



## Introduction

This document describes the parameters linked to sight and visibility. Only parameters that are considered useful for bodybuilders are listed.

The parameters and settings available for a specific vehicle depend on the vehicle specification from the factory. Contact a Scania workshop for full details of the current parameters.

The parameters are stored in the vehicle's various control units and can be adjusted using SDP3 for Bodybuilders (Scania Diagnosis & Programs 3).

## SDP3 for bodybuilders

SDP3 has different access levels. A complete access level is normally used by Scania workshops for troubleshooting, repair and adjusting parameters.

SDP3 for Bodybuilders has a limited access level with custom functionality. Examples of functionality in SDP3 for Bodybuilders:

- Adjusting parameters.
- Activating functions.
- Transfer the .BIC files over from BICT (Bodywork Interface Configuration Tool) to the vehicle.

Bodybuilders that do not have access to SDP3 for Bodybuilders can seek assistance with adjusting parameter settings from a Scania workshop.

*More information on ordering parameter adjustments can be found in the document "Entry list – Driver's information".*

## Lighting

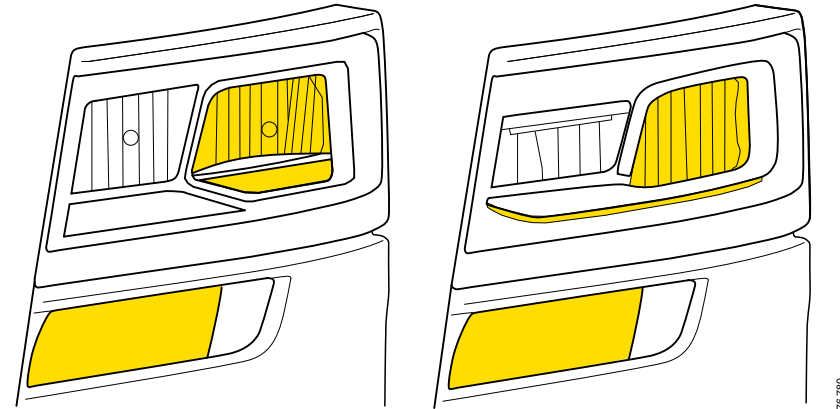
### Daytime running light settings

This parameter controls which lamps are to be used as daytime running lights.

Possible values:

- Without: No daytime running lights
- Dipped beam with position lamps.
- Dipped beam or foglights with position lamps.
- Dedicated LED.
- Dedicated LED with position lamps.

Factory setting: Depends on vehicle specification.



*Daytime running lights in H7 headlamp and LED headlamp.*

## Spotlight control

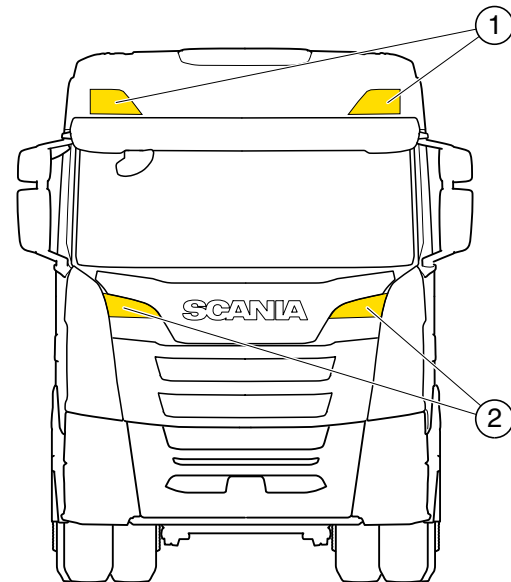
This parameter controls which spotlights should come on.

Possible values:

- Option 1 – The spotlights on either the roof or front grille panel come on, but never at the same time.
- Option 2 – The spotlights on both the roof and the front grille panel come on.

