



DAIHATSU



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(1/7)

Full Redesign of the Daihatsu Move Mini Passenger Vehicle

Newly Developed Lightweight, High-Rigidity Body, and Significant Improvements in Basic Performance – Introducing the New “Hyper” Grade in Move Custom –



Move Custom RS “Hyper SA”



Move X “SA”

Daihatsu Motor Co. Ltd. (“Daihatsu”) has fully redesigned its “Move” range of mini passenger vehicles, and will commence sales of all models nationwide from December 12.

Part of Daihatsu’s core range, the Move was launched as the company’s first “spacious mini vehicle” in 1995, since which time it has established an excellent reputation with countless customers, male and female, old and young.

The new Move has been developed with the aim of becoming the best next generation small vehicle. Building on fuel efficiency and affordability, as the cornerstones of any mini vehicle, the new models offer significant improvements in basic performance, thanks to additions such as a newly developed lightweight, high-rigidity body structure and upgraded suspension. They are also fitted with numerous items of cutting-edge equipment that have never been used in a mini vehicle before, pushing the boundaries of mainstream mini vehicles even further. The new “Hyper” grade meanwhile is a top-end grade with a firm focus on quality.

As well as improving basic performance due to increased rigidity, the technology behind the lightweight, high-rigidity body structure also contributes to fuel efficiency and affordability thanks to its reduced weight. Daihatsu is developing the technology with planning to roll out to other vehicles in the future, to strengthen its entire range.

The key features of the new Move are as follows.

1. Outstanding basic performance that will satisfy any customer
2. New “Hyper” grade and a new design combining impact and quality
3. Fuel efficiency of 31.0km/l across all NA^{*1} grades (2WD)
4. Fitted with a range of cutting-edge equipment
 - (1) First mini vehicle^{*2} to be fitted with reversing control capabilities, as part of the Smart Assist crash avoidance assistance system
 - (2) Fitted with a color TFT multi-information display, and various other features to enhance convenience and comfort

*1: NA: Naturally aspirated engine

*2: As of December 2014, based on Daihatsu data

Vehicle Outline

Basic Performance

Offering peace of mind through basic performance that makes customers feel that they have become a “better driver”

To achieve a level of basic performance that makes customers feel that they have become a “better driver”, the new Move has been developed with an emphasis on “force control,” based on controlling forces exerted on the vehicle from the outside and forces exerted on the surrounding environment by the vehicle, revolving around the new body structure. It also reduces driver fatigue, and offers improved comfort and peace of mind, thanks to features such as reduced rolling at the driver’s head level, on a par with a small car.

<Force Control>

◇“D monocoque” lightweight, high-rigidity body structure

Improved basic performance through increased rigidity

The lightweight, high-rigidity body structure features thick, high tensile steel outer panels on all sides, in order to reduce structural breakpoints and absorb impact across the entire frame. Whilst reducing the weight of the body by 20kg, through innovations such as resin outer panels, it nonetheless ensures the same level of collision safety as previous models. In addition to all this, optimum underbody reinforcements offer increased rigidity and improve basic performance even further.

Development with an eye to rolling out to other vehicles in the future, to strengthen Daihatsu’s entire range

Another key factor is the universal need to improve the basic performance of mini vehicles, increase fuel efficiency through lightweight development, reduce the number of parts, and cut costs by improving efficiency. With that in mind, Daihatsu is working on development with an eye to rolling out technology to other vehicles in the future, in order to strengthen its entire range.

◇“D suspension” upgraded to the finest detail

Daihatsu has optimized and upgraded the new Move’s suspension to the finest detail, in line with the vehicle’s properties. That includes increasing the rigidity of rear suspension and struts, reviewing bush performance, optimizing coil spring/absorber performance, and improving the feel of braking. The result is increased safety and peace of mind for the customer, combined with a flat, comfortable ride.

◇“D assist” power mode steering switch, a first for a mini vehicle^{*3}

The new Move can be put into to “power mode” with just one touch of its steering switch. Changing the engine and CVT controls enables the driver to handle the axles more responsively, to ensure stress free driving when accelerating from standing start or climbing hills.

*3: As of December 2014, based on Daihatsu data

A focus on driving performance based on customer feedback

Having extensively canvassed and analyzed customer feedback at the planning stages, Daihatsu has focused on the countless requests received from downsizers looking to switch from a registered car to a mini vehicle. Planning departments and suppliers also worked together to explore ideas through new customer evaluation meetings, speeding up processes such as selecting new items and determining the ideal driving position.

Quieter than existing models**◇Improving quietness**

By reducing the number of holes in the body, including drainage holes, Daihatsu has reduced entry points into the vehicle, which cause noise, by approximately 20%. By repositioning sound absorbing materials and significantly improving the rigidity of steering supports meanwhile, the new Move offers a substantial reduction in noise and vibrations compared to previous models. Daihatsu has also developed a more aerodynamic design, revising aspects such as mirror shape and unevenness from the front of the vehicle to the side in order to limit wind disruption and reduce wind noise.

