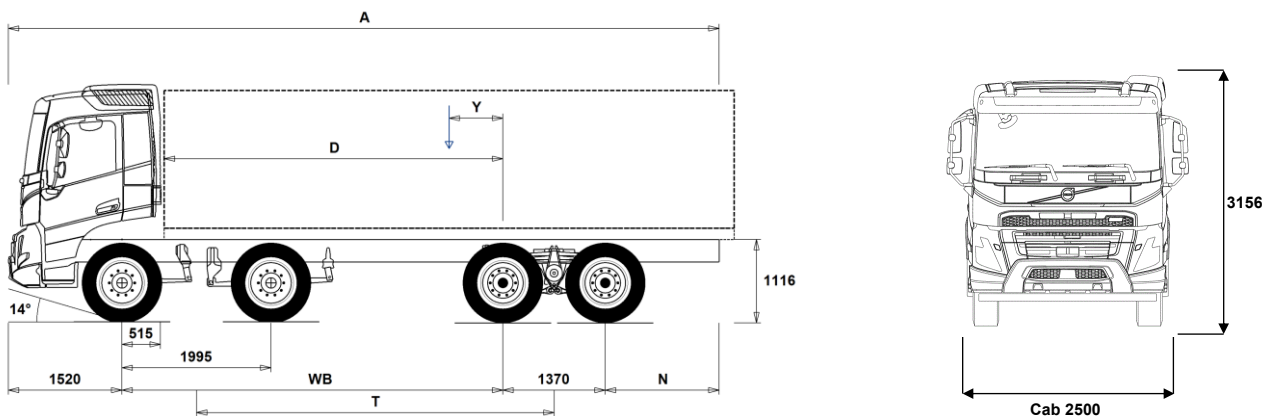


# MODEL RANGE

FMX 13 8x4 Rigid - B/T Ride - N3 or N3G FMX 84RF 3L



## Chassis Dimensions [mm]

WB Wheelbase	5100	5600
A Overall Chassis Length	10815	11565
D Center of rear axle to front of body	4535	5035
N Rear Overhang (Min.)	715	715
N Rear Overhang (Max.)	2825	3075
T Theoretical Wheelbase	4788	5288
Y Center of Gravity for Payload (Min.)	611	751
Y Center of Gravity for Payload (Max.)	1256	1465

## Chassis Weights [kg]

Front Axles	6975	6965
Rear Bogie	2765	2820
Kerb Weight	9740	9785
Payload (including body, driver, fuel, etc.)	22260	22215

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20600	22200
Turning Circle Diameter Wall to Wall	22100	23700

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	37000
Gross Combination Weight	35580	44000
Front Axles	16000	16000
Rear Bogie	19000	21000

## Important Notes

### Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.  
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.  
 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.  
 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 FMX84RF3L.

# MODEL RANGE

FMX 13 8x4 Rigid - B/T Ride - N3 or N3G FMX 84RF 3L

## TRUCK USE

- **RC-ROUGH** Road conditions - On / off-road
- **RC-VROUGH** Road conditions - Very rough
- **TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- **UNIFORM** Transport Adaption - Basic platform vehicle

## CORE COMPONENTS

- **CHH-HIGH** Chassis height - High - for loading heights check the unique BEP chassis drawing attached to this quote
- **CHH-XHIGH** Chassis height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
- **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
- **FMX-DAY6** Cab - Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- **FMX-HSL6** Cab - Globetrotter - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- **FMX-LDA6** Cab - Low Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- **FMX-LSL6** Cab - Low Sleeper - all-steel safety cage design.  
Built to Swedish impact and ECE R29 regulations
- **FMX-SLP6** Cab - Sleeper, with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- **EU6SCR** Emission level - Euro VI step E
- **D13S420A** Engine - New D13K420 12.8 litre developing 420hp at 14-1800rpm.  
Peak torque 2100Nm at 860-1400rpm.
- **D13S460A** Engine - New D13K460 12.8 litre developing 460hp at 14-1800rpm.  
Peak torque 2300Nm at 900-1400rpm.
- **D13S500A** Engine - New D13K500 12.8 litre developing 500hp at 14-1800rpm.  
Peak torque 2500Nm at 1000-1400rpm.
- **D13S540A** Engine - New D13K540 12.8 litre developing 540hp at 14-1800rpm.  
Peak torque 2600Nm at 1000-1450rpm.
- **D13K420** D13K420 - 420hp engine
- **D13K460** D13K460 - 460hp engine
- **D13K500** D13K500 - 500hp engine
- **D13K540** D13K540 - 540hp engine
- **DIESEL** Fuel Type - Diesel
- **EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- **EBR-EPGC** Engine brake type - Exhaust pressure governor for I shift gearbox
- **EBR-VEB+** Engine brake type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Max Retardation D13-375kW / D17-525kW
- **AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only.  
Refer to sales engineering when used in conjunction with a PTO
- **AT2812** Gearbox - AT2812 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
- **ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne.  
Refer to sales engineering when used in conjunction with a PTO
- **ATO3112** Gearbox - ATO3112 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 60tonne.

