

Document Title: Description, complete machine	Function Group: 000	Information Type: Service Information	Date: 3/17/2025
Profile: A30G Volvo			

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Complete machine, descriptions

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
A30G Volvo	Braås	340001	341999
A30G Volvo	Pederneiras	740001	741999

The machine consists of two main sections, the tractor unit and the load unit. The two units are joined by the frame joint, which allows movement about a vertical bearing for steering. The frame joint also allows twisting of the units in relation to each other along a horizontal axis.

Engine

The machine is equipped with a straight six cylinder, four-stroke, turbocharged diesel engine with direct injection and intercooler (charge-air cooler). The engine has an overhead camshaft and one unit injector per cylinder. The cylinder head is common for all cylinders and has four valves per cylinder.

D11L (machine model G)

The engine meets the emission requirements for US Tier 4 Final and California Tier 4 Final as well as EU's Stage IV. The engine requires fuel with low sulphur content and is equipped with an exhaust aftertreatment system (EATS), which consists of a catalyst (catalytic converter) and injection of AdBlue®/DEF. The system is monitored and controlled by the aftertreatment control module (ACM).

D11F (machine model F)

The engine meets emission requirements for Stage II. The engine can handle fuels with higher sulphur content than engine D11L.

Electrical system

Machine model G has eight control units (ECU).

Machine model F has six control units (ECU).

- **V-ECU**
Located on the left side in the cab in front of the circuit board. The V-ECU is the upper of the two ECUs. Handles brakes, gearshifting, steering, and cooling fan control on the machine.
- **V2-ECU**
Located on the left side in the cab in front of the circuit board. The V2-ECU is the lower of the two ECUs. Handles dumping system, brake cooling system, ATC, and differential locks.
- **W-ECU**
Located on the left side in the cab over the circuit board. Handles CareTrack. (Telematic system for remote monitoring of information from the machine).
- **HMIM**
Located on the left side in the cab over the circuit board. Handles information for the operator via instrumentation, information display unit, warning lights, and instruments.
- **ECC**
Located in the cab on the right side under the gear selector. Handles the climate control system.

Only applies to machine model G:

[Sample of manual. Download All 7049 pages at:](#)

<https://www.arepairmanual.com/downloads/volvo-a30g-articulated-haulers-service-repair-manual/>

- **ECM (E-ECU)**
Located on the left side of the engine.
Handles the engine.
- **ACM**
Located under the engine hood on the leading edge of the right front fender.
Handles the exhaust aftertreatment system.
- **Engine Gateway**
Located on the front cab wall under the left instrument panel.
Handles communication between the engine system and the machine system.

Only applies to machine model F:

- **E-ECU**
Located on the left side of the engine.
Handles the engine.

Power transmission

The **transmission** is fully automatic and of the planetary gear type. It has a torque converter with free-wheel stator and automatic direct clutch (Lock-up) in all gears. The machine has six forward gears and two reverse gears.

The **dropbox** has a differential of the dog-clutch type which distributes torque equally between the front axle and rear axles, reducing tire and road wear, as well as fuel consumption. The longitudinal differential features a lock function.

ATC, Automatic Traction Control, automatically controls engagement and disengagement of the longitudinal differential lock and 6-wheel drive as needed.

The **drive axles** are equipped with a differential of dog-clutch type and planetary gear hub reductions. All drive axles have a differential lock.

Brake system

Engine brake

Depending on setting of switches, an engine brake is available to reduce wear of the brakes.

Service brake

The machine is equipped with 2-circuit, fully hydraulically controlled, and self-adjusting wet brakes, one brake circuit for the tractor unit and one for the load unit. The brake units consist of fully sealed, oil-cooled disc brakes with external cooling. The brake system and hydraulic system have a common oil tank. The brake cooling system has a separate oil tank.

Parking brake

The parking brake is of the self-adjusting spring brake type and acts on the propeller shaft for the two front axles. The longitudinal differential lock in the dropbox is engaged at the same time as the parking brake is applied, which means that the propeller shafts lock the front axle and the front bogie axle. The parking brake has a separate compressed air circuit for brake release.

Steering system

The steering system is self-compensating, hydromechanical with secondary steering function. A ground-dependent pump on the dropbox means that the steering works even if the engine stops.

Suspension

GHS (Gas Hydraulic Suspension)

The machine's tractor unit features GHS (Gas Hydraulic Suspension) on the front axle; two hydraulic cylinders filled with oil and nitrogen gas. The cylinders act as both springs and shock absorbers.

Machines with GHS can lean sideways a little, depending on the individual wheel suspension and uneven weight distribution due to how much fuel there is in the diesel tank.

Cab

The cab features an automatically controlled heating and ventilation system with defroster system for the windows. Air conditioning is available as an option. The cab has three emergency exits, the door and the front side windows on both right and left side. These are broken with the hammer in the cab if evacuation is necessary that way.

FOPS and ROPS

The cab is approved as a protective cab according to FOPS and ROPS standards, see page [CE-marking, EMC-directive](#). FOPS is an abbreviation of Falling Objects Protective Structure (roof protection) and ROPS is an abbreviation of Roll Over Protective Structure (roll over protection).

If any part of the cab's protective design features is affected by plastic deformation or cracks, the cab must be replaced immediately.

Sample of manual. Download All 7049 pages at:

<https://www.aresairmanual.com/downloads/volvo-a30g-articulated-haulers-service-repair-manual/>

Never make any unauthorized changes to the cab, e.g., lowering the roof height, drilling, welding on of brackets for fire extinguishers, radio antenna, or other equipment without first discussing the modifications, via a dealer, with personnel at Volvo CE's design and engineering department. They will decide if the modification can lead to the approval becoming invalid.

Hydraulics

The hydraulic system consists of five hydraulic pumps of piston type, with continuous variable displacement. There are two pumps for the steering and dumping system, two for fan drive, and one ground-dependent hydraulic pump mounted on the dropbox. The radiator's fan pump also supplies the brake system with flow via a hydraulic valve that switches between brake charging and fan drive/brake cooling. The ground-dependent pump delivers oil, via a non-return valve, to the steering system when the machine is rolling forwards.

Dumping system

The machine features an electric dump lever which sends an electric signal to two electro-hydraulic valves. These send a hydraulic signal to the dumping valve which controls the load body's movement. The machine has damping at the upper and lower load body positions.

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A30G Volvo	Braås	332001	339999
A30G Volvo	Braås	342001	349999
A30G Volvo	Braås	352001	359999
A30G Volvo	Pederneiras	722001	729999
A30G Volvo	Pederneiras	732001	739999
A30G Volvo	Pederneiras	742001	749999
A30G Volvo	Pederneiras	752001	759999

The machine consists of two main sections, the tractor unit and the load unit. The two units are joined by the frame joint, which allows movement about a vertical bearing for steering. The frame joint also allows twisting of the units in relation to each other along a horizontal axis.

Engine

The machine is equipped with a straight six cylinder, four-stroke, turbocharged diesel engine with direct injection and intercooler (charge-air cooler). The engine has an overhead camshaft and each cylinder has one unit injector. The cylinder head is common for all cylinders and has four valves per cylinder.

D11L, D11M

The engine complies with US Tier 4 final and California Tier 4 final emission requirements and EU Stage IV emission requirements.

Engines intended for EU and built after 1 January 2019 comply with the EU Stage V emission requirements.

These require low sulphur content in the fuel.

The engine features external, cooled exhaust gas recirculation (EGR) and an exhaust aftertreatment system (EATS).

EATS consists of a diesel particulate filter (DPF), catalyst, and injection of AdBlue®/DEF. The system has a built-in cleaning function, regeneration, which uses increased temperature to clean the EATS.

EATS is monitored and controlled by the aftertreatment control module (ACM).

D11 E

The engine only applies to the markets in Brazil, LAM, and China.

D11F

The engine meets emission requirements for Stage II. The engine can handle fuels with higher sulphur content than the D11L/D11M engine.

Electrical system

Machines with engine alternative D11L have eight control units (ECU).

Machines with engine alternative D11F have six control units (ECU).

- **V-ECU**
Located on the left side in the cab in front of the circuit board. The V-ECU is the upper of the two ECUs. Handles brakes, gearshifting, steering, and cooling fan control on the machine.
- **V2-ECU**

Located on the left side in the cab in front of the circuit board. The V2-ECU is the lower of the two ECUs. Handles dumping system, brake cooling system, ATC, and differential locks.

○ **W-ECU**

Located on the left side in the cab over the circuit board.

Handles CareTrack. (Telematic system for remote monitoring of information from the machine.)

○ **HMIM**

Located on the left side in the cab over the circuit board.

Handles information for the operator via instrumentation, information display unit, warning lights, and instruments.

○ **ECC**

Located in the cab on the right side under the gear selector.

Handles the climate control system.

Only applies to machines with engine alternative D11L/D11M:

○ **ECM (E-ECU)**

Located on the left side of the engine.

Handles the engine.

○ **ACM**

Located under the engine hood on the leading edge of the right front fender.

Handles the exhaust aftertreatment system.

○ **Engine Gateway**

Located on the front cab wall under the left instrument panel.

Handles communication between the engine system and the machine system.

Only applies to machines with engine alternative D11F:

○ **E-ECU**

Located on the left side of the engine.

Handles the engine.

Only applies to machines with engine alternative D11E:

○ **E-ECU**

Located on the left side of the engine.

Handles the engine

○ **Engine Gateway**

Located on the front cab wall under the left instrument panel.

Handles communication between the engine system and the machine system.

Power transmission

The **transmission** is fully automatic and of the planetary gear type. It has a torque converter with free-wheel stator and automatic direct clutch (Lock-up) in all gears. The transmission has six forward gears and two reverse gears.

The **dropbox** has a differential type which distributes torque equally between the front axle and rear axles, reducing tire and road wear, as well as fuel consumption. The longitudinal differential features a lock function.

ATC, Automatic Traction Control, automatically controls engagement and disengagement of the longitudinal differential lock and 6-wheel drive as needed.

The **drive axles** are equipped with a differential and planetary gear hub reductions. All drive axles have differential lock.

Brake system

Engine brake

Depending on setting of switches, an engine brake is available to reduce wear of the brakes.

Service brake

The service brake is operated hydraulically. All wheel axles are equipped with sealed, wet multi-disc brakes and external oil cooler.

The brake system and hydraulic system have a common oil tank. The brake cooling system has a separate oil tank.

Parking brake

The hydraulic parking brake acts on the propeller shaft to the front bogie axle, and on the front axle as well through the dropbox.

The longitudinal differential lock in the dropbox is engaged at the same time as the parking brake is applied, which means

that the propeller shaft locks the front axle and the front bogie axle.

Steering system

The steering system is self-compensating, hydromechanical with secondary steering function. A ground-dependent pump on the dropbox means that the steering works even if the engine stops as long as the machine is rolling forward.

Suspension

GHS (Gas Hydraulic Suspension)

The machine's tractor unit features GHS (Gas Hydraulic Suspension) on the front axle; two hydraulic cylinders filled with oil and nitrogen gas. The cylinders act as both springs and shock absorbers.

Machines with GHS can lean sideways a little, depending on the individual wheel suspension and uneven weight distribution due to how much fuel there is in the diesel tank.

Cab

The cab features an automatically controlled heating and ventilation system with defroster system for the windows. Air conditioning is standard. The cab has three emergency exits, the door and the front side windows on both right and left side. These are broken with the hammer in the cab if evacuation is necessary that way.

FOPS and ROPS

The cab is approved as a protective cab according to FOPS and ROPS standards, see page [CE-marking, EMC-directive](#). FOPS is an abbreviation of Falling Objects Protective Structure (roof protection) and ROPS is an abbreviation of Roll Over Protective Structure (roll over protection).

If any part of the cab's protective design features is affected by plastic deformation or cracks, the cab must be replaced immediately.

Never make any unauthorized changes to the cab, e.g., lowering the roof height, drilling, welding on of brackets for fire extinguishers, radio antenna, or other equipment without first discussing the modifications, via a dealer, with personnel at Volvo CE's design and engineering department. They will decide if the modification can lead to the approval becoming invalid.

Hydraulics

The hydraulic system consists of five hydraulic pumps of piston type, with continuous variable displacement. Two of these pumps are used for the steering and dumping system, two for fan drive, and one is a ground-dependent hydraulic pump mounted on the dropbox. The radiator's fan pump also supplies the brake system with flow via a hydraulic valve that switches between brake charging and fan drive. The ground-dependent pump delivers oil, via a non-return valve, to the steering system when the machine is rolling forward.

Dumping system

The machine features an electric dump lever which sends an electric signal to two electro-hydraulic valves. These send a hydraