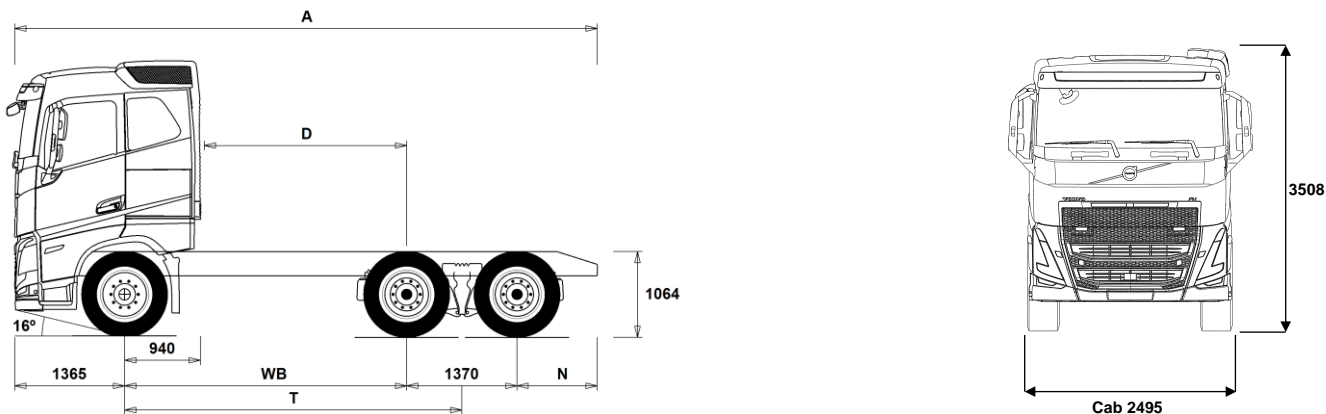


MODEL RANGE

New FH13 6x4 Tractor Air Suspension FH 64T 3A



Chassis Dimensions [mm]

WB Wheelbase	3000	3100	3200	3400	3600
A Overall Chassis Length	6730	6830	6930	7130	7330
D Center of rear axle to back of cab	2010	2110	2210	2410	2610
N Rear Overhang (Min.)	805	805	805	805	805
N Rear Overhang (Max.)	995	995	995	995	995
T Theoretical Wheelbase	3685	3785	3885	4085	4285

Chassis Weights [kg]

Front Axle	4690	4700	4710	4735	4755
Rear Bogie	3600	3595	3595	3595	3595
Kerb Weight	8290	8295	8305	8330	8350

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13300	13600	13900	14500	15100
Turning Circle Diameter Wall to Wall	14700	15000	15300	15900	16500

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	23000	28100
Gross Combination Weight	42500	44000
Front Axle	6500	7100
Rear Bogie	16500	21000

Important Notes

Chassis Dimensions

Cab Height: +305 mm for CAB-HSLP, -285 mm for CAB-LSLP, +450 mm for CAB-XHES, +450 mm for CAB-XHSL.

Front Axle to Back of Cab: +141 mm for CAB-LSLP, +674 mm for CAB-XHES.

D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.

Height change when chassis height CHH-MED,FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5
 Drive Axle Tyres: 315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary ± 3%.

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FH64T3A.

MODEL RANGE

New FH13 6x4 Tractor Air Suspension FH 64T 3A

Truck use

- **RC-ROUGH** Operating class on/off road
- **RC-SMOOTH** Well maintained surfaced roads >95% driving distance