- 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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

- **PT2606** Refer to sales engineering when used in conjunction with a PTO  
Gearbox - Powertronic automatic 6-speed, max. engine torque 2600 Nm, max. permitted GCW 130000 kg
- **ASO-C** Crawler gear -  
Ratio direct top gearbox 19:1  
Ratio Overdrive gearbox 17:1  
Ultra low crawler and crawler gear -  
Ratios direct top gearbox 32:1 and 19:1  
Ratios Overdrive box 32:1 and 17:1
- **ASO-ULC**
- **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

- **FP-D13** Fuel Package
- **DRIV-EXT** Cab package - Drive Extended
- **DRIV-SEL** Cab Package - Drive Select
- **1LIVINFM** Sleep & Resting Package - Living one-bed
- **2LIVINFM** Sleep & Resting Package - Living two-bed
- **INFOBASE** Basic media package without secondary display
- **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
- **FST-PAR5** Front suspension type - 4 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

# MODEL RANGE

## FMX 13 8x4 Rigid - B/T Ride - N3 or N3G FMX 84RF 3L

<input type="checkbox"/> <b>RAL32</b>	Rear bogie design capacity - 32 tonne	<input type="checkbox"/> <b>ESH-VERT</b>	Exhaust - Horizontal silencer - vertical outlet
<input type="checkbox"/> <b>RAL38</b>	Rear Bogie Design Capacity - 38 tonne	<input type="checkbox"/> <b>ESV-VERT</b>	Vertical silencer, vertical exhaust outlet
<input checked="" type="checkbox"/> <b>RSTAB1</b>	Rear anti-roll bar - Normal stiffness	<input type="checkbox"/> <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished
<input type="checkbox"/> <b>RSAP2</b>	Rear suspension application - Heavy duty with reinforcements	<input type="checkbox"/> <b>EXST-ST</b>	Steel exhaust stack
<input type="checkbox"/> <b>ACTST-TO</b>	Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay	<input type="checkbox"/> <b>WHC-FIX2</b>	Wheel chocks - Two fixed design
<input type="checkbox"/> <b>ASFE-BAS</b>	Active steering feature - Basic - Volvo Dynamic Steering - VDS - only	<input type="checkbox"/> <b>WHC-FOL2</b>	Two foldable wheel chocks
<input type="checkbox"/> <b>ASFE-PS</b>	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> <b>WHCP-F</b>	Wheel chock carrier position - In the front part of the vehicle
<input checked="" type="checkbox"/> <b>PSS-DUAL</b>	Power steering system - Dual	<input type="checkbox"/> <b>WHCP-R</b>	Wheel chock carrier position - In the rear part of the vehicle
<input checked="" type="checkbox"/> <b>PSP-VAR</b>	Power steering pump - Variable displacement	<input type="checkbox"/> <b>WHCP-T</b>	Wheel chock carrier position - Outer luggage locker
<input type="checkbox"/> <b>PSP-VAR2</b>	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> <b>TB-L80</b>	Toolbox 800 mm, left side
<input checked="" type="checkbox"/> <b>EBS-MED</b>	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> <b>TB-R80</b>	Toolbox 800 mm, right side
<input type="checkbox"/> <b>AUXPARK</b>	Auxiliary parking brake - Additional spring brakes	<input type="checkbox"/> <b>SUP-BAS</b>	Side guards - Check with bodybuilder chassis space requirements
<input type="checkbox"/> <b>RST-MUL</b>	Rear suspension type - Multi-leaf spring	<input type="checkbox"/> <b>SUP-LOW</b>	EC approved low chassis side guards
<input checked="" type="checkbox"/> <b>RST-PAR1</b>	Rear suspension type - Parabolic springs	<input type="checkbox"/> <b>CHAIN-S</b>	Snow chains
<input checked="" type="checkbox"/> <b>RST-PAR5</b>	Rear suspension type - Progressive parabolic springs	<input type="checkbox"/> <b>HOOK-SC</b>	Snow chain hooks
<input checked="" type="checkbox"/> <b>FRAME300</b>	Chassis frame section external height - 300 mm	<input checked="" type="checkbox"/> <b>TOWF-HD1</b>	Front towing device - One heavy-duty front towing device
<input checked="" type="checkbox"/> <b>FST8080</b>	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> <b>TOWMBRH</b>	Towing member, high mounted in centre of frame, D = 190
<input type="checkbox"/> <b>FIL-EEEB</b>	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> <b>TOWMBRL1</b>	Towing member, low mounted under the frame
<input type="checkbox"/> <b>FIL-EEEF</b>	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> <b>TOWMBRM</b>	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> <b>FIL-FBEB</b>	Chassis frame inner liner - Over the rear bogie	<input checked="" type="checkbox"/> <b>RFEC-S</b>	Rear frame profile - Straight cut
<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>RFEC-U</b>	Rear frame profile - Slight uppercut for tipper
<input type="checkbox"/> <b>FIL-TXEB</b>	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> <b>C-RI4040</b>	Towing coupling, Ringfeder 4040A
<input type="checkbox"/> <b>FIL-TXEF</b>	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> <b>C-RI5050</b>	Towing coupling, Ringfeder 5050A
<input checked="" type="checkbox"/> <b>BBOX-L</b>	Battery box position - Left hand side	<input type="checkbox"/> <b>C-RO400G</b>	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input type="checkbox"/> <b>2BAT210B</b>	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> <b>C-RO50</b>	Rockinger RO 50 50mm for centre axle trailer
<input checked="" type="checkbox"/> <b>2BAT210C</b>	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> <b>C-VBG795</b>	VBG 795V-3 coupling (centre axle trailer)
<input checked="" type="checkbox"/> <b>BATTAMP</b>	Battery management - Voltage and current gauge	<input type="checkbox"/> <b>TOWR-ONE</b>	Rear cross member towing eye - Capacity 3tonne at 20mph
<input type="checkbox"/> <b>BATTIND</b>	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> <b>TREL-PK</b>	Trailer electrical preparation kit - chassis/cab wiring
<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>TREL14</b>	Single 14 pole electrical trailer connector
<input type="checkbox"/> <b>MSWI-A</b>	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> <b>TREL15</b>	Trailer electrical connection - Single 15 pin - ADR certified
<input checked="" type="checkbox"/> <b>MSWI-R</b>	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> <b>TREL7</b>	7 pole - 24N trailer electrical suzie
<input checked="" type="checkbox"/> <b>UR-FUEL</b>	Right fuel tank - Without Min volume 255l Max volume 810l	<input type="checkbox"/> <b>TREL7-7</b>	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input checked="" type="checkbox"/> <b>UL-FUEL</b>	Left fuel tank - Without Min volume 160l Max volume 450l	<input type="checkbox"/> <b>TBC-DUO</b>	Trailer brake connections - Duomatic type
<input type="checkbox"/> <b>ADTP-L</b>	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> <b>TBC-EC</b>	Trailer brake connections - EC palm coupling connectors
<input type="checkbox"/> <b>ADTP-LF</b>	AdBlue tank position - Chassis mounted on the left-hand side between axle 1 and 2	<input type="checkbox"/> <b>TRBR-STA</b>	Stationary trailer brake control
<input checked="" type="checkbox"/> <b>ADTP-R</b>	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input type="checkbox"/> <b>ADB032</b>	Plastic AdBlue tank - 32 litres	<input type="checkbox"/> <b>FFEND-B</b>	Standard mounted mud wings on second front axle
<input type="checkbox"/> <b>ADB048</b>	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> <b>FFEND-T</b>	Transport mounted mud wings on second front axle
<input type="checkbox"/> <b>ADB064</b>	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> <b>RFEND-B</b>	Rear mud wings - Three piece EC approved and spray flaps
<input checked="" type="checkbox"/> <b>FCAP-L</b>	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> <b>RFEND-T</b>	Rear mud wings - Temporary on drive axle for transport delivery only
<input checked="" type="checkbox"/> <b>FUFF-AS</b>	Fuel filler - Anti-spill device	<input type="checkbox"/> <b>RFH-BAS</b>	Basic rear wing height
<input type="checkbox"/> <b>FUFF-ATS</b>	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> <b>RFH-HIG</b>	High rear wing height - higher wing tops
<input type="checkbox"/> <b>ESH-LEFT</b>	Exhaust - Horizontal silencer - left outlet	<input type="checkbox"/> <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
<input type="checkbox"/> <b>ESH-REAR</b>	Exhaust - Horizontal silencer - rear outlet	<input checked="" type="checkbox"/> <b>ATANK-AL</b>	Air tanks - Aluminium
<input type="checkbox"/> <b>ESH-RIGH</b>	Exhaust - Horizontal silencer - right outlet	<input checked="" type="checkbox"/> <b>ATANK-ST</b>	Air tanks - Steel

