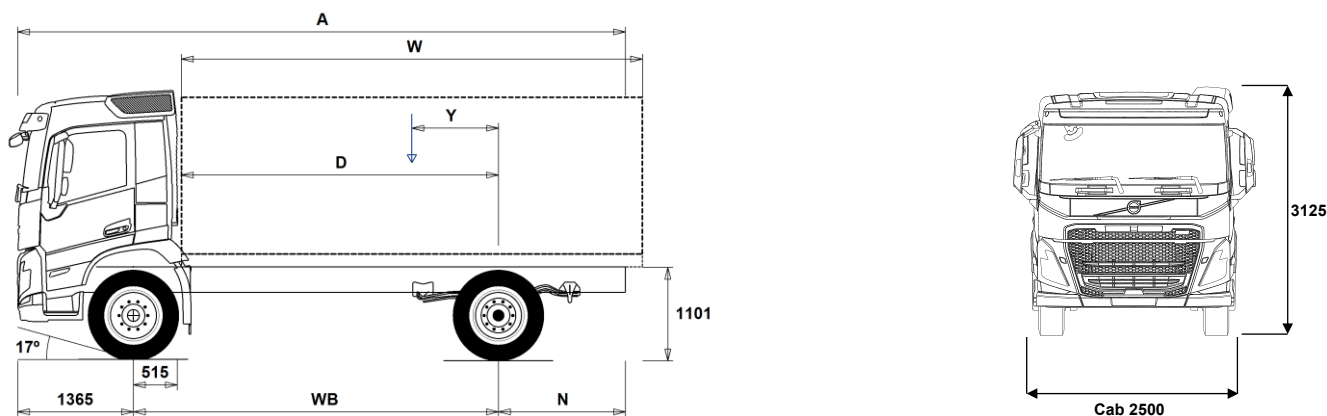


MODEL RANGE

FM D13 42 Rigid Diesel Rear Leaf FM 42R 3L



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4000	4300	4600	4900	5200	5600	6000
A Overall Chassis Length	6660	7110	7510	8010	8510	8960	9460	10060	10660
D Center of rear axle to front of body	2835	3135	3435	3735	4035	4335	4635	5035	5435
N Rear Overhang (Min.)	1395	1395	1395	1395	1395	1395	1395	1395	1395
N Rear Overhang (Max.)	1895	2045	2145	2345	2545	2695	2895	3095	3295
Y Center of Gravity for Payload (Min.)	493	542	587	634	681	729	775	836	893
Y Center of Gravity for Payload (Max.)	493	542	587	634	681	729	775	836	893
W Body Length (Min.)	4686	5187	5699	6204	6710	7214	7722	8400	9087
W Body Length (Max.)	4686	5187	5699	6204	6710	7214	7722	8400	9087

Chassis Weights [kg]

Front Axle	4610	4600	4605	4600	4605	4600	4605	4610	4620
Rear Axle	1780	1820	1855	1900	1945	1975	2020	2055	2105
Kerb Weight	6390	6420	6460	6500	6550	6575	6625	6665	6725
Payload (including body, driver, fuel, etc.)	9610	9580	9540	9500	9450	9425	9375	9335	9275

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12400	13400	14300	15200	16100	17000	17900	19200	20400
Turning Circle Diameter Wall to Wall	13800	14800	15700	16600	17500	18400	19400	20600	21800

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	16000	20100
Gross Combination Weight	0	44000
Front Axle	6000	7100
Rear Axle	10000	13000

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.
 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 FM42R3L.

MODEL RANGE

FM D13 42 Rigid Diesel Rear Leaf FM 42R 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-SMOOT** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CDCOPREP** Preparation kit for day cab cut-out (free text CA needed)
- **FM-CREW** FM crew cab (free-text CA needed)
- **FM-DAY6** FM day cab
- **FM-HSLP6** FM Globetrotter, high sleeper cab
- **FM-LDAY6** FM low day cab
- **FM-LSLP6** FM low sleeper cab
- **FM-SLP6** FM sleeper cab
- **EU3** Euro 3 emission level
- **EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
- **EU5SCR-M** Euro 5 with Selective Catalytic Reduction (SCR)
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D13S420A** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13S460A** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2100 Nm
- **D13S500A** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **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
- **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
- **D13K420** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW
- **D13K460** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW
- **D13K500** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW
- **EBR-EPG** Engine brake with exhaust pressure governor
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **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)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **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
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- **RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- **RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B
- **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)
- **PTO-HT20** High-torque power take-off 2000 Nm (free-text CA needed)