Factory setting: Option 1

*More information can be found in the document “Spotlamps”.*



1. Spotlights in roof.

2. Spotlights in front grille panel.

## Spotlight during remote activation of main beam

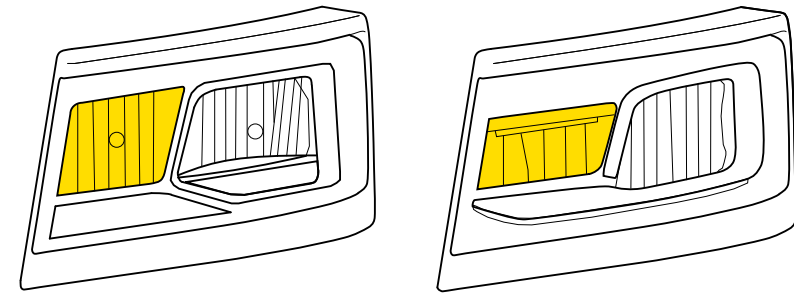
This parameter controls whether spotlights should also be activated during remote activation of the main beam.

Possible values:

- On – Both the spotlights and main beams are activated during remote activation of the main beam.
- Off – Only the main beams are activated during remote activation of the main beam.

Factory setting: Without

*More information can be found in the document “Remote activation of visibility and lighting functions”.*



*Main beam in an H7 headlamp and LED headlamp.*

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## Type of plough lighting

This parameter controls the type of headlamp to be used as the plough lamp.

Possible values:

- 1-filament lamp, e.g. H1 or H7.
- 2-filament lamp, e.g. H4.

Factory setting: 2-filament lamp

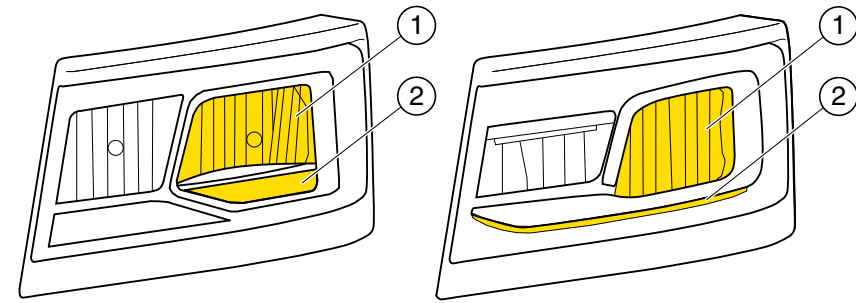
## External convenience lighting

This parameter controls the external convenience lighting for a parked vehicle. The dipped beam (1) or parking light (2) can be activated for a short time after the vehicle is parked, see figure.

Possible values:

- Deactivated
- Activated

Factory setting: Activated



*H7 headlamp and LED headlamp.*

*1. Dipped beam.*

*2. Parking light.*

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## Activation

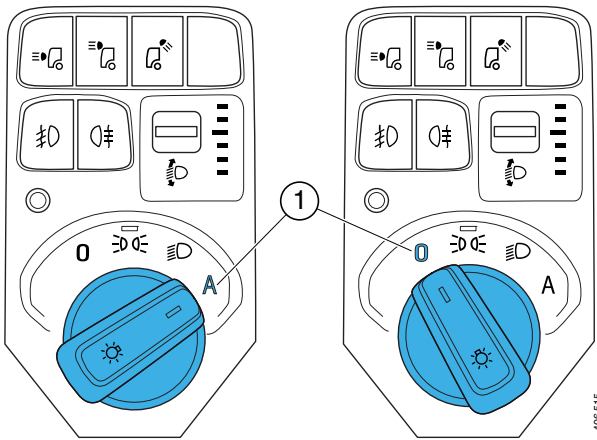
The function is activated with the direction indicator lever.

When the driver turns the starter key to the lock position (2) and the rotary headlamp control to position 0 or A (1), the control unit will be active for 10 seconds. During this time the function can be activated. The function stays active for 40 seconds after activation before deactivating automatically.

Direction indicator lever position	Lights that come on
Direction indicator, right	Dipped beam
Direction indicator, left	Parking lights
Main beam flasher	Dipped beams and parking lights

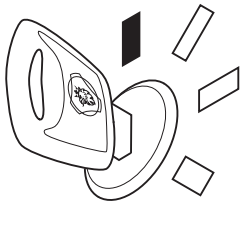
### Note:

- If the starter key has been turned to the locked position and the rotary headlamp control to position 0 or A for longer than 10 seconds, the function cannot be activated.
- The function will not be activated in park or dipped beam mode.