Standard Equipment       Optional Equipment

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<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>RT-ALDPD</b> Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing</li> <li><input type="checkbox"/> <b>RT-ALDU</b> Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing</li> <li><input checked="" type="checkbox"/> <b>RT-STEEL</b> Wheels - Steel rims</li> <li><input type="checkbox"/> <b>WCAP</b> Aerodynamic hub caps</li> <li><input type="checkbox"/> <b>SPWT-D</b> Spare wheel &amp; tyre with rear tyre pattern</li> <li><input type="checkbox"/> <b>SPWT-F</b> Spare wheel &amp; tyre with front tyre pattern</li> <li><input type="checkbox"/> <b>SWCP-LF</b> Spare wheel carrier on left side of chassis ahead of rear axle</li> <li><input type="checkbox"/> <b>SWCP-T</b> Spare wheel supplied temporarily strapped to chassis</li> <li><input type="checkbox"/> <b>SWCP-TP</b> Temporary spare wheel carrier on top of chassis frame</li> <li><input type="checkbox"/> <b>JACK-12T</b> 12 tonne bottle jack</li> <li><input type="checkbox"/> <b>JACK-15T</b> 15 tonne bottle jack</li> <li><input type="checkbox"/> <b>JACK-20T</b> 20 tonne bottle jack</li> <li><input checked="" type="checkbox"/> <b>TOOL-BAS</b> Toolkit - Basic</li> <li><input type="checkbox"/> <b>TOOLKIT</b> Toolkit - Complete</li> <li><input type="checkbox"/> <b>INFLAHOS</b> Tyre inflation hose</li> <li><input type="checkbox"/> <b>GAUGE-TP</b> Tyre pressure gauge</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>AF-R</b> Hot fuel recirculation heated fuel filter</li> <li><input checked="" type="checkbox"/> <b>FUEFE2LW</b> Large engine mounted dual fuel filter with water separator</li> <li><input type="checkbox"/> <b>FUEFE2SW</b> Small engine mounted dual fuel filter with water separator</li> <li><input type="checkbox"/> <b>EST-AID</b> Engine starting aid -Preheating element in the air inlet manifold</li> <li><input type="checkbox"/> <b>220EBH15</b> 220V/1.5Kw electric engine block heater</li> <li><input type="checkbox"/> <b>PTER-100</b> Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange</li> <li><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)</li> <li><input type="checkbox"/> <b>PTER1400</b> Engine power-take-off - Rear-mounted with SAE 1410 flange</li> <li><input type="checkbox"/> <b>HPE-F101</b> Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-F41</b> Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-F51</b> Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-F61</b> Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-F81</b> Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-T53</b> Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-T70</b> Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-V45</b> Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>HPE-V75</b> Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump</li> <li><input type="checkbox"/> <b>PTPT-D</b> Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)</li> <li><input type="checkbox"/> <b>PTPT-F</b> Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)</li> <li><input type="checkbox"/> <b>PTR-D</b> Gearbox PTO for plug-in pump, 0.71xeng speed</li> <li><input type="checkbox"/> <b>PTR-DH</b> Gearbox driven high speed PTO for one plug-in hydraulic pump</li> <li><input type="checkbox"/> <b>PTR-DM</b> Gearbox driven medium speed PTO for one plug-in hydraulic pump</li> <li><input type="checkbox"/> <b>PTR-F</b> Gearbox driven PTO with rear flange connection</li> <li><input type="checkbox"/> <b>PTRD-D</b> Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps</li> <li><input type="checkbox"/> <b>PTRD-F</b> PTO with 1 DIN + 1 flange connection rear, manual gearbox</li> <li><input type="checkbox"/> <b>HPG-F101</b> Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted</li> <li><input type="checkbox"/> <b>HPG-F41</b> Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPG-F51</b> Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPG-F61</b> Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow</li> <li><input type="checkbox"/> <b>HPG-F81</b> Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow</li> <li><input checked="" type="checkbox"/> <b>STWPOS-R</b> Steering wheel position - RIGHT-HAND DRIVE</li> <li><input type="checkbox"/> <b>STWM-LE</b> Steering wheel - Leather</li> <li><input type="checkbox"/> <b>STGW-AD2</b> Steering wheel adjustment - Neck tilt, column height and angle</li> <li><input checked="" type="checkbox"/> <b>STGW-ADJ</b> Steering wheel adjustment - Column height and angle</li> <li><input checked="" type="checkbox"/> <b>AIRBAG</b> Driver air bag</li> <li><input checked="" type="checkbox"/> <b>DRC-AMII</b> DPF Regeneration control switch - for manual and switching off regeneration</li> <li><input checked="" type="checkbox"/> <b>1DAYDIG4</b> Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023</li> <li><input type="checkbox"/> <b>ARSL</b> Additional road speed limit - switch in dashboard</li> <li><input type="checkbox"/> <b>ESP-BAS1</b> Electronic Stability Control ESC</li> <li><input type="checkbox"/> <b>ESPC-RO</b> Additional ESC functions - Reduced / Off</li> </ul>
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### DRIVELINE EQUIPMENT

