Newsletter From Scania Bodybuilding Centre

https://truckbodybuilder.scania.com February 12, 2026

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:

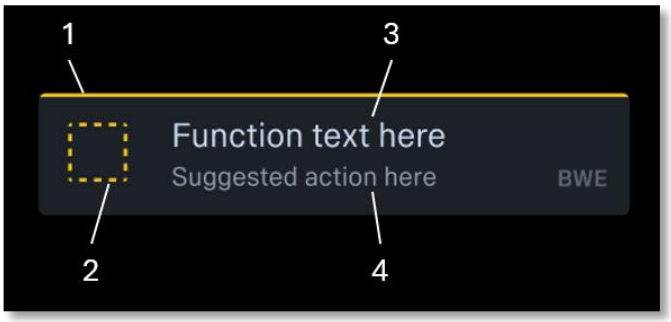
https://bodybuilder.scania.com/trucks/en/help/market-contacts.html

CUSTOMIZED MESSAGES FOR BODYBUILDERS

Customized display messages for bodybuilders will be introduced in the April 2026 software release for the Digital Driver Interaction Control Unit (DDU) on vehicles equipped with Electrical System Generation 7 (FPC9742B).

The new functionality allows bodybuilders to define customized messages that are displayed in the Driver Display. Following properties of the customized messages can be configured in the *Scania Workshop Suite (SWS):*

1. **Severity level (color):**
   – Information (white)
   – Warning (yellow)
   – Alarm (red)
2. **Symbol**
3. **Function text**
4. **Suggested action text**

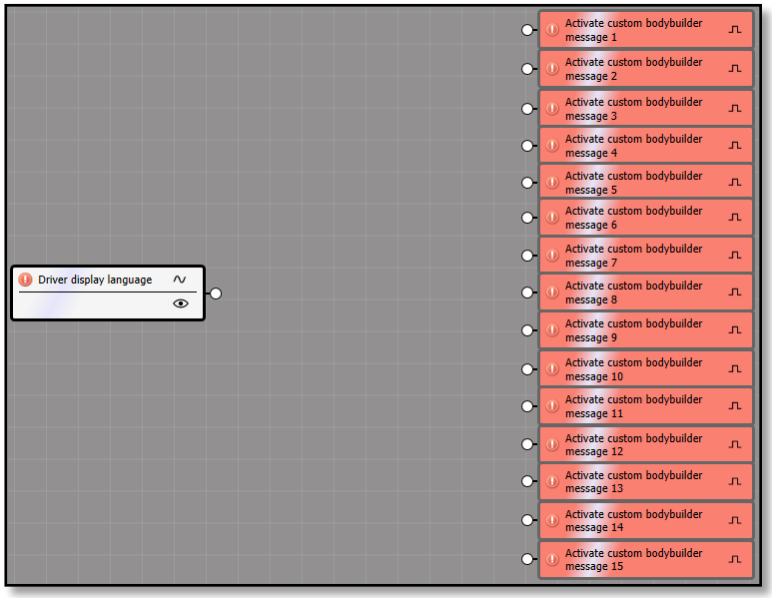


For customers operating in multilingual environments, customized messages can be created in multiple languages. Automatic language selection is supported through the language information signal, which will be introduced in both BICT and the external CAN interface together with the customized display messages functionality.

Activation of customized display messages can be requested via BICT logic or through external CAN interface for bodybuilders. The new BICT function request signals for customized messages and the language information signal is depicted in the picture.

The new signals will be available in **BICT version 2.69.2**, released on February 23rd.

Corresponding external CAN signals will be specified in the March 2026 release of the External CAN Communication Specification.



Additional information about customized messages will be published on the Truck Bodybuilder Portal closer to release. The material will be included in the section Indications in Scania's Digital Driver Environment (DIM).

