

Toyota Boshoku's Seats and Interior Components Used in New Crown (Crossover type)

Toyota Boshoku Corporation (Global Mainstay Hub: Kariya City, Aichi Prefecture, President & CEO: Masayoshi Shirayanagi) has developed seats and interior components that will be used in the new Crown (Crossover type) model, announced this month by Toyota Motor Corporation and scheduled to go on sale in fall 2022.

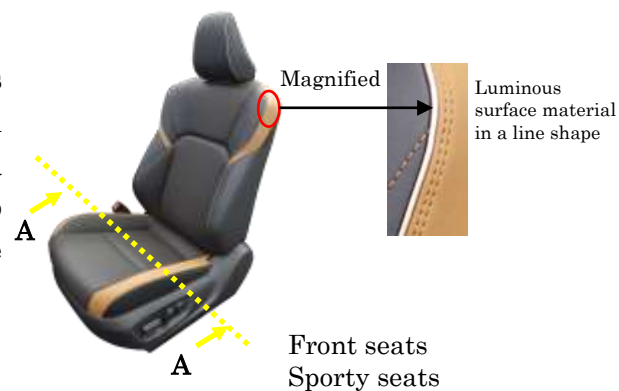
1. Seat

[Luxurious, stylish-looking seats with a focus on ride comfort befitting the new Crown (Crossover type)]

1. Adding to a high-quality interior feel

The seat surface material features a luminous decoration¹ that matches well with metal decorations in the door trims. It results in a unified interior feel. The seats are designed to catch the eye even from outside the vehicle through the windows, creating a sense of luxury.

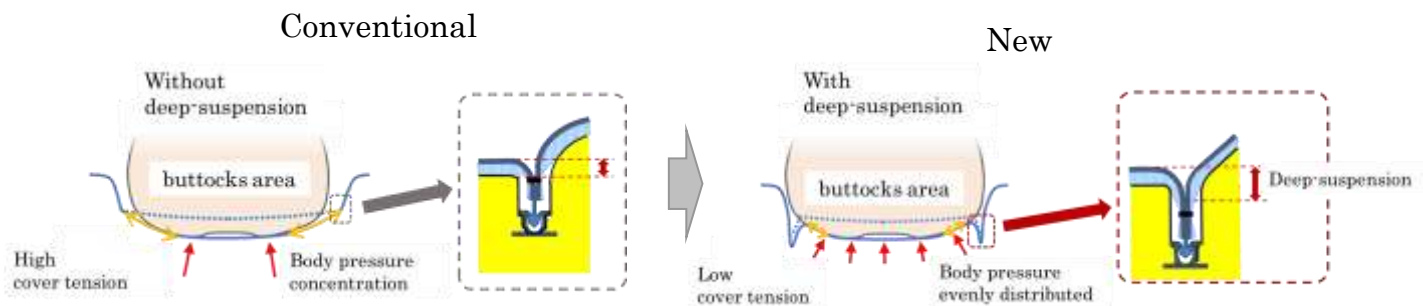
*1 CROSSOVER G, CROSSOVER RS grade



2. Better fit and better cushioning

1) The seats feature a deep-suspension structure designed to draw the seat cover in deeply, thereby improving cushioning by reducing the concentration of pressure on the buttocks area. In addition, the design emphasizes shadows, making it appear more three-dimensional for a refined, well-finished look.

[Front seats, A-A cross-sectional diagram]

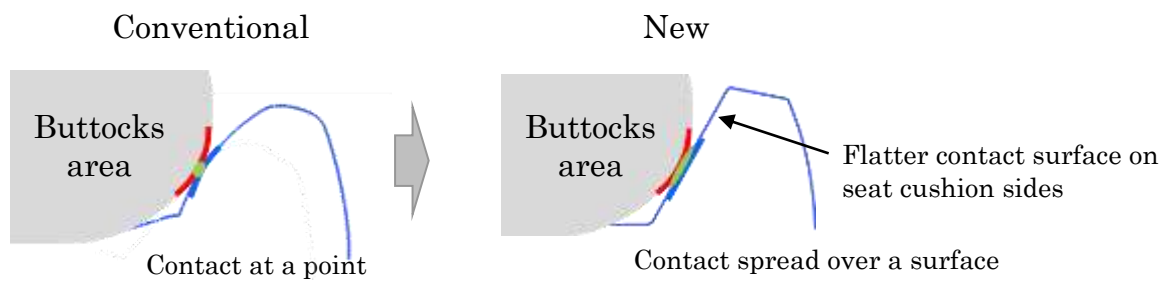


[Deep-suspension]

Pulls the overlapped seams of the seat cover surface material deep into the gap between the urethane pads

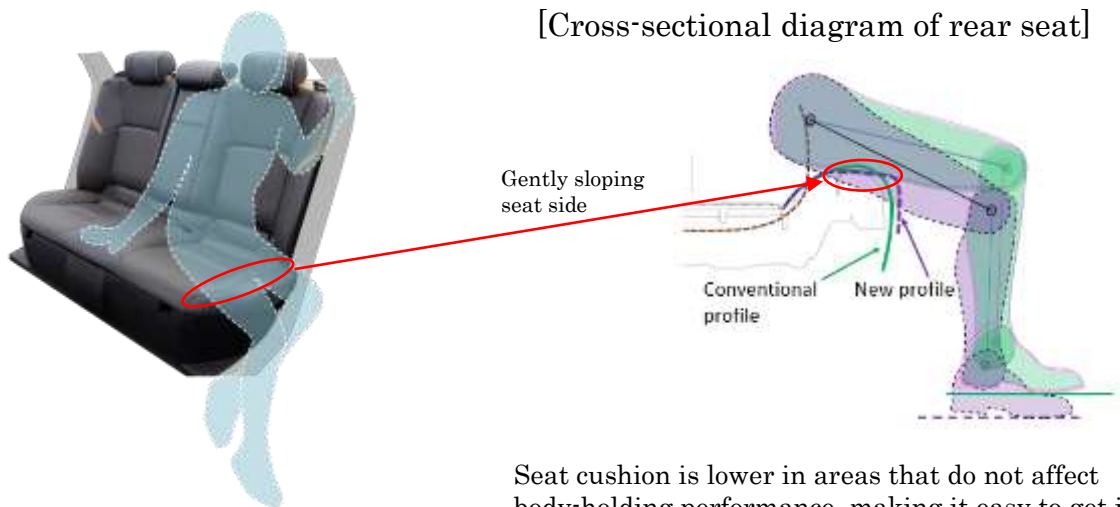
2) Flatter cushion sides

The shape and material of the front seat's cushion sides have been updated to improve fit by enlarging the contact area with the body.



3. Seats facilitate easier entry and exit of vehicle

The new seats match well with the new coupe-style Crown models. The rear seats hold passengers' bodies well, and the sides of the seats slope gently toward the outside of the vehicle. The result is that when getting in/out of the vehicle, the seat sinks bringing the passenger's leg closer to the ground as they increase pressure, enabling smoother and more elegant-looking entry and exit from the vehicle.



[Cross-sectional diagram of rear seat]

Gently sloping seat side

Conventional profile

New profile

Seat cushion is lower in areas that do not affect body-holding performance, making it easy to get in/out of the vehicle even from a high seating position.

2. Interior

【Door trim】

High-impact resistant plastic² is optimally incorporated in parts of the door trim. With the high-expansion-ratio foaming, it has achieved a weight reduction of approximately 20% over polypropylene base material, while maintaining the same degree of impact resistance.

*2 TAFMER™ CR-1202, jointly developed with Mitsui Chemicals, Inc.

High-impact resistant plastic details (in Japanese):

https://www.toyota-boshoku.com/jp/development/product_technology/foam/

In addition, a long door handle is used in the rear seat door trim. The door handles can be grasped in any desired position, contributing to a more comfortable entry and exit and opening and closing of the door.



long door handle
Conventional 106mm→New 213mm

【Package Trays】

Kenaf³, a plant material, is used as the base material which helps achieve carbon neutrality.

*3 A fast-growing annual plant that can be harvested in a short period of time. It is considered to have high CO₂ absorption capacity during growth.



Package Trays

3. Other featured products

Headliner, floor carpets, cabin air filter, oil filter, air cleaner, and more