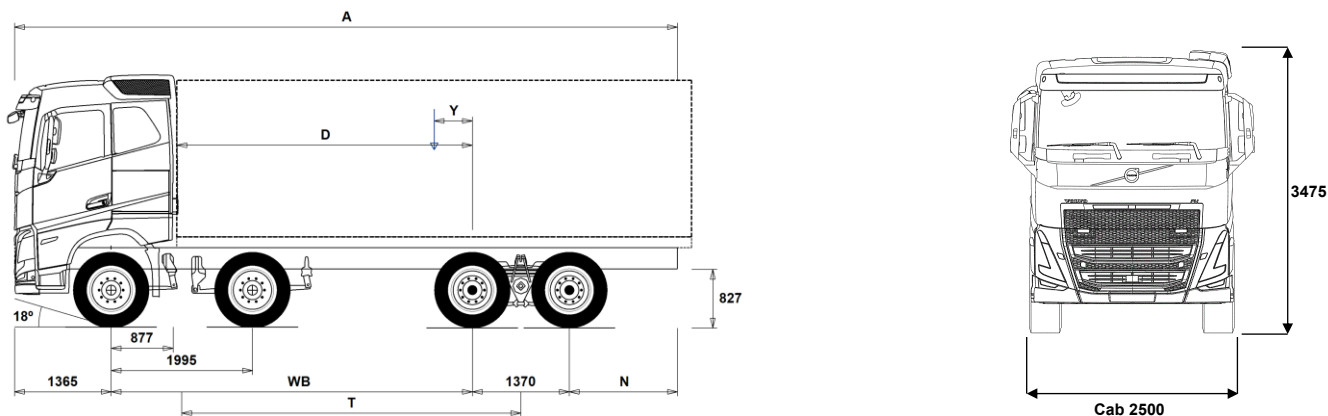


# MODEL RANGE

FH 16 8x4 Rigid - B/T ride - N3 FH 84RF 6L



## Chassis Dimensions [mm]

WB Wheelbase	5100	5600	6000	6200
A Overall Chassis Length	10660	11410	12060	12060
D Center of rear axle to front of body	4173	4673	5073	5273
N Rear Overhang (Min.)	715	715	1225	1225
N Rear Overhang (Max.)	2825	3075	3325	3125
T Theoretical Wheelbase	4788	5288	5688	5888
Y Center of Gravity for Payload (Min.)	563	711	831	886
Y Center of Gravity for Payload (Max.)	1230	1450	1627	1710

## Chassis Weights [kg]

Front Axles	7395	7335	7290	7285
Rear Bogie	3085	3190	3270	3280
Kerb Weight	10480	10525	10560	10565
Payload (including body, driver, fuel, etc.)	21520	21475	21440	21435

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20600	22200	23500	24200
Turning Circle Diameter Wall to Wall	22000	23600	24800	25500

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	42000
Gross Combination Weight	35580	44000
Front Axles	16000	16000
Rear Bogie	19000	26000

## Important Notes

### Chassis Dimensions

Cab Height: +375 mm for CAB-HSLP, -203 mm for CAB-LSLP, +517 mm for CAB-XHSL.

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.

Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.

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 FH84RF6L.

# MODEL RANGE

FH 16 8x4 Rigid - B/T ride - N3 FH 84RF 6L

## TRUCK USE

- **TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- **UNIFORM** Transport Adaption - Basic platform vehicle

## CORE COMPONENTS

- **RADD-BR** Rear suspension - B-ride rear three spring bogie
- **RADD-TR1** T-ride 1 rear two spring bogie suspension, 75mm wide springs
- **RADD-TR2** T-ride 3 rear two spring bogie suspension, reinforced
- **RADD-TR3** RADD-TR3 - T ride 3
- **FH16HSL6** Cab - Globetrotter, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- **FH16LSL6** Low Sleeper Cab
- **FH16SLP6** Cab - Sleeper, all-steel safety cage design with roof-mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- **FH16XHS6** Cab - Globetrotter XL, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- **EU6SCR** Emission level - Euro VI step E
- **D17A600** Engine - D17K600 17.3 litre developing 600hp at 1700rpm SCR & EGR. Peak torque 3000Nm at 850-1450rpm.
- **D17A700** Engine - D17K700 17.3 litre developing 700hp at 1600 to 1800rpm SCR & EGR. Peak torque 3400Nm at 950-1450rpm.
- **DIESEL** Fuel Type - Diesel
- **EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- **EBR-VEB+** Engine brake type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- **ATO3112** Gearbox - ATO3112 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 60tonne. Refer to sales engineering when used in conjunction with a PTO
- **ATO3512** Gearbox - ATO3512 12-speed I-shift automated mechanical, suitable for gross train weights up to 60 tonne. Refer to sales engineering when used in conjunction with a PTO
- **ATO3812** Gearbox - ATO3812 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 60tonne. Refer to sales engineering when used in conjunction with a PTO
- **ASO-C** Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1
- **ASO-ULC** Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1
- **RTH2610B** Drive axles - RTH2610B 26-tonne hub reduction tandem with differential and cross locks\* - design GCW 100tonne, 4 planetary gears \* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- **RTH2610F** Drive axles - RTH2610F 26-tonne hub reduction tandem with differential and cross locks\* - design GCW 100tonne \* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- **RTH3210F** Drive axles - RTH3210F 32-tonne hub reduction tandem with differential and cross locks\* - design GCW 100 tonne \* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- **RTH3212F** Drive axles - RTH3212F 32-tonne hub reduction tandem with differential and cross locks\* - design GCW 120 tonne, 4 planetary gears \* Cross locks replaced by a dog clutch if tandem axle lift is specified.