Core components

- **CHH-HIGH** Chassis Height (high) approx. 1025-1050mm (depending on tyre selection)
- **CHH-MED** Approximate chassis height 900 mm
- **RADD-GR** Rear air suspension
- **FH-LSLP5** Low Sleeper cab
- **FH-SLP5** Sleeper cab
- **FH-XHES5** New Globetrotter XXL Cab
- **FH-XHSL5** Globetrotter XL cab
- **EU5SCR-M** Eu5 SCR Selective Catalytic Reduction (mandatory)
- **EU6SCR** Eu6 SCR (Particulate Filter + EGR) Turbo Single Stage
- **D13S500A** Eu6 Fuelface 13 litre 500hp engine
- **D13S540A** Eu6 Fuelface 13 litre 540hp engine
- **D13C500** Engine, 13C litre, 500hp, 2500nm
- **D13C540** Engine, 13C litre, 540hp, 2600nm
- **D13K500** Eu6 13 litre engine 500hp/2500nm/368kW
- **D13K540** Eu6 13 litre engine 540hp/2600nm/397kW
- **EBR-VEB+** Volvo Engine Brake + (VEB+)
- **AT2612F** Volvo I-shift-12 speed automatic transmission (2600nm)
- **SPO2812** Volvo Dual Clutch I-shift - 12 speed semi power shift with overdrive (2800nm)
- **ASO-C** Crawler gears
- **ASO-ULC** Ultra low crawler gears
- **RVC1** Australian road friendly certification
- **RTH2610B** Volvo RTH2610B hub reduction rear axles
4 planet gears per hub
Axle rating: 26,000 kg
115 tonne train weight
(Application approved)
- **RTS2310A** Single reduction tandem 23t GCW100t
- **RTS2370B** Single reduction tandem 23t GCW70t

Packages

- **INFODF** Information Platform with Dynafleet Support
- **INFOMED** Information Platform-Medium
- **INFONDF** Information Platform with Navigation & Dynafleet Support

Chassis

- **FST-PAR** Parabolic leaf spring front suspension
- **FST-PAR3** 3 leaf parabolic front springs (stiffer than normal)
- **FAL6.5** Front axle load 6.5 tonnes
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FSTAB** Front stabilizer, normal stiffness
- **FSTAB2** Front stabiliser bar increased stiffness
- **FSTAB3** Heavy duty front stabiliser bar
- **RAL17** Rear axle load 17 tonnes
- **RAL21** Rear suspension load rating: 21,000 kg
- **RSTAB3** Heavy duty rear stabiliser bar
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-PS** Dynamic steering active features with personal settings
- **EBS-MED** Electronic Brake System (EBS) contains
ABS, Traction control, Hill start aid
Diff lock control, Brake assist
Wheel brake monitoring, EBS status
- **TRCO-12V** 24v to 12v trailer lighting voltage converter
- **TABS-12** 24v to 12v trailer ABS voltage converter
- **FST7070** Frame section thickness 7mm
- **FST8080** Frame section thickness 8mm

■ Standard Equipment □ Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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- **FIL-TXEB** Liner (inner) - trans x-mem to end of bogie
- **BBOX-AC** Across frame battery box
- **2BATT225** 2x225 Ah batteries
- **BATTAMP** Battery amperage indicator (in the DID)
- **MSWI-C** Isolation toggle switch LHS of chassis
- **MSWI-R** Isolation switch on key fob (press door lock twice to isolate)
- **R385A71S** RHS 385 litre alloy fuel tank with steps
Min volume 180l
Max volume 690l
- **L415A71S** LHS 415 litre alloy fuel tank with steps
Min volume 415l
Max volume 690l
- **ADTP-BC** AdBlue tank position - RHS behind cab
- **ADTP-L** AdBlue tank position - LHS
- **ADTP-M** AdBlue tank position - Underbelly
- **ADTP-R** AdBlue tank position - RHS
- **ADB064** AdBlue tank 64 litres
- **ADB065** AdBlue tank 65 litres
- **ADB090** AdBlue tank 90 litres
- **ADB150** AdBlue tank 150 litres (underbelly)
- **ADB190** AdBlue tank 190 litres (underbelly)
- **ADTC-BF** AdBlue tank cover-bright finish
- **FCAP-L** Fuel tank cap with lock
- **ESH-RIGH** Muffler horizontal, right exhaust outlet
- **ESH-VERT** Muffler horizontal, vertical exhaust outlet on right hand side
- **ESH3VERT** Raised Horizontal Muff/Vertical outlet
- **EXST-SSP** Stainless steel exhaust stack
- **TBC-AUS** Trailer brake connections (suzi coils)
- **TRBR-HCR** Hand controlled trailer brake, reduced pressure
- **TRBR-STA** Stationary trailer brake control
- **TRB-STRE** Automatic trailer brake activation (stretch brake)
- **TL-LED** LED tail lights