Link to Bodybuilder Manual: Electrical systems / Function descriptions with connection instructions / Driver's information / Indications in Scania's digital driver environment (DIM)

Scania CV AB
SE-151 87 Södertälje, Sweden
www.scania.com

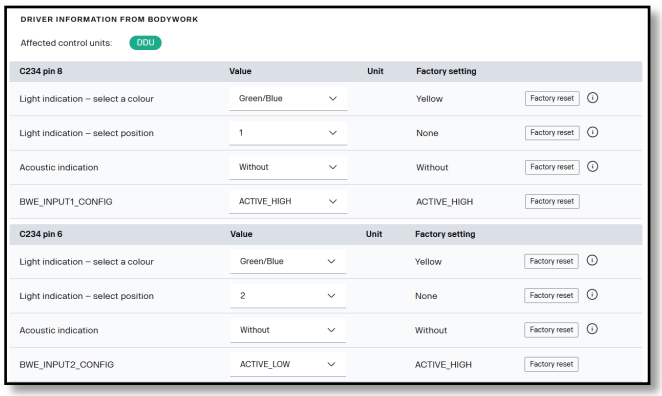
Phone +46 8 553 810 00 Fax +46 8 553 810 37
Registered in Sweden: No. 556084-0976
Registered Office: Södertälje, Sweden

DIRECT WIRE ACTIVATION OF BODYBUILDER INDICATION LAMPS VIA C234

An issue was reported in the BBC Newsletter (September 2024) regarding the following deviations related to direct wire activation of bodybuilder indication lamps via connector C234, pins 6 and 8:

- Not possible to change polarity of the input pins between Active High and Active Low with Scania Workshop Suite (SWS)
- Parameter settings in SWS for C234 pins 6 and 8 are mixed up – parameters for pin 6 affect pin 8 and vice versa.

These deviations are solved in 2026.02 software update for Digital Driver Interaction Control Unit (DDU).
New parameter settings (BWE_INPUT_CONFIG) have been added in SWS which allow the bodybuilders to switch the polarity of the C234 input pins between following values: **Active High, Active Low** and **Without**
The default setting for the pins is Active High. Below is depicted the parameter setting view for C234 input pins in SWS.



It is important to note that the interpretation of input states differ before and after the DDU update. Prior to the DDU update, an open load or high input signal (+24V) is interpreted as an active request, whereas a low (grounding) signal is considered as a non-active request. The interpretation of the input states after the DDU update is described in the table below.

C234 Input State	BWE_INPUT_CONFIG – Parameter Value		
	Without	**Active Low**	**Active High**
High	Inactive	Inactive	Active
Open	Inactive	Inactive	Inactive
Low	Inactive	Active	Inactive

Link to Bodybuilder Manual: Electrical systems / Function descriptions with connection instructions / Driver's information / Indications in Scania's digital driver environment (DIM)
Link to Bodybuilder Newsletter, September 2024: https://bodybuilder.scania.com/content/dam/bodybuilder/tbb-files/newsletter/BBC_Newsletter_September_2024.pdf

EC PTO – COMPANION FLANGE TORQUE UPDATED

Maximum allowable torque for EC PTO companion flanges depends on flange type, bolt property class, and tightening method. Using 10.9 bolts with torque + angle tightening allows higher torque capacity. However, for some flange sizes, the allowable torque is limited by the PTO's maximum torque, regardless of bolt strength.

Flange Type	Designation / Standard	Maximum PTO Torque Load (Nm) In Relation To Fastner Property Class			
		8.8 Tightening Torque	8.8 Tightening Torque + Angle	10.9 Tightening Torque	10.9 Tightening Torque + Angle
F1	SAE 1410	700	1000	950	1400
F2	DIN 90	300	500	450	650
F3	DIN 100	500	800	750	1100
F4	DIN 120	1350	PTO Maximum Torque		
F5	DIN 150	PTO Maximum Torque			
F6	SAE 1310	600	850	800	1200
F8	KV 120	PTO Maximum Torque			

Correct **bolt class, tightening method, and applicable standard** must be followed to achieve stated torque capacity and avoid joint failure.

The Bodybuilder Manual will be updated accordingly with full torque and tightening specifications.

Link to Bodybuilder Manual: Power take-offs and hydraulics / Power take-off / Connection for power take-off for GW gearboxes and electric powertrains