- **RTH3312** Drive axles - RTH3312 33-tonne hub reduction tandem with differential and cross locks\* - design GCW 120tonne \* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- **RTH3815** Drive axles - RTH3815 38-tonne hub reduction tandem with differential and cross locks - design GCW 150 tonne
- **RTS2310A** Drive axles - RTS2310A 23-tonne single reduction tandem with differential and cross locks\*- design GCW 100tonne \* Cross locks replaced by a dog clutch if tandem axle lift is specified
- **RTS2370A** Drive axles - RTS2370A 23-tonne single reduction tandem with differential and cross locks\*- design GCW 70tonne \* Cross locks replaced by a dog clutch if tandem axle lift is specified

## PACKAGES

- **DRIV-EXT** Cab package - Drive Extended
- **1LIVING** Sleep & Resting Package - Living one-bed
- **1LIVING+** Sleep & Resting Package - Living one-bed +
- **2LIVING** Sleep & Resting Package - Living two-bed
- **2LIVING+** Sleep & Resting Package - Living two-bed +
- **INFOHIGH** Media Information Platform - Medium level
- **CHASPAC** Chassis Package Rigid

## CHASSIS

- **FST-PAR** Front suspension type - 2 leaf parabolic springs
- **FST-PAR3** Front suspension type - 3 leaf parabolic springs
- **FAL16.0** Front axle design capacity - 16 tonnes - 2 x 8 tonne front axles
- **FAL18.0** Front axle design capacity - 18 tonnes - 2 x 9 tonne front axles - check tyre load index
- **FAL20.0** Front axle design capacity - 20 tonnes - 2 x 10 tonne front axles - check tyre load index
- **FSM-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
- **FSTAB** Front anti-roll bar - Normal stiffness
- **FSTAB2** Front anti-roll bar - Medium stiffness
- **FSTAB3** Front anti-roll bar - High stiffness
- **RAL21** Rear bogie design capacity - 21 tonne
- **RAL23** Rear bogie design capacity - 23 tonne
- **RAL26** Rear bogie design capacity - 26 tonne
- **RAL32** Rear bogie design capacity - 32 tonne
- **RAL38** Rear Bogie Design Capacity - 38 tonne
- **RSTAB1** Rear anti-roll bar - Normal stiffness
- **RSAP2** Rear suspension application - Heavy duty with reinforcements
- **ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
- **ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
- **ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- **PSS-DUAL** Power steering system - Dual
- **PSP-VAR** Power steering pump - Variable displacement
- **PSP-VAR2** Power steering pump - Variable displacement with electronic control
- **EBS-MED** Brake package - EBS medium including "hill" hold function
- **AUXPARK** Auxiliary parking brake - Additional spring brakes
- **RST-MUL** Rear suspension type - Multi-leaf spring
- **RST-PAR1** Rear suspension type - Parabolic springs
- **RST-PAR5** Rear suspension type - Progressive parabolic springs
- **FST8080** Chassis frame thickness - 8 mm web and flange
- **FIL-EEEB** Chassis frame inner liner - From the end of the engine to the end of the bogie
- **FIL-EEEE** Chassis frame inner liner - From the end of the engine to end of the frame
- **FIL-FBEB** Chassis frame inner liner - Over the rear bogie

- Standard Equipment
- Optional Equipment

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

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<input type="checkbox"/> <b>FIL-FBEF</b>	Chassis frame inner liner - From the front of bogie to the end of the frame	<input type="checkbox"/> <b>TREL-PK</b>	Trailer electrical preparation kit - chassis/cab wiring
<input type="checkbox"/> <b>FIL-TXEB</b>	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> <b>TREL14</b>	Single 14 pole electrical trailer connector
<input type="checkbox"/> <b>FIL-TXEF</b>	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> <b>TREL15</b>	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> <b>2BAT210B</b>	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> <b>TREL7</b>	7 pole - 24N trailer electrical suzie
<input checked="" type="checkbox"/> <b>2BAT210C</b>	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> <b>TREL7-7</b>	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input checked="" type="checkbox"/> <b>BATTAMP</b>	Battery management - Voltage and current gauge	<input type="checkbox"/> <b>TBC-DUO</b>	Trailer brake connections - Duomatic type
<input type="checkbox"/> <b>BATTIND</b>	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> <b>TBC-EC</b>	Trailer brake connections - EC palm coupling connectors
<input type="checkbox"/> <b>ADR2</b>	ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately	<input type="checkbox"/> <b>TRBR-STA</b>	Stationary trailer brake control
<input type="checkbox"/> <b>MSWI-A</b>	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input checked="" type="checkbox"/> <b>MSWI-R</b>	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> <b>FFEND-B</b>	Standard mounted mud wings on second front axle
<input checked="" type="checkbox"/> <b>UR-FUEL</b>	Right fuel tank - Without Min volume 255l Max volume 810l	<input type="checkbox"/> <b>FFEND-T</b>	Transport mounted mud wings on second front axle
<input checked="" type="checkbox"/> <b>UL-FUEL</b>	Left fuel tank - Without Min volume 160l Max volume 450l	<input type="checkbox"/> <b>RFEND-B</b>	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> <b>ADTP-L</b>	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> <b>RFEND-T</b>	Rear mud wings - Temporary on drive axle for transport delivery only
<input checked="" type="checkbox"/> <b>ADTP-R</b>	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> <b>RFH-BAS</b>	Basic rear wing height
<input type="checkbox"/> <b>ADB032</b>	Plastic AdBlue tank - 32 litres	<input type="checkbox"/> <b>RFH-HIG</b>	High rear wing height - higher wing tops
<input type="checkbox"/> <b>ADB048</b>	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
<input type="checkbox"/> <b>ADB064</b>	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> <b>ATANK-AL</b>	Air tanks - Aluminium
<input checked="" type="checkbox"/> <b>FCAP-L</b>	Diesel and AdBlue filler cap - Locking	<input checked="" type="checkbox"/> <b>ATANK-ST</b>	Air tanks - Steel
<input checked="" type="checkbox"/> <b>FUFF-AS</b>	Fuel filler - Anti-spill device	<input checked="" type="checkbox"/> <b>TL-LED</b>	Rear lights - LED
<input type="checkbox"/> <b>FUFF-ATS</b>	Fuel filler - Anti-spill & anti-syphon device	<input checked="" type="checkbox"/> <b>BLIGHT-E</b>	Emergency brake light
<input type="checkbox"/> <b>ESH-LEFT</b>	Exhaust - Horizontal silencer - left outlet	<b>WHEELS &amp; TYRES</b>	
<input type="checkbox"/> <b>ESH-REAR</b>	Exhaust - Horizontal silencer - rear outlet	<input type="checkbox"/> <b>RT-AL</b>	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> <b>ESH-RIGH</b>	Exhaust - Horizontal silencer - right outlet	<input type="checkbox"/> <b>RT-ALDP</b>	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> <b>ESH-VERT</b>	Exhaust - Horizontal silencer - vertical outlet	<input type="checkbox"/> <b>RT-ALDPD</b>	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished	<input type="checkbox"/> <b>RT-ALDU</b>	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> <b>EXST-ST</b>	Steel exhaust stack	<input checked="" type="checkbox"/> <b>RT-STEEL</b>	Wheels - Steel rims
<input type="checkbox"/> <b>WHC-FIX2</b>	Wheel chocks - Two fixed design	<input type="checkbox"/> <b>WCAP</b>	Aerodynamic hub caps
<input type="checkbox"/> <b>WHC-FOL2</b>	Two foldable wheel chocks	<input type="checkbox"/> <b>SPWT-D</b>	Spare wheel & tyre with rear tyre pattern
<input type="checkbox"/> <b>WHCP-F</b>	Wheel chock carrier position - In the front part of the vehicle	<input type="checkbox"/> <b>SPWT-F</b>	Spare wheel & tyre with front tyre pattern
<input type="checkbox"/> <b>WHCP-R</b>	Wheel chock carrier position - In the rear part of the vehicle	<input type="checkbox"/> <b>SWCP-LF</b>	Spare wheel carrier on left side of chassis ahead of rear axle
<input type="checkbox"/> <b>WHCP-T</b>	Wheel chock carrier position - Outer luggage locker	<input type="checkbox"/> <b>SWCP-T</b>	Spare wheel supplied temporarily strapped to chassis
<input type="checkbox"/> <b>TB-L80</b>	Toolbox 800 mm, left side	<input type="checkbox"/> <b>SWCP-TP</b>	Temporary spare wheel carrier on top of chassis frame
<input type="checkbox"/> <b>TB-R80</b>	Toolbox 800 mm, right side	<input type="checkbox"/> <b>JACK-12T</b>	12 tonne bottle jack
<input type="checkbox"/> <b>SUP-BAS</b>	Side guards - Check with bodybuilder chassis space requirements	<input type="checkbox"/> <b>JACK-15T</b>	15 tonne bottle jack
<input type="checkbox"/> <b>SUP-LOW</b>	EC approved low chassis side guards	<input type="checkbox"/> <b>JACK-20T</b>	20 tonne bottle jack
<input type="checkbox"/> <b>CHAIN-S</b>	Snow chains	<input checked="" type="checkbox"/> <b>TOOL-BAS</b>	Toolkit - Basic
<input type="checkbox"/> <b>HOOK-SC</b>	Snow chain hooks	<input type="checkbox"/> <b>TOOLKIT</b>	Toolkit - Complete
<input checked="" type="checkbox"/> <b>TOWF-NO1</b>	Front towing device - One detachable - stored in cab	<input type="checkbox"/> <b>INFLAHOS</b>	Tyre inflation hose
<input type="checkbox"/> <b>TOWF-NO2</b>	Front towing device - Two detachable - stored in cab	<input type="checkbox"/> <b>GAUGE-TP</b>	Tyre pressure gauge
<input type="checkbox"/> <b>TOWMBRH</b>	Towing member, high mounted in centre of frame, D = 190	<b>DRIVELINE EQUIPMENT</b>	
<input type="checkbox"/> <b>TOWMBRL1</b>	Towing member, low mounted under the frame	<input checked="" type="checkbox"/> <b>TRAP-HD</b>	Reinforced gearbox application
<input type="checkbox"/> <b>TOWMBRM</b>	Towing member, medium mounted in line with frame lower flange	<input checked="" type="checkbox"/> <b>DRM-BE</b>	Drive mode - Balanced & Economy
<input checked="" type="checkbox"/> <b>RFEC-S</b>	Rear frame profile - Straight cut	<input checked="" type="checkbox"/> <b>PVT-MTM</b>	I-See Predictive Cruise Control - using map-based topography information with lower operating settings
<input type="checkbox"/> <b>RFEC-U</b>	Rear frame profile - Slight uppercut for tippers	<input type="checkbox"/> <b>CRUIS-E</b>	Cruise control - with I-roll and I-cruise, controls in steering wheel
<input type="checkbox"/> <b>C-RI4040</b>	Towing coupling, Ringfeder 4040A	<input checked="" type="checkbox"/> <b>CRUIS-E5</b>	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
<input type="checkbox"/> <b>C-RI5050</b>	Towing coupling, Ringfeder 5050A	<input type="checkbox"/> <b>AMSO-AUT</b>	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
<input type="checkbox"/> <b>C-RO400G</b>	Towing coupling, Rockinger 400 G-150 for 40mm eyes	<input type="checkbox"/> <b>AVO-ENH</b>	I-Shift application software - Construction and off road applications
<input type="checkbox"/> <b>C-RO50</b>	Rockinger RO 50 50mm for centre axle trailer	<input type="checkbox"/> <b>APF-ENH</b>	I-shift enhanced PTO functions
<input type="checkbox"/> <b>C-VBG795</b>	VBG 795V-3 coupling (centre axle trailer)		
<input type="checkbox"/> <b>TOWR-ONE</b>	Towing hitch attached to rear crossmember		

