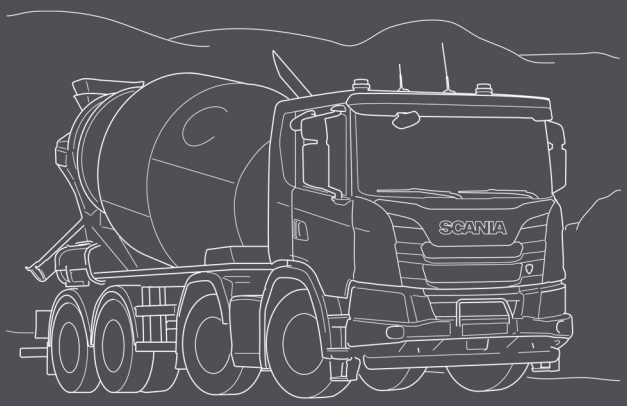
SCANIA

CONCRETE MIXER

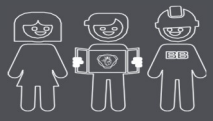
BODYBUILDING MADE EASIER!

Tailormade for your application with best preparations available.

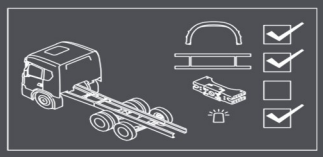


BUILDING PROCESS

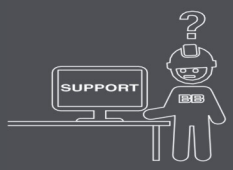
”Together we can make the best trucks in the world”



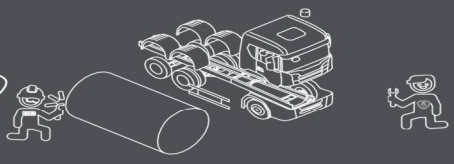
The bodybuilding process is a shared process. By involving all stakeholders from the beginning, we secure quality, reduce lead time and eliminate waste.



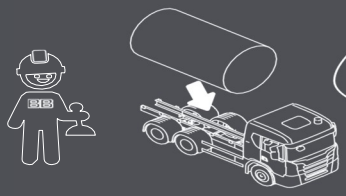
The early stage is very important. Here we make sure the chassis is equipped with the right preparations and has an optimized bodywork interface.



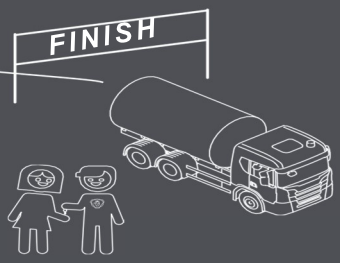
Whenever information is required, Scania truck bodybuilder portal has everything you need.



With good planning the chassis and bodywork can be produced in parallel to shorten lead time in the build process.



When the chassis arrives at the bodybuilder, fitting the bodywork is just plug and play.



This process ensures that we deliver the highest quality, on time, at the right cost. And the customer will take delivery of the best truck in the world.

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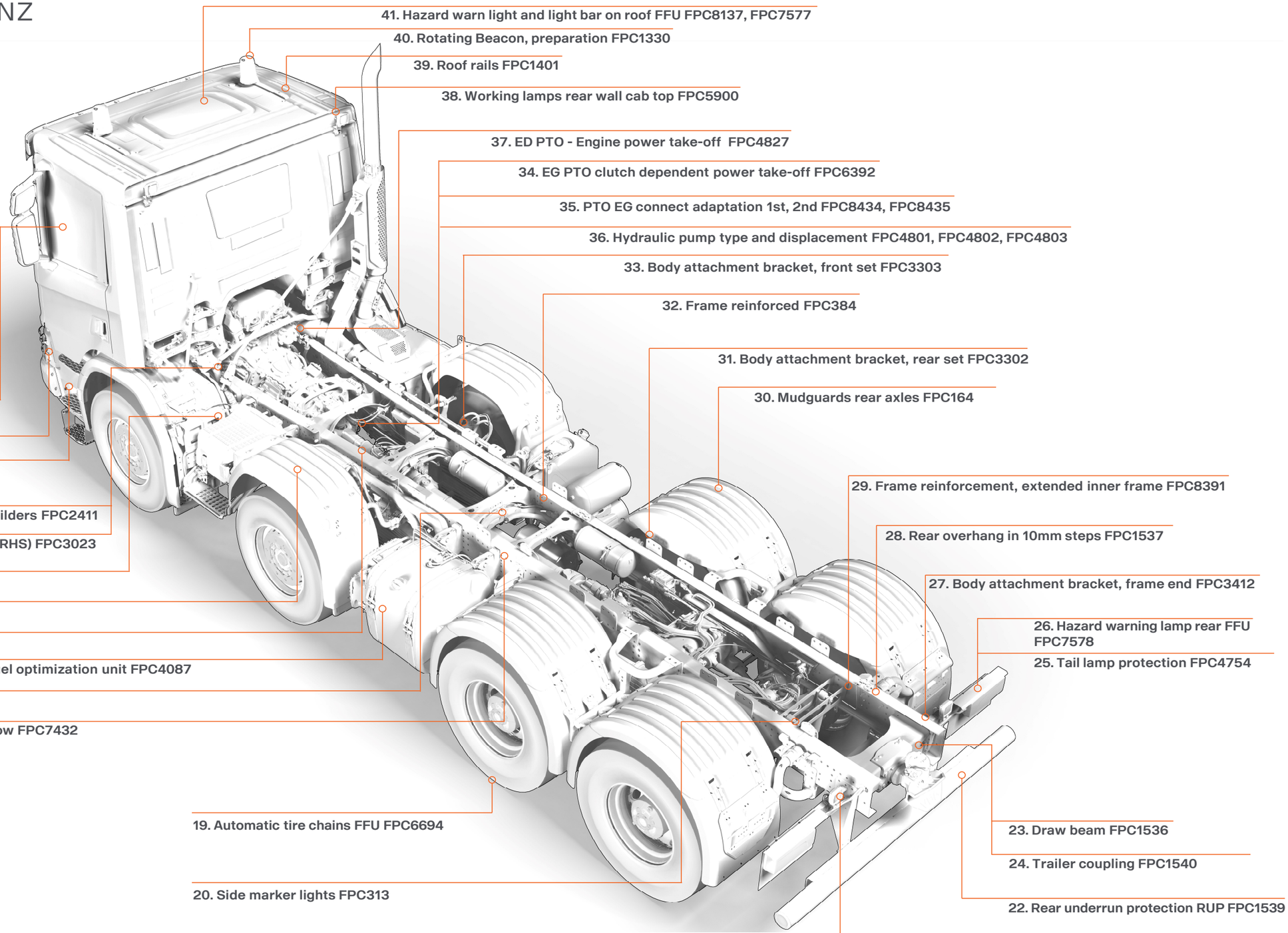
Truck specification

Chassis: P 460 B8x4NZ
Cab: CP14L



1. BCI Bodywork communication interface FPC5837
2. Cable harnesses in cab roof FPC3024
3. Bodybuilder tube across IP*
4. Camera system FFU FPC3832
5. Instrument panel control lights bodybuilder FPC3888
6. Cable harness for switches IP FPC3314
7. Programmable switches FPC7682
8. CAN switches FPC6793
9. Headlight protection FPC2021
10. Working lamp in cab boarding step FPC8989
11. 3x7- pin pre-routed cable harness for bodybuilders FPC2411
12. 3x7 poles bodybuilder cables (in cab storage RHS) FPC3023
13. Bodybuilder electrical supply, max 250A*
14. Mudguards 2nd front axle FPC4050
15. Lowered steering linkage 2nd front axle*
16. Fuel tank with D-shaped cross section and fuel optimization unit FPC4087
17. Air supply inside frame A*
18. Body work holes in frame, Pre punched top row FPC7432
19. Automatic tire chains FFU FPC6694
20. Side marker lights FPC313
21. Working lamp frame end, left-hand and right-hand side FPC4743
22. Rear underrun protection RUP FPC1539
23. Draw beam FPC1536
24. Trailer coupling FPC1540
25. Tail lamp protection FPC4754
26. Hazard warning lamp rear FFU FPC7578
27. Body attachment bracket, frame end FPC3412
28. Rear overhang in 10mm steps FPC1537
29. Frame reinforcement, extended inner frame FPC8391
30. Mudguards rear axles FPC164
31. Body attachment bracket, rear set FPC3302
32. Frame reinforced FPC384
33. Body attachment bracket, front set FPC3303
34. EG PTO clutch dependent power take-off FPC6392
35. PTO EG connect adaptation 1st, 2nd FPC8434, FPC8435
36. Hydraulic pump type and displacement FPC4801, FPC4802, FPC4803
37. ED PTO - Engine power take-off FPC4827
38. Working lamps rear wall cab top FPC5900
39. Roof rails FPC1401
40. Rotating Beacon, preparation FPC1330
41. Hazard warn light and light bar on roof FFU FPC8137, FPC7577