Driving position to minimize fatigue even when driving for long periods**◇New seat structure designed to fit and hold the body**

Daihatsu has developed a high performance seat based on analysis of how seating pressure changes when driving in a straight line or turning. It has revised the structure of seat frames and pads to achieve optimum support pressure and improve how seats fit their occupants. Seats also offer improved hold, thanks to innovations such as changing the shape of the seat back, to maintain a correct driving position.

◇Revised steering and pedal layout

The new Move offers the ideal driving position, as a result of reducing the distance between steering and driver. Pedal heights have also been adjusted to ensure that the driver cannot operate the accelerator and brake pedals at the same time.

DesignNew Move Custom “Hyper” grade**◇Exclusive exterior design with an emphasis on quality and luxury**

Daihatsu has introduced the Move Custom “Hyper” grade for the first time. The Hyper grade features a dark coated grill and brand logo to create an added sense of quality and luxury. LED illumination underneath the grill and around the fog lamps meanwhile gives models a more assertive presence.

◇Exclusive high-end interior

The interior features instrument panel surrounds and ornamental door panels in “galaxy marble,” exclusive to Hyper models. Seats combine real leather and fabric with blue stitching, giving a superior sense of quality.

Move Custom features for added impact and presence**◇Exterior**

Daihatsu is focusing on increasing the impact and quality of its vehicles, including the Move, as part of its commitment to high-end design. With their relaxed square outline, dynamic window graphics, and X-based design on the front, side and rear, the new custom models have a suitable level of impact and presence. Making the most of the freedom of design offered by resin outer panels, the back door is designed to resemble a beltline spoiler.

◇Interior

The interior features instrument panel surrounds in “silver hairline,” exclusive to custom models, and new molded fabric fine-touch seats. In the center of the two light-emitting dials meanwhile, models are fitted with a multifunctional color TFT multi-information display, the first time such advanced equipment has been used in a mini vehicle^{*4}.

*4: As of December 2014, based on Daihatsu data

A sense of quality and assurance thanks to the Move's unified, three dimensional design**◇Exterior**

With its thick moldings, the new Move provides a greater sense of quality from its large headlamps, grill and sweeping, rounded bumper. The sharply molded lines on the side meanwhile create a sense of both quality and assurance.

◇Interior

The new three-tone interior – in dark gray, white and greige (gray + beige) – provides a sense of quality and glamour. The optional Black Interior Pack meanwhile offers a touch of chic refinement, with its dark gray and white instrument panel contrasting with black seats and leather steering wheel. Daihatsu has also fitted tachometers as standard to all vehicles, to make displays larger and easier to read.

The Move is now available in a record 21 color variations**◇13 colors for the Move and Move Custom, including two-tone designs**

From darker colors with a high-end feel to glamorous lighter colors, the Move is now available in a record 21 different colors, including two-tone designs (Move Custom: 13 colors, Move: 13 colors).

Fuel EfficiencyFuel efficiency of 31.0km/l at all grades (2WD, NA)**◇Eligible for tax exemption under the Eco-car tax reduction act at all grades, both NA and turbo**

NA models achieve 31.0km/l fuel efficiency, with turbo models achieving a class leading^{*5} fuel efficiency of 27.4km/l (both 2WD). With the same level of fuel efficiency at every grade, all vehicles are eligible for tax exemption under the Eco-car tax reduction act.

*5: Light vehicles with a height of 1,550mm or greater. As of December 2014, based on Daihatsu data

◇Significant improvement in aerodynamic performance

Factoring in aerodynamics from the design stages onwards, the new Move strikes a balance between aerodynamic performance and design. A full range of items to improve aerodynamic performance, including a front under-spoiler, rear tire guards, and a back door with integrated spoiler, reduces Cd (drag coefficient) by approximately 10%.

Cutting-edge Equipment and ComfortSmart Assist crash avoidance support system equipped with reversing control capabilities for added safety, a first for a mini vehicle^{*6}**◇Preventing errors when reversing (operating the wrong pedal, etc.)**

In addition to Daihatsu's existing Smart Assist system, the new Move is the first mini vehicle to be equipped with reverse control capabilities, designed to stop engine output for around eight seconds and prevent sudden movements in the event that an obstacle is detected behind the vehicle and the driver presses down hard on the accelerator pedal (R range). Whereas laser radar is used for forward detection, rear detection uses sonar sensors (sound waves). The system comes into effect if a wall or other obstacle is detected around two to three meters behind the vehicle when moving at speeds of 10km/h or less. Prices have been frozen at the same level as existing models for all grades fitted with Smart Assist. Previously included in Smart Assist, VSC/TRC is now fitted as standard in all vehicles.

*6: As of December 2014, based on Daihatsu data

◇ **Fitted with multiple LED lamps to improve visibility at night**

LED headlamps, which produce bright white light to make objects easily visible for added peace of mind when driving at night, are fitted as standard on the Move Custom, and as an option on the Move. Vehicles also feature a wider range of settings for fog lamps, rear combination lamps and interior lights^{*7}, to help make them more eco-friendly and fuel efficient.

