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<https://truckbodybuilder.scania.com> (log in for access)

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Below you will find the latest information that is important to know when bodybuilding on a Scania vehicle.

For Scania contact in bodybuilding issues, see:

<https://bodybuilder.scania.com/trucks/en/help/market-contacts.html>

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## ELECTRICAL SYSTEM GENERATION 7 IN A NUTSHELL

During 2024 Scania is gradually ramping up the production of vehicles with the new Electrical system Generation 7 (variant code 9742B). Simultaneously Scania will introduce the new Digital Driver Environment (Smart Dash) and new traffic safety features in compliance with the UNECE General Safety Regulations (GSR).

This BBC News is a summary of the changes affecting bodybuilders regarding the new electrical system introduction. Bodybuilding Centre strives to publish relevant information in the Truck Bodybuilder Portal as soon as possible and meanwhile information is shared through the monthly BBC Newsletter publications.

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### • BODYWORK ELECTRICAL SYSTEM (BWE) IN NEW ELECTRICAL SYSTEM GENERATION

The Bodywork Electrical System (BWE) will to large extent remain unchanged from a bodybuilder perspective. This means in practice that following components and features of the bodywork electrical interface will remain unchanged:

- Cabin central electric unit for bodybuilders, P9
- Chassis central electric unit, P11
- Bodywork console (C259, C493, etc.)
- Bodywork Communication Interface (BCI)

When discussing electrical supply for the bodywork, the only change, affecting bodybuilders, will be the discontinuation of 12 V voltage supply from fuse positions in the cabin central electric unit P2. The impact of this change can nevertheless be mitigated with a 24/12 V voltage converter available as spare part from Scania.

Information about the 12 V voltage supply discontinuation and installation guidelines for the 24/12 V voltage converter will be published in the Truck Bodybuilder Portal and preliminary information can also be found in the following BBC Newsletter article:

[12V supply with the Scania Digital Driver Environment \(BBC Newsletter, December 2023\)](#)



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- **DIGITAL DRIVER ENVIRONMENT (SMART DASH)**

The most distinguishable feature in the vehicle will be the new Digital Driver Environment, the Smart Dash. The updated driver environment will gradually enable new ways of interacting with bodywork functions. For first introductions of the Smart Dash, the most significant changes are the new ways of handling bodywork indications, positioning of bodybuilder switches and the new camera interface. Information about the bodywork indications, switches and camera interface in Smart Dash can be found in following Truck Bodybuilder Portal sections and BBC Newsletter publications:

- [Indications in Scania's digital driver environment \(TBB instruction\)](#)
- [Switches in Scania's digital driver environment \(TBB instruction\)](#)
- [Bodybuilder light indications in the Smart Dash \(BBC Newsletter, November 2023\)](#)
- [Camera interface in the Scania's Digital Driver Environment \(BBC Newsletter, December 2023\)](#)

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- **GENERAL SAFETY REGULATIONS (GSR) AND CYBERSECURITY**

The United Nations Economic Commission for Europe (UNECE) has imposed new regulations to increase automotive cybersecurity and road user safety. The implementation of these regulations will be mandatory on all vehicles with first registration from July 2024.

The complete vehicle shall be compliant with the regulations at first registration and bodybuilder guidelines considering the new regulations will be provided in the Truck Bodybuilder Portal. However, the approval process for the bodywork, is exclusively handled between the bodybuilder and local market's type approval authorities. Scania has no responsibilities in the bodywork type approval process.

For more information, please see the following TBB and BBC Newsletter publications:

- [Cybersecurity and vehicle software update requirements \(TBB news article, September 2023\)](#)
- [Cybersecurity and vehicle software update requirements \(BBC Newsletter, September 2023\)](#)
- [General Safety Regulation 2024 \(BBC Newsletter, October 2023\)](#)
- [UNECE Regulation no 155 and 156 \(BBC Newsletter, February 2024\)](#)
- [Limitations on work with radars and optics \(TBB instruction\)](#)

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- **SCANIA WORKSHOP SUITE (SWS)**

A new web-based service market tool, SWS, is introduced for working with the new electrical system generation. This new cybersecure tool will be the only way to connect to vehicles with the new electrical system generation but will also be backwards compatible with the current electrical system generation 6 (variant code 9742A). SWS replaces SDP3 (Scania Diagnose and Programming tool) for all vehicles with electrical system generation 7.

Support and licensing for SWS and incorporated hardware VCI4 and WCU is handled by local Scania distributors. Preliminary information about the new tools can also be found in the following BBC Newsletter article:

- [Diagnose and Program on vehicles with new electrical system generation \(BBC Newsletter, January 2024\)](#)