- TRAP-HD** Reinforced gearbox application
- DRM-BE** Drive mode - Balanced & Economy
- DRM-E** Drive mode - Economy
- PVT-MAP** I-See Predictive Cruise Control - using map-based topography information
- PVT-MTM** I-See Predictive Cruise Control - using map-based topography information with lower operating settings
- CRUIS-E** Cruise control - with I-roll and I-cruise, controls in steering wheel
- CRUIS-E5** Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
- AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
- AVO-ENH** I-Shift application software - Construction and off road applications
- APF-ENH** I-shift enhanced PTO functions
- CD43-O** Clutch - 430mm twin plate
- RET-TH** Gearbox mounted retarder
- RET-TP** Hydraulic Retarder for Powertronic gearbox
- TC-HWO** Transmission oil cooler - water to oil
- TC-MAOH2** Extra high performance transmission oil cooler - air to oil with front mounted radiator
- TC-MWO** Basic transmission oil cooler - water to oil
- 2COM1100** Air compressor - Two-cylinder 1100 litres per minute
- 2COMP870** Air compressor - Two-cylinder 870 litres per minute
- 2COMP900** Air compressor - Two-cylinder 900 litres per minute
- CLU-AIRC** Clutchable air compressor
- AIRIN-HI** Air intake - Roof-mounted behind cab on the left-hand side
- AIRIN-LO** Low level air intake behind cab on left hand side
- ACL1ST-S** Air filter - two-stage element
- 24A110BL** Alternator capacity - 110 amp
- 24A150BL** Alternator capacity - 150 amp
- 24A180BL** Alternator capacity - 180 amp
- 24AL110B** Alternator capacity - 110 amp
- 24AL150B** Alternator capacity - 150 amp
- CCV-C** Closed crankcase engine ventilation
- CCV-O** Open crankcase engine breather
- CCV-OX** Closed crankcase ventilation for cold markets
- PRIM-EL** Electrical priming pump
- PRIM-MAN** Manual priming pump
- FUEQ-EH** Fuel line electric heater

Standard Equipment       Optional Equipment

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# MODEL RANGE

## FMX 13 8x4 Rigid - B/T Ride - N3 or N3G FMX 84RF 3L

<input type="checkbox"/> <b>HWSS-ACB</b>	Forward collision warning with adaptive cruise control and AEBs advanced emergency brake system	<input type="checkbox"/> <b>SBPRE-DS</b>	Driver seat belt pretensioner
■ <b>HWSS-FCB</b>	Forward collision warning with AEBs advanced emergency brake system	■ <b>PST-BAS1</b>	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
<input type="checkbox"/> <b>LSS-DW</b>	Lane departure warning system	<input type="checkbox"/> <b>PST-CF4</b>	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
<input type="checkbox"/> <b>LSS-DW3</b>	Lane departure warning system with pilot assist	<input type="checkbox"/> <b>PST-CF5</b>	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
■ <b>LCS4</b>	Side Collision Avoidance Support - Passenger and driver side	<input type="checkbox"/> <b>PST-STD2</b>	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
<input type="checkbox"/> <b>LCS5</b>	Side Collision Avoidance Support - Active support with emergency brake on passenger side. Collision warning on passenger and driver side	<input type="checkbox"/> <b>PST-STD4</b>	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
■ <b>DAS-W2</b>	Driver Alert Support with driver attention monitoring to comply with EU GSR2 step 2 regulations	<input type="checkbox"/> <b>SBPRE-PS</b>	Passenger seat belt pretensioner
■ <b>PB-AUT2</b>	Parking Brake - Automatic using in cab sensors when driver leaves the seat	<input type="checkbox"/> <b>ARMRE-BB</b>	Armrests - Two on both driver & passenger seats
<input type="checkbox"/> <b>RSSENS-W</b>	Rain sensing windscreen wipers	<input type="checkbox"/> <b>ARMRE-DB</b>	Armrests - Two on the driver seat
■ <b>CU-ECC</b>	Cab climate Unit - Electrically controlled air conditioning with sun sensor	<input type="checkbox"/> <b>ARMRE-PB</b>	Armrests - Two on the passenger seat
<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>ARU-BAS</b>	Armrest upholstery - Vinyl
■ <b>IGT-BUT</b>	Vehicle starting - Push-button	<input type="checkbox"/> <b>ARU-LEA</b>	Armrest upholstery - Leather
■ <b>IMMOBIL</b>	Immobiliser	■ <b>FMAT-RUB</b>	Footwell floor mats - Rubber
<input type="checkbox"/> <b>ALARM-E</b>	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> <b>FMAT-TX2</b>	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
<input type="checkbox"/> <b>ALCOLOCK</b>	Alcolock	<input type="checkbox"/> <b>LBK70</b>	Lower bunk - Fixed 700 x 2000 mm
<input type="checkbox"/> <b>BUPMON</b>	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.	<input type="checkbox"/> <b>MATL-FI</b>	Lower mattress - Firm pocket sprung
<input type="checkbox"/> <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> <b>MATL-SF</b>	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<input type="checkbox"/> <b>ISUNS-BS</b>	Side sun visor - Driver & passenger side	<input type="checkbox"/> <b>OLMAT-BA</b>	Mattress overlay protector - 35mm thick
■ <b>ISUNS-DS</b>	Side sun visor - Driver-side	<input type="checkbox"/> <b>OLMAT-PR</b>	Mattress overlay protector - Premium 50mm thick
<input type="checkbox"/> <b>ISUNF-B</b>	Interior front sun visor without mirror	<input type="checkbox"/> <b>TBK60F</b>	Top bunk - Fixed foldable 600 x 1900mm
<input type="checkbox"/> <b>ISUNF-MD</b>	Interior front sun visor with mirror on driver side	<input type="checkbox"/> <b>TBK70F</b>	Top bunk - Fixed foldable 700 x 1900mm
<input type="checkbox"/> <b>ISUNF-RE</b>	Electrically operated textile interior sun blind	<input type="checkbox"/> <b>PH-CAB2</b>	Cab parking heater -1.8kW Air to air
■ <b>ISUNF-RM</b>	Manually operated textile interior sun blind	<input type="checkbox"/> <b>PH-ENGCA</b>	Cab parking heater - Engine and cab
<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>PH-SS</b>	Cab parking heater - Short stop
■ <b>BUPALARM</b>	Reverse alarm	<input type="checkbox"/> <b>SLCP-BAS</b>	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> <b>ETSB-F</b>	Storage on engine tunnel - Central document box with two rear cup holders
<input type="checkbox"/> <b>REMC-MF</b>	Multi-functio wireless remote control	<input type="checkbox"/> <b>ETSB-FR</b>	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
<input type="checkbox"/> <b>FIREXT3S</b>	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> <b>ETSB-R</b>	Storage on engine tunnel - Open storage pocket on cab rear wall
<input type="checkbox"/> <b>WARNVEST</b>	High visibility warning vest - No sleeves	<input type="checkbox"/> <b>RUS-BAS</b>	Rear cab upper storage - 300 mm high
<input type="checkbox"/> <b>AIDKIT</b>	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> <b>RUS-HIG</b>	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> <b>AIDKIT1B</b>	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> <b>REF-ICPK</b>	Fridge - Engine tunnel mounted preparation kit
<input type="checkbox"/> <b>WARNLAMP</b>	Portable warning lamp	<input type="checkbox"/> <b>REFR-RUS</b>	Fridge - 28 litre rear upper wall mounted with dividers
<input type="checkbox"/> <b>LAMP-IN</b>	Inspection lamp	<input type="checkbox"/> <b>MICRO-PK</b>	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> <b>BULBKIT</b>	Bulb and fuse kit	<input type="checkbox"/> <b>BOTH-D</b>	Bottle holder - One under dashboard centre section
<input type="checkbox"/> <b>WRITEPAD</b>	Writing pad	<input type="checkbox"/> <b>COFMA-PK</b>	Coffee maker - Preparation kit.
■ <b>DST-CF4</b>	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	■ <b>INLI-BAS</b>	Interior light - White LEDs
<input type="checkbox"/> <b>DST-CF5</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> <b>INLI-NL</b>	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> <b>DST-CF6</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input type="checkbox"/> <b>INLI-NLD</b>	Interior light - White and red nightlight LEDs with dimmer
<input type="checkbox"/> <b>DST-LUX1</b>	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt	<input type="checkbox"/> <b>ARL-FLEX</b>	Flexible reading lamps - Two "snake" type
<input type="checkbox"/> <b>SBD-RED</b>	Seat belt colour - Red	■ <b>RH-EE</b>	Fixed tinted glass sky window with emergency exit
		<input type="checkbox"/> <b>RH-ER</b>	Steel roof hatch - Electrically operated, rear opening with emergency exit
		<input type="checkbox"/> <b>RH-ETR</b>	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
		<input type="checkbox"/> <b>RH-MTR</b>	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
		■ <b>GLAS-TIN</b>	Cab windows - Tinted
		<input type="checkbox"/> <b>SWIND-BS</b>	Cab side window - On both sides behind 'B' post
		<input type="checkbox"/> <b>SWIND-PS</b>	Cab side window - Left side behind 'B' post
		<input type="checkbox"/> <b>AWIND-RF</b>	Rear window
		<input type="checkbox"/> <b>VANMIR</b>	Vanity mirror - In front shelf