Standard Equipment

Optional Equipment

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<input type="checkbox"/> <b>RET-TH</b>	Gearbox mounted retarder	<input checked="" type="checkbox"/> <b>STWM-LE</b>	Steering wheel - Leather
<input type="checkbox"/> <b>TC-MAOH2</b>	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> <b>STGW-AD2</b>	Steering wheel adjustment - Neck tilt, column height and angle
<input checked="" type="checkbox"/> <b>TC-MWO</b>	Basic transmission oil cooler - water to oil	<input checked="" type="checkbox"/> <b>STGW-ADJ</b>	Steering wheel adjustment - Column height and angle
<input type="checkbox"/> <b>2COM1100</b>	Air compressor - Two-cylinder 1100 litres per minute	<input checked="" type="checkbox"/> <b>AIRBAG</b>	Driver air bag
<input checked="" type="checkbox"/> <b>2COMP900</b>	Air compressor - Two-cylinder 900 litres per minute	<input checked="" type="checkbox"/> <b>DRC-AMII</b>	DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/> <b>CLU-AIRC</b>	Clutchable air compressor	<input checked="" type="checkbox"/> <b>1DAYDIG4</b>	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
<input type="checkbox"/> <b>AIRIN-FR</b>	Front air intake fitted to the underside of cab engine tunnel	<input type="checkbox"/> <b>ARSL</b>	Additional road speed limit - switch in dashboard
<input checked="" type="checkbox"/> <b>AIRIN-HI</b>	Air intake - Roof-mounted behind cab on the left-hand side	<input type="checkbox"/> <b>ESP-BAS1</b>	Electronic Stability Control ESC
<input type="checkbox"/> <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	<input type="checkbox"/> <b>ESPC-RO</b>	Additional ESC functions - Reduced / Off
<input type="checkbox"/> <b>ACL1ST-S</b>	Air filter - two-stage element	<input type="checkbox"/> <b>HWSS-AC</b>	Forward collision warning with adaptive cruise control WITHOUT AEBS advanced emergency brake system
<input type="checkbox"/> <b>24A150BL</b>	Alternator capacity - 150 amp	<input type="checkbox"/> <b>HWSS-ACB</b>	Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system
<input checked="" type="checkbox"/> <b>24A180BL</b>	Alternator capacity - 180 amp	<input checked="" type="checkbox"/> <b>HWSS-FCB</b>	Forward collision warning with AEBS advanced emergency brake system
<input type="checkbox"/> <b>24AL150B</b>	Alternator capacity - 150 amp	<input type="checkbox"/> <b>LSS-DW</b>	Lane departure warning system
<input type="checkbox"/> <b>CCV-C</b>	Closed crankcase engine ventilation	<input type="checkbox"/> <b>LSS-DW3</b>	Lane departure warning system with pilot assist
<input checked="" type="checkbox"/> <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	<input checked="" type="checkbox"/> <b>LCS4</b>	Side Collision Avoidance Support - passenger and driver side
<input checked="" type="checkbox"/> <b>PRIM-EL</b>	Electrical priming pump	<input checked="" type="checkbox"/> <b>DAS-W</b>	Driver Alert Support system
<input type="checkbox"/> <b>AF-R</b>	Hot fuel recirculation heated fuel filter	<input type="checkbox"/> <b>RSENS-W</b>	Rain sensing windscreen wipers
<input checked="" type="checkbox"/> <b>FUEFE2SW</b>	Small engine mounted dual fuel filter with water separator	<input checked="" type="checkbox"/> <b>CU-ECC</b>	Cab climate Unit - Electrically controlled air conditioning with sun sensor
<input type="checkbox"/> <b>EST-AID</b>	Engine starting aid -Preheating element in the air inlet manifold	<input type="checkbox"/> <b>CU-ECC2</b>	Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
<input type="checkbox"/> <b>220EBH15</b>	220V/1.5Kw electric engine block heater	<input checked="" type="checkbox"/> <b>IGT-BUT</b>	Vehicle starting - Push-button
<input type="checkbox"/> <b>PTER-100</b>	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange	<input checked="" type="checkbox"/> <b>IMMOBIL</b>	Immobiliser
<input type="checkbox"/> <b>PTER-DIN</b>	Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump Models with 3 steering axles will use this to drive the steering pump (AUXPSP)	<input type="checkbox"/> <b>ALARM-E</b>	Vehicle alarm - Cab plus external sensor for body/trailer
<input type="checkbox"/> <b>PTER1400</b>	Engine power-take-off - Rear-mounted with SAE 1410 flange	<input type="checkbox"/> <b>AUD-EXT</b>	Extended audio - Amplifier
<input type="checkbox"/> <b>HPE-F101</b>	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)
<input type="checkbox"/> <b>HPE-F41</b>	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ISUNS-BS</b>	Side sun visor - Driver & passenger side
<input type="checkbox"/> <b>HPE-F51</b>	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>ISUNS-DS</b>	Side sun visor - Driver-side
<input type="checkbox"/> <b>HPE-F61</b>	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ISUNF-RE</b>	Electrically operated textile interior sun blind
<input type="checkbox"/> <b>HPE-F81</b>	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>ISUNF-RM</b>	Manually operated textile interior sun blind
<input type="checkbox"/> <b>HPE-T53</b>	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump	<input type="checkbox"/> <b>CSPL-BX</b>	Lower center dash open storage box
<input type="checkbox"/> <b>HPE-T70</b>	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>CSPL-BXD</b>	Lower centre dash drawer
<input type="checkbox"/> <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>ADFS</b>	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
<input type="checkbox"/> <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> <b>BUPALARM</b>	Reverse alarm
<input type="checkbox"/> <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed	<input type="checkbox"/> <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
<input type="checkbox"/> <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>REMC-MF</b>	Multi-functio wireless remote control
<input type="checkbox"/> <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>FIREXT3S</b>	Fire extinguisher - 3kg mounted on the seat base
<input type="checkbox"/> <b>PTR-F</b>	Gearbox driven PTO with rear flange connection	<input type="checkbox"/> <b>WARNVEST</b>	High visibility warning vest - No sleeves
<input type="checkbox"/> <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps	<input type="checkbox"/> <b>AIDKIT</b>	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
<input type="checkbox"/> <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox	<input type="checkbox"/> <b>AIDKIT1B</b>	First aid kit - Legal demand for trucks transiting Germany
<input type="checkbox"/> <b>HPG-F101</b>	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted	<input type="checkbox"/> <b>WARNLAMP</b>	Portable warning lamp
<input type="checkbox"/> <b>HPG-F41</b>	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> <b>LAMP-IN</b>	Inspection lamp
<input type="checkbox"/> <b>HPG-F51</b>	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> <b>BULBKIT</b>	Bulb and fuse kit
<input type="checkbox"/> <b>HPG-F61</b>	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow	<input checked="" type="checkbox"/> <b>WRITEPAD</b>	Writing pad
<input type="checkbox"/> <b>HPG-F81</b>	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow	<input checked="" type="checkbox"/> <b>DST-CF4</b>	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt

Standard Equipment       Optional Equipment

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# MODEL RANGE

FH 16 8x4 Rigid - B/T ride - N3 FH 84RF 6L

<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>DST-CF5</b> Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar &amp; heat controls with integrated seatbelt</li> <li><input type="checkbox"/> <b>DST-CF6</b> Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt</li> <li><input type="checkbox"/> <b>DST-LUX1</b> Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating &amp; ventilation with integrated seatbelt</li> <li><input type="checkbox"/> <b>DST-LUX2</b> Driver seat - Deluxe 2: electrical adjustment with memory function, lumbar support &amp; heating with integrated seatbelt</li> <li><input type="checkbox"/> <b>SBD-RED</b> Seat belt colour - Red</li> <li><input type="checkbox"/> <b>SBPRE-DS</b> Driver seat belt pretensioner</li> <li><input type="checkbox"/> <b>PST-BAS1</b> Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post</li> <li><input type="checkbox"/> <b>PST-CF4</b> Passenger seat - Suspended, adjustable shock absorber, travel, backrest &amp; lumbar controls with integrated seatbelt</li> <li><input type="checkbox"/> <b>PST-CF5</b> Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar &amp; heat controls with integrated seatbelt</li> <li><input type="checkbox"/> <b>PST-RX1</b> Passenger seat - Fixed non suspended, features: 90-degree rotation and tilt function with seatbelt mounted on cab "B" post</li> <li><input type="checkbox"/> <b>PST-STD2</b> Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post</li> <li><input checked="" type="checkbox"/> <b>PST-STD4</b> Passenger seat - Standard suspended with seatbelt mounted on cab "B" post</li> <li><input type="checkbox"/> <b>SBPRE-PS</b> Passenger seat belt pretensioner</li> <li><input checked="" type="checkbox"/> <b>ARMRE-BB</b> Armrests - Two on both driver &amp; passenger seats</li> <li><input checked="" type="checkbox"/> <b>ARU-LEA</b> Armrest upholstery - Leather</li> <li><input checked="" type="checkbox"/> <b>GRABHI-L</b> Instep cab grab handle - Leather finish</li> <li><input type="checkbox"/> <b>FMAT-RUB</b> Footwell floor mats - Rubber</li> <li><input checked="" type="checkbox"/> <b>FMAT-TX2</b> Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab</li> <li><input checked="" type="checkbox"/> <b>LBK80F</b> Lower bunk - Fixed with wide middle section 815 in the centre x 2000 mm</li> <li><input type="checkbox"/> <b>LBK80FRE</b> Lower bunk - Electrically operated recliner with wide middle section 815 in the centre x 2000 mm</li> <li><input type="checkbox"/> <b>LBK80FRM</b> Lower bunk - Manually operated recliner with wide middle section 815 in the centre x 2000 mm</li> <li><input type="checkbox"/> <b>MATL-FI</b> Lower mattress - Firm pocket sprung</li> <li><input type="checkbox"/> <b>MATL-FI4</b> Lower mattress - Firm, memory foam, 2000x700x130 mm</li> <li><input checked="" type="checkbox"/> <b>MATL-SF</b> Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone</li> <li><input type="checkbox"/> <b>OLMAT-BA</b> Mattress overlay protector - 35mm thick</li> <li><input checked="" type="checkbox"/> <b>OLMAT-PR</b> Mattress overlay protector - Premium 50mm thick</li> <li><input type="checkbox"/> <b>TBK60AD</b> Top bunk - Height adjustable foldable 600 x 1900mm</li> <li><input type="checkbox"/> <b>TBK60F</b> Top bunk - Fixed foldable 600 x 1900mm</li> <li><input type="checkbox"/> <b>TBK70AD</b> Top bunk - Height adjustable foldable 700 x 1900mm</li> <li><input type="checkbox"/> <b>TBK70F</b> Top bunk - Fixed foldable 700 x 1900mm</li> <li><input type="checkbox"/> <b>PH-CAB2</b> Cab parking heater -1.8kW Air to air</li> <li><input type="checkbox"/> <b>PH-ENGCA</b> Cab parking heater - Engine and cab</li> <li><input checked="" type="checkbox"/> <b>SLCP-BAS</b> Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock</li> <li><input type="checkbox"/> <b>SLCP-LUX</b> Sleeper control panel - Luxury with switches for interior light, night heater, roof hatch, door lock, alarm clock, window and radio</li> <li><input type="checkbox"/> <b>SAFE</b> Driver's Safe Box</li> <li><input type="checkbox"/> <b>RUS-BAS</b> Rear cab upper storage - 300 mm high</li> <li><input type="checkbox"/> <b>RUS-HIG</b> Rear cab upper storage - 440 mm high - volume 245 litres</li> <li><input type="checkbox"/> <b>TABLE</b> Bunk table - Folding and height adjustable fitted on lower bunk</li> <li><input type="checkbox"/> <b>REFR-RUS</b> Fridge - 28 litre rear upper wall mounted with dividers</li> <li><input type="checkbox"/> <b>REFRIG</b> Fridge - 33 litre under-bunk mounted with freezer dividers</li> <li><input type="checkbox"/> <b>MICRO-PK</b> Microwave equipment - Wiring preparation kit for oven</li> <li><input type="checkbox"/> <b>BOTH-D</b> Bottle holder - One under dashboard centre section</li> <li><input type="checkbox"/> <b>BOTH-DL</b> Bottle holders - Two. One under dashboard centre section and one mounted to the under bunk drawer</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>BOTH-L</b> Bottle holder - One mounted to the under bunk drawer</li> <li><input type="checkbox"/> <b>COFMA-PK</b> Coffee maker - Preparation kit.</li> <li><input type="checkbox"/> <b>INLI-BAS</b> Interior light - White LEDs</li> <li><input type="checkbox"/> <b>INLI-NL</b> Interior light - White and red nightlight LEDs without dimmer</li> <li><input checked="" type="checkbox"/> <b>INLI-NLD</b> Interior light - White and red nightlight LEDs with dimmer</li> <li><input type="checkbox"/> <b>ARL-FLEX</b> Flexible reading lamps - Two "snake" type</li> <li><input checked="" type="checkbox"/> <b>RH-EE</b> Fixed tinted glass sky window with emergency exit</li> <li><input type="checkbox"/> <b>RH-ER</b> Steel roof hatch - Electrically operated, rear opening with emergency exit</li> <li><input type="checkbox"/> <b>RH-ETR</b> Tinted glass roof hatch - Electrically operated, rear opening with emergency exit</li> <li><input type="checkbox"/> <b>RH-MTR</b> Tinted glass roof hatch - Manually operated, rear opening with emergency exit</li> <li><input checked="" type="checkbox"/> <b>GLAS-TIN</b> Cab windows - Tinted</li> <li><input type="checkbox"/> <b>SWIND-BS</b> Cab side window - On both sides behind 'B' post</li> <li><input checked="" type="checkbox"/> <b>VANMIR</b> Vanity mirror - In front shelf</li> <li><input type="checkbox"/> <b>AS-FUS</b> Extra shelf in front compartments</li> <li><input type="checkbox"/> <b>INFOT-PK</b> TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections</li> </ul>
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## CAB EXTERIOR

- EXTL-BAS** Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
- EXTL-EN3** Enhanced exterior finish - Silver grille, Volvo badges and door handles. Instep, bumper and bumper spoiler in cab colour with aluminium step inserts. Mirror housings and sun visor if specified with silver accents.
- DGLAS-H** Door glass - Hardened
- DGLAS-L** Door glass - Laminated
- BUMP-B** Front bumper - Plastic
- BUMP-B2** Front bumper - Steel
- BUMP-HD** Front bumper - Heavy duty
- BUMP-SP** Front bumper spoiler
- GUARD-EH** Sump and radiator guard - to protect engine and hoses
- BUGNET** Radiator insect screen
- CTILT-P-E** Electrically operated hydraulic cab tilt
- CTILT-P-M** Manually operated hydraulic cab tilt
- FCABS-A** Front cab suspension - Air
- FCABS-M** Front cab suspension - Mechanical spring
- RCABS-A** Rear cab suspension - Air
- RCABS-M** Rear cab suspension - Mechanical spring
- HCC-INEX** Lockable front service hatch - Activated by door lock remote
- MIRCFPCS** Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm
- MIRCMCP** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror and passenger corner pedestrian camera.
- MIRCMS** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror
- MIRCOMF** Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror
- AMIR-F20** Auxiliary front view mirror with a 200mm radius
- SUNV-H** External smoke grey sunvisor
- AD-ROOF** Cab roof deflector - Adjustable
- AD-SIDES** Cab side deflector - Short extension panels
- HL-LED** Headlights - LED
- HL-LED3** Headlights - LED Adaptive high beam

Standard Equipment       Optional Equipment

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FH 16 8x4 Rigid - B/T ride - N3 FH 84RF 6L

