



<https://truckbodybuilder.scania.com>

April 25, 2023

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>

## AVAILABLE SDP3 PARAMETER SETTINGS FOR GEARBOX PTO CONTROL WITHOUT BCI

As stated in BBC newsletter released in December 2022, Transmission Management System (TMS) controlled power take-offs PTO EG and PTO EK will migrate from Bodywork Communication Interface (BCI) under Coordinator (COO) starting on June 2023 production.

This change means that BCI control

unit will not automatically exist in vehicle anymore when vehicle ordered with gearbox power take-offs or their electrical preparations.

When it comes to available power take-off parameter settings in SDP3, there are still a number of selectable activation conditions that are available for gearbox power take-offs even if BCI would be absent from the vehicle. The activation condition parameters that remain available are; Type of activation, Condition for neutral gear, Condition for reverse gear, Condition for parking brake, Upper / lower engine speed limit for activation, Upper / lower engine speed limit for deactivation and Upper / lower vehicle speed limit for deactivation.

In addition to the above-mentioned activation conditions it is also possible to set engine speed and torque limits for power take-off operation.

Concerning engine speed control during power take-off operation without BCI, the only available option is to use the hand throttle function with cruise control switches in the steering wheel. All other functions for engine speed control still require BCI.

<https://til.scania.com/d/bwm/22:10-606?lang=en-GB>

EG1 power take-off	
EG power take-off 1	Without
Type of activation	Manual
External activation conditions	Without
Conditions for neutral	Activate
Conditions for parking brake	Without
Conditions for reverse gear	Without
Upper engine speed limit for permitted activation	Without rpm
Lower engine speed limit for permitted activation	Without rpm
Upper engine speed limit for deactivation	Without rpm
Lower engine speed limit for deactivation	Without rpm
Upper vehicle speed limit for deactivation	Without km/h
Lower vehicle speed limit for deactivation	Without km/h
Engine speed limitation for power take-off	
Engine speed limitation for ED power take-off	3,000 rpm
Engine speed limitation for EG1 power take-off	3,000 rpm
Torque limitation for power take-off	
Torque limitation for ED power take-off	6,000 Nm
Torque limitation for EG1 power take-off	6,000 Nm

## SCANIA PARTS FOR BODYBUILDING

There are parts sheets available for all parts available to facilitate bodybuilding.

<https://bodybuilder.scania.com/trucks/en/tools-and-services/scania-parts-for-bodybuilding-.html>

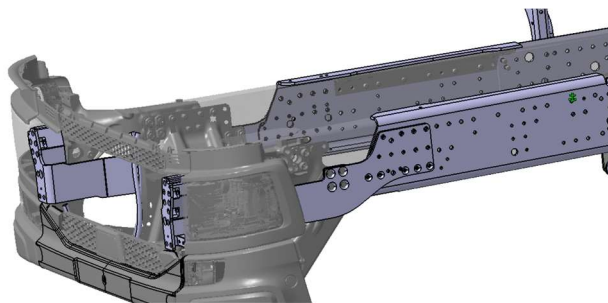


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## PREPARATION FOR 25 TONNES FRONT STABILIZER

When using front support stabilizers, the Scania chassis need to be reinforced for stabilizer load above 8 ton.

A preparation for 14 ton front stabilizers is previously available (Front stabilizer prep 14 ton) and now an additional preparation is introduced to be able to use 25 tonnes front stabilizer load (Front stabilizer prep 25ton-FPC8729).



The 25 ton front stabilizer preparation includes the 14 ton front stabilizer preparation with an additional 25 ton preparation including an extra attached reinforced frame outside existing side members in the front.

The bodybuilder can mount supporting leg in the front of the cab for up to 25 ton dynamic load. Bodybuilder must follow Scania bodybuilding instructions according "Requirements to withstand 18,000 kg supporting leg load" regarding how to mount the crane fundament and supporting legs to fulfil approved dynamic load.

See document for more information:

<https://til.scania.com/d/bwm/22:10-698?lang=en-GB>



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## MOVING OF THE FRONT RADAR

When mounting front support legs it might be necessary to move the front-mounted radar if the field of view for the radar cannot be met. As from vehicles delivered from Scania from June 2023 the Scania certifies will cover a moved position of the front radar as long as the dimensions in the bodybuilder instructions are followed.

See document for more information:

<https://til.scania.com/d/bwm/22:10-686?lang=en-GB>

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## EM PTO SUPPLIED IN TRANSPORT POSITION

It is possible to order the EM5P1 kit supplied in transport position from Scania. Cooling circuit and cables are not connected at delivery. Contact your market contact for more information

<https://til.scania.com/d/bwm/22:10-871?lang=en-GB>