Rotary headlamp control.

1. Position 0 and position A.



2. Starter key in lock position.

## Work light

### Work lights simultaneously with reversing lights

This parameter controls whether the work lights and fifth wheel lamps are to be used simultaneously with the reversing lights.

Possible values:

- On – Work lights, fifth wheel lamps and reversing lights come on when reverse gear is engaged. The function is activated and deactivated by holding the work light switch in for 3 seconds.
- Off – Only reversing lights come on when reverse gear is engaged.

Factory setting: Without

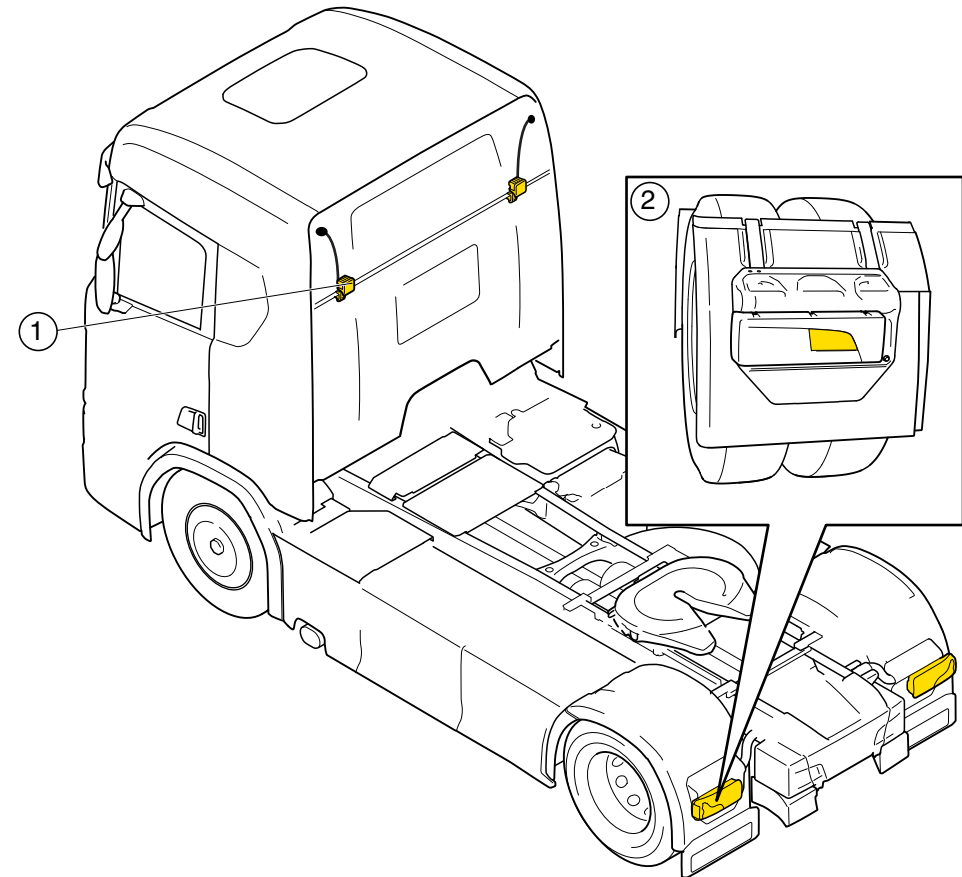
### Switching work lights off at a set speed

This parameter controls whether the work lights switch off automatically when the vehicle exceeds a certain speed.

Possible values:

- 8-91 km/h

Factory setting: 10 km/h in Brazil. 20 km/h in the rest of the world.



1. Work lights.

2. Reversing lights.

## Indication

### Alternating main beam flashing

This function allows alternating main beam flashing. The function has 2 positions, position 1 and position 2, which can be individually configured and activated.

