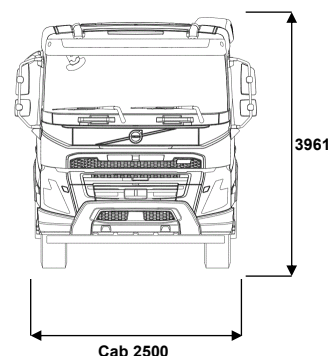
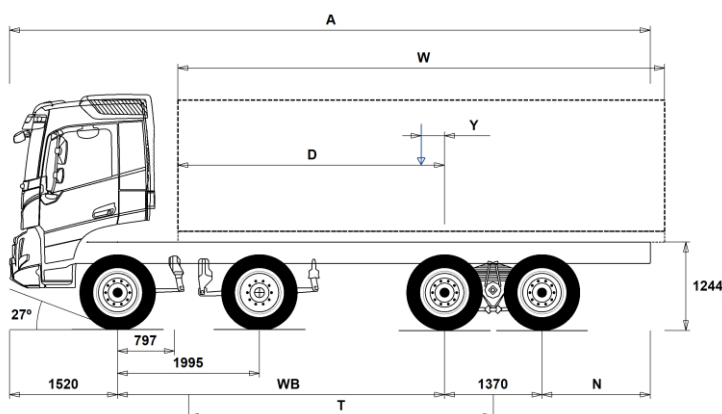


MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L



Chassis Dimensions [mm]

WB Wheelbase	4600	4900	5100	5600
A Overall Chassis Length	10715	10465	10815	11565
D Center of rear axle to front of body	3753	4053	4253	4753
N Rear Overhang (Min.)	825	825	825	825
N Rear Overhang (Max.)	3225	2675	2825	3075
T Theoretical Wheelbase	4288	4588	4788	5288
Y Center of Gravity for Payload (Min.)	651	744	810	976
Y Center of Gravity for Payload (Max.)	651	744	810	976
W Body Length (Min.)	6204	6618	6885	7553
W Body Length (Max.)	6204	6618	6885	7553

Chassis Weights [kg]

Front Axles	7810	7815	7800	7760
Rear Bogie	3485	3485	3545	3655
Kerb Weight	11295	11300	11345	11415
Payload (including body, driver, fuel, etc.)	32705	32700	32655	32585

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	19400	20300	21000	22600
Turning Circle Diameter Wall to Wall	20800	21700	22400	24000

Plated Weights [kg]

	Design
Gross Vehicle Weight	44000
Gross Combination Weight	50000
Front Axles	18000
Rear Bogie	26000

Important Notes

Chassis Dimensions

Cab Height: +413 mm for CAB-HSLP, -749 mm for CAB-LDAY, -749 mm for CAB-LSLP, +413 mm for CAB-SLP.
 Front Axle to Back of Cab: +400 mm for CAB-HSLP and CAB-SLP, -351 mm for CAB-LDAY, +143 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.
 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 $\pm 3\%$.

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 FMX86RF3L.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

Transport operation

- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **RC-VROUG** Very rough road conditions: more than 5% of the driven distance is on extremely poor roads or off-road.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **RADD-TR2** Rear leaf suspension - two axles, both driving (max. technical bogie load 32 tonnes)
- **RADD-TR3** Rear leaf suspension - two axles, both driving (max. technical bogie load 38 tonnes)
- **FMX-DAY6** FMX day cab
- **FMX-HSL6** FMX Globetrotter, high sleeper cab
- **FMX-LDA6** FMX low day cab
- **FMX-LSL6** FMX low sleeper cab
- **FMX-SLP6** FMX sleeper cab
- **EU3** Euro 3 emission level
- **EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
- **EU5EEV** Euro 5, Enhanced Environmentally Friendly Vehicle (EEV)
- **EU5SCR-M** Euro 5 with Selective Catalytic Reduction (SCR)
- **D13A380** Diesel engine, Euro 4, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13A400** Diesel engine, Euro 3, 12.8 litres, 400 hp/294 kW, 2000 Nm
- **D13A420** Diesel engine, Euro 4, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13A440** Diesel engine, Euro 3, 12.8 litres, 440 hp/324 kW, 2200 Nm
- **D13A460** Diesel engine, Euro 4, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13A480** Diesel engine, Euro 3, 12.8 litres, 480 hp/353 kW, 2400 Nm
- **D13A500** Diesel engine, Euro 4, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13A520** Diesel engine, Euro 3, 12.8 litres, 520 hp/382 kW, 2500 Nm
- **D13C380** Diesel engine, Euro 5, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13C420** Diesel engine, Euro 5, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13C460** Diesel engine, Euro 5, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13C500** Diesel engine, Euro 5, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13C540** Diesel engine, Euro 5, 12.8 litres, 540 hp/397 kW, 2600 Nm
- **DIESEL** Diesel fuel
- **DIESEL-B** Fuel blends up to 100% biodiesel
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **RTH2610B** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, 4 planet gears
- **RTH2610F** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTH3210F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 100 tonnes, version F
- **RTH3212F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 120 tonnes, version F
- **RTH3312** Rear hub reduction tandem axle - bogie load 33 tonnes, GCW 120 tonnes
- **RTH3815** Rear hub reduction tandem axle - bogie load 38 tonnes, GCW 150 tonnes

Packages

- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)

Chassis

- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PAR5** Four-leaf front parabolic springs (extra stiff)

- **FAL18.0** Front axle load 18.0 tonnes, double front axles
- **FAL20.0** Front axle load 20.0 tonnes, double front axles
- **FSTAB** Front anti-roll bar, normal stiffness
- **RAL26** Rear axles load 26 tonnes
- **RAL32** Rear axles load 32 tonnes
- **RAL38** Rear axles load 38 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSAP2** Heavy duty rear suspension application (with reinforcements)
- **PSS-DUAL** Dual power steering system
- **PSP-VAR** Power steering pump with variable displacement
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **AUXPARK** Extra parking brake on one axle
- **RST-MUL** Rear multi-leaf springs
- **RST-PAR1** Rear parabolic leaf springs
- **RST-PAR5** Rear parabolic leaf springs
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **FIL-FBEB** Frame inner liner from front of bogie to end of bogie
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **FIL-TXEF** Frame inner liner from transmission cross member to end of frame
- **BBOX-L** Battery box on left-hand side
- **2BAT210C** AGM batteries, 2x210 Ah
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- **MSWI-C** Main switch on chassis
- **MSWI-R** Key remote controlled main switch
- **R315S56** Right 315-litre, D-shaped steel fuel tank, 560 mm high
Min volume 315l
Max volume 630l
- **UL-FUEL** Without left side fuel tank
- **ADTP-L** AdBlue tank on left hand side
- **ADTP-R** AdBlue tank on right hand side
- **ADB032** AdBlue tank: usable volume 32 litres, mounted, mounted on chassis side
- **FCAP-L** Lockable diesel and AdBlue filler caps
- **FUFF-AS** Fuel filling anti-spillage device
- **FUFF-ATS** Fuel filling anti-theft and anti-spillage device
- **ESH-REAR** Horizontal silencer, rear exhaust outlet
- **ESH-VERT** Horizontal silencer, vertical exhaust outlet on right-hand side
- **ESV-VERT** Vertical silencer, vertical exhaust outlet on right-hand side
- **EXST-SSP** Vertical exhaust top pipe, bright polished stainless steel
- **EXST-ST** Vertical exhaust top pipe, aluminised steel
- **WHC-FIX2** Two non-collapsible wheel chocks
- **WHC-FOL2** Two collapsible wheel chocks
- **WHCP-F** Wheel chock holder in the front part of the vehicle
- **WHCP-R** Wheel chock holder in the rear part of the vehicle
- **WHCP-T** Wheel chock holder by-packed in cab outer luggage compartment
- **TOWMBRH** Towing member, high-mounted in centre of frame
- **TOWMBRM** Towing member, medium-mounted in line with lower frame flange
- **RFEC-S** Straight-cut rear frame end
- **RFEC-U** Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

- **C-RI4040** Coupling Ringfeder 4040A G-150
- **C-RI4045** Coupling Ringfeder 4045A G-150
- **C-RI5050** Coupling Ringfeder 5050A G-150
- **C-RO400G** Coupling Rockinger 400 G-150
- **C-RO50** Coupling Rockinger 50 mm
- **C-VBG520** Coupling VBG 5200D
- **C-VBG795** Coupling VBG 795V
- **TOWR-ONE** Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.
- **TREL-PK** Trailer electrical preparation kit (chassis/cab wiring)
- **TREL15** 15-pin trailer connection (ADR certified)
- **TREL7-7** 2x7-pin trailer connection (ISO 24N+24S, non-ADR)
- **TBC-EC** Trailer brake connection, European Community
- **TRBR-HCF** Full-pressure, hand-controlled trailer brake check (8 bar)
- **TRBR-HCR** Reduced-pressure, hand-controlled trailer brake check (4 bar)
- **TRBR-STA** Stationary trailer brake check
- **TRB-STRE** Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
- **FFEND-T** Transport-mounted mudguards on second front axle
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFH-BAS** Basic mudguard installation height on 2nd front axle and rear axles
- **RFH-HIG** High mudguard installation height on 2nd front axle and rear axles
- **RFH-LOW** Low mudguard installation height on 2nd front axle and rear axles
- **ATANK-ST** Steel air tanks
- **TL-LED** LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
- **BLIGHT-E** Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s² or more. The function deactivates when retardation is less than 2.5 m/s².

Rims and tyres

- **RT-STEEL** Steel rims on all axles
- **SPWT-D** Spare driving wheel
- **SPWT-F** Spare front wheel
- **SWCP-T** Spare wheel transport-mounted on top of frame
- **SWCP-TP** Spare wheel and carrier transport-mounted on top of frame
- **JACK-20T** Hydraulic jack, 20 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination.
For FM: Height 190-325 mm, weight 10.5 kg
For FH: height 240-467 mm, weight 13.3 kg
- **TOOLKIT** This kit consists of a tool bag (case) including the following tools:
 - Combination screwdriver.
 - 1 screwdriver handle
 - 1 blade, Philips/flat blade
 - 1 blade, Torx T10/Torx T20
 - 1 blade, Torx T25/Torx T27
 - 1 blade, Torx T30/Torx T40
 - Socket wrench.
 - Adjustable pliers.
 - Allen key.
 - Adjustable spanner.
 - Hammer.

■ Standard Equipment

□ Optional Equipment

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Powertrain equipment

- **TRAP-HD** Reinforced gearbox range housing
- **DRM-BE** I-Shift drive modes Economy, Standard and Performance
- **DRM-E** I-Shift drive mode Economy
- **CRUIS-E** I-Cruise cruise control, I-Roll included
- **CRUIS-E5** I-Torque cruise control, optimized for fuel economy, I-Roll included
- **AMSO-AUT** I-Shift manual gear shifting available in automatic mode, including kick-down function
- **AVO-ENH** I-Shift with enhanced software for construction and off-road applications
- **APF-ENH** I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)
- **RET-TPT** Gearbox-mounted Powertronic primary retarder
- **TC-HWO** Cooler for hydraulic gearboxes - water/oil
- **TC-MAOH2** Extra high performance cooler for manual/I-shift gearboxes - air/oil
- **TC-MWOH2** High performance cooler for manual/I-Shift gearboxes - water/oil
- **2COM1080** Dual-cylinder air compressor 704 cc, 1080 l/min
- **2COMP900** Dual-cylinder air compressor 636 cc, 900 l/min
- **AIRIN-HI** High air inlet
- **AIRIN-LO** Low air inlet
- **ACL1ST-S** Air cleaner with extra filter element
- **24A110BL** Alternator 110 Ampere
- **24A150BL** Alternator 150 Ampere
- **24A180BL** Alternator 180 Ampere
- **24AL110B** Alternator 110 Ampere
- **24AL150B** Alternator 150 Ampere
- **CCV-O** Open crankcase ventilation
- **PRIM-MAN** Manual priming pump for removal of air in the fuel system
- **FUEFE2LW** Large engine-mounted dual fuel filter with water separator and drain
- **FUEFE2SW** Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
- **PTER-100** Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
- **PTER-DIN** Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
- **PTER1400** Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
- **HPE-F101** Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
- **HPE-F41** Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
- **HPE-F51** Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
- **HPE-F61** Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
- **HPE-F81** Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
- **HPE-T53** Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
- **HPE-T70** Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
- **HPE-V45** Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
- **HPE-V75** Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
- **PTPT-D** Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
- **PTPT-F** Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
- **PTR-D** Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ ISUNF-B	
☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	☐ ISUNF-MD	
☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm	☐ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred
☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm	☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred
☐ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm	☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	☒ BUPALARM	Reversing warning
☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	☐ REMC-MF	Wireless remote control, multi-functional
☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	☐ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal
☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	☐ WARNTRI2	Two warning triangles
☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
		☐ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
Cab Interior, Driving		☒ WRITEPAD	Writing pad with paper clamp
☒ STWPOS-R	Right-hand drive	Cab Interior, Living	
☐ STWM-LE	Steering wheel material leather	☒ DST-CF1	Driver's seat Comfort
☐ STGW-AD2	Manually adjustable steering wheel with neck tilt	☐ DST-CF4	Driver's seat Comfort, belt in seat
☒ STGW-ADJ	Manually adjustable steering wheel	☐ SBD-RED	Red safety belts, passenger and driver seats
☐ AIRBAG	Airbag on driver's side	☐ SBPRE-DS	Driver's seat belt pretensioner
☒ 1DAYB	One-day analogue tachograph, basic	☐ PST-CF4	Passenger seat Comfort, suspended, belt in seat
☐ 1DAYDIG	One-day digital tachograph, EC approved	☒ PST-STD2	Passenger seat Regular, non-suspended
☐ 1DAYDIG4	Gen 4, one-day digital tachograph, EC approved	☐ PST-STD4	Passenger seat Regular, suspended
☐ ARSL	Additional, temporary road speed limiter control (switch in dashboard)	☐ ARMRE-DB	Two armrests on driver's seat
☒ ACCLF-D	Volvo torque assist - Disabled	☐ ARU-BAS	Vinyl armrest upholstery
☐ ACCLF-E	Volvo torque assist - Enabled	☐ ARU-LEA	Leather armrest upholstery
☐ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	☒ FMAT-RUB	Black rubber floor mats
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	☐ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)	☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
☐ LSS-DW	Lane Keeping Support - lane departure warning	☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
☐ LCS3	Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side	☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile
☐ LCS5	Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side	☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
☐ DAS-W	Driver Alert Support, monitoring of vehicle handling	☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ DAS-W2	Driver Alert Support, monitoring of vehicle handling and driver attention	☐ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☒ PB-AUT2	Parking brake applied automatically when driver leaves the seat	☐ PH-CAB2	Cab parking heater, 2 kW
☐ RSENS-W	Wipers rain sensor	☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
☐ CU-ECC	Automatic climate control with sun sensor	☐ ETSB-F	Storage at front of engine tunnel
☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	☒ ETSB-R	Storage at back of engine tunnel, against rear cab wall
☒ CU-MCC	Manual climate control (heater/cooler function)	☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
☐ IGT-BUT	Push button ignition	☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
☐ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	☐ REF-ICPK	Preparation kit for refrigerator
☐ PHONE-PK		☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	☐ BOTH-D	One bottle holder under dashboard centre section
☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming

☒ Standard Equipment

☐ Optional Equipment

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☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	☒ BEACOA2F	Two amber LED beacons on cab front roof
☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ BEACOA2R	Two amber LED beacons on cab rear roof
☐ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	☐ BEACON-P	Preparation kit for roof beacons
☒ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	☐ BEACONA4	Four amber LED beacons on roof - two on front, two on rear
☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	☐ CABPT-R1	One front cab roof pass-through on passenger side
☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	☒ CABPT-R2	Two front cab roof pass-throughs, one on each side
☒ GLAS-UNT	Untinted windows	☐ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
☐ SWIND-BS	Rear side window on both sides	☐ SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
☐ AWIND-RF	Fixed window in back of cab (without curtains)	☐ SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
☐ VANMIR	Vanity mirror in front shelf lid	☐ ROS-IL	Roof sign illumination
☐ AS-FUS	One extra shelf in each of the two front upper storage compartments	☐ ROS-IL2	Preparation kit for installation of roof sign illumination
☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ CSGN-FMX	FMX decal in roof sign box
Cab exterior		☐ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
☒ EXTL-BAS	Exterior trim level basic	☒ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☒ DGLAS-H	Tempered door window glass	☒ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	☐ ACCB-AP	Accessory brackets mounted on front roof, midroof and rear roof
☒ BUMP-HD	Heavy-duty front bumper	☒ ACCB-F	Accessory bracket mounted on front roof
☒ AUXFS	Extra footstep in cab side	☐ ACCB-FM	Accessory brackets mounted on front roof and midroof
☒ GUARD-EH	Guard plate for cooling pipes and oil sump	☐ ACCB-FR	Accessory brackets mounted on front and rear roof
☐ SIDEH-B	Guide rail on day cab, driver's side	☐ ACCB-M	Accessory bracket mounted on midroof
☐ SIDSTP-R	Side ladder and guide rail on day cab, driver's side	☐ ACCB-R	Accessory brackets mounted on rear roof
☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ ACCB-RM	Accessory brackets mounted on mid-roof and rear roof
☐ CTILT-P-E	Electric cab tilt pump	Superstructure preparations	
☒ CTILT-P-M	Manual cab tilt pump	☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ FCABS-A	Air front cab suspension	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
☒ FCABS-M	Mechanical front cab suspension	☐ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
☐ RCABS-A	Air rear cab suspension	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☒ RCABS-M	Mechanical rear cab suspension	☐ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
☐ MIRCFCPX	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX)	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
☒ MIRCOMFX	Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror	☐ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
☒ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ WLC-H2A	
☒ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
☐ AD-ROOF	Roof air deflector	☐ WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
☐ AD-SIDES	Cab side air deflectors, short	☐ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
☒ HL-BASIC	Halogen H7 headlamps	☐ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
☐ HL-LED	LED headlamps	☐ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
☐ HL-LED3	LED headlamps with adaptive high beam	☐ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
☐ HBDA-A	Automatic main beam deactivation and reactivation	☒ ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
☐ HL-CLEAN	High-pressure headlamp cleaner	☒ BBCHAS1	One 7-pole bodywork connector on chassis
☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)	☐ BBCHAS3	Three 7-pole bodywork connectors on chassis
☐ HL-ADJ	Manually adjustable headlamp beam	☐ BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
☒ DRL-LED	Daytime running lamps (LED)	☐ TD-LED	Trailer detection with LED sensor
☐ ASL-RF2	Two LED spot lamps in sign box	☐ FBA-BTF	Front body attachment brackets, lower, for flexible body
☐ IDLAMP-W	Three white identification lamps on mid front roof	☐ FBA-BTSF	Front body attachment brackets, lower, for semi-flexible body
		☒ HBA-FSFB	Holes for body attachments, flexible/semi-flexible body
		☐ HBA-SB	Holes for body attachments, stiff body
		☐ RBA-T2	Rear body attachment brackets, lower

☒ 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.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

- **AUXL-SPK** Preparation kit (wiring and a switch in dashboard) for snow plough lamps
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift preparation kit
- **AESW2** 2 bistable bodywork switches (marked AUX1/AUX2)
- **AESW2PK** 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
- **AUXSW-4** Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)

Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)

Volvo Trucks. Driving Progress