Rims and Tyres

- **RT-AL** 10 stud alloy disc rims (with long wheel studs)
- **RT-ALDP** 10 stud dura-bright alloy disc rims (with long wheel studs)
- **RT-ALDPD** 10 stud dura-bright alloy disc rims (with short wheel studs)
- **RT-ALDU** 10 stud alloy disc rims (with short wheel studs)
- **RT-ALP** 10 stud polished alloy disc rims (with long wheel studs)
- **RT-ALPDU** 10 stud polished alloy disc rims (with short wheel studs)
- **RT-STEEL** 10 stud steel disc rims
- **SPWT-D** Spare rim & tyre equal to drive
- **SPWT-F** Spare rim & tyre equal to steer
- **SWCP-T2** Transport mounted spare wheel
- **JACK-15T** 15 tonne capacity jack and brace
- **TOOL-BAS** Basic tools
- **TOOLKIT** Tool kit complete
- **INFLAHOS** Tyre inflation hose (20 metres)

Powertrain equipment

- **TRAP-HD** Heavy Duty Transmission Internals
- **DRM-BE** Drive Mode - Balanced Economy
- **DRM-E** Drive Mode - Economy
- **PVT-MAP** Preview Topography Information (by a high resolution commercial topography map)
- **CRUIS-E** Extended cruise control (additional fuel saving functions)
- **CRUISEC** Cruise control
- **AMSO-AUT** Manual gear shift in automatic mode.
- **AVO-ENH** AMT Vocational option - enhanced
- **APF-ENH** Enhanced I-shift PTO functions