■ Standard Equipment

Optional Equipment

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FMX 13 8x4 Rigid - B/T Ride - N3 or N3G FMX 84RF 3L

- AS-FUS** Extra shelf in front compartments
- INFOT-PK** TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections

## 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.
- **DGLAS-H** Door glass - Hardened
- DGLAS-L** Door glass - Laminated
- **BUMP-HD** Front bumper - Heavy duty
- AUXFS** Lower swinging cab step
- GUARD-EH** Sump and radiator guard - to protect engine and hoses
- **BUGNET** Radiator insect screen
- CTILTP-E** Electrically operated hydraulic cab tilt
- **CTILTP-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
- MIRCFCPX** Mirrors - Electrically heated and operated FMX main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings
- MIRC MCP** 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
- **MIRC COMFX** Mirrors - Electrically heated and operated FMX main and wide angle and manually adjusted passenger kerb and front mirror. To increase direct vision to the side the main mirrors have no cowlings
- **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
- HBDA-A** Headlight main beam switching - Automatic
- **HL-CLEAN** Headlight cleaner - Washer jets
- HLP-ST** Headlight protection
- **UDRIVL** Auxiliary driving lights - Without
- ASL-RF2** Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box
- BEACOA2F** Roof beacons - Two front roof mounted amber LED
- BEACOA2R** Roof beacons - Two rear roof mounted amber LED
- BEACON-P** Roof beacons - switch and wiring preparation only
- BEACONA4** Roof beacons - Four amber LED - two front/ two rear
- CABPT-R1** Single outlet for roof mounted accessories
- **CABPT-R2** Twin outlets for roof mounted accessories.
- SPOTP-F** Spotlamp preparation in front, max 280W
- SPOTP-R** Spotlamp preparation on roof, max 280W
- SPOTP-RF** Spotlamp preparation on cab roof and in cab front, max 2x280W
- ROS-IL2** Preparation kit for illuminated roof sign with switch loose in cab, fit after registration
- CSGN-FMX** Cab sign logo - "Volvo FMX"

