

FH 500 HP 4*2 Tractor

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|---|--|-----------------------------|
| FO Number / OM Number | | Print date |
| 2619-12-63863 / 21263863 | | 2023-04-14 |
| Chassis Number | VIN Number | |
| BB-376082 | YV2RT40A9NB376082 | |
| Build week (YYWW) | Confirmed delivery day | Planned arrival date |
| 202205 | 2022062 (YYYYWWD) | |
| Latest update | | |
| 2022-02-23 (YYYY-MM-DD) | | |
| Updated Delivery Date | | |
| 2022075 (YYYYWWD) | | |
| Chassis Unique Homologation Document | General Homologation Document | |
| LEGCHECK | <ul style="list-style-type: none"> Volvo Powertrain RMI statement Volvo Truck RMI statement COP Statement | |

- Supplementary drawing(s):**
- FRONT MOUNTED EQUIPMENT. RADAR ZONE.
[FH_BUMP-B-B2_front_radar_keep-out-zone.zip](#) [FH_BUMP-B-B2_front_radar_keep-out-zone.jpg](#)
 - POWER TAKE-OFF
[22885846_01.dxf.zip](#) [22885846_01.pdf](#)
 - CAB-HSLP
[23339406_03.zip](#) [23339406_03.pdf](#)
 - Supplementary Drawing
[23339406_04.zip](#) [23339406_04.pdf](#)
 - Supplementary Drawing
[23339406_05.zip](#) [23339406_05.pdf](#)
 - Supplementary Drawing
[23921563_02.zip](#) [23921563_02.pdf](#)
 - REAR FENDER
[3200301.dxf](#) [3200301.pdf](#)
 - BODY ATTACHMENT
[3200308_03.dxf.zip](#) [3200308_03.pdf](#)
 - TRAILER CONNECTION
[3200309_3.dxf.zip](#) [3200309_3.pdf](#)
 - AIR INTAKE
[3200336.dxf](#) [3200336.pdf](#)
 - AD-BLUE TANK
[3200344_03.zip](#) [3200344_03.pdf](#)
 - UNDERRUN PROTECTION FRONT
[3200346.dxf](#) [3200346.pdf](#)
 - EXHAUST SYSTEM
[3200372_02.dxf.zip](#) [3200372_02.pdf](#)
 - UNDERRUN PROTECTION, SIDE
[3200383_3.dxf.zip](#) [3200383_3.pdf](#)

BEP, chassis unique drawing in scale

General chassis drawing:

- [FH42T3A_2147.dxf.zip](#)
 - [FH42T3A_2147.pdf](#)
- Data Sheet : none found

| | |
|---|---|
| Tyres front | Tyres rear |
| 385/55R22.5 GOODYEAR FUELMAX S PERFORMANC | 315/70R22.5 GOODYEAR FUELMAX PERFORMANCED |

Customer Adaptations

| CA No. | Description | Change Description |
|----------|---|----------------------|
| S9001331 | Frame mounted roof spoiler on tractor with fifth wheel. (*) | Show |
| S91516 | Cab colour solid Coca Cola Red (FLD 3013) | |
| ADB90714 | ADB, IN S99347 05 220120 Order change after final order to factory (*) | |
| S99347 | Factory delivery FCA basic (Free carrier incoterms 2000) (*) | Show |

(*) IMPORTANT: If order is built with customer adaptations, final specification may differ from the information presented here, please check with [local support](#) or [TSSC](#) for further information.

 Latest updates

Technical Specification

| Administration | |
|--------------------------|---|
| Variant | Description |
| S1Q-01Q | Sid software for Android Auto |
| S1Q-03Q | Sid software for Settings |
| S1Q-06Q | Sid software for SEM update service |
| S1Q-07Q | Sid software for Camera Stomp Service |
| S1Q-08Q | Sid software for Trip Computer |
| S1Q-09Q | Sid software for Drivers Handbook |
| S1Q-0CQ | Sid software for alarm clock settings |
| RT-STEEL | Steel rims on all axles |

| | |
|----------|--|
| F385-55A | Front axle tubeless tyre 385/55R22.5 |
| S2Q-Z1X | Without Service Offer voice control |
| D315-70A | Drive axle tubeless tyre 315/70R22.5 |
| UPHTRI22 | Textile interior trim level – Dynamic (FH) |
| UOFFROAP | Without construction package |
| UMBAC | Without market business package |
| ESH-REAR | Horizontal muffler, rear exhaust outlet |
| FUELPACK | Fuel package for EU6 |
| FH-HSLP5 | FH Globetrotter sleeper cab |
| UENOPT | Without energy optimization package |
| 2LIVING | Living package 2 persons |
| INFOMED | Information package, medium |
| AIRFLOW | Air flow package including roof & side air deflectors and chassis skirts |
| UPVW | WITHOUT PVW VARIANT |
| RH-MTR | Roof hatch - Manually operated / Tinted glass / Rear opening |
| D13 500S | Diesel engine with Turbo-S, 12.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 500 hp, 2500 Nm |
| L650A71 | Left 650 litre aluminium 710 mm high D-shaped diesel tank |
| R405A71 | Right 405 litre aluminium 710 mm high D-shaped diesel tank |
| MIRCFPCS | Electrically heated and operated rear view mirrors |
| DRIVE5 | Driving package |
| 1DAYDIG | One day digital tachograph, EC approved |
| UKR-MSP | Ukraine |
| SS21W37 | PRICELIST PERIOD 21W37-21W48 |
| FH13B42T | FH 42 T ENG-VE13 |
| SERIALPR | SERIALPR |
| UASAFE | Without active safety package |
| FH42T500 | FH 500 HP 4*2 Tractor |
| 4100CEN | 4100 Central East North |
| VIS5+ | Visibility Plus package for FH and FM. |
| MEDAIR | Medium chassis height with rear air suspension |
| EUDRPA1 | EUD ADJUSTMENT VARIANT (ONLY ENG-VE13) |
| EUDPAD13 | DNP ADJUSTMENT EURO4 D13 BLOCK 637 |
| EPAH342 | EUD ADJUSTM FH13 42 |
| EUDPEU5M | DNP adjustment Euro V mandatory |
| ULSA | Without local sourcing |
| SWUR | REMOTE SOFTWARE UPGRADE ENABLED |
| DRUT2 | My Truck connects the vehicle to the smartphone app, 2 year prepaid subscription |
| TMROOFSP | TRANSPORT MOUNTED ROOF SPOILER, EITHER ON FRAME OR IN CAB |
| S9001331 | Frame mounted roof spoiler on tractor with fifth wheel. |
| S99347 | Factory delivery FCA basic (Free carrier incoterms 2000) |
| S91516 | Cab colour solid Coca Cola Red (FLD 3013) |
| RESERM | Remote service message |
| SERVIN-B | Service Instruction B |
| UOFFROAD | No offroad requirements |
| LSR | Lighting and signaling requirements according to ECE R48 |
| MDR | Masses and dimensions requirements acc. to 1230/2012 |
| BPR3 | Brake performance requirement according to ece r13-11 |
| EPR | External projection requirement according to ECE R61 |
| TC-LONGD | Long distance transport cycle (driving pattern) |
| UDFVH | Without dynafleet vehicle status service |
| MFACTBEL | Main Factory Belgium |
| PVTS5 | Map based preview topography service, 5 years prepaid subscription |
| EU6SCR | Turbo-S Euro 6 emission level with SCR, particulate filter and EGR |
| DF-FUEL1 | Dynafleet Fuel & Environment service, 1 year prepaid subscription |
| UDFDTM | Without Dynafleet Driver Times service |
| DF-POS1 | Dynafleet Positioning service, 1 year prepaid subscription |
| UDFMSG | Without Dynafleet Messaging service |
| 8EE | Market area East Europe |
| WB3800 | Wheelbase 3800 mm |
| NEWHDV | New Heavy Duty Vehicle, Volvo (Will be deactivated after all factory intro ready) |
| 24-HDV | New generation Volvo heavy vehicle |
| FH 42 T | FH 4x2 Tractor |
| DIRT-HIG | Much dirty roads/surfaces |
| EGR-H | Exhaust gas recirculation, hot |
| TYPE-FH | FH High tilt cab |
| UWVTAPPR | Without Whole Vehicle Type Approval, EC |
| 4*2 | 4*2 - Two axles, rear axle driving |
| TRACTOR | Tractor model |
| RC-SMOOT | Smooth road conditions |
| GCW44.0 | Gross combination weight 44.0 tonnes |
| ENG-VE13 | 12.8 litre six cylinder engine |
| VH4.0 | Total vehicle height max. 4.0 metres |
| RAL13 | Rear axle load 13 tonnes |
| STWPOS-L | Left hand drive |

| | |
|----------|---|
| VW2600 | Vehicle width 2600 mm |
| FAL7.5 | Front axle load 7.5 tonnes |
| USWIPTO | Without pto switch type |
| USWIAUX | Without auxiliary switch type |
| UADR | Without ADR adaptation (transportation of dangerous goods) |
| MA-BAS | Basic market adaptation |
| CHH-MED | Chassis height medium - approx. 900 mm above ground level |
| UDFVSR | Without safety service subscription |
| ALTI2500 | Altitudes up to 2500 metres above the sea level |
| J1E-ABX | PROCESS B FOR NEW 24-HDV |
| COG-BAS | <u>Complete superstructure & payload centre of gravity between 0.5 m and 1.0 m above top of truck frame</u> |
| CURV-L | <u>Low curve density (the speed is seldom reduced due to driving in curves)</u> |
| VUPT-A2 | Vehicle uptime, automatic service activation, weekly download, setting 2 |
| NR-RQ03 | External noise requirement, ECE R51.03 phase2, only EU6 + Austria noise in combination with SIGN-L |
| DTECH-CO | Combustion driveline technology |
| EFC-LQ | liquid fuel |
| UADRC | Without ADR classification |
| LEGC | Legislation check enabled for order |
| B-VANB | <u>Box body / Van body / Curtainsider (non-insulated walls)</u> |
| ULHE1 | <u>Without tail lift</u> |
| ULHE2 | Without crane |
| ULHE3 | Without snow plough |
| ULHE4 | Without miscellaneous load handling equipment |
| T-FLAT | <u>Flat topography</u> |
| VASSIS2 | Vehicle assistance service enabled, with voice channel |
| S0Q-01Q | Sid software for Load Indicator |
| S0Q-06Q | Sid software for Parking Climate |
| S0Q-07Q | Sid software for TomTom navigation app |
| LFUEL | FICTIV VARIANT LEFT HAND FUELTANK (ALL SIZES) |
| RFUEL | FICTIOUS VARIANT RIGHTHAND FUELTANK (ALL SIZES) |
| UWVTA | Not Whole Vehicle Type Approved |

ENGINE WITH MOUNTING AND EQUIPMENT

| Variant | Description |
|----------|---|
| DRC-AUTO | Regeneration control of diesel filter particulates - fully automatic (in motion) |
| OBDEP-E | EU6 mandatory on board diagnostics, phase E regulations |
| CSPED85 | Pre defined maximum road speed limit, 85 km/h |
| USPLIMS | Without speed limiter sensor |
| SCRS-EHH | Electrically heated SCR system equipment |
| UFUELB | Without fuel blend |
| PADB80 | 80% AdBlue filling in tank |
| ULFFUEL | <u>Without diesel plastic fueltank</u> |
| CPSR-VAR | Variable coolant pump speed ratio |
| EASO-H | Horizontal orientation of the aftertreatment system |
| UTFUEL | Without temporary diesel tank |
| ADB100 | <u>AdBlue tank usable volume 100 litres, 710 mm high mounted on chassi side.</u> |
| FUEFE2LW | Large engine mounted dual fuel filter with water separator and drain. For poor fuel (outside WestEu) |
| UXFUEL | Without extra fuel filling |
| ATL40 | Ambient temperature down to -40 degrees C |
| ISD01 | <u>Engine idle shut-down after one minutes</u> |
| ATU40 | Ambient temperature up to +40C |
| FUFF-AS | <u>Fuel filling anti-spillage device</u> |
| UFUEQWH | Without fuel line heater |
| DIESEL | Diesel fuel |
| TURBO-S | Turbo single stage |
| UETEC | Without engine temperature control - Extreme conditions |
| BUGNET | <u>Radiator screen / Mosquito net (PVC coated fibreglass) in front of radiator</u> |
| D13K500 | Diesel engine, 12.8 litre Euro 6 SCR + EGR (Diesel Particulate Filter), 500 hp. |
| ETOR2550 | Engine torque range 2401 - 2550 Nm |
| EBR-VEB+ | <u>Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)</u> |
| EAP-LHD2 | Light heavy duty engine application (std pistons and corrosion resistant valve seats) |
| RFN-B | Filler neck rear of the fuel tank |
| AF-R | <u>Hot fuel recirculation heated fuel filter</u> |
| USPEEDDU | Without dual speed limiter |
| SPEED90 | Road speed limiter setting 90 km/h, EC |
| CRUIS-E | <u>Cruise control I-Cruise with controls in the steering wheel,I-Roll incl. Adding PVT-EXT gives I-See.</u> |
| AIRIN-HI | <u>High air intake</u> |
| ULGAS | Without left side gas tank |
| K8F-C5X | Engine control unit EMS2.4 |
| A-FREE25 | 40/60 mix coolant and water (- 25 Celcius) |
| FUELTS71 | D-shaped 710 mm diam fuel tank |
| TNK-DUAL | Dual mounted fuel tank |
| FTANK-AL | Aluminium fuel tank |
| FCAP-L | Lockable diesel and AdBlue tank caps |
| STRAP-P | Painted fuel tank straps |

| | |
|--------------------------|---|
| UEXST | Without vertical exhaust |
| EXD-REAR | Exhaust direction, rear |
| UEXSH | Without extra exhaust heat shield |
| EAS-SD | Selective Catalyst Reduction + Diesel Particulate Filter, ceramic |
| EM-EU6 | Emission level Euro 6 |
| ACL1ST-S | Air cleaner with additional filter element |
| 13PES3 | Performance specification for 13 liter engine - No3 |
| PRIM-MAN | Manual priming pump for fast and easy bleeding of the fuel system |
| FTCL-BAS | Fuel tank with basic ground clearance |
| UWILDBAR | Without wild bar |
| UFTI | Without fuel tanks interconnection |
| OILS-ST | Steel oil sump |
| TURB-HD | Turbo heavy duty design |
| HS-BAS | Basic muffler heat shield for all emission variants |
| CCV-OX | Closed crankcase ventilation with oil separator and a maintenance free gas centrifuge |
| ADTP-R | AdBlue tank on right hand side |
| UADTC | Without AdBlue tank cover |
| OBDEC1 | High emission level consequences |
| URSPED | Without remote speed limiter |

ELECTRIC POWER SUPPLY, LIGHTING, INSTRUMENTS

| Variant | Description |
|--------------------------|---|
| UBATTC | Without battery charger |
| UAMPL | Without external amplifier |
| CL-STAT | Cornering lights |
| BAMAFREE | Enhanced flooded batteries extra |
| UBEPREP | Without body builder software electrical preparation |
| UWLC | Without working lamps back of cab |
| TD-LED | Trailer detection with LED sensor |
| AHS-LB | Automatic headlamp switching between day running light and low beam |
| UBBCHAS | Without Body builder electrical interface |
| TLB-BAS3 | Fender mounted tail lamp bracket |
| ANT-CBR | Right hand side roof mounted foldable antenna and cables for CB radio, single aerial. |
| SPK-DDR | Loudspeakers in dash, doors & rear |
| UAESW | Without Body builder electrical switches |
| TGW-4GWL | Telematics gateway with 4G modem |
| UHLPPRO | Without headlamp protection |
| UREMCON | Without wireless remote control |
| USWARN | Without speed warning system |
| BUPALARM | Reversing warning unit (back-up alarm) |
| ARL-FLEX | Two (driver and passenger side) reading lamps with flexible arms and led lamps fitted on side walls |
| UINFOT | Without TV mounting preparation kit |
| UBUPMON | Without back-up monitor |
| UDRID | Without telematics driver ID with USB |
| ULSS | Without lane keeping support |
| LCS | Lane Change Support |
| UBLOG | Without diagnostic bodywork |
| UARSL | Without additional road speed limit |
| AUDWB1 | Audio wavebands FM 87,5-108,0 MHZ, AM 522-1611 KHZ |
| UMAPR | Without map region for navigation |
| CO-USB3 | Communication connector, usb, 3 ports |
| BULBKIT | Bulb and fuse kit |
| ULAMPIN | Without inspection lamp |
| UTSE | Without transportation security system |
| USPOTP | Without spotlamp preparation |
| SINF-C | Convenient service and infotainment level |
| BATS-S | Single energy battery storage system (2 batteries) |
| LOADIND | Load indicator with dashboard display |
| TAMA-B | Tachograph preparation kit for basic market area |
| UALARMB | Without burglar alarm |
| UAUXSW | Without wiring for extra switches |
| URCS | Without remote campaign settings |
| INST-HIG | Instrumentation, high performance 12" fully dynamic instrument cluster. Chrome surrounding |
| AUD-HIGH | Radio with multi format capacity, service and infotainment |
| BATTIND | Battery voltage, ampere and battery status gauge with visual alerts |
| UEXSTER | Without support for external steering control via body builder module |
| DRL-LED | V-shaped ("V-light") day running light (LED) |
| SID-HIGH | Dashboard integrated 7 inch colour information display, 800 x 480 pixels / 153(W) x 92(H) mm |
| FROM-PS | Front Monitoring connection, class VI for front angle camera in the lower mirror housing at the passe |
| EWT3800 | Equivalent wheelbase turning, 3800 mm |
| BLIGHT-E | Emergency brake light |
| BATTREC | Battery reconitioner to keep the battery lead plates free from sulphate |
| URPLCR | Without rear position lamp |
| BBOX-L | Battery box on left hand side |
| 2BAT210C | AGM batteries 2x210 Ah |

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|----------|---|
| 24V | Electrical system 24V |
| UDAS | Without Driver Alert Support (without drowsy driver warning) |
| HL-ASYMR | Headlamp alignment set for right hand traffic |
| DETECT-S | Smoke detector in cab |
| HORN-ELS | Single electrical front horn |
| HORN-F1S | <u>One front mounted (behind grille) single tone air horn, Jericho. Operated by steering wheel buttons.</u> |
| URTOLL | Without road toll equipment |
| SOL24S | 24V single outlet in sleeper compartment |
| UFMS | <u>Without fleet management system gateway.</u> |
| TWEETER | Tweeter |
| ECBB-BAS | <u>Body builder electrical centre without any body builder module</u> |
| POSLMP-W | Two white front roof mounted position lamps (end outline marker lamps, LED on FH) |
| AUDS-A | Audio signal - AM/FM |
| UASL | <u>Without spot lamps in sign box</u> |
| WWF-ALC | Windscreen washer fluid with alcohol additive |
| WL-TA1W | <u>Trailer arch working lamp with white lens and LED/70W bulb</u> |
| UWARNLIG | Without roof mounted beacon warning lamp |
| SPG-KM | Speedometer scale kilometres per hour |
| EST-AID | <u>Engine start pre-heating element</u> |
| TL-LED | LED tail lamps |
| MSWI-C | <u>Chassis main switch - battery box placed toggle switch circuit shut down</u> |
| FOGL-WC | <u>White front fog lamps</u> |
| UDRIVL | Without auxiliary front driving lamps |
| UAUXL | Without snow plough preparation kit |
| HL-ADJA | Automatic adjustable headlamps to adjust the height of the light beam |
| HL-CLEAN | High pressure headlamp cleaner |
| IMMOBIL | <u>Immobiliser</u> |
| UIDLAMP | Without identification lamps |
| MARKL-SR | Side and rear marker lights |
| USRL | Without chassis working lamps |
| DRM-BE | <u>I-Shift drive mode balanced economy</u> |
| DIFL-RUS | Driver information first optional language - Russian |
| DISL-POL | Driver information second optional language - Polish |
| USAS | Without Service Alert System |
| HL-LED | <u>Led headlamps</u> |
| 24AL150B | <u>Alternator 150 Ampere</u> |
| SI-GRAF | Speedometer instrument, tachograph |
| 1DAY-STD | 1 day tachograph, EC |
| CALI-DIG | Digital calibration of tacho. & speedometer |
| UNAVS | Without navigation system |
| UMCH | Without, monitoring connections chassie |
| UMCA | Without monitoring connections cab |
| BATTD128 | Battery dencity, 1.28 acid solution |
| ASSIST4 | Assistance switch and microphone, Volvo Action Service (VAS) |
| HWSS-ACB | <u>Adaptive cruise control with forward collision warning and emergency braking</u> |
| UARLIG | Without additional rear lights |
| RSSENS-W | <u>Wiper rain sensor</u> |
| TAS-DIG | One day digital tachograph. EC approved, compliant with annex 1B regulation. |
| INLI-NLD | <u>Interior white and red (night) light with smooth light transition at on/off and dimmer</u> |
| URESTS | Without reflecting white stripes on chassis side |
| ACCLF-D | <u>Volvo torque assist - Disabled</u> |
| UALCOLOC | Without alcolock |

POWER TRANSMISSION

| Variant | Description |
|----------|---|
| UASO | Without crawler gears |
| UTPTT | Without gearbox power take-off torque capacity |
| TTOR-B | Basic transmission output torque |
| TPM-AUTR | <u>Transmission performance mode auto return</u> |
| TECOROLL | Transmission, Eco-roll |
| AMSO-AUT | <u>I-shift manual gear shift available in automatic mode incl kickdown function</u> |
| URSO | Without extra reverse gears |
| AVO-ENH | <u>Enhanced I-shift software for construction and off road applications</u> |
| APF-BAS | <u>Basic I-shift PTO functions</u> |
| PVT-MAP | <u>Map based topography information using a high resolution commercial topography map</u> |
| UEPTT | Without engine power take-off torque capacity |
| TRAP-BAS | <u>Basic gearbox application</u> |
| SRED-V | Single reduction rear axle |
| RSS1352A | <u>Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version A</u> |
| CS43B-O | <u>Single plate clutch, plate diameter 430 mm</u> |
| TRA-AMT | Automated mechanical gearbox |
| GSS-AGS | <u>I-shift lever gear selector</u> |
| AT2612F | <u>I-Shift automated mechanical 12-speed gearbox without clutch pedal, 2600 Nm, GCW 100000 kg</u> |
| UPTER | Without rear engine mounted PTO |
| TC-MWO | <u>Basic performance cooler for manual/I-Shift gearboxes - water/oil</u> |

| | |
|----------|---|
| UPTOENGR | Without rear engine mounted PTO |
| UPTOTR | Without gearbox driven power take-off |
| RAT2.47 | Rear axle ratio 2.47 |
| PROPS-M | Propeller shaft dimension medium, single joint |
| PSM3 | Propeller shaft manufacturer Dana Spicer Compact+ |
| DL-FULL | Differential lock between axles and wheels |

BRAKE

| Variant | Description |
|--------------------------|--|
| UCLUAIRC | Without clutchable air compressor |
| AIRT-GD | Airtank global design, EU |
| TEC-DET | Detachable trailer electric cable |
| TBC-EC | Trailer brake connection, European Community |
| TREL7-7 | 2x7 pol (24N+24S) electrical trailer connectors (UADR) |
| UPNPROT | Without protective cover for chassis mounted pneumatic equipment |
| TBH-COL | Long coiled trailer brake hoses (4000 mm) |
| EBS-MED | EBS (Electronic Brake System) medium package |
| UTRBSTRE | Without low speed automatic trailer brake activation (stretch brake) |
| PDC-IF | Pneumatic distribution center location - inside frame |
| UESPFC | Without ESP (Electronic Stability Program) functionality control |
| W8RA27 | Weight ratio rear axle r: 26 <= r < 27 , unladen |
| UPBRAD | Without pusher axle disc brake dimension |
| UTRACON | Without trailer light converter |
| UTABS | Without trailer ABS circuit converter |
| ATANK-ST | Steel air tanks |
| BF-DIBAS | Disc brakes with solid discs |
| FBRA-D43 | Front axle disc brake diameter 430 mm |
| UTBRD | Without tag axle brake |
| RBRA-D41 | Drive axle disc brake diameter 410 mm |
| UTBRA | Without tag axle brake dimension |
| DBRDUST | Dust shield for rear brakes |
| AUXPARK | Two extra parking brake chambers |
| BRAKE-DV | Disc brakes |
| UATNKRUB | Without airtanks with rubber rings |
| URETARD | Without retarder |
| UAUXATNK | Without extra air tank |
| 2COM1100 | Dual cylinder air compressor 760 cc / 1100 l/min |
| TRBRAKE | Trailer brake valve |
| TCP-BMC | Trailer connection bracket (steel arch) mounted back of cab |
| TRBR-STA | Stationary trailer brake control |
| ESP-BAS1 | Electronic Stability Program (ESP) package 1 |

WHEEL SUSPENSION AND STEERING

| Variant | Description |
|--------------------------|--|
| PSP-VAR | Power steering pump with variable displacement |
| STW-D450 | Steering wheel with diameter 450 mm |
| U1PAC | Without first pusher axle capacity |
| U1TAC | Without first tag axle capacity |
| STWM-LE | Leather steering wheel |
| UASFE | Without Volvo Dynamic Steering |
| RAD-GR | Rear air suspension, 1 axle - 1 driven |
| FA-MED | Front axle medium ground clearance |
| FAA10 | One front axle, not driven |
| URSTS | Without rear steering system |
| UACTST | Without active steering |
| UBL | Without bogie load sharing |
| UAUXPSP | Without extra power steering pump |
| URVCERT | Without vehicle certification, road |
| UBCYLPRO | Without brake cylinder protection |
| STG20.0 | Steering gear ratio 20.0 |
| PSS-SING | Single power steering system |
| STGW-ADJ | Mechanically adjustable steering wheel |
| ULDFA | Without load distribution on front axles |
| URALIM | Without first rear drive axle load limiter |
| ULIFT | Without bogie lift |

FRAME, SPRINGS, DAMPING AND WHEELS

| Variant | Description |
|--------------------------|--|
| RST-AIR | Rear air suspension |
| FSS-LEAF | Front leaf suspension |
| RSS-AIR | Rear air suspension |
| FSTAB | Front stabilizer with normal stiffness |
| SUP-BAS | Standard aluminium bars for side underrun protection |
| RSTAB1 | Rear stabilizer with normal stiffness |
| UFIL | Without frame inner liner |
| SUSPL-EC | Air suspension levelling with electronic control |
| WPRING-P | Painted wheel protection ring |

| | |
|-----------------|---|
| WTDF22.5 | Front wheel and tyre inner diameter 22.5 inches |
| WTDD22.5 | Drive wheel and tyre inner diameter 22.5 inches |
| UWTD | Without tag axle wheel and tyre inner diameter |
| UTWT | Without tag axle wheel type |
| UWTTM | Without tag axle wheel and tyre mounting |
| WMF-ST | Front steel rims |
| WMD-ST | Drive steel rims |
| UWMT | Without tag axle rim material |
| WDF1175 | 11.75 inch front axle rims |
| WDD900 | 9.00 inch drive axle rims |
| UWDT | Without tag axle wheel dimension |
| <u>INFLAHOS</u> | <u>Tyre inflation hose</u> |
| UTIREPM | Without tyre pressure monitoring |
| UTT | Without tag axle tyre |
| TMF-GOOD | Goodyear front axle tyre |
| TMD-GOOD | Goodyear drive axle tyre |
| UTMT | Without tag axle tyre |
| TR-EUR | Tyre region Europe |
| URUPH | Without underrun protection |
| UFSL | Without air suspension levelling stroke |
| ASF-DL3 | <u>Air suspension with 3 driving levels</u> |
| UGUARD | Without guard plate for cooling pipes and oil sump |
| <u>SWCP-T</u> | <u>Spare wheel carrier (strips) on top of frame</u> |
| SPWT-F | Spare wheel with tyre equal to front wheel |
| FSI-LEAF | Front leaf suspension |
| FTRR-A | Rolling resistance class A on front tire |
| DTRR-A | Rolling resistance class A on drive tire |
| WHA-BAS | Wheel attachment basic |
| UGAUGETP | Without tyre pressure gauge |
| UARSTA | <u>Without additional rear stabilizer</u> |
| URUPP | Without rear underrun protection pos. |
| WTA-TL | tubeless tyres |
| WSTUD-S | Short wheel studs (alu dual hol) |
| UTMPR | Without pusher axle tyre |
| URFR | Without rear frame reinforcement |
| RSL-BAS | Rear air suspension basic levelling stroke |
| XMBRR-B | Basic rear crossmember closing |
| UMRUP | Without rear underrun protection |
| <u>FSM-MF</u> | <u>Maintenance free front suspension</u> |
| WCAP | <u>Wheel caps</u> |
| HUBCOV | Hub cover |
| USUPS | Without steps in side underrun protection |
| UTRTT | Without tag axle tyre tread |
| UPTT | Without pusher axle tyre tread |
| FUP | Front underrun protection |
| UWTD | Without wheel and tyre diameter on pusher axle |
| UFRF | Without frame rail clearance |
| RSAP-BAS | Standard rear suspension application (without reinforcements) |
| UWTPM | Without wheel & tire mount pusher axle |
| UFALIM | Without front axle load limiter |
| PROTC-I | Improved corrosion protection level |
| UTWP | Without pusher axle wheel type |
| UWDP | Without pusher axle wheel dimension |
| URESTRUP | Without reflecting red stripes on rear underrun protection |
| UFRACLOS | Without frame end closing |
| TXMB4827 | Transmission crossmember web location (main 4827) |
| <u>RFEC-B</u> | <u>Rear frame end, bent (standard for tractor vehicles)</u> |
| XMBT-B | Basic transmission crossmember |
| FST7575 | <u>Frame section thickness - web 7.5 mm / flange 7.5 mm</u> |
| FRAME266 | Frame rail section external height 266 mm |
| <u>RFL825</u> | <u>Rear frame length 825 mm from 1st drive axle</u> |
| URUP | <u>Without rear underrun protection</u> |
| <u>FST-PAR</u> | <u>2 leaf front parabolic suspension (normal stiffness)</u> |

BODY, CAB AND INTERIOR

| Variant | Description |
|-----------------|---|
| ULPHF | Without front license plate holder design |
| FMUDE-WH | Front mudguard extension, tyre width and height dependent |
| <u>CSPL-BXD</u> | <u>Storage drawer in lower center dash panel</u> |
| ARU-BAS | <u>Vinyl armrest upholstery</u> |
| GRABHI-B | Steel instep grab handle. |
| UCPR | Without cab roof protection |
| UCLEQ | Without extendable windscreen cleaner |
| <u>BUMP-SP</u> | <u>Front bumper spoiler</u> |
| UTBL | Without left toolbox |

| | |
|----------|---|
| UTBR | Without right toolbox |
| USBPREDS | Without driver seat belt pretensioner |
| JACK-15T | Jack 15 tonnes |
| TOOL-BAS | TOOL-BAS Basic tool kit It is fitted in the storage compartment behind the left seat |
| URUSTP | Without transport rust protection (wax) except for muffler strap connections |
| UEMBO | Without emblem options |
| DGLAS-H | Tempered door glass |
| UCOFMAK | Without coffee maker |
| USTUC | <u>Without storage compartment under cab</u> |
| UWRNLAMP | Without portable warning lamp |
| USBPREPS | Without passenger seat belt pretensioner |
| GLASC-H | Hydrophobic glass coating on side windows |
| NSCABCOL | <u>Non standard cab colour</u> |
| ULADDER | Without ladder back of cab |
| KEYF4336 | Keyfob frequency channel 433.6 MHz |
| EMBL-MO | Mounted emblems |
| BOTH-DL | <u>Two 1.5 litre bottle holders, 1 under dashboard centre section, 1 mounted to the under bunk drawer.</u> |
| UMICROWV | Without microwave equipment |
| SUPH-T1 | <u>Seat upholst.-black striped text. insert, black smooth text. bolster&red(FH)/blue(FM)vinyl side ins.</u> |
| UTABLE | Without foldable table |
| CABPT-R1 | One front cab roof pass through on passenger side |
| UWARVEST | Without warning vest |
| UAIRBAG | Without airbag |
| RUS-BAS | <u>Rear cab upper storage 154 litres (300 mm high)</u> |
| OLMAT-BA | <u>Overlay mattress protector, 28 mm thick black textile</u> |
| WRITEPAD | Writing pad with spring-loaded paper clip |
| USIGNS | Without green and safe signs in front |
| RLS-BAS | <u>Two storage drawers under bunk, totally 130 litres</u> |
| VANMIR | <u>Vanity mirror in front shelf lid</u> |
| DIMPLATE | Dimension plate, EC |
| MATL-SF | <u>Mattress lower bunk - semi-firm up to approx 100 kg, pocket springs.</u> |
| DLAY-BAS | Basic dashboard layout |
| DTRI-SPE | <u>Dashboard trim for FH</u> |
| TOP2 | Transmission oil STD 1273.07. Synthetic, thin oil. Needs filtering and cleaned transmission. |
| UCFAFS | Without foldable extra front cab foot-step |
| CUR1234Y | Climate unit refrigerant R1234YF |
| HCC-INEX | Lockable front hatch |
| SBD-BAS | Black safety belts, passenger and driver seats |
| SBP-BAS | Black safety belt, passenger seat |
| ADH-MED | Roof aerodynamic device height, medium |
| UCPARKC | Without cab parking cooler |
| UDECS | Without decal on cab side |
| ADCF-F | <u>Additional flap on chassis fairings</u> |
| AIDKIT | First aid kit |
| ISUNF-RM | <u>Manual interior textile sun visor (roller-blind) integrated in front shelf</u> |
| UAUXFS | Without extra cab side foot-step |
| CSPT-T | Center section dashpanel top, tray |
| UPUBS | Driver's handbook only in local language |
| EXTL-EN2 | <u>Exterior trim level enhanced 2</u> |
| TBK70AD | <u>Height adj. top bunk 700x1900 mm, foldable up to 52 degrees (dep. on cab & upper storage). Net incl.</u> |
| UIDLMPSW | Without switch for identification lamps |
| UAWINDR | Without rear window |
| ROHO-MAN | <u>Manually operated roof hatch. Tinted glass for FH. Steel for FM.</u> |
| CSGN-GTR | <u>GLOBETROTTER decal in the cab roof sign area</u> |
| EMI-EMBL | Emission emblems |
| CAB-HSLP | High sleeper cab |
| RCABS-M | <u>Mechanical rear cab suspension</u> |
| CTILTP-M | <u>Manual cab tilt pump</u> |
| UADFS | Without extra DIN slots in front shelf (blind slots) |
| FMUD-AS | Mudflaps with anti-spray on all front axle fenders |
| USIDESTP | Without side foot-step and handle |
| FCABS-M | <u>Mechanical cab suspension</u> |
| CURT-WIN | <u>Windshield / windows curtain</u> |
| UAWINDS | Without rear side window |
| WLIFT-AD | Electrical window lift, auto up/down driver side; el operated on passenger side |
| RHATCH | Roof hatch |
| GLAS-TIN | Tinted windows (front/side/rear) |
| LBK80FRM | <u>Lower man.manoeuvr recline bunk, foldable 55 degrees-2000x815/740/660mm (mid/head/feet). Safety net.</u> |
| FMAT-RUB | <u>Two black rubber floor mats</u> |
| PST-RX1 | <u>Passenger relax seat, swivel/tilt</u> |
| CABH215 | Cab height 215 cm |
| UACCBRKT | Without roof mounted accessory bracket |
| UREFS | Without reflecting stripes on cab |
| LANG-EG | English/German text on decals/signs |



| | |
|--------------------------|---|
| PUBL-RUS | Russian publication language |
| CERT-EC | Certification labels for EC countries (except DEU/FRA/GBR) |
| LOCK-REM | Central door locking with remote control |
| UREFL | Without reflectors |
| MAT-INS | Textile insert mat on engine tunnel |
| MIR-ELOP | Heated, el. operated ext. mirrors, both sides |
| AMIR-WB | Wide angle mirror on both sides |
| AMIR-F20 | Front close view mirror above windscreen, passenger side (radius 200 mm) |
| TRIM-GN | Textile interior trim in matching grey nuances |
| ARMRE-BB | Two armrests on both driver and passenger seats |
| UROSIL | Without illuminated roof sign |
| DST-CF4 | Driver seat, comf, susp, belt |
| FIREXT3S | Fire extinguisher 3 kg, Swedish/English decal |
| PH-CAB2 | Cab parking heater, 2 KW |
| AMIR-S30 | Close view mirror on passenger side, radius 300 mm |
| ISUNS-DS | Manually manoeuvred side interior sun visor (roller blind type) on driver side |
| UAS | Without extra shelves in front rollfront compartments |
| CU-ECC | Fully electrically controlled air conditioning with sun sensor |
| UACU | Without additional climate unit |
| UDFHFP | Without Dynafleet Positioning+ service |
| BUMP-B | Plastic front bumper |
| TOWF-NQ1 | One front towing device |
| UWINREP | Without cab side window replica |
| USAFETYB | Without safety box |
| MPLA-ENG | Manufacturing plate, English version |
| SLCP-LUX | Luxury sleeper contr panel (int light, park heat/cool, hatch, lock, alarm clock, window, audio) |
| SUNV-H | Exterior transparent dark grey front sun visor |
| UXSEACAB | Without extra cab sealant material for dust tightness |
| AD-ROOF | Roof air deflector. Design aut. calc., varies dep. on vehicle tot. height (chassis, cab, tyres etc) |
| AD-SIDEL | Long cab side air deflector |
| AD-CHASX | Chassis side skirts |
| WARNTRI2 | Two warning triangles |
| UMIRRTXT | Without mirror text |
| UETSBOX | Without engine tunnel storage |
| REFRIG | 33 litre under bunk mounted refrigerator with freezer and deviders |
| SIGN-L | L-sign in front (noise level 80dB) |
| XINS-CB2 | One extra layer of extra thick (reinforced) cab insulation |
| UGUARDW | Without windscreen stone guard |
| UEBHEAT | Without electrical engine block heater |

Miscellaneous

| Variant | Description |
|--------------------------|---|
| UFFEND | Without fenders on second front axle |
| COD-UKR | Destination country Ukrain, national frequencies |
| CG-EU3 | Destination country group Europe 3, national frequencies |
| URFCAR | Without rear fender carrier |
| RMUDF-AS | Rear mudflaps with anti-spray on all rear axle fenders |
| RFEND-B | Rear 3 piece fenders with anti-spray function (all rear axles) |
| FWP0675 | Fifth wheel (king pin) position 675 mm before centre of first drive axle |
| 5WM-ISOL | Fifth wheel ISO mounting on low L-profiles |
| 5WH150 | Fifth wheel leg-height 150 mm |
| KPSIZE50 | King pin size 50 mm (2 inches) |
| 5WT-JO8 | Jost JSK 37 cast iron fixed fifth wheel |
| URAMP | Without sliding members/protection members |
| UTOWTYPE | Without towing member |
| UTOWMBR | Without towing member |
| UCOUPLIN | Without towing coupling |
| UTOWR | Without rear towing device |
| WHC-FOL2 | 2 foldable wheel chocks |
| RDECK | Basic rear deck (one plate between frame rails and one over left fuel tank or left battery box) |
| UTAIL | Without tail lift preparation |
| UHPG | Without gearbox mounted hydraulic pump |
| UFFTP | Without second front axle fender top height |
| UNIF-TRA | Basic tractor vehicle |
| ULCHF | Without load carrier |
| ULCL | Without load carrier length |
| RFC-1 | Fender and front underrun calculation following EC legal requirements |
| RFH-BAS | Optimal fender installation (rear and 2nd front axle) |
| 5WLM-B | Basic fifth wheel maintenance |
| FACT-BEL | Final assembly plant Belgium |
| 5950MM | Frame length 5950 mm |
| CHAGH-BL | Black chassis grab handles |
| UCHAINS | Without snow chains |
| UTMP | Without towing member position |
| UFFQP | Without second front axle quarter fender mounting position |

| | |
|----------|---|
| UCROSSRE | Without cross reinforcement for swapbody |
| U5WLUB | Without fifth wheel lubrication |
| UTCIND | Without trailer connection indication |
| UHBAT | Without holes for body attachments |
| UHOOKSC | Without snow chain hooks |
| UPSCAT | Without propeller shaft catcher |
| UCRANEPK | Without crane plates |
| SDC1 | Steering demand calculation according to ECE regulation R79 |
| UFBA | Without front body attachments |
| URBA | Without lower rear body attachments |
| UHPE | Without engine mounted hydraulic pump |
| WHCP-F | Wheel chock(s) in the front part of the vehicle |

List of warnings/errors (2 messages):

| | | |
|---|-------|--|
|  | 16002 | (1) No data sheet found for model FH42T3A. |
|  | 20010 | (2) Multiple matches for supplementary drawing 23339406. |

No restrictions violated

Application version: 157, EDB library version: 350.0.0 Elapsed: 3.05 seconds