MODEL RANGE

New FH13 6x4 Tractor Air Suspension FH 64T 3A

<input type="checkbox"/> CD43-O	Dual plate clutch 430 mm diameter	<input checked="" type="checkbox"/> CSPL-BXD	Centre section dash panel pull out drawer
<input checked="" type="checkbox"/> CS43B-O	Volvo 430mm single plate clutch	<input type="checkbox"/> ADFS	2 din slots in front shelf
<input checked="" type="checkbox"/> TC-MAOH2	High performance transmission cooler	<input checked="" type="checkbox"/> BUPALARM	Reverse alarm
<input checked="" type="checkbox"/> 2COM1080	High volume air compressor	<input type="checkbox"/> LOADIND	Load indicator, electronic controlled suspension (SUSPL-EC)
<input type="checkbox"/> 2COM1100	Air compressor. 1100 litres/minute (Eu6)	<input type="checkbox"/> REMC-MF	Multifunction wireless remote control
<input checked="" type="checkbox"/> AIRIN-HI	High air intake, roofline position	<input checked="" type="checkbox"/> FIREX25A	Fire extinguisher 2.5 kg
<input type="checkbox"/> AIRIN-LO	Low air intake, rear of cab position	<input checked="" type="checkbox"/> WRITEPAD	Storable steering wheel fit clip board
<input checked="" type="checkbox"/> ACL1ST-S	Air cleaner with two stage filter element	<input checked="" type="checkbox"/> DST-CF5	Fully adjustable driver's comfort seat Air suspension, heated, integrated safety belt
<input checked="" type="checkbox"/> 24AL120B	High capacity alternator, 120 Ampere.	<input type="checkbox"/> SBD-RED	Red safety belts, pass. & driver seats
<input type="checkbox"/> 24AL150B	Alternator - 150 Amp	<input checked="" type="checkbox"/> SBPRE-DS	Drivers seat belt pretensioner
<input type="checkbox"/> FUEFE2LW	Dual fuel filter, engine mounted with water separator-large	<input checked="" type="checkbox"/> PST-BAS1	Basic passenger's seat
<input type="checkbox"/> PTER-DIN	Power Take Off / splined shaft groove (female) DIN5462.	<input type="checkbox"/> PST-CF5	Fully adjustable passenger comfort seat Air suspension, heated, safety belt
<input type="checkbox"/> PTER1400	Rear engine mounted power-take-off with flange SAE 1410	<input type="checkbox"/> PST-RX1	Passenger relax seat with swivel and tilt
<input type="checkbox"/> HPE-F101	F1-101 Hydraulic pump rear engine mounted	<input type="checkbox"/> SBPRE-PS	Passenger seatbelt pretensioner
<input type="checkbox"/> HPE-F41	F1-41 Hydraulic pump rear engine mounted	<input checked="" type="checkbox"/> ARMRE-BB	Armrests both sides - driver's & passenger's seat
<input type="checkbox"/> HPE-F51	F1-51 Hydraulic pump rear engine mounted	<input checked="" type="checkbox"/> ARMRE-DB	Armrests both sides - driver's seat
<input type="checkbox"/> HPE-F61	F1-61 Hydraulic pump rear engine mounted	<input checked="" type="checkbox"/> ARU-LEA	Seat armrest upholstery - leather
<input type="checkbox"/> HPE-F81	F1-81 Hydraulic pump rear engine mounted	<input checked="" type="checkbox"/> GRABHI-B	Instep grab handle - standard
<input type="checkbox"/> HPE-T53	F2-53/53 twin flow hyd pump rear engine mounted	<input type="checkbox"/> GRABHI-L	Instep grab handle - leather bound
<input type="checkbox"/> HPE-T70	F2-70/53 twin flow hyd pump rear engine mounted	<input checked="" type="checkbox"/> FMAT-RUB	Floor mats - rubber
<input type="checkbox"/> HPE-V45	V1-45 variable pump rear engine mounted	<input checked="" type="checkbox"/> LBK80F	Lower bunk 815mm wide
<input type="checkbox"/> HPE-V75	V1-75 variable pump rear engine mounted	<input type="checkbox"/> LBK80FRE	Lower bunk 815mm wide, electrically reclinable
<input type="checkbox"/> PTR-D	Low speed PTO with DIN connection	<input type="checkbox"/> LBK80FRM	Lower bunk 815mm wide, manually reclinable
<input type="checkbox"/> PTR-DH	High speed PTO with DIN connection	<input checked="" type="checkbox"/> MATL-FI	Mattress lower bunk - firm
<input type="checkbox"/> PTR-DM	Medium speed PTO with DIN connection	<input type="checkbox"/> MATL-SF	Mattress lower bunk - semi firm
<input type="checkbox"/> PTR-F	Rear PTO trans.flange 100% speed	<input type="checkbox"/> OLMAT-BA	Mattress overlay - basic