Packages

■ Standard Equipment

□ Optional Equipment

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

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□ **FP-D13** Fuel economy package for Euro 6 D13 engine

□ **INFOBASE** Information package, basic (without side display)

■ **INFOHIGH** Information package, high (with side display)

□ **SAFEBAS** Active Safety Basic package (outside Europe)

□ **SAFEBAS2** Active Safety Basic package (outside Europe)

□ **SAFEPLU2** Active Safety Plus package (outside Europe)

□ **SAFEPLUS** Active Safety Plus package (outside Europe)

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RAL13** Rear axle load 13 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSP-FIX** Power steering pump with fixed displacement
- **PSP-VAR** Power steering pump with variable displacement
- **PSP-VAR2** Power steering pump with variable displacement (extra valve)
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **RST-PAR1** Rear parabolic leaf springs
- **RST-PAR5** Rear parabolic leaf springs
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEE** 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-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
- **BATS-D** Dual battery system (2 vehicle batteries and 2 starter batteries)
- **BATS-S** Single battery system (2 batteries)
- **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
- **ADR1** ADR adaptation, 1 switch in dashboard
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **MSWI-A** ADR main switch
- **MSWI-C** Main switch on chassis
- **MSWI-R** Key remote controlled main switch
- **R405A71** Right 405-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 255l
Max volume 810l
- **UL-FUEL** Without left side fuel tank
Min volume 160l

MODEL RANGE

FM D13 42 Rigid Diesel Rear Leaf FM 42R 3L

■ 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	□ FUEQ-EH	Fuel line electric heater
■ 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.	□ AF-E ■ AF-R	Electrically heated fuel filter Hot fuel recirculation heated fuel filter
■ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	■ FUEFE2LW □ FUEFE2SW	Large engine-mounted dual fuel filter with water separator and drain Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
□ GAUGE-TP	Tyre pressure gauge	■ EST-AID	Engine intake air heater
Powertrain equipment		□ 220EBH15	Engine block heater, 220 V, 1.5 kW
□ TRAP-HD	Reinforced gearbox range housing	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
■ DRM-BE □ DRM-E	I-Shift drive modes Economy, Standard and Performance I-Shift drive mode Economy	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
■ PVT-MTM	I-See	□ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
■ CRUIS-E □ CRUIS-E5	I-Cruise cruise control, I-Roll included I-Torque cruise control, optimized for fuel economy, I-Roll included	□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
□ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
□ RET-TH □ RET-TP	Gearbox-mounted, hydrodynamic oil retarder Gearbox-mounted Powertronic primary retarder	□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
□ TC-HWO □ TC-MAOH2	Cooler for hydraulic gearboxes - water/oil Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
■ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
□ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
□ 2COM1080 □ 2COM1100 ■ 2COMP870 □ 2COMP900	Dual-cylinder air compressor 704 cc, 1080 l/min Dual-cylinder air compressor 760 cc, 1100 l/min Dual-cylinder, two-stage air compressor 560 cc, 870 l/min Dual-cylinder air compressor 636 cc, 900 l/min	□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
□ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel	□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
■ AIRIN-HI □ AIRIN-LO	High air inlet Low air inlet	□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
□ ACL1ST-S	Air cleaner with extra filter element	□ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
■ 24A110BL □ 24A150BL □ 24A180BL □ 24AL110B □ 24AL150B	Alternator 110 Ampere Alternator 150 Ampere Alternator 180 Ampere Alternator 110 Ampere Alternator 150 Ampere	□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
□ CCV-C □ CCV-O ■ CCV-OX	Closed crankcase ventilation Open crankcase ventilation Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge	□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
		□ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
		□ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
		□ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
		□ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
		□ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
		□ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
		□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
		□ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
		□ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
		□ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
		□ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
		□ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
		Cab Interior, Driving	
		■ STWPOS-L	Left-hand drive
		□ STWPOS-R	Right-hand drive

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 42 Rigid Diesel Rear Leaf FM 42R 3L

☐ STWM-LE	Steering wheel material leather		
☐ STGW-AD2	Manually adjustable steering wheel with neck tilt		
☐ STGW-ADJ	Manually adjustable steering wheel		
☐ AIRBAG	Airbag on driver's side		
☐ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual		
☒ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)		
☐ 1DAYB	One-day analogue tachograph, basic		
☒ TAC-PK2	Preparation kit for tachograph		
☐ ARSL	Additional road speed limiter control (switch in dashboard)		
☒ ACCLF-D	Volvo torque assist - Disabled		
☐ ACCLF-E	Volvo torque assist - Enabled		
☒ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity		
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off		
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.		
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)		
☐ LSS-DW	Lane Keeping Support - lane departure warning		
☐ LSS-DW3	Pilot Assist - active, continuous lane keeping		
☐ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side		
☐ LCS3	Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side		
☐ LCS5	Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, both sides		
☐ DAS-W	Driver Alert Support		
☐ RSSENS-W	Wipers rain sensor		
☐ CU-ECC	Automatic climate control with sun sensor		
☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter		
☒ CU-MCC	Manual climate control (heater/cooler function)		
☒ IGT-BUT	Push-button ignition		
☐ IMMOBIL	Immobiliser		
☐ ALARM-E	Anti-theft alarm for cab, superstructure and trailer		
☐ PHONE-PK			
☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred		
☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred		
☐ ISUNF-B			
☐ ISUNF-MD			
☐ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred		
☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred		
☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)		
☒ BUPALARM	Reversing warning		
☐ REMC-MF	Wireless remote control, multi-functional		
☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal		
☒ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2		
☒ WARNTRI2	Two warning triangles		
☐ 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)
☐ WARNLAMP	Portable amber and white warning lamp with batteries		
☐ LAMP-IN	Inspection lamp with 10 m cable		
☐ BULBKIT	Bulb and fuse kit		
☐ WRITEPAD	Writing pad with paper clamp		
Cab Interior, Living			
☐ DST-CF1	Driver's seat Comfort		
☒ DST-CF4	Driver's seat Comfort, belt in seat		
☐ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion		
☐ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated		
☐ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated		
☐ SBD-RED	Red safety belts, passenger and driver seats		
☐ SBPRE-DS	Driver's seat belt pretensioner		
☐ PST-BAS1	Passenger seat Basic, non-suspended		
☒ PST-CF4	Passenger seat Comfort, suspended, belt in seat		
☐ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated		
☐ PST-STD2	Passenger seat Regular, non-suspended		
☐ PST-STD4	Passenger seat Regular, suspended		
☐ SBPRE-PS	Passenger seat belt pretensioner		
☐ ARMRE-BB	Two armrests on both driver's and passenger seats		
☐ ARMRE-DB	Two armrests on driver's seat		
☐ ARMRE-PB	Two armrests on passenger seat		
☐ ARU-BAS	Vinyl armrest upholstery		
☐ ARU-LEA	Leather armrest upholstery		
☒ FMAT-RUB	Black rubber floor mats		
☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats		
☐ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included		
☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg		
☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg		
☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile		
☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile		
☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included		
☐ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included		
☐ PH-CAB2	Cab parking heater, 2 kW		
☐ PH-ENGCA	Engine and cab parking heater		
☐ PH-SS	Short stop cab heater		
☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)		
☐ ETSB-F	Storage at front of engine tunnel		
☐ ETSB-FR	Storage at back of engine tunnel and at back, against rear cab wall		
☐ ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel		
☐ ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel		
☐ ETSB-R	Storage at back of engine tunnel, against rear cab wall		
☐ ETSB-RS	Storage immersed in RH side of engine tunnel and at back against rear cab wall		
☐ ETSB-S	Storage immersed in RH side of engine tunnel		
☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)		
☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)		
☐ REF-ICPK	Preparation kit for refrigerator		
☐ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall		

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 42 Rigid Diesel Rear Leaf FM 42R 3L

☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)	☐ HBDA-A	Automatic main beam deactivation and reactivation
■ BOTH-D	One bottle holder under dashboard centre section	☐ HL-CLEAN	High-pressure headlamp cleaner
☐ COFMA-PK	Preparation kit (24 V) for coffee maker	☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)
■ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming	☐ HL-ADJ	Manually adjustable headlamp beam
☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off	■ DRL-LED	Daytime running lamps (LED)
☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	☐ UDRL	Without daytime running lamps
☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ DRIVL2	Extra main beam
■ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	■ UDRIVL	Without extra main beam
☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	■ FOGL-WC	White front fog lamps
☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	☐ CL-STAT	Static cornering lights
☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	☐ ASL-RF2	Two LED spot lamps in sign box
■ GLAS-TIN	Tinted windows	☐ IDLAMP-A	Three amber identification lamps on mid front roof
☐ GLAS-UNT	Untinted windows	☐ IDLAMP-W	Three white identification lamps on mid front roof
☐ SWIND-BS	Rear side window on both sides	☐ IDLMPSW	Switch in cab for identification lamps
☐ SWIND-PS	Rear side window on passenger side	☐ BEACOA2F	Two amber LED beacons on cab front roof
☐ AWIND-RF	Fixed window in back of cab (without curtains)	☐ BEACOA2R	Two amber LED beacons on cab rear roof
☐ VANMIR	Vanity mirror in front shelf lid	☐ BEACON-P	Preparation kit for roof beacons
☐ AS-FUS	One extra shelf in each of the two front upper storage compartments	☐ BEACONA4	Four amber LED beacons on roof - two on front, two on rear
☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ CABPT-R1	One front cab roof pass-through on passenger side
Cab exterior		☐ CABPT-R2	Two front cab roof pass-throughs, one on each side
☐ EXTL-BA2	Exterior trim level basic 2	☐ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
■ EXTL-BAS	Exterior trim level basic	☐ SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
■ DGLAS-H	Tempered door window glass	☐ SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	☐ ROS-IL	Roof sign illumination
☐ BUMP-B	Plastic front bumper	☐ ROS-IL2	Preparation kit for installation of roof sign illumination
■ BUMP-B2	Steel front bumper	☐ ROS-ILP	Wiring kit for roof sign illumination
☐ BUMP-SP	Front bumper spoiler	☐ CSGN-GTR	Globetrotter decal in the roof sign box
☐ GUARD-EH	Guard plate for cooling pipes and oil sump	■ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
■ CTILT-P-E	Electric cab tilt pump	☐ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
☐ FCABS-A	Air front cab suspension	☐ ACCB-R-AP	Accessory brackets mounted on front roof, midroof and rear roof
■ FCABS-M	Mechanical front cab suspension	☐ ACCB-R-F	Accessory bracket mounted on front roof
☐ RCABS-A	Air rear cab suspension	☐ ACCB-R-FM	Accessory brackets mounted on front roof and midroof
■ RCABS-M	Mechanical rear cab suspension	☐ ACCB-R-FR	Accessory brackets mounted on front and rear roof
☐ MIRCFPCS	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)	☐ ACCB-R-M	Accessory bracket mounted on midroof
☐ MIRCMCP	Camera Monitor System and passenger corner camera	☐ ACCB-R-R	Accessory brackets mounted on mid-roof and rear roof
☐ MIRCMS	Camera Monitor System	☐ ACCB-RM	Accessory bracket mounted on rear roof
■ MIRCOMF	Rear-view and wide-angle mirrors (both sides), kerb observation mirror	Superstructure preparations	
■ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
■ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
☐ AD-ROOF	Roof air deflector	☐ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
☐ AD-SIDES	Cab side air deflectors, short	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
■ HL-BASIC	Halogen H7 headlamps	☐ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
☐ HL-LED	LED headlamps	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
☐ HL-LED3	LED headlamps with adaptive high beam	☐ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
■ Standard Equipment		☐ WLC-H2A	
		☐ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
		☐ WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure

☐ 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

FM D13 42 Rigid Diesel Rear Leaf FM 42R 3L

- **WLC-PKH** Preparation kit (cables and switch) for high-mounted work lamps on back of cab
- **WLC-PKL** Preparation kit (cables and switch) for low-mounted work lamps on back of cab
- **WLC-PKLH** Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
- **ECBB-BAS** Body builder electrical centre, prepared for body builder module
- **ECBB-HIG** Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
- **ECBB-MED** Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
- **BBCHAS1** One 7-pole bodywork connector on chassis
- **BBCHAS3** Three 7-pole bodywork connectors on chassis
- **BEPR-T2** Bodywork electrical and software preparation for tipper with remote control
- **EXSTER** Support for external steering control via body builder module
- **TD-LED** TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit".
- **FRFS-BS** Frame rail free space on both sides to give space for crane legs or other equipment
- **FBA-BTF** Front body attachment brackets, lower, for flexible body
- **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
- **CRANEPK1** Frame-mounted crane interface plates, up to 10 tonne-metres
- **CRANEPK2** Frame-mounted crane interface plates, up to 20 tonne-metres
- **CRANEPK4** Frame-mounted crane interface plates, up to 40 tonne-metres
- **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
- **TGW-PK** Telematics gateway preparation kit
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)