*Always on truck

Bodybuilding Made Easier – Additional Information

More options and detail information can be seen in TBB portal

1	BCI is a programmable interface which is facilitating communications between truck and bodywork. The BCI can be programmed with advanced logics for safety and other operational functionality in the bodywork (FPC5837)
2	Extra harnesses for bodybuilder installed in cab roof (FPC3024)
3	All trucks are supplied with an empty tube inside the instrument panel, dedicated for the bodybuilder
4	Scania can offer many different options from factory for front and rear-view cameras to suit a variety of applications (FPC3832)
5	There are many options for the bodywork to provide the driver with information, 8 lamps, sound and display messages in the instrument cluster (FPC3888)
6	Extra harness for additional switches (FPC3314)
7	Programmable switches makes it possible to program different switches via Scania bodywork interface configuration tool (BICT) (FPC7682)
8	Spaces in the instrument panel are reserved for extra switches that are programmed in the BCI control unit (FPC6793)
9	The headlamp is protected by a steel grille (FPC2021)
10	LED working lamps that are secured to the front right, left-hand or both side at the boarding step of the cab in order to illuminate the area adjacent to the truck (FPC8989)
11	Pre-routed cable harness from the bodywork's central electric unit in the cab to the chassis frame which makes it easier for the bodybuilders to have external access to the bodywork's central electric unit (FPC2411)
12	Three 7-pin extension cable for connecting equipment on the frame in three different lengths; 2m, 8m or 12m (FPC3023)
13	All trucks are supplied with a dedicated electrical output, located behind the mudguard of the 1st front axle
14	The mudguard for the second front axle can be adjusted vertically. Possible to be adjusted in three positions in order to suit the bodywork and tires (FPC4050)
15	With the new design, Bodybuilder have much more clearance in this area
16	New D-shaped fuel tank range provides increased fuel capacity, reduced weight, improved robustness and easier serviceability. A Fuel optimization unit (FOU) is attached to the new D-shaped fuel tank to ensure that as much fuel as possible can be utilized from the tank (FPC4087)
17	A dedicated outlet for bodybuilder who needs to have air for bodywork is included on every chassis. This is the one and only place allowed to connect air supply to bodywork
18	Frame prepared with an upper row of holes. The holes are spaced at 50 millimeters and are used to attach the bodywork to the frame of the truck (FPC7432)
19	Automatic tire chains are used for increased traction in slippery conditions. The adaptation consists of a holder for pneumatic cylinders, routing of air and electricity, and a switch (FPC6694)
20	Increase road safety by making it easier for other road users to notice the vehicle, available in fix or temporarily fitted (FPC313)
21	Work lights aimed backwards on the left and right-hand sides below the cab. Controlled with a switch on the door panel (FPC4743)
22	Rear underrun protection available in 3 different styles/executions, that meets UN ECE R58 with the supplement 03 (FPC1539)
23	Scania draw beams have hole layouts that allow a draw beam, under-run protection and body adaptation brackets to be mounted in a wide variety of positions (FPC1536)
24	A towing unit (coupling) is required in order to tow a trailer after the truck. it is fitted in the truck's draw beam (FPC1540)
25	The robust rear light protection is suitable for trucks operating in tough conditions (FPC4754)
26	Fitting of 2 amber LED hazard warning lamps at the rear end of the chassis on the left and right-hand side (FPC7578)
27	Scania can offer many different body attachment brackets to suit a variety of applications. The bodywork attachment is bolted into the upper row of holes on the chassis frame. The rear end of the chassis frame comprises the area from where the rear section ends to the rear edge of the chassis frame (FPC3412)
28	Scania can deliver a perfect adapted overhang to every bodywork within 10 mm steps (FPC1537)
29	Extended inner frame reinforcement towards the rear end of the frame is to increases torsional rigidity and section modulus for the rear overhang (FPC8391)
30	Mudguards made of hard plastic designed for the rear axle/axles (FPC164)
31	The rear section comprises the area from where the front section ends to 300-600 mm from the rear edge of the chassis frame (FPC3302)
32	The rear section of the frame is reinforced to enable it to carry a rear-mounted crane (FPC384)
33	The front section of the chassis frame comprises the area from the center of the foremost front axle to approx. 3,000 mm behind the front axle (FPC3303)
34	Gearbox mounted PTO are clutch dependent These PTO can only be used when the clutch pedal is released (FPC6392)
35	Selection of output flanges for PTO. If a double output PTO is specified, different flange types can be chosen for lower and upper connection (FPC8434, 8435)
36	Hydraulic pump type and volume can be selected to fit different needs/applications (FPC4801, 4802, 4803)
37	Engine mounted PTO located at the rear end of the engine (FPC4827)
38	The work light consists of two LED headlamps fitted on the left and right-hand sides of the rear cab wall (FPC5900)
39	The roof rails are in aluminum which simplifies the fitting of an air deflector, roof rack and other extra equipment (FPC1401)
40	Preparation for rotating beacon. The preparation includes pre-routed cable harness to plugged holes in the cab roof and a switch installed in the cab. Order suitable warning lamp via accessories (FPC1330)
41	Installation of two LED-lamps or one rotating beacon fitted on the right-hand side of the cab roof (FPC8137, 7577)

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