<input type="checkbox"/> PTR-FH	High speed PTO with flange connection	<input type="checkbox"/> OLMAT-PR	Mattress overlay - premium
<input type="checkbox"/> PTR-FL	Low speed PTO with flange connection	<input type="checkbox"/> TBK70AD	Top bunk 700mm wide, foldable & height adjustable
<input type="checkbox"/> PTRD-D	PTO with 2 DIN connections rear + 1 DIN connection front	<input type="checkbox"/> TBK70F	Top bunk 700mm wide, foldable
<input type="checkbox"/> PTRD-D1	PTO with 1 DIN + 1 flange connection rear + 1 DIN connection front	<input checked="" type="checkbox"/> SLCP-BAS	Standard sleeper control panel
<input type="checkbox"/> PTRD-D2	PTO with 2 flange connection rears + 1 DIN connection front	<input type="checkbox"/> SLCP-LUX	Sleeper control panel
<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear	<input type="checkbox"/> SAFE	Safe box at bed-end
<input type="checkbox"/> HPG-F101	F1-101 hydraulic pump gearbox mounted	<input type="checkbox"/> RUS-BAS	Rear upper cab storage - 154 litres for Sleeper/Globetrotter & 60 litres for Day Cab
<input type="checkbox"/> HPG-F41	F1-41 hydraulic pump gearbox mounted	<input type="checkbox"/> RUS-HIG	Rear upper cab storage - 245 litres
<input type="checkbox"/> HPG-F61	F1-61 hydraulic pump gearbox mounted	<input type="checkbox"/> TABLE	Table
<input type="checkbox"/> HPG-F81	F1-81 hydraulic pump gearbox mounted	<input type="checkbox"/> REFR-RUS	28 litre refrigerator in upper rear storage
<input type="checkbox"/> STWM-LE	Steering wheel material - leather	<input type="checkbox"/> REFRIG	33 litre refrigerator under lower bunk
<input type="checkbox"/> DRC-AMII	DPF regeneration- auto initialise/manual on demand/manual inhibit	<input type="checkbox"/> MICRO-PK	Preparation kit for microwave
<input type="checkbox"/> DRC-AUTO	DPF regeneration- fully automatic (in motion)	<input checked="" type="checkbox"/> BOTH-D	Bottle holder in driving area
<input type="checkbox"/> ACCLF-D	Acceleration Limiting Feature - Disabled	<input type="checkbox"/> BOTH-DL	Bottle holder in driving & resting areas
<input type="checkbox"/> ACCLF-E	Acceleration Limiting Feature - Enabled	<input type="checkbox"/> BOTH-L	Bottle holder in resting area
<input checked="" type="checkbox"/> ESP-BAS1	ESP package (tractor/trailer combinations with ABS. Rigid with standard COG)	<input checked="" type="checkbox"/> SOL12S	12v outlet in sleeper area
<input type="checkbox"/> ESP-BAS2	ESP package (tractor/trailer combinations without ABS)	<input checked="" type="checkbox"/> INLI-BAS	Interior night lights
<input checked="" type="checkbox"/> HWSS-ACB	ACC & forward collision warning & emergency braking.	<input type="checkbox"/> INLI-NL	Interior white and red (night) light
<input checked="" type="checkbox"/> LSS-DW	With lane departure system	<input type="checkbox"/> INLI-NLD	Interior light including night light and dimmer function
<input checked="" type="checkbox"/> LCS	Lane change support	<input type="checkbox"/> ARL-FLEX	Flexible reading lamp (snake light)
<input checked="" type="checkbox"/> DAS-W	Driver alert support warning	<input checked="" type="checkbox"/> RH-ER	Roof hatch-electric (metal emergency exit)
<input type="checkbox"/> RSENS-W	Rain sensor to activate wipers	<input type="checkbox"/> RH-ETR	Roof hatch-electric (tinted glass & rear opening)
<input checked="" type="checkbox"/> CU-ECC	Climate controlled air conditioning	<input type="checkbox"/> VANMIR	Vanity mirror
<input type="checkbox"/> IMMOBIL	Engine immobiliser	<input type="checkbox"/> AS-FUS	Auxiliary shelf, front upper storage
<input type="checkbox"/> ALARM-B	Anti-theft alarm (cab)	<input type="checkbox"/> INFOT-PK	LCD screen mount - 6kgs max
<input type="checkbox"/> AMPL400	400 watts, 8 channel amplifier Including a subwoofer		
<input type="checkbox"/> BUPMON	Back-up camera		
<input checked="" type="checkbox"/> ISUNS-DS	Interior side sunvisor - driver's door		
<input type="checkbox"/> ISUNF-RE	Interior sunvisor - front (electric)		
<input checked="" type="checkbox"/> ISUNF-RM	Interior sunvisor - front (manual)		

