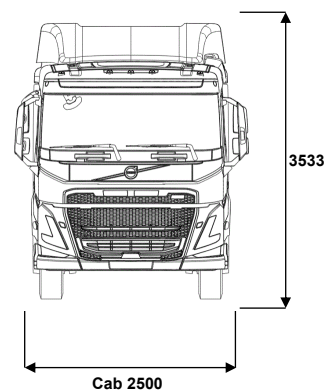
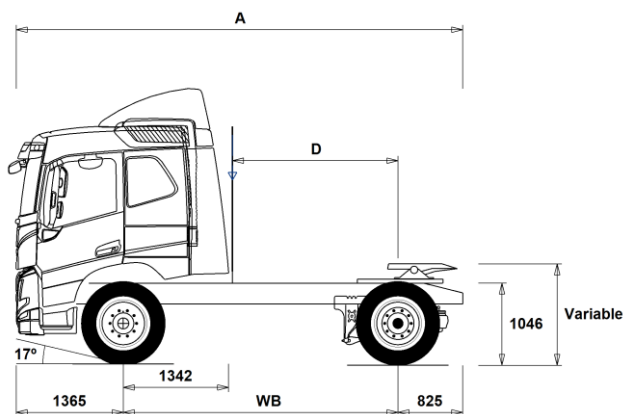


# MODEL RANGE

FM D13 42 Tractor Diesel Rear Air FM 42T 3A



## Chassis Dimensions [mm]

| WB Wheelbase                                | 3500 | 3600 | 3700 | 3800 |
|---------------------------------------------|------|------|------|------|
| A Overall Chassis Length                    | 5690 | 5790 | 5890 | 5990 |
| D Center of rear axle to back of cab        | 2108 | 2208 | 2308 | 2408 |
| F Fifth Wheel Position (EC Directive 96/53) | 375  | 375  | 375  | 375  |

## Chassis Weights [kg]

|             |      |      |      |      |
|-------------|------|------|------|------|
| Front Axle  | 4650 | 4650 | 4660 | 4660 |
| Rear Axle   | 1960 | 1960 | 1965 | 1965 |
| Kerb Weight | 6610 | 6610 | 6625 | 6625 |

## Turning Diameter [mm]

|                                      |       |       |       |       |
|--------------------------------------|-------|-------|-------|-------|
| Turning Circle Diameter Kerb to Kerb | 12700 | 13100 | 13400 | 13700 |
| Turning Circle Diameter Wall to Wall | 14100 | 14400 | 14800 | 15100 |

## Plated Weights [kg]

|                          | Plated | Design |
|--------------------------|--------|--------|
| Gross Vehicle Weight     | 18000  | 20100  |
| Gross Combination Weight | 43000  | 44000  |
| Front Axle               | 7000   | 7100   |
| Rear Axle                | 11500  | 13000  |

## Important Notes

### Chassis Dimensions

Cab Height: -410 mm for CAB-DAY, +144 mm for CAB-HSLP, -1545 mm for CAB-LDAY, -867 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  $\pm 20$  mm for leaf and  $\pm 10$  mm for air suspension.

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

Height change when chassis height CHH-HIGH, FRAME266: 0 mm.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5

Drive Axle Tyres: 315/80R22.5

**Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary  $\pm 3\%$ .**

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 FM42T3A.

# MODEL RANGE

## FM D13 42 Tractor Diesel Rear Air FM 42T 3A

### 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.

### Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-LOW** Chassis height low - approx. 850 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **RAD-G4** Rear air suspension - one axle, driving (low weight)
- **RAD-GR** Rear air suspension - one axle, driving
- **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, 2300 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-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
- **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

### Packages

- **WEIGHTO** Weight optimisation package
- **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)

■ 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.

- **SAFEPLU2** Active Safety Plus package (outside Europe)
- **SAFEPLUS** Active Safety Plus package (outside Europe)

### Chassis

- **FST-AIR** Front air suspension
- **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)
- **FSLS-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- **FSLS-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- **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
- **RAL11.5** Rear axle load 11.5 tonnes
- **RAL11.7** Rear axle load 11.7 tonnes
- **RAL12** Rear axle load 12 tonnes
- **RAL13** Rear axle load 13 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **ASF-DL1** Air suspension with one ride height
- **ASF-DL3** Air suspension with three ride heights
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSS-SING** Single power steering system
- **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-AIR** Rear air springs
- **RST-AIR6** Rear air springs for hot climates
- **SUSPL-EC** Remote control for air suspension levelling
- **FRAME266** Frame rail section external height 266 mm
- **FRAME300** Frame rail section external height 300 mm
- **FST6060** Frame thickness - web 6.0 mm / flange 6.0 mm
- **FST6565** Frame thickness - web 6.5 mm / flange 6.5 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **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-TXEB** Frame inner liner from transmission cross member to end of bogie
- **BBOX-EF** Battery box at 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

# MODEL RANGE

## FM D13 42 Tractor Diesel Rear Air FM 42T 3A

|                   |                                                                                                                                                                                                                                                                                                                       |                   |                                                                                                                                                                                                                                                                                                |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ <b>BATTIND</b>  | Battery voltmeter, ammeter and battery status gauge with visual alerts                                                                                                                                                                                                                                                |                   | may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.                                                                                                                                                                                |
| □ <b>ADR1</b>     | ADR adaptation, 1 switch in dashboard                                                                                                                                                                                                                                                                                 | □ <b>TREL15</b>   | 15-pin trailer connection (ADR certified)                                                                                                                                                                                                                                                      |
| □ <b>ADR2</b>     | ADR adaptation, 1 switch in dashboard, 1 outside on back of cab                                                                                                                                                                                                                                                       | □ <b>TREL7</b>    | 7-pin trailer connection (ISO 24N)                                                                                                                                                                                                                                                             |
|                   |                                                                                                                                                                                                                                                                                                                       | ■ <b>TREL7-7</b>  | 2x7-pin trailer connection (ISO 24N+24S, non-ADR)                                                                                                                                                                                                                                              |
| □ <b>MSWI-A</b>   | ADR main switch                                                                                                                                                                                                                                                                                                       | ■ <b>TBC-EC</b>   | Trailer brake connection, European Community                                                                                                                                                                                                                                                   |
| ■ <b>MSWI-C</b>   | Main switch on chassis                                                                                                                                                                                                                                                                                                | □ <b>TRBR-HCF</b> | Full-pressure, hand-controlled trailer brake check (8 bar)                                                                                                                                                                                                                                     |
| □ <b>MSWI-R</b>   | Key remote controlled main switch                                                                                                                                                                                                                                                                                     | □ <b>TRBR-HCR</b> | Reduced-pressure, hand-controlled trailer brake check (4 bar)                                                                                                                                                                                                                                  |
| ■ <b>R405A71</b>  | Right 405-litre, D-shaped aluminium fuel tank, 710 mm high<br>Min volume 255l<br>Max volume 810l                                                                                                                                                                                                                      | ■ <b>TRBR-STA</b> | Stationary trailer brake check                                                                                                                                                                                                                                                                 |
|                   |                                                                                                                                                                                                                                                                                                                       | □ <b>TRB-STRE</b> | Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability                                                                                                                                                                                              |
| ■ <b>UL-FUEL</b>  | Without left side fuel tank<br>Min volume 160l<br>Max volume 650l                                                                                                                                                                                                                                                     | ■ <b>RFEND-B</b>  | Rear 3-piece mudguards (anti-spray) on all rear axles                                                                                                                                                                                                                                          |
|                   |                                                                                                                                                                                                                                                                                                                       | ■ <b>RFH-BAS</b>  | Basic mudguard installation height on 2nd front axle and rear axles                                                                                                                                                                                                                            |
| □ <b>ADTP-BC</b>  | AdBlue tank behind/under cab on right hand side                                                                                                                                                                                                                                                                       | □ <b>RFH-HIG</b>  | High mudguard installation height on 2nd front axle and rear axles                                                                                                                                                                                                                             |
| □ <b>ADTP-L</b>   | AdBlue tank on left hand side                                                                                                                                                                                                                                                                                         | □ <b>RFH-LOW</b>  | Low mudguard installation height on 2nd front axle and rear axles                                                                                                                                                                                                                              |
| ■ <b>ADTP-R</b>   | AdBlue tank on right hand side                                                                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ADB048</b>   | AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side                                                                                                                                                                                                                                            | □ <b>ATANK-AL</b> | Aluminium air tanks                                                                                                                                                                                                                                                                            |
| □ <b>ADB050</b>   | AdBlue tank: usable volume 50 litres, mounted behind cab                                                                                                                                                                                                                                                              | ■ <b>ATANK-ST</b> | Steel air tanks                                                                                                                                                                                                                                                                                |
| ■ <b>ADB064</b>   | AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side                                                                                                                                                                                                                                            | ■ <b>TL-LED</b>   | LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)                                                                                                                                        |
| □ <b>ADB068</b>   | AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side                                                                                                                                                                                                                                            | ■ <b>BLIGHT-E</b> | 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/s <sup>2</sup> or more. The function deactivates when retardation is less than 2.5 m/s <sup>2</sup> . |
| □ <b>ADB083</b>   | AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side                                                                                                                                                                                                                                            |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ADB090</b>   | AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side                                                                                                                                                                                                                                            |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ADB100</b>   | AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side                                                                                                                                                                                                                                           |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ADB112</b>   | AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side                                                                                                                                                                                                                                           |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ADTC-BF</b>  | AdBlue tank cover, silver metallic                                                                                                                                                                                                                                                                                    |                   |                                                                                                                                                                                                                                                                                                |
| ■ <b>FCAP-L</b>   | Lockable diesel and AdBlue filler caps                                                                                                                                                                                                                                                                                |                   |                                                                                                                                                                                                                                                                                                |
| ■ <b>FUFF-AS</b>  | Fuel filling anti-spillage device                                                                                                                                                                                                                                                                                     |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>FUFF-ATS</b> | Fuel filling anti-theft and anti-spillage device                                                                                                                                                                                                                                                                      |                   |                                                                                                                                                                                                                                                                                                |
| ■ <b>ESH-LEFT</b> | Horizontal silencer, left exhaust outlet                                                                                                                                                                                                                                                                              |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ESH-REAR</b> | Horizontal silencer, rear exhaust outlet                                                                                                                                                                                                                                                                              |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ESH-RIGH</b> | Horizontal silencer, right exhaust outlet                                                                                                                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ESH-VERT</b> | Horizontal silencer, vertical exhaust outlet on right-hand side                                                                                                                                                                                                                                                       |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>ESV-VERT</b> | Vertical silencer, vertical exhaust outlet on right-hand side                                                                                                                                                                                                                                                         |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>EXST-SSP</b> | Vertical exhaust top pipe, bright polished stainless steel                                                                                                                                                                                                                                                            |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>WHC-FIX1</b> | One non-collapsible wheel chock                                                                                                                                                                                                                                                                                       |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>WHC-FIX2</b> | Two non-collapsible wheel chocks                                                                                                                                                                                                                                                                                      |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>WHC-FOL1</b> | One collapsible wheel chock                                                                                                                                                                                                                                                                                           |                   |                                                                                                                                                                                                                                                                                                |
| ■ <b>WHC-FOL2</b> | Two collapsible wheel chocks                                                                                                                                                                                                                                                                                          |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>WHCP-F</b>   | Wheel chock holder in the front part of the vehicle                                                                                                                                                                                                                                                                   |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>WHCP-M</b>   | Wheel chock holder in the middle part of the vehicle                                                                                                                                                                                                                                                                  |                   |                                                                                                                                                                                                                                                                                                |
| ■ <b>WHCP-T</b>   | Wheel chock holder by-packed in cab outer luggage compartment                                                                                                                                                                                                                                                         |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>TB-L80</b>   | Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm                                                                                                                                                                                                                                        |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>TB-R80</b>   | Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm                                                                                                                                                                                                                                       |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>SUP-BAS</b>  | Standard side underrun protection, aluminium                                                                                                                                                                                                                                                                          |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>CHAIN-S</b>  | Snow chains                                                                                                                                                                                                                                                                                                           |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>HOOK-SC</b>  | Snow chain hooks                                                                                                                                                                                                                                                                                                      |                   |                                                                                                                                                                                                                                                                                                |
| ■ <b>TOWF-NO1</b> | One front towing device                                                                                                                                                                                                                                                                                               |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>TOWF-NO2</b> | Two front towing devices                                                                                                                                                                                                                                                                                              |                   |                                                                                                                                                                                                                                                                                                |
| □ <b>TOWR-ONE</b> | 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 |                   |                                                                                                                                                                                                                                                                                                |

■ Standard Equipment

□ Optional Equipment

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

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# MODEL RANGE

## FM D13 42 Tractor Diesel Rear Air FM 42T 3A

|                             |                                                                                                                                                                                                                                                                                                                                                                  |                              |                                                                                                     |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------|
|                             | For FH: height 240-467 mm, weight 13.3. kg                                                                                                                                                                                                                                                                                                                       |                              |                                                                                                     |
| ■ <b>TOOLKIT</b>            | This kit consists of a tool bag (case) including the following tools:<br>• Combination screwdriver.<br>– 1 screwdriver handle<br>– 1 blade, Philips/flat blade<br>– 1 blade, Torx T10/Torx T20<br>– 1 blade, Torx T25/Torx T27<br>– 1 blade, Torx T30/Torx T40<br>• Socket wrench.<br>• Adjustable pliers.<br>• Allen key.<br>• Adjustable spanner.<br>• Hammer. | □ <b>FUEFE2SW</b>            | Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)        |
| ■ <b>INFLAHOS</b>           | Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).                                                                                                                                                                                                                                                | ■ <b>EST-AID</b>             | Engine intake air heater                                                                            |
| □ <b>GAUGE-TP</b>           | Tyre pressure gauge                                                                                                                                                                                                                                                                                                                                              | □ <b>220EBH15</b>            | Engine block heater, 220 V, 1.5 kW                                                                  |
| <b>Powertrain equipment</b> |                                                                                                                                                                                                                                                                                                                                                                  | □ <b>PTER-100</b>            | Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646                            |
| □ <b>TRAP-HD</b>            | Reinforced gearbox range housing                                                                                                                                                                                                                                                                                                                                 | □ <b>PTER-DIN</b>            | Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653       |
| ■ <b>DRM-BE</b>             | I-Shift drive modes Economy, Standard and Performance                                                                                                                                                                                                                                                                                                            | □ <b>PTER1400</b>            | Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647                           |
| ■ <b>DRM-E</b>              | I-Shift drive mode Economy                                                                                                                                                                                                                                                                                                                                       | □ <b>HPE-F101</b>            | Engine-mounted hydraulic pump F1-101, fixed displacement, single flow                               |
| ■ <b>PVT-MTM</b>            | I-See                                                                                                                                                                                                                                                                                                                                                            | □ <b>HPE-F41</b>             | Engine-mounted hydraulic pump F1-41, fixed displacement, single flow                                |
| ■ <b>CRUIS-E</b>            | I-Cruise cruise control, I-Roll included                                                                                                                                                                                                                                                                                                                         | □ <b>HPE-F51</b>             | Engine-mounted hydraulic pump F1-51, fixed displacement, single flow                                |
| □ <b>CRUIS-E5</b>           | I-Torque cruise control, optimized for fuel economy, I-Roll included                                                                                                                                                                                                                                                                                             | □ <b>HPE-F61</b>             | Engine-mounted hydraulic pump F1-61, fixed displacement, single flow                                |
| □ <b>AMSO-AUT</b>           | I-Shift manual gear shifting available in automatic mode, including kick-down function                                                                                                                                                                                                                                                                           | □ <b>HPE-F81</b>             | Engine-mounted hydraulic pump F1-81, fixed displacement, single flow                                |
| □ <b>AVO-ENH</b>            | I-Shift with enhanced software for construction and off-road applications                                                                                                                                                                                                                                                                                        | □ <b>HPE-T53</b>             | Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow                               |
| □ <b>APF-ENH</b>            | I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)                                                                                                                                                                                                                                                             | □ <b>HPE-T70</b>             | Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow                               |
| □ <b>RET-TH</b>             | Gearbox-mounted, hydrodynamic oil retarder                                                                                                                                                                                                                                                                                                                       | □ <b>HPE-V45</b>             | Engine-mounted hydraulic pump VP1-45, variable displacement, single flow                            |
| □ <b>RET-TP</b>             | Gearbox-mounted Powertronic primary retarder                                                                                                                                                                                                                                                                                                                     | □ <b>HPE-V75</b>             | Engine-mounted hydraulic pump VP1-75, variable displacement, single flow                            |
| □ <b>TC-HWO</b>             | Cooler for hydraulic gearboxes - water/oil                                                                                                                                                                                                                                                                                                                       | □ <b>PTPT-D</b>              | Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm                    |
| □ <b>TC-MAOH2</b>           | Extra high performance cooler for manual/I-shift gearboxes - air/oil                                                                                                                                                                                                                                                                                             | □ <b>PTPT-F</b>              | Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm           |
| ■ <b>TC-MWO</b>             | Basic performance cooler for manual/I-Shift gearboxes - water/oil                                                                                                                                                                                                                                                                                                | □ <b>PTR-D</b>               | Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm                |
| □ <b>TC-MWOH2</b>           | High performance cooler for manual/I-Shift gearboxes - water/oil                                                                                                                                                                                                                                                                                                 | □ <b>PTR-DH</b>              | Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm                |
| □ <b>2COM1080</b>           | Dual-cylinder air compressor 704 cc, 1080 l/min                                                                                                                                                                                                                                                                                                                  | □ <b>PTR-DM</b>              | Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm              |
| □ <b>2COM1100</b>           | Dual-cylinder air compressor 760 cc, 1100 l/min                                                                                                                                                                                                                                                                                                                  | □ <b>PTR-F</b>               | Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm            |
| ■ <b>2COMP870</b>           | Dual-cylinder, two-stage air compressor 560 cc, 870 l/min                                                                                                                                                                                                                                                                                                        | □ <b>PTR-FH</b>              | Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm            |
| □ <b>2COMP900</b>           | Dual-cylinder air compressor 636 cc, 900 l/min                                                                                                                                                                                                                                                                                                                   | □ <b>PTR-FL</b>              | Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm             |
| □ <b>CLU-AIRC</b>           | Air compressor clutch with automatic declutching when not needed, to save fuel                                                                                                                                                                                                                                                                                   | □ <b>PTRD-D</b>              | Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm                |
| ■ <b>AIRIN-HI</b>           | High air inlet                                                                                                                                                                                                                                                                                                                                                   | □ <b>PTRD-D1</b>             | Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm                   |
| □ <b>AIRIN-LO</b>           | Low air inlet                                                                                                                                                                                                                                                                                                                                                    | □ <b>PTRD-D2</b>             | Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm |
| □ <b>ACL1ST-S</b>           | Air cleaner with extra filter element                                                                                                                                                                                                                                                                                                                            | □ <b>PTRD-F</b>              | Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm            |
| ■ <b>24A110BL</b>           | Alternator 110 Ampere                                                                                                                                                                                                                                                                                                                                            | □ <b>HPG-F101</b>            | Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow                              |
| □ <b>24A150BL</b>           | Alternator 150 Ampere                                                                                                                                                                                                                                                                                                                                            | □ <b>HPG-F41</b>             | Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow                               |
| □ <b>24A180BL</b>           | Alternator 180 Ampere                                                                                                                                                                                                                                                                                                                                            | □ <b>HPG-F51</b>             | Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow                               |
| □ <b>24AL110B</b>           | Alternator 110 Ampere                                                                                                                                                                                                                                                                                                                                            | □ <b>HPG-F61</b>             | Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow                               |
| □ <b>24AL150B</b>           | Alternator 150 Ampere                                                                                                                                                                                                                                                                                                                                            | □ <b>HPG-F81</b>             | Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow                               |
| □ <b>CCV-C</b>              | Closed crankcase ventilation                                                                                                                                                                                                                                                                                                                                     | <b>Cab Interior, Driving</b> |                                                                                                     |
| □ <b>CCV-O</b>              | Open crankcase ventilation                                                                                                                                                                                                                                                                                                                                       | ■ <b>STWPOS-L</b>            | Left-hand drive                                                                                     |
| ■ <b>CCV-OX</b>             | Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge                                                                                                                                                                                                                                                                       | □ <b>STWPOS-R</b>            | Right-hand drive                                                                                    |
| □ <b>FUEQ-EH</b>            | Fuel line electric heater                                                                                                                                                                                                                                                                                                                                        | □ <b>STWM-LE</b>             | Steering wheel material leather                                                                     |
| ■ <b>AF-E</b>               | Electrically heated fuel filter                                                                                                                                                                                                                                                                                                                                  | □ <b>STGW-AD2</b>            | Manually adjustable steering wheel with neck tilt                                                   |
| ■ <b>AF-R</b>               | Hot fuel recirculation heated fuel filter                                                                                                                                                                                                                                                                                                                        | ■ <b>STGW-ADJ</b>            | Manually adjustable steering wheel                                                                  |
| ■ <b>FUEFE2LW</b>           | Large engine-mounted dual fuel filter with water separator and drain                                                                                                                                                                                                                                                                                             | □ <b>AIRBAG</b>              | Airbag on driver's side                                                                             |
| ■ Standard Equipment        | □ Optional Equipment                                                                                                                                                                                                                                                                                                                                             |                              |                                                                                                     |

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# MODEL RANGE

## FM D13 42 Tractor Diesel Rear Air FM 42T 3A

|                                          |                                                                                                                                                                                       |                                          |                                                                                                      |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>DRC-AMII</b> | Regeneration control for DPF, initiation: automatic or manual, inhibition: manual                                                                                                     | <input type="checkbox"/> <b>BULBKIT</b>  | Bulb and fuse kit                                                                                    |
| ■ <b>DRC-AUTO</b>                        | Regeneration control for DPF, fully automatic (in motion)                                                                                                                             | <input type="checkbox"/> <b>WRITEPAD</b> | Writing pad with paper clamp                                                                         |
| <input type="checkbox"/> <b>1DAYB</b>    | One-day analogue tachograph, basic                                                                                                                                                    | <b>Cab Interior, Living</b>              |                                                                                                      |
| ■ <b>TAC-PK2</b>                         | Preparation kit for tachograph                                                                                                                                                        | <input type="checkbox"/> <b>DST-CF1</b>  | Driver's seat Comfort                                                                                |
| <input type="checkbox"/> <b>ARSL</b>     | Additional road speed limiter control (switch in dashboard)                                                                                                                           | ■ <b>DST-CF4</b>                         | Driver's seat Comfort, belt in seat                                                                  |
| ■ <b>ACCLF-D</b>                         | Volvo torque assist - Disabled                                                                                                                                                        | <input type="checkbox"/> <b>DST-CF5</b>  | Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion |
| <input type="checkbox"/> <b>ACCLF-E</b>  | Volvo torque assist - Enabled                                                                                                                                                         | <input type="checkbox"/> <b>DST-CF6</b>  | Driver's seat Comfort, belt in seat, heated, ventilated                                              |
| ■ <b>ESP-BAS1</b>                        | ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity                                                                                   | <input type="checkbox"/> <b>DST-LUX1</b> | Driver's seat Deluxe, belt in seat, heated, ventilated                                               |
| <input type="checkbox"/> <b>ESPC-RO</b>  | Electronic stability program functionality control, switch - On/Reduced/Off                                                                                                           | <input type="checkbox"/> <b>SBD-RED</b>  | Red safety belts, passenger and driver seats                                                         |
| <input type="checkbox"/> <b>HWSS-ACB</b> | Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.                            | <input type="checkbox"/> <b>SBPRE-DS</b> | Driver's seat belt pretensioner                                                                      |
| <input type="checkbox"/> <b>HWSS-FCB</b> | Collision Warning with Emergency Brake (forward)                                                                                                                                      | <input type="checkbox"/> <b>PST-BAS1</b> | Passenger seat Basic, non-suspended                                                                  |
| <input type="checkbox"/> <b>LSS-DW</b>   | Lane Keeping Support - lane departure warning                                                                                                                                         | ■ <b>PST-CF4</b>                         | Passenger seat Comfort, suspended, belt in seat                                                      |
| <input type="checkbox"/> <b>LSS-DW3</b>  | Pilot Assist - active, continuous lane keeping                                                                                                                                        | <input type="checkbox"/> <b>PST-CF5</b>  | Passenger seat Comfort, suspended, belt in seat, electrically heated                                 |
| <input type="checkbox"/> <b>LCS2</b>     | Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side                                                                     | <input type="checkbox"/> <b>PST-STD2</b> | Passenger seat Regular, non-suspended                                                                |
| <input type="checkbox"/> <b>LCS3</b>     | Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side                                                        | <input type="checkbox"/> <b>PST-STD4</b> | Passenger seat Regular, suspended                                                                    |
| <input type="checkbox"/> <b>LCS5</b>     | Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side                                       | <input type="checkbox"/> <b>SBPRE-PS</b> | Passenger seat belt pretensioner                                                                     |
| <input type="checkbox"/> <b>DAS-W</b>    | Driver Alert Support                                                                                                                                                                  | <input type="checkbox"/> <b>ARMRE-BB</b> | Two armrests on both driver's and passenger seats                                                    |
| <input type="checkbox"/> <b>RSENS-W</b>  | Wipers rain sensor                                                                                                                                                                    | <input type="checkbox"/> <b>ARMRE-DB</b> | Two armrests on driver's seat                                                                        |
| <input type="checkbox"/> <b>CU-ECC</b>   | Automatic climate control with sun sensor                                                                                                                                             | <input type="checkbox"/> <b>ARMRE-PB</b> | Two armrests on passenger seat                                                                       |
| <input type="checkbox"/> <b>CU-ECC2</b>  | Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter                                                                                      | <input type="checkbox"/> <b>ARU-BAS</b>  | Vinyl armrest upholstery                                                                             |
| ■ <b>CU-MCC</b>                          | Manual climate control (heater/cooler function)                                                                                                                                       | <input type="checkbox"/> <b>ARU-LEA</b>  | Leather armrest upholstery                                                                           |
| ■ <b>IGT-BUT</b>                         | Push button ignition                                                                                                                                                                  | ■ <b>FMAT-RUB</b>                        | Black rubber floor mats                                                                              |
| <input type="checkbox"/> <b>IMMOBIL</b>  | Immobiliser                                                                                                                                                                           | <input type="checkbox"/> <b>FMAT-TX2</b> | Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats                  |
| <input type="checkbox"/> <b>ALARM-E</b>  | Anti-theft alarm for cab, superstructure and trailer                                                                                                                                  | ■ <b>LBK70</b>                           | Lower fixed bed 2000x700 mm, non-foldable, safety net included                                       |
| <input type="checkbox"/> <b>PHONE-PK</b> |                                                                                                                                                                                       | ■ <b>MATL-FI</b>                         | Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg                     |
| <input type="checkbox"/> <b>ISUNS-BS</b> | Side interior roller blind on both sides, manually manoeuvred                                                                                                                         | <input type="checkbox"/> <b>MATL-SF</b>  | Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg               |
| ■ <b>ISUNS-DS</b>                        | Side interior roller blind on driver's side, manually manoeuvred                                                                                                                      | <input type="checkbox"/> <b>OLMAT-BA</b> | Overlay mattress, 28 mm thick black textile                                                          |
| <input type="checkbox"/> <b>ISUNF-B</b>  |                                                                                                                                                                                       | <input type="checkbox"/> <b>OLMAT-PR</b> | Overlay mattress Premium, 35 mm thick black textile                                                  |
| <input type="checkbox"/> <b>ISUNF-MD</b> |                                                                                                                                                                                       | <input type="checkbox"/> <b>TBK60F</b>   | Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included       |
| <input type="checkbox"/> <b>ISUNF-RE</b> | Interior roller blind, integrated in front shelf, electrically manoeuvred                                                                                                             | <input type="checkbox"/> <b>TBK70F</b>   | Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included       |
| ■ <b>ISUNF-RM</b>                        | Interior roller blind, integrated in front shelf, manually manoeuvred                                                                                                                 | <input type="checkbox"/> <b>PH-CAB2</b>  | Cab parking heater, 2 kW                                                                             |
| <input type="checkbox"/> <b>ADFS</b>     | Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)                                                                                                                         | <input type="checkbox"/> <b>PH-ENGCA</b> | Engine and cab parking heater                                                                        |
| ■ <b>BUPALARM</b>                        | Reversing warning                                                                                                                                                                     | <input type="checkbox"/> <b>PH-SS</b>    | Short stop cab heater                                                                                |
| ■ <b>LOADIND</b>                         | Load indicator, shown in instrument display and side display                                                                                                                          | <input type="checkbox"/> <b>SLCP-BAS</b> | Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)                 |
| <input type="checkbox"/> <b>REMC-MF</b>  | Wireless remote control, multi-functional                                                                                                                                             | <input type="checkbox"/> <b>ETSB-F</b>   | Storage at front of engine tunnel                                                                    |
| ■ <b>FIREXT3S</b>                        | Fire extinguisher 3 kg, Swedish/English decal                                                                                                                                         | <input type="checkbox"/> <b>ETSB-FR</b>  | Storage at back of engine tunnel and at back, against rear cab wall                                  |
| ■ <b>WARNVEST</b>                        | Reflective vest, fulfils European standard EN 471 class 2                                                                                                                             | <input type="checkbox"/> <b>ETSB-FRS</b> | Storage at front of engine tunnel and immersed in RH side of tunnel                                  |
| ■ <b>WARNTRI2</b>                        | Two warning triangles                                                                                                                                                                 | <input type="checkbox"/> <b>ETSB-FS</b>  | Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel    |
| <input type="checkbox"/> <b>AIDKIT</b>   | First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.                                              | <input type="checkbox"/> <b>ETSB-R</b>   | Storage at back of engine tunnel, against rear cab wall                                              |
| <input type="checkbox"/> <b>AIDKIT1B</b> | First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements) | <input type="checkbox"/> <b>ETSB-RS</b>  | Storage immersed in RH side of engine tunnel and at back against rear cab wall                       |
| <input type="checkbox"/> <b>WARNLAMP</b> | Portable amber and white warning lamp with batteries                                                                                                                                  | <input type="checkbox"/> <b>ETSB-S</b>   | Storage immersed in RH side of engine tunnel                                                         |
| <input type="checkbox"/> <b>LAMP-IN</b>  | Inspection lamp with 10 m cable                                                                                                                                                       | <input type="checkbox"/> <b>RUS-BAS</b>  | Storage in rear upper cab, 154 litres (300 mm high)                                                  |
|                                          |                                                                                                                                                                                       | <input type="checkbox"/> <b>RUS-HIG</b>  | Storage in rear upper cab, 245 litres (440 mm high)                                                  |
|                                          |                                                                                                                                                                                       | <input type="checkbox"/> <b>REF-ICPK</b> | Preparation kit for refrigerator                                                                     |
|                                          |                                                                                                                                                                                       | <input type="checkbox"/> <b>REFR-RUS</b> | Refrigerator 28-litre, with dividers, on rear upper wall                                             |
|                                          |                                                                                                                                                                                       | <input type="checkbox"/> <b>MICRO-PK</b> | Preparation kit for microwave oven (electrical cables to front shelf)                                |
|                                          |                                                                                                                                                                                       | ■ <b>BOTH-D</b>                          | One bottle holder under dashboard centre section                                                     |
|                                          |                                                                                                                                                                                       | <input type="checkbox"/> <b>COFMA-PK</b> | Preparation kit (24 V) for coffee maker                                                              |

■ Standard Equipment

☐ Optional Equipment

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# MODEL RANGE

## FM D13 42 Tractor Diesel Rear Air FM 42T 3A

|                     |                                                                                                                                    |                                    |                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------|
| ■ <b>INLI-BAS</b>   | Interior white light with smooth light transition at on/off, no dimming                                                            | □ <b>HBDA-A</b>                    | Automatic main beam deactivation and reactivation                                  |
| □ <b>INLI-NL</b>    | Interior white and red (night) light with smooth light transition at on/off                                                        | □ <b>HL-CLEAN</b>                  | High-pressure headlamp cleaner                                                     |
| □ <b>INLI-NLD</b>   | Interior white and red (night) light with smooth light transition at on/off and dimmer                                             | □ <b>HLP-ST</b>                    | Steel headlamp protectors (steel and plastic for FMX)                              |
| □ <b>ARL-FLEX</b>   | Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls                                         | □ <b>HL-ADJ</b>                    | Manually adjustable headlamp beam                                                  |
| ■ <b>RH-EE</b>      | Roof skylight/emergency exit, tinted glass (not a hatch)                                                                           | ■ <b>DRL-LED</b>                   | Daytime running lamps (LED)                                                        |
| □ <b>RH-ER</b>      | Roof hatch, electrically operated, steel, with emergency exit handle                                                               | □ <b>UDRL</b>                      | Without daytime running lamps (LED)                                                |
| □ <b>RH-ETR</b>     | Roof hatch, electrically operated, tinted glass, rear opening 50 mm                                                                | □ <b>DRIVL2</b>                    | Extra main beam                                                                    |
| □ <b>RH-MTR</b>     | Roof hatch, manually operated, tinted glass, rear opening 50 mm                                                                    | ■ <b>UDRIVL</b>                    | Without extra main beam                                                            |
| ■ <b>GLAS-TIN</b>   | Tinted windows                                                                                                                     | ■ <b>FOGL-WC</b>                   | White front fog lamps                                                              |
| □ <b>GLAS-UNT</b>   | Untinted windows                                                                                                                   | □ <b>CL-STAT</b>                   | Static cornering lights                                                            |
| □ <b>SWIND-BS</b>   | Rear side window on both sides                                                                                                     | □ <b>ASL-RF2</b>                   | Two LED spot lamps in sign box                                                     |
| □ <b>SWIND-PS</b>   | Rear side window on passenger side                                                                                                 | □ <b>IDLAMP-A</b>                  | Three amber identification lamps on mid front roof                                 |
| □ <b>AWIND-RF</b>   | Fixed window in back of cab (without curtains)                                                                                     | ■ <b>IDLAMP-W</b>                  | Three white identification lamps on mid front roof                                 |
| □ <b>VANMIR</b>     | Vanity mirror in front shelf lid                                                                                                   | □ <b>IDLMPSW</b>                   | Switch in cab for identification lamps                                             |
| □ <b>AS-FUS</b>     | One extra shelf in each of the two front upper storage compartments                                                                | □ <b>BEACOA2F</b>                  | Two amber LED beacons on cab front roof                                            |
| □ <b>INFOT-PK</b>   | Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door                                 | □ <b>BEACOA2R</b>                  | Two amber LED beacons on cab rear roof                                             |
| <b>Cab exterior</b> |                                                                                                                                    | □ <b>BEACON-P</b>                  | Preparation kit for roof beacons                                                   |
| □ <b>EXTL-BA2</b>   | Exterior trim level basic 2                                                                                                        | □ <b>BEACONA4</b>                  | Four amber LED beacons on roof - two on front, two on rear                         |
| ■ <b>EXTL-BAS</b>   | Exterior trim level basic                                                                                                          | □ <b>CABPT-R1</b>                  | One front cab roof pass-through on passenger side                                  |
| ■ <b>DGLAS-H</b>    | Tempered door window glass                                                                                                         | □ <b>CABPT-R2</b>                  | Two front cab roof pass-throughs, one on each side                                 |
| □ <b>DGLAS-L</b>    | Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation. | □ <b>SPOTP-F</b>                   | Preparation kit for spot lamp in cab front, max 280 W                              |
| ■ <b>BUMP-B</b>     | Plastic front bumper                                                                                                               | □ <b>SPOTP-R</b>                   | Preparation kit for spot lamp in cab roof, max 280 W                               |
| □ <b>BUMP-B2</b>    | Steel front bumper                                                                                                                 | □ <b>SPOTP-RF</b>                  | Preparation kit for spot lamp in cab roof and front, max 280 W                     |
| □ <b>BUMP-SP</b>    | Front bumper spoiler                                                                                                               | □ <b>ROS-IL</b>                    | Roof sign illumination                                                             |
| □ <b>GUARD-EH</b>   | Guard plate for cooling pipes and oil sump                                                                                         | □ <b>ROS-IL2</b>                   | Preparation kit for installation of roof sign illumination                         |
| ■ <b>BUGNET</b>     | Insect screen (PVC-coated fibreglass) in front of radiator                                                                         | □ <b>ROS-ILP</b>                   | Wiring kit for roof sign illumination                                              |
| □ <b>CTILT-P-E</b>  | Electric cab tilt pump                                                                                                             | □ <b>CSGN-GTR</b>                  | Globetrotter decal in the roof sign box                                            |
| ■ <b>CTILT-P-M</b>  | Manual cab tilt pump                                                                                                               | ■ <b>HORN-F1S</b>                  | Single-tone Jericho horn behind grille, operated by steering wheel buttons         |
| □ <b>FCABS-A</b>    | Air front cab suspension                                                                                                           | □ <b>HORN-R2S</b>                  | Two chromed single-tone air horns on the roof, operated by steering wheel buttons  |
| ■ <b>FCABS-M</b>    | Mechanical front cab suspension                                                                                                    | □ <b>ANT-CBR</b>                   | Preparation kit for communication/CB radio: roof-mounted single antenna and wiring |
| □ <b>RCABS-A</b>    | Air rear cab suspension                                                                                                            | □ <b>ACCBP-AP</b>                  | Accessory brackets mounted on front roof, midroof and rear roof                    |
| ■ <b>RCABS-M</b>    | Mechanical rear cab suspension                                                                                                     | □ <b>ACCBP-F</b>                   | Accessory bracket mounted on front roof                                            |
| □ <b>MIRCFPCS</b>   | Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)                                                    | □ <b>ACCBP-FM</b>                  | Accessory brackets mounted on front roof and midroof                               |
| □ <b>MIRCMCP</b>    | Camera Monitor System and passenger corner camera                                                                                  | □ <b>ACCBP-FR</b>                  | Accessory brackets mounted on front and rear roof                                  |
| □ <b>MIRCMS</b>     | Camera Monitor System                                                                                                              | □ <b>ACCBP-M</b>                   | Accessory bracket mounted on midroof                                               |
| ■ <b>MIRCOMF</b>    | Rear-view and wide-angle mirrors (both sides), kerb observation mirror                                                             | □ <b>ACCBP-R</b>                   | Accessory brackets mounted on mid-roof and rear roof                               |
| ■ <b>AMIR-F20</b>   | Front close-view mirror above windscreen, passenger side (radius 200 mm)                                                           | □ <b>ACCBP-RM</b>                  | Accessory bracket mounted on rear roof                                             |
| ■ <b>SUNV-H</b>     | Exterior front sun visor, transparent dark-grey                                                                                    | □ <b>LADDER</b>                    | Ladder on back of cab                                                              |
| ■ <b>AD-ROOF</b>    | Roof air deflector                                                                                                                 | <b>Superstructure preparations</b> |                                                                                    |
| ■ <b>AD-SIDEL</b>   | Cab side air deflectors, long                                                                                                      | □ <b>5WM-ISOL</b>                  | Fifth wheel ISO mounting on low L-profiles (16 mm above frame)                     |
| □ <b>AD-SIDES</b>   | Cab side air deflectors, short                                                                                                     | ■ <b>5WM-ISOM</b>                  | Fifth wheel ISO mounting on medium L-profiles (60 mm above frame)                  |
| □ <b>AD-CHASX</b>   | Chassis fairings, extended                                                                                                         | □ <b>5WM-LPRO</b>                  | Fifth wheel mounting on 8 mm L-profiles (0 mm above frame)                         |
| □ <b>ADCF-F</b>     | Aerodynamic flaps on chassis fairings                                                                                              | □ <b>5WM-MASM</b>                  | Fifth wheel mounting on 50 mm L-profiles, adjustable, manual slider lock release   |
| ■ <b>HL-BASIC</b>   | Halogen H7 headlamps                                                                                                               | □ <b>5WH140</b>                    | Fifth wheel leg height 140 mm (5.51")                                              |
| □ <b>HL-LED</b>     | LED headlamps                                                                                                                      | □ <b>5WH150</b>                    | Fifth wheel leg height 150 mm (5.90")                                              |
| □ <b>HL-LED3</b>    | LED headlamps with adaptive high beam                                                                                              | □ <b>5WH160</b>                    | Fifth wheel leg height 160 mm (6.29")                                              |
|                     |                                                                                                                                    | □ <b>5WH175</b>                    | Fifth wheel leg height 175 mm (6.88")                                              |
|                     |                                                                                                                                    | □ <b>5WH17D37</b>                  | Fifth wheel dual leg height 167–367 mm (6.67"-14.45")                              |
|                     |                                                                                                                                    | ■ <b>5WH185</b>                    | Fifth wheel leg height 185 mm (7.28")                                              |
|                     |                                                                                                                                    | □ <b>5WH195</b>                    | Fifth wheel leg height 195 mm (7.67")                                              |
|                     |                                                                                                                                    | □ <b>5WH200</b>                    | Fifth wheel leg height 200 mm (7.87")                                              |
|                     |                                                                                                                                    | □ <b>5WH205</b>                    | Fifth wheel leg height 205 mm (8.07")                                              |
|                     |                                                                                                                                    | □ <b>5WH210</b>                    | Fifth wheel leg height 210 mm (8.26")                                              |
|                     |                                                                                                                                    | □ <b>5WH220</b>                    | Fifth wheel leg height 220 mm (8.66")                                              |
|                     |                                                                                                                                    | □ <b>5WH230</b>                    | Fifth wheel leg height 230 mm (9.05")                                              |

■ 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

## FM D13 42 Tractor Diesel Rear Air FM 42T 3A

- **5WT-F014** Fontaine 150SP2 fixed fifth wheel, pressed steel
- **5WT-F015** Fontaine 3000 series sliding fifth wheel with air actuated locking mechanism, cast iron
- **5WT-J010** Jost JSK 36 fixed fifth wheel, pressed steel
- **5WT-J08** Jost JSK 37 fixed fifth wheel, cast iron
- **5WT-J09** Jost JSK 42 fixed fifth wheel, cast iron
- **5WT-SH** SAF-Holland/+GF+ SK-S 36.20 V fixed fifth wheel, cast iron
- **5WLM-B** Basic fifth wheel maintenance level (for locking mechanism and top plate)
- **5WLM-L** Low-maintenance fifth wheel (locking mechanism). Plastic slide plates and wear ring
- **5WL-S1** Fifth wheel lubrication: locking mechanism and top plate
- **5WL-S2** Fifth wheel lubrication: locking mechanism
- **TCIND** Trailer connection indication with sensors for height, kingpin and coupling lock
- **RDECK** Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box)
- **RDECK-M** Medium rear deck (two plates between frame rails and one over left fuel tank or left battery box)
- **SRWL-2RA** -
- **SRWL-2RW** 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
- **SRWL-PK** Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
- **SWL-2RA** -
- **SWL-2RW** 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
- **SWL-PK** Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
- **WL-TA1A** Amber LED work lamp on trailer arch
- **WL-TA1W** White LED work lamp on trailer arch
- **WLC-H2A** -
- **WLC-H2W** 2 white LED work lamps, high-mounted on back of cab (switch included)
- **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".
- **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)

■ Standard Equipment

□ Optional Equipment

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# MODEL RANGE

FM D13 42 Tractor Diesel Rear Air FM 42T 3A

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