed to offer an affordable price while improving the vehicle's attractiveness as a product.

<Styling>

The easy-to-ride and friendly Tanto

◇ **An exterior design that maintains a friendly look while enhancing the texture with a three-dimensional form**

- Texture has been improved with a three-dimensional front section and molded bumper.
- Protruding section of the back door and LED rear combination lights are linked to express a sense of width.
- Rounded door cross-section with well-defined undulations expresses friendliness

◇ **Interior design expressing the three key benefits of spaciousness, ease of use and friendliness**

The flat top of the instrument panel due to its center position gives a sense of spaciousness. In addition, visibility has been improved by placing the instruments in easy-to-read areas and distances and using large text.

While the rounded door cross-section provides a sense of familiarity, a balance with usability is struck with the three-dimensional crafting.

Tanto Custom exerts strong presence with a bold and splendid exterior design

◇ **A bold exterior that lives up to the expectations of a primary car**

- Large grill and LED head lamps exert a sense of advancement and presence.
- Large roof end spoiler and LED rear combination lights make presence felt
- RS grade offers a top-end feel with illuminated grill and 15-inch machined aluminum wheels

◇ **Interior design offers a space with a high-end deluxe feel**

- Center portion of instrument panel given high-grade feel with decoration in piano black and silver
- Steering wheel with improved texture featuring circular horn pad and spokes with silver finish
- Large sofa-like bench seat with exclusive top cover adds to a deluxe feel

Extended range of color variations with the addition of two new colors

◇ **Tanto offered in ten colors, Tanto Custom in seven colors**

High-quality color variations include the newly-added Fire Quartz Red Metallic and Night Shadow Purple Crystal Metallic.

<Navigation and Audio>

Enhanced in-car entertainment with smartphone-linked memory navigation and large rear seat monitor

◇ **User-friendly navigation system with smartphone-like usability**

A smartphone-linked memory navigation system has been made available as a manufacturer option. The screen can be operated with smartphone-like flick, pinch-in and pinch-out movements for improved ease of use.

◇ **Large rear monitor and the first 8-inch memory navigation system in the light automobile category available as dealer options**

A large rear seat monitor which does not appear in the rear view mirror has been designed especially for the new Tanto and allows children in the rear seats to enjoy long rides. In addition, the first manufacturer-authorized 8-inch memory navigation system in the mini vehicle category allows for viewing maps on a larger screen, as well as enhanced in-car entertainment such as DVD and TV viewing.

Sales Overview

Target for monthly domestic sales: 12,000 vehicles (excluding Tanto Exe)

Announcement exhibition: October 12-14, 2013

Adapted Vehicles

Additional releases of the Tanto Welcome Seat and Tanto Sloper models as the Friendship Series versions of the new Tanto are scheduled in 2013.

Manufacturer's Suggested Retail Prices (tax included)

[Tanto]

Grade	Engine	Transmission	Idling Stop	Smart Assist	Drive	Price (yen)	Tax reduction level
L	NA ^{*1}	CVT	○	-	2WD	1,170,000	Exempt
					4WD	1,291,000	
L "SA"				○	2WD	1,220,000	
					4WD	1,341,000	
X				-	2WD	1,300,000	
					4WD	1,421,000	
☆ X "SA"				○	2WD	1,350,000	
					4WD	1,471,000	
G				-	2WD	1,410,000	
					4WD	1,531,000	
G "SA"	○	2WD	1,460,000				
		4WD	1,581,000				
Custom X	-	2WD	1,470,000				
		4WD	1,591,000				
Custom X "SA"	○	2WD	1,520,000				
		4WD	1,641,000				
Custom RS	TC ^{*2}		-	2WD	1,580,000		
				4WD	1,701,000		
☆ Custom RS "SA"			○	2WD	1,630,000		
				4WD	1,751,000		

*1: Naturally aspirated engine *2: Turbo charger engine

☆ Photo attached

* 2WD vehicles in the Hokkaido area cost an additional 10,500 yen (tax included). Prices do not include recycling fees.