Cab exterior

Standard Equipment Optional Equipment

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MODEL RANGE

New FH13 6x4 Tractor Air Suspension FH 64T 3A

<input checked="" type="checkbox"/> EXTL-BAS	Standard exterior trim level	<input checked="" type="checkbox"/> BBCHAS1	Body builder chassis electrical interface, 1 x 7 pin connector
<input type="checkbox"/> EXTL-EN2	Enhanced exterior trim level 2	<input type="checkbox"/> BBCHAS3	Body builder chassis electrical interface, 3 x 7 pin connectors
<input type="checkbox"/> EXTL-ENH	Enhanced exterior trim level.	<input type="checkbox"/> EXSTER	External steering via body builder's module
<input checked="" type="checkbox"/> DGLAS-H	Hardened door glass	<input checked="" type="checkbox"/> AESW2PK	2 flexible switches (AUX1 & AUX2) + additional 4 flexible switches
<input type="checkbox"/> DGLAS-L	Laminated door glass	<input checked="" type="checkbox"/> AUXSW-4	4 extra bi-stable switches wired to BBM
<input checked="" type="checkbox"/> LOCK-CTL	Central door locking-Key	Delivery services	
<input type="checkbox"/> LOCK-REM	Central door locking with remote control	<input checked="" type="checkbox"/> TGW-4GWL	Telematics Gateway with 4G/LTE & WLAN
<input checked="" type="checkbox"/> BUMP-B	Bumper - plastic	<input type="checkbox"/> FMS-PK	Fleet management system gateway
<input type="checkbox"/> BUMP-B2	Bumper - steel	<input type="checkbox"/> DRUT2	"My Truck" smartphone app. 2 year prepaid
<input type="checkbox"/> WILDBAR	Wildbar		
<input type="checkbox"/> BUMP-SP	Bumper spoiler		
<input checked="" type="checkbox"/> BUGNET	Insect net in front of radiator		
<input checked="" type="checkbox"/> CTILTP-E	Electrical cab tilt pump		
<input type="checkbox"/> FCABS-A	Front cab suspension-air bellows		
<input checked="" type="checkbox"/> FCABS-M	Front cab suspension-mechanical spring		
<input type="checkbox"/> RCABS-A	Rear cab suspension-air bellows		
<input checked="" type="checkbox"/> RCABS-M	Rear cab suspension-mechanical spring		
<input checked="" type="checkbox"/> MIRFLA3	Electrically operated flat mirrors Wide angle and close view mirror both sides		
<input type="checkbox"/> MIRFLACP	Electrically heated & operated flat glass mirrors with front monitoring camera on passenger side.		
<input checked="" type="checkbox"/> SUNV-H	Exterior sunvisor		
<input type="checkbox"/> AD-ROOF	Aero-dynamic roof mounted deflector		
<input type="checkbox"/> AD-SIDEL	Aero-dynamic cab side deflectors		
<input type="checkbox"/> GUARD-W	Windscreen stoneguard		
<input checked="" type="checkbox"/> HL-BASIC	Standard head lamps		
<input type="checkbox"/> HL-CLEAN	Head lamp cleaning system		
<input type="checkbox"/> HL-ADJ	Headlight adjustment - manual		
<input checked="" type="checkbox"/> DRL-LED	V-shaped LED daytime running light		
<input checked="" type="checkbox"/> DRIVL2	Integrated driving lamps		
<input type="checkbox"/> UDRIVL	Without driving lights		
<input checked="" type="checkbox"/> FOGL-WC	Integrated fog lamps		
<input type="checkbox"/> CL-STAT	Corner light-static		
<input type="checkbox"/> ASL-RF2	Auxiliary spotlights inside Globetrotter sign box		
<input checked="" type="checkbox"/> IDLAMP-A	Identification lamps-amber		
<input type="checkbox"/> BEACON-P	Beacon light wire preparation		
<input checked="" type="checkbox"/> SPOTP-F	Aux spotlamp preparation, 280W maximum		
<input type="checkbox"/> ROS-ILP	Globetrotter illuminated cab sign prep kit		
<input type="checkbox"/> CSGN-GTR	Globetrotter decal		
<input checked="" type="checkbox"/> HORN-F1S	Single electric Jericho air horn (behind grill)		
<input type="checkbox"/> HORN-R2S	Chromed air horns, two roof mounted		
<input type="checkbox"/> ANT-CBR	Antenna for CB radio, single antenna		
<input type="checkbox"/> STUC-B	Storage compartments under cab-both sides		

Superstructure

<input checked="" type="checkbox"/> 5WM-OBLP	5th wheel L-profiles
<input type="checkbox"/> SRWL-PK	Wiring prep for chassis mounted reverse/working lamps-3 position switch
<input type="checkbox"/> SWL-PK	Wiring prep for chassis-mounted working lamps-2 position switch
<input type="checkbox"/> WL-TA1W	Fifth wheel light
<input type="checkbox"/> WLC-H2W	2 x H3/70W high mounted work lamps with white lens.
<input type="checkbox"/> WLC-PKH	Prep kit for high mounted work lamps.
<input checked="" type="checkbox"/> ECBB-HIG	Body builder module - cab module

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Volvo Trucks. Driving Progress