*More information about activating and connecting alternating main beam flashing can be found in the document “Alternating main beam flashing”.*

### Spotlight flashing

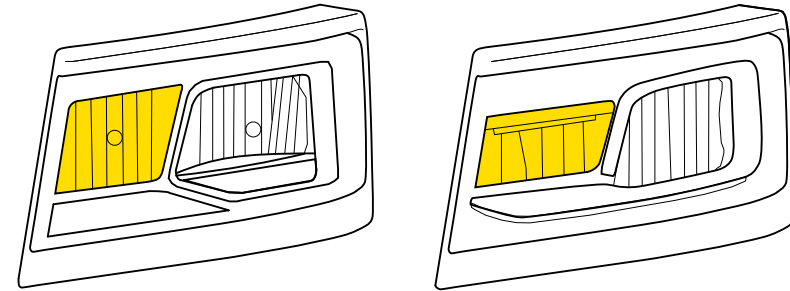
This parameter controls whether the spotlights should also flash when alternating main beam flashing is activated.

Possible values:

- On – Both the spotlights and main beams flash when alternating main beam flashing is activated.
- Off – Only the main beams flash when alternating main beam flashing is activated.

Factory setting:

- Off for position 1
- On for position 2



*Main beam in an H7 headlamp and LED headlamp.*

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## Flash frequency

This parameter controls the frequency at which the main beams and any spotlights should flash during alternating main beam flashing.

Possible values:

- 1 Hz
- 1.25 Hz
- 2.50 Hz
- 5.00 Hz

Factory setting:

- 1.25 Hz for position 1
- 2.50 Hz for position 2

## Simultaneous or alternating main beam flashing

This parameter controls whether the left-hand and right-hand main beams flash simultaneously or alternately.

Possible values:

- Simultaneous
- Alternating

Factory setting:

- Simultaneous for position 1
- Alternating for position 2



## Side marker lamps

This parameter controls whether the side marker lamps should illuminate slightly between flashes when the direction indicator is activated. This function only works with lamps that are compatible with PWM signals. If other lamps are used, this value must be set to Off.

Possible values:

- On – The side marker lights will illuminate slightly between flashes when the direction indicator is activated.
- Off – The side marker lights will switch off between flashes when the direction indicator is activated.

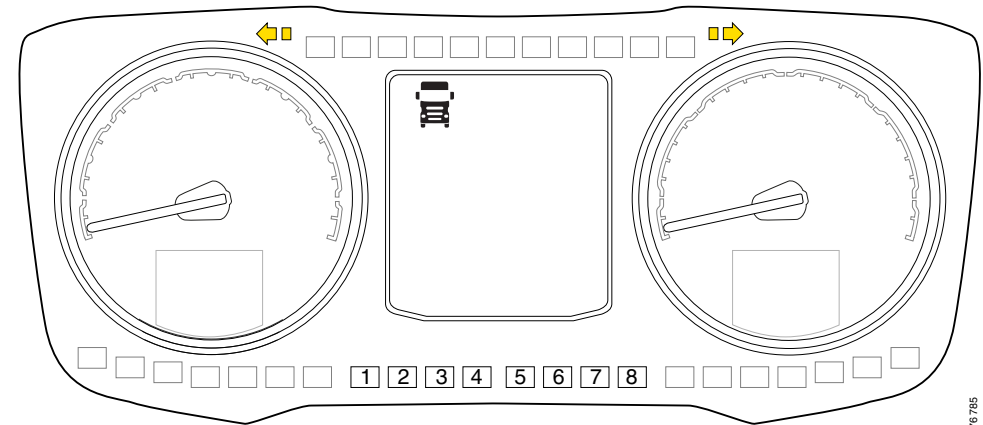
Factory setting: With



## Current limit, front direction indicators

This parameter controls the limit value for current if the number or type of front direction indicators is changed. If any of the front direction indicators fails, this is indicated by the direction indicator warning lamp in the instrument cluster (ICL, Instrument Cluster) switching off. The parameter is required for the direction indicators in the instrument cluster (ICL) to work.

The value the parameter should be set to can be identified by connecting the vehicle to SDP3 for Bodybuilders and following the instructions.



*Direction indicators.*