<ul style="list-style-type: none"> <li>■ <b>HL-CLEAN</b> Headlight cleaner - Washer jets</li> <li>□ <b>HLP-ST</b> Headlight protection</li> <li>□ <b>DRIVL2</b> Two spot lamps</li> <li>□ <b>UDRIVL</b> Auxiliary driving lights - Without</li> <li>■ <b>FOGL-WC</b> Front fog lights</li> <li>□ <b>CL-STAT</b> Static corner lights</li> <li>□ <b>ASL-RF2</b> Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box</li> <li>□ <b>BEACOA2F</b> Roof beacons - Two front roof mounted amber LED</li> <li>□ <b>BEACOA2R</b> Roof beacons - Two rear roof mounted amber LED</li> <li>□ <b>BEACON-P</b> Roof beacons - switch and wiring preparation only</li> <li>□ <b>BEACON-A4</b> Roof beacons - Four amber LED - two front/ two rear</li> <li>□ <b>CABPT-R1</b> Single outlet for roof mounted accessories</li> <li>■ <b>CABPT-R2</b> Twin outlets for roof mounted accessories.</li> <li>□ <b>SPOTP-F</b> Spotlamp preparation in front, max 280W</li> <li>□ <b>SPOTP-R</b> Spotlamp preparation on roof, max 280W</li> <li>□ <b>SPOTP-RF</b> Spotlamp preparation on cab roof and in cab front, max 2x280W</li> <li>□ <b>ROS-IL2</b> Preparation kit for illuminated roof sign with switch loose in cab, fit after registration</li> <li>□ <b>CSGN-ENG</b> Engine size and power headboard logo</li> <li>□ <b>CSGN-GTR</b> Cab sign logo - Volvo "Globetrotter" or "Power" sign</li> <li>■ <b>HORN-F1S</b> Horn - Air single tone - chassis mounted</li> <li>□ <b>HORN-R2S</b> Horn - Air - Two roof-mounted</li> <li>□ <b>ANT-CBR</b> Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.</li> <li>□ <b>ACCBR-AP</b> Front, middle &amp; rear roof mounted accessory brackets</li> <li>□ <b>ACCBR-F</b> Front roof mounted accessory bracket</li> <li>□ <b>ACCBR-FM</b> Front &amp; middle roof mounted accessory brackets</li> <li>□ <b>ACCBR-FR</b> Front &amp; rear roof mounted accessory brackets</li> <li>□ <b>ACCBR-M</b> Middle roof mounted accessory bracket</li> <li>□ <b>ACCBR-R</b> Rear roof mounted accessory bracket</li> <li>□ <b>ACCBR-RM</b> Rear &amp; middle roof mounted accessory brackets</li> <li>□ <b>STUC-B</b> Left and right storage compartments under cab</li> <li>□ <b>STUC-L</b> Left storage compartment under cab</li> <li>□ <b>STUC-R</b> Right storage compartment under cab</li> <li>□ <b>REFS-TW</b> White cab conspicuity markings by packed in cab</li> <li>□ <b>REFS-TY</b> Yellow cab conspicuity markings by packed in cab</li> </ul>	<ul style="list-style-type: none"> <li>□ <b>BEPR-T2</b> Body builder electrical software preparation for tipper with remote control</li> <li>□ <b>EXSTER</b> External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder</li> <li>■ <b>TD-LED</b> Trailer detection with LED sensing</li> <li>□ <b>FRFS-BS</b> Frame rail free space - both sides to give space for crane legs or other equipment.</li> <li>□ <b>FBA-BTF</b> Lower front body attachments for torsionally flexible - platform body</li> <li>□ <b>FBA-BTSF</b> Lower front body attachments for torsionally semi-flexible body - box or curtainsider</li> <li>□ <b>HBA-FSFB</b> Holes for body attachments - flexible/semi-flexible body</li> <li>□ <b>HBA-SB</b> Holes for body attachments - stiff body</li> <li>□ <b>RBA-T2</b> Lower rear body attachments for helper frame</li> <li>□ <b>CRANEPK1</b> Crane plates mounted to frame, for cranes up to 10 tonne metre capacity</li> <li>□ <b>CRANEPK2</b> Crane plates mounted to frame, for cranes up to 20 tonne metre capacity</li> <li>□ <b>CRANEPK4</b> Crane plates mounted to frame, for cranes up to 40 tonne metre capacity</li> <li>□ <b>AUXL-SPK</b> Electrical preparation kit - wiring and switch for snow plough lights</li> <li>□ <b>TAILPRE2</b> Tail lift preparation kit, wireless remote operation</li> <li>□ <b>TAILPREP</b> Taillift preparation kit - cab switch and warning in driver display</li> <li>□ <b>AESW2</b> Two Body builder bistable electrical switches (marked AUX1 / AUX2)</li> <li>□ <b>AESW2PK</b> 2 Body builder bistable el. switches (marked AUX1/AUX2) and prep. for 4 more switches</li> <li>□ <b>AUXSW-4</b> Wiring for 4 extra switches (from Body builder electrical centre to switch positions)</li> </ul>
<p><b>SUPERSTRUCTURE PREPARATIONS</b></p> <ul style="list-style-type: none"> <li>□ <b>SRWL-PK</b> Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W</li> <li>□ <b>SWL-2FW</b> Chassis-mounted working lamps - Two white front mounted LED lamps</li> <li>□ <b>SWL-2RW</b> Chassis-mounted working lamps - Two white rear mounted LED lamps</li> <li>□ <b>SWL-4W</b> Chassis-mounted working lamps - Four white front and rear mounted LED lamps</li> <li>□ <b>SWL-PK</b> Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W</li> <li>□ <b>WLC-H2W</b> Working lamp back of cab - Two white LED high mounted at the back of cab</li> <li>□ <b>WLC-PKCH</b> Working lamp back of cab - Preparation kit - cables and switch</li> <li>□ <b>WLC-PKH</b> Preparation kit, cables and switch for high mounted working lamps back of cab</li> <li>□ <b>WLC-PKL</b> Preparation kit, cables and switch for low mounted working lamps back of cab</li> <li>□ <b>WLC-PKLH</b> Preparation kit - cables and switch for low and high mounted working lamps back of cab.</li> <li>■ <b>ECBB-HIG</b> Bodybuilder module - High level body electrical centre in dash input/output module</li> <li>□ <b>ECBB-MED</b> Bodybuilder module - Medium level body electrical centre in dash input/output module</li> <li>□ <b>BBCHAS1</b> One 7-pole connector for Body builder interface</li> <li>□ <b>BBCHAS3</b> Three 7-pole connectors for Body builder interface</li> </ul>	
<p>■ Standard Equipment                      □ Optional Equipment</p>	

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