*7: Fitted as standard on Move Custom

◇ **Improved rear camera capabilities^{*8}, to provide effective support for rear visibility**

In addition to the normal view, rear cameras now include a top-down view, looking straight down on the vehicle from above for added convenience when parking, and steering guide lines, which synch with the wide view to show steering movements and indicate the best route.

*8: Option on all vehicles

◇ **“Hill hold system” to assist with hill starts**

When starting the vehicle on a hill, the brake is held in place when switching from the brake pedal to the accelerator, to prevent the vehicle from rolling back down the hill.

Loading/seat arrangement

◇ **Class leading trunk length**

The new Move has a class leading trunk length of 575mm (at its maximum) for improved loadability.

◇ **Wide range of seat arrangements**

The rear seats are separate, and have reclining and sliding features to enable a wider range of seat arrangements. The rear seats can be moved forwards and backwards by 240mm, so that they can be arranged to suit users' needs.

Color TFT multi-information display^{*9}

◇ **Large, easy to read color display**

The new Move is the first mini vehicle^{*10} to be fitted with a color TFT multi-information display. Daihatsu has fitted a central color liquid crystal display to provide basic information, including speed, gear position and average fuel efficiency. The easy to read display features both text and illustrations, providing content such as maintenance information, driving support information and remaining battery on the vehicle's keyless remote.

*9: Fitted as standard on the Move Custom *10: As of December 2014, based on Daihatsu data

Additional features for comfort and convenience

◇ **High efficiency air conditioning system and Smart Cool^{*11}**

Daihatsu has upgraded the Move's air conditioning system to improve efficiency, thanks to a newly developed lightweight, high performance unit and scroll compressor. The system retains high level performance, but significantly reduces power consumption. Vehicles with automatic air conditioning meanwhile are fitted with a cold storage evaporator and feature a “Smart Cool” system to keep cold air blowing even when the vehicle is in idle-stop mode. This improves both comfort and fuel efficiency when using air conditioning.

*11: Fitted as standard to all Move Custom models, and to the Move X Turbo, X Turbo SA, X and X SA

◇Aero wiper blades

Aero wiper blades apply even pressure across the surface of the glass to ensure clear visibility. They are also less susceptible to uplift at high speeds, and even help to improve aerodynamic performance.

◇Indicator switch featuring one-touch turn signal capabilities

Daihatsu has switched from a mechanical system to electronic, to improve usability. Pressing the switch gently causes the turn signal to flash three times.

◇Voice controlled navigation system^{*12}

Systems are equipped with simple voice control capabilities, including intuitive controls similar to a smart phone, and the ability to access smart phone apps and music on screen. By connecting to a smart phone, users can display search results and useful information, and set their chosen destination, simply by talking naturally to the system.

*12: Option on all vehicles

◇Super UV/IR-blocking glass (front doors)^{*13}

Glass reduces sunlight by half, by blocking infrared (IR) rays, which are the main cause of heat, as well as ultraviolet (UV) rays. This protects occupants from sunburn and also prevents the temperature inside the vehicle from rising too high.

*13: Fitted as standard to all Move Custom models, and to the Move X Turbo, X Turbo SA, X and X SA

◇Super clean air filters^{*14}

Clean air filters remove particles from the air, including pollen, PM 2.5 and yellow dust.

*14: Fitted as standard to all Move Custom models, and to the Move X Turbo, X Turbo SA, X and X SA

◇Warm Pack for added comfort when driving on cold days^{*15}

Vehicles can be fitted with equipment for added comfort when driving on cold days, including seat heaters, windshield deicer and rear heater ducts.

*15: Option on all vehicles

Sales Outline

Monthly sales target: 12,000 vehicles (excluding Front Seat Lift and Move Conte)

Manufacturer's Recommended Retail Prices

Move (including consumption tax)

Grade	Engine	Transmission	Idling-stop	Smart Assist	Drive	Price (yen)	Tax status
L	NA	CVT	Y	-	2WD	1,134,000	Exempt
				4WD	1,258,200		
L "SA"				Y	2WD	1,198,800	
				4WD	1,323,000		
X				-	2WD	1,252,800	
				4WD	1,377,000		
☆ X "SA"	Y			2WD	1,306,800		
	4WD			1,431,000			
X Turbo	TC ^{*16}			-	2WD	1,317,600	
				4WD	1,441,800		
X Turbo "SA"	Y			2WD	1,371,600		
	4WD			1,495,800			
Custom X	NA			-	2WD	1,404,000	
				4WD	1,528,200		
Custom X "SA"				Y	2WD	1,458,000	
				4WD	1,582,200		
Custom X "Hyper"				-	2WD	1,479,600	
				4WD	1,603,800		
Custom X "Hyper SA"	Y			2WD	1,533,600		
	4WD			1,657,800			
Custom RS	TC			-	2WD	1,539,000	
				4WD	1,663,200		
Custom RS "SA"				Y	2WD	1,593,000	
				4WD	1,717,200		
Custom RS "Hyper"		-	2WD	1,614,600			
		4WD	1,738,800				
☆ Custom RS "Hyper SA"	Y	2WD	1,668,600				
	4WD	1,792,800					

*16: TC: Turbo charger engine

☆: Photo included

©Prices do not include recycling charges.