**Parameters – Driver’s information**

**Introduction**

This document describes the parameters that are linked to the driver’s information in the instrument cluster (ICL). Only parameters that are considered useful to the bodybuilder 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 full 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”.*

More information about the bodywork information that can be displayed in the instrument cluster can be found in the document “Bodywork information in the instrument cluster”.

An order form with an entry list to record current or desired settings can be found the document “Entry list – Driver’s information”.

1. Display.
2. Indicator lamps.
Light indications

Vehicles with and without BCI functionality

Signals for light indications are connected via harness-to-harness connector C234. In this case, two optional indicator lamps can be activated. Select the indicator lamp’s position and light indication type using the parameter settings in SDP3 for Bodybuilders.

More information about the bodywork functions that can be displayed in the instrument cluster can be found in the document “Bodywork information in the instrument cluster”.

Parameters

Signal type

This parameter specifies whether the signal is coming from +24 V or ground.

Possible values:

- Active low, activation via ground connection
- Active high, activation via +24 V

Factory setting: Active low
Parameters – Driver’s information

Light indication – select colour
This parameter specifies the colour the indicator lamp lights up with.

Possible values:
• Alarm, red
• Warning, yellow
• Status, blue
• Information, green

Factory setting: Yellow

Light indication, position
This parameter specifies the indicator lamp to be activated.

Possible values:
• Off
• 1-8

Factory setting: Off
Vehicles with BCI functionality

Signals for light indications can be connected via harness-to-harness connector C259.

Up to eight indicator lamps can be used depending on the vehicle specification. The position and various light indication types of indicator lamps can be selected as functions in BICT. In this case, there are no parameters to adjust.
Display messages

The vehicle must be fitted with BCI functionality to be able to display the bodywork information using display messages.

More information about the bodywork functions that can be displayed in the instrument cluster can be found in the document “Bodywork information in the instrument cluster”.

Fixed messages

Different types of fixed display messages can be selected as functions in BICT. In this case, there are no parameters to adjust.
Variable information

There is support for displaying six different pages of variable information on the display:

- Two pages can display variable information from the truck
- Two pages can display variable information from trailer 1
- Two pages can display variable information from trailer 2

Each page can display one type of information with values from two sensors.

An example with six pages showing variable information from various parts of the vehicle. The variable information is displayed in green digits and the reference value is displayed in brackets in white digits.
Parameters – Driver’s information

Parameters

Auxiliary indications for bodybuilders in main display
Under the bodybuilder menu, parameters can be found that specify which pages should be active.

Truck – Pages 1 and 4
Possible values:

- Inactive
- Gas flow (kg/h)
- Level (ft)
- Level (m)
- Percent
- Temperature (°C)
- Temperature (°F)
- Pressure (bar)
- Pressure (kPa)
- Pressure (psi)
- Weight (kg)
- Volume (L)
- Volume (gal) (UK)
- Volume (gal) (US)
- Volume flow (gal/h) (UK)
- Volume flow (gal/h) (US)
- Volume flow (l/h)

Factory setting: Inactive
Parameters – Driver’s information

Trailer 1 – Pages 2 and 5

Possible values:

- Inactive
- Gas flow (kg/h)
- Level (ft)
- Level (m)
- Percent
- Temperature (°C)
- Temperature (°F)
- Pressure (bar)
- Pressure (kPa)
- Pressure (psi)
- Weight (kg)
- Volume (L)
- Volume (gal) (UK)
- Volume (gal) (US)
- Volume flow (gal/h) (UK)
- Volume flow (gal/h) (US)
- Volume flow (l/h)

Factory setting: Inactive
Parameters – Driver’s information

Trailer 2 – Pages 3 and 6

Possible values:

- Inactive
- Gas flow (kg/h)
- Level (ft)
- Level (m)
- Percent
- Temperature (°C)
- Temperature (°F)
- Pressure (bar)
- Pressure (kPa)
- Pressure (psi)
- Weight (kg)
- Volume (L)
- Volume (gal) (UK)
- Volume (gal) (US)
- Volume flow (gal/h) (UK)
- Volume flow (gal/h) (US)
- Volume flow (l/h)

Factory setting: Inactive
Parameters – Driver’s information

Tachograph information display

Driver card warning
Controls whether a warning message should be displayed when the vehicle is driven without a driver card in the tachograph.

Possible values:
- On
- Off

Factory setting: On
Acoustic indications

To play sounds, use the control guide “Controlling sounds and loudspeakers in BICT”.

More information about the bodywork functions that can be displayed in the instrument cluster can be found in the document “Bodywork information in the instrument cluster”.

Vehicles with and without BCI functionality

Signals for acoustic indications are connected via harness-to-harness connector C234. In this case, only two optional acoustic indications can be activated. Select the type of acoustic indication using the parameter settings in SDP3 for Bodybuilders.

Parameters

Acoustic indication

This parameter specifies the type of acoustic indication to be used.

Possible values:

- Off
- Alarm – continuous
- Warning 1
- Warning 1 – continuous
- Warning 2
- Warning 2 – continuous

Factory setting: Off
Vehicles with BCI functionality

Signals for acoustic indications are connected via harness-to-harness connector C259.

Various types of acoustic indication can be selected for the functions in BICT. In this case, there are no parameters to adjust.
Connecting alarm sensors

Alarm sensors are connected in the same way irrespective of whether the vehicle is equipped with BCI functionality or not.

There are six types of alarm sensor that can be connected to the alarm system control unit.

• Type 1 – grounding micro switch
• Type 2 – grounding micro switch with serial resistor
• Type 3 – grounding micro switch with resistance coding
• Type 4 – reconnecting micro switch
• Type 5 – fed back micro switch with serial resistor
• Type 6 – fed back micro switch with resistance coding

The type of alarm sensor to be used can be set using the parameter settings in SDP3 for Bodybuilders.

More information can be found in the document “Connecting alarm sensors”.
Parameters – Driver’s information

Parameters

Additional sensor 1
Possible values:
• On – types 4, 5 and 6
• Off
Factory setting: Off

Additional sensor 2
Possible values:
• On – types 4, 5 and 6
• Off
Factory setting: Off
Connecting alarm sensors

Parameters – Driver’s information

**Extra sensor 3**
Possible values:
- On – types 4, 5 and 6
- Off

Factory setting: Off

**Cargo area door sensor**
Possible values:
- On – types 1, 2 and 3
- Off

Factory setting: Off

**Activated alarm**
Possible values:
- On
- Off

Factory setting: Off

**Alarm triggered**
Possible values:
- On
- Off

Factory setting: Off