- **HORN-F1S** Horn - Air single tone - chassis mounted
- HORN-R2S** Horn - Air - Two roof-mounted
- ANT-CBR** Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.
- ACCBP-AP** Front, middle & rear roof mounted accessory brackets
- ACCBP-F** Front roof mounted accessory bracket
- ACCBP-FM** Front & middle roof mounted accessory brackets
- ACCBP-FR** Front & rear roof mounted accessory brackets
- ACCBP-M** Middle roof mounted accessory bracket
- ACCBP-R** Rear roof mounted accessory bracket
- ACCBP-RM** Rear & middle roof mounted accessory brackets
- REFS-TW** White cab conspicuity markings by packed in cab
- REFS-TY** Yellow cab conspicuity markings by packed in cab

## SUPERSTRUCTURE PREPARATIONS

- SRWL-PK** Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
- SWL-2FW** Chassis-mounted working lamps - Two white front mounted LED lamps
- SWL-2RW** Chassis-mounted working lamps - Two white rear mounted LED lamps
- SWL-4W** Chassis-mounted working lamps - Four white front and rear mounted LED lamps
- SWL-PK** Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
- WLC-H2A** Working lamp back of cab - Two amber LED high mounted
- WLC-H2W** Working lamp back of cab - Two white LED high mounted at the back of cab
- WLC-PKCH** Working lamp back of cab - Preparation kit - cables and switch
- WLC-PKH** Preparation kit, cables and switch for high mounted working lamps back of cab
- WLC-PKL** Preparation kit, cables and switch for low mounted working lamps back of cab
- WLC-PKLH** Preparation kit - cables and switch for low and high mounted working lamps back of cab.
- **ECBB-HIG** Bodybuilder module - High level body electrical centre in dash input/output module
- BBCHAS1** One 7-pole connector for Body builder interface
- BBCHAS3** Three 7-pole connectors for Body builder interface
- BEPR-T2** Body builder electrical software preparation for tipper with remote control
- EXSTER** External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
- **TD-LED** Trailer detection with LED sensing
- FRFS-B5** Frame rail free space - both sides to give space for crane legs or other equipment
- FBA-BTF** Lower front body attachments for torsionally flexible - platform body
- FBA-BTSF** Lower front body attachments for torsionally semi-flexible body - box or curtainsider
- HBA-FSFB** Holes for body attachments - flexible/semi-flexible body
- HBA-SB** Holes for body attachments - stiff body
- RBA-T2** Lower rear body attachments for helper frame
- CRANEPK1** Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
- CRANEPK2** Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
- CRANEPK4** Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
- AUXL-SPK** Electrical preparation kit - wiring and switch for snow plough lights
- TAILPRE2** Tail lift preparation kit, wireless remote operation
- TAILPREP** Taillift preparation kit - cab switch and warning in driver display
- AESW2** Two Body builder bistable electrical switches (marked AUX1 / AUX2)

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- **AESW2PK** 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
- **AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)

## DELIVERY SERVICES

- **TGW-4GWL** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
- **FMS-PK** Fleet management system gateway - Required for aftermarket telematics
- **DRUT1** Driver utility app - "My Truck" - 1 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- **DRUT2** Driver utility app - "My Truck" - 2 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- **DRUT3** Driver utility app - "My Truck" - 3 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- **DRUT4** Driver utility app - "My Truck" - 4 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription
- **DRUT5** Driver utility app - "My Truck" - 5 year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription