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The new ID.7 Tourer

The world premiere, February 2024



In brief

Electric all-rounder of a new era: world premiere of the ID.7 Tourer¹ from Volkswagen

- Large electric estate car from Volkswagen: with the ID.7 Tourer¹, one of the world's first electric estate cars in the upper mid-sized class makes its debut
- Generous space: the ID.7¹ Tourer offers space for five people with up to 605 litres of luggage. With two people on board, the load capacity increases to 1,714 litres
- High charging speed: the ID.7 Tourer¹ with a new 86 kWh battery charges with up to 200 kW² at DC quick-charging stations
- Outstanding comfort: intelligent automatic air conditioner, seats with pressure point massage and air conditioning as well as the new Wellness In-Car-App offer a luxury-class experience

Wolfsburg – The ID.7³ is the flagship among electric Volkswagen models – a progressive fastback saloon with a long range. Volkswagen is now expanding the ID.7 portfolio with an estate car: the ID.7 Tourer¹. The new Volkswagen model is one of the first all-electric estate cars in the upper mid-sized class. Volkswagen is also represented in this class with the new Passat Variant. Both product lines complement each other and together cover all relevant drive types. The aerodynamic ID.7 Tourer¹ combines the emission advantages of electric mobility with long ranges and a very high load capacity (up to 1,714 litres) – parameters that combine many requirements of the business and private world more sustainably than ever before.

Electric business class. Imelda Labbé, Member of the Volkswagen Brand Board of Management, responsible for Sales, Marketing and Aftersales, says: "Together with the ID.7 fastback saloon and the new Passat Variant, the new ID.7 Tourer perfectly rounds off our offering in the upper mid-sized class. It is particularly attractive for frequent drivers and business customers thanks to its generous space and long ranges."

Tourer as fusion of estate and shooting brake. The ID.7 Tourer¹ differs significantly from the fastback saloon at the rear. The design of the electric estate is characterised in particular by a long roof line. In terms of style, the avant-garde Tourer is a fusion of a classic estate in the format of the Passat and a particularly dynamic shooting brake such as the Arteon. Thanks to the increased height at the rear, the luggage compartment volume is even larger than that of the fastback saloon: with five people on board, and the rear seats in cargo position, ID.7 Tourer¹ can accommodate luggage with a volume of up to 605 litres. When loaded up to the backrests of the front seats and up to the roof, this figure rises to 1,714 litres; in this case, the load area is almost two metres long.

ChatGPT is on board for the first time. The new ID.7 Tourer¹ will be launched with extensive standard equipment, as is shown by the Pro version. Taking Germany as an example: the standard exterior features include LED headlights and LED tail light clusters, diamond-cut 19-inch alloy wheels and roof rails. The interior and technology

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equipment includes the keyless locking and starting system Keyless Access, luggage partition net, 10-colour background lighting, enhanced augmented reality head-up display, rear view camera system, two-zone automatic air conditioner with smart air vents and heated front seats. The new IDA voice assistant is operated using natural language. Within the system limits, this not only enables control of many vehicle functions, but also answers specific questions on all conceivable subjects by accessing online databases and features new integration of ChatGPT (artificial intelligence, AI). ChatGPT should be available with a time delay. An optional Wellness In-Car-App is also new on board. This allows various vehicle functions to be adjusted via preconfigured programmes to enhance well-being during the journey or breaks.

Optional panoramic sunroof. As for the ID.7³ fastback saloon, the panoramic sunroof with smart glass is also available for the new ID.7 Tourer¹. The transparent roof can be made opaque or transparent electronically by means of a polymer-dispersed liquid crystal (PDLC) layer integrated in the glass.



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Key aspects

EXTERIOR – DESIGN AND DIMENSIONS

Dynamic proportions. The ID.7 Tourer¹ shares most of its exterior dimensions with the ID.7³ fastback saloon. Both models are 4,961 mm long and have a very long wheelbase of 2,971 mm with correspondingly short body overhangs as distinguishing features. The width of the two ID.7³ models is 1,862 mm (without exterior mirrors). Both ID.7 bodies are 1,536 mm high. Both models differ significantly from each other in the rear body area: the new ID.7 Tourer¹ is characterised by a roof line that extends far to the rear between the C- and D-pillars and thus increases the height in this area. Thanks to the longer roof and steeper boot lid, the ID.7 Tourer¹ offers even more luggage compartment capacity.

Front section reflects new evolutionary stage of the ID. Design. As with the ID.7 saloon, the front in particular reflects the next evolutionary stage of the ID. design. It has significantly sharper contours and clearly shows a high level of precision and quality. The headlights now have a slimmer look and bear an even greater resemblance to human features with their new modules. As an option, the ID.7 Tourer¹ will be available with IQ.LIGHT LED matrix headlights⁴ including a horizontal LED strip to the left and right of the illuminated Volkswagen logo as well as the automatic main-beam control function Dynamic Light Assist (interactive continuous high beam that does not dazzle oncoming traffic).

Elongated silhouette. The long roofline is a distinguishing feature of the side design of the new ID.7 Tourer¹. The line that extends into the roof spoiler visually matches the dynamic proportions of the new Volkswagen. The side contours are flanked by black, aerodynamically flat roof rails. Below the window sill, the striking character line with a sharp undercut creates powerful, positive tension in the silhouette of the ID.7 Tourer¹. Depending on the equipment, the aerodynamically optimised alloy wheels come in sizes of 19 or optionally 20 inches⁴. A optionally 21-inch wheel rim⁴ is scheduled to follow.

Rear end with horizontal LED strip. The steep boot lid of the ID.7 Tourer¹ ensures a distinctive look and additional luggage compartment capacity. The horizontal body design at the rear lends the vehicle a wide and powerful appearance. This effect is enhanced by the dominant LED light strip (optionally as 3D LED tail light clusters⁴ with dynamic brake and turn signals). Depending on the equipment, the Volkswagen logo in the horizontal LED strip is also illuminated. The upper area at the rear also has a distinctive look: the roof pillars and window surfaces of the cabin are drawn inwards, creating a powerful shoulder section in the area below.

Panoramic sunroof with smart glass⁴. The ID.7 Tourer¹ can be optionally configured with the new panoramic sunroof with smart glass. The transparent roof can be made opaque or transparent from one moment to the next by means of a polymer-dispersed liquid crystal (PDLC) layer integrated in the glass. Switchover is activated by touch control in the roof console or by the IDA voice assistant. The electronic PDLC layer is de-energised when the glass is opaque. This causes the crystals in the layer to arrange themselves so that the glass is no longer transparent. In contrast, as soon as an electric voltage is applied to the layer, the crystals then sort themselves so that light is



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again allowed to pass through. In addition to this switchable glare protection function, layers in the glass also reflect the energy-rich infra-red rays in the sunlight that would otherwise heat up the vehicle interior in sunny weather. Likewise, the heat radiation from the heating is reflected by the smart glass and thus retained in the interior. This creates a high level of comfort for the passengers, especially in winter.

LUGGAGE COMPARTMENT – TOURER REAR END WITH MAXIMUM USABILITY

Travel and luggage compartment. The ID.7³ features a completely new and independent cockpit architecture with its standard-equipment augmented reality head-up display. The ID.7 Tourer¹ has adopted the entire instrument landscape from the fastback saloon. The same applies to the generous amount of space in the first and second seat rows. Behind the asymmetrically split and folding rear bench seat, however, there is now a luggage compartment with an even larger volume. When fully loaded up to the backrests of the first row of seats (loaded roof-high with luggage partition net), the stowage volume increases from 1,586 to 1,714 litres compared with the fastback saloon. The maximum load capacity with five people on board is 605 litres when loaded up to the height of the rear seat backrest (rear seat backrest in upright cargo position); this value corresponds to an increase of 73 litres. The dimensions for the luggage compartment floor are identical: its length is 1,075 mm up to the rear bench seat. When the rear seat backrests are folded down, the largely flat load area length increases to 1,948 mm. The maximum width between the wheel arches is exactly 1,000 mm.

Practical accessories extend the loading options. Practical accessories are available for the ID.7 Tourer¹ to further enhance the usability of the estate model. With a luggage compartment plug-in module⁴, it is possible, for example, to divide the luggage compartment in a flash and secure the load against slipping. A side luggage compartment net⁴ also keeps things tidy. A separately available luggage compartment tray⁴ protects the load compartment from dirt and prevents the load from slipping. Volkswagen's Compact II bicycle carrier⁴, which can be folded out using a foot switch, is also available. Since the tail light clusters, rails and carrier frame can be folded up, the bicycle carrier can be stowed in the luggage compartment when not in use. The permitted drawbar load of the swivelling towing bracket is 75 kg, so that two e-bikes can be transported without any problems. Last but not least, the stowage volume of the ID.7 Tourer¹ can be increased by a further 460 litres with the Comfort roof box⁴.



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PASSENGER COMPARTMENT – COCKPIT AND COMFORT REDEFINED

Enhanced augmented reality head-up display. The new ID.7 Tourer¹ and the ID.7³ fastback saloon are the only vehicles in their class to have an augmented reality head-up display on board as standard. This projects any information relevant to the journey into the driver's field of vision, so their eyes can be kept on the road. At the same time, the AR head-up display changes the cockpit architecture because the classic instruments have become a lot smaller as a redundant information level. As a result, the driver's eyes are focused on the AR head-up display and on what is happening on the road. With the ID.7 Tourer, Volkswagen is introducing the biggest update so far for the AR head-up display and is implementing one of the most frequently stated customer wishes: the active navigation of a mobile phone connected via Apple CarPlay or Android Auto is now integrated into the augmented reality route display. In addition, the appearance of the AR functions has been significantly upgraded. These include new and optimised animations as well as the welcome with the Volkswagen logo when the head-up display is started up.

MIB4, IDA and ChatGPT. Volkswagen has also redesigned the hardware and software of the standard-equipment infotainment system (MIB4), which now has visually free-standing touchscreen measuring 38 cm (15 inches) across the diagonal. The interaction between the driver and the ID.7³ is further enhanced by the IDA voice assistant. Within the system limits, this not only enables control of many vehicle functions, but also answers specific questions on all conceivable subjects by accessing online databases such as Wikipedia and features ChatGPT integration (artificial intelligence, AI) for the first time. Also new on board is the optional Wellness In-Car-App.

Premium comfort. Thanks to additional innovative features – including automatically controlled air vents with electronic actuators, optional ergoActive seats⁴ with functions such as pressure point massage and (in the top-of-the-range seat⁴) automatic air conditioning – both ID.7^{1/3} models offer a level of comfort equivalent to the premium class. Another innovation on board is the optionally available panoramic roof⁴ with smart glass; the glass layers in the sunroof can be electronically switched between opaque and clear – either using a slider in the roof or with the IDA voice assistant.

IDA voice assistant in detail. With the help of the new IDA voice assistant, it is now even easier to operate many vehicle functions using natural speech. New functions include adjustment of the driving profiles or background lighting, for example. Also new is access to cloud-based information. The latter includes, for example, the weather, flight status of commercial airlines, current status of sports events or the news. In addition, questions on all kinds of topics imaginable can be asked thanks to the online integration of Wikipedia. In general, it is enough to use natural sentences such as "What is the latest news?". Another new feature is that spoken commands are visualised on the infotainment system screen. The integration of ChatGPT in the voice assistant is another innovation.

ChatGPT in detail. In future, drivers and passengers of all new ID. models and the new Tiguan and Passat can use the voice assistant to access the database of artificial intelligence offered by ChatGPT in order to have researched content read out while driving. The integration of ChatGPT offers a host of new possibilities. Nothing changes



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for the person at the wheel during use – there is no need to create a new account or install a new app. The voice assistant is activated with 'Hello IDA' and the request is forwarded to the AI in anonymised form only if the previous systems are unable to provide an answer. ChatGPT does not have any access to the vehicle data. Questions and answers are also deleted immediately in order to ensure the best possible data protection.

Wellness In-Car-App in detail. The Wellness In-Car-App is generally new in the ID.7 range. This allows various vehicle functions to be adjusted via preconfigured programmes to enhance well-being during the journey or breaks. Depending on the vehicle equipment, the app does this using features such as the background lighting, sound, air conditioning, the panoramic sunroof with smart glass as well as seat air conditioning and seat massage function. Sound composers have specifically developed acoustic sound tapestries for the Wellness In-Car-App. The new in-car app is launched using the infotainment system. The following three wellness modes are planned: Fresh Up, Calm Down and Power Break. An example: with just one click, Fresh Up activates a stimulating sound, refreshing air conditioning (by means of the automatic air conditioner and seat ventilation), an invigorating back massage and blue and turquoise zones of the background lighting, which therefore also has a fresh colour appearance; the illuminated trims in the dash panel and door panels and the narrow light strips arranged underneath change from blue to turquoise and vice versa at calm intervals. A blue light animation runs in parallel in the ID. Light below the windscreen. If wished, the mode can be customised according to individual preferences: the current radio station or a Spotify playlist can be used instead of the pre-programmed sound, for example. It is also possible to switch the seat massage and seat air conditioning on and off at any time. If the Volkswagen is stationary, the infotainment system screen also shows animations to complement the mood. Fresh Up and Calm Down are automatically deactivated after 10 minutes, Power Break after 20 minutes. The Wellness In-Car-App is part of the optionally available Interior Package and Interior Plus Package. It is also planned that it can be activated later on as optional equipment by means of an upgrade.

Fast charging on the go. During journeys, an innovative charging and thermal management function makes sure the battery is pre-conditioned ahead of the next DC charging stop. Thanks to this pre-conditioning, the ID.7 Tourer¹ and ID.7 fastback saloon³ are supplied with new energy again as quickly as possible, especially on long journeys with one or more charging stops. Where possible, the battery will be heated to the ideal temperature before the charging stop so it can be charged at high power. This enables the charging time to be reduced by several minutes, particularly in winter. When route guidance by the navigation system with the Electric Vehicle Route Planner is active, pre-conditioning is started automatically on the way to the next quick-charging station. Without active route guidance, the function can also be manually activated using the charging menu in the infotainment system.

ASSIST SYSTEMS – ASSISTED DRIVING AND INTELLIGENT PARKING

Large range of assist systems. The ID.7 Tourer¹ will be launched with state-of-the-art assist systems. These include the optional Park Assist Plus⁴ and the memory function⁴ for the Park Assist system – this function enables fully automatic parking^{4/5} over distances of up to 50 m – for example, in the parking space at work or the carport at home. The optional Travel Assist⁴ has also been further developed and is now called



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Connected Travel Assist with Online Data⁴ in the latest version. The system (including Lane Assist, Adaptive Cruise Control (ACC) and Emergency Assist) enables assisted longitudinal and lateral guidance⁵; the latest version also supports assisted lane changes⁵ on motorways and now reacts even more smoothly than the previous version. An exit warning system⁵ is a new development that is an extension of the Side Assist lane change system. Within the system limits, it can protect against one of the doors from being opened if a vehicle (including bicycles) approaches from behind. The system⁵ issues an acoustic and visual warning and, in the event of acute danger, briefly prevents the door(s) in question from being opened. Also on board as standard is the new-generation traffic hazard alert function. The Car2X system supports the driver by providing information on what is happening on the road and is therefore able to give an early warning of situations such as roadworks, accidents, the end of traffic queues or emergency vehicles⁵. The other assist systems equipped as standard include the autonomous emergency braking system Front Assist and Dynamic Road Sign Display.

NOTES

1. Near-production vehicle
2. Maximum possible charging capacity. The charging behaviour of different charging stations can differ, even if their kW capacity is the same. In addition to a charging station's kW output, the maximum charge current also influences the amount of energy that flows. Furthermore, the ambient temperature, battery temperature and charge level influence the maximum possible charging capacity. The specified maximum charging capacity is calculated under WLTP conditions at a temperature of approx. 23 °C and a charge level from five per cent. If these variables change, the charging capacity may deviate from the specified standard value
3. ID.7 – Power consumption combined in kWh/100 km: 16.3–14.1; CO₂ emissions combined in g/km: 0; only consumption and emission values in accordance with WLTP and not in accordance with NEDC are available for the vehicle. Where ranges are stated, the values for consumption and CO₂ emissions depend on the selected vehicle equipment
4. Optional equipment
5. Within the system limits, the driver must always be ready to override the assist system and is not released from the responsibility of driving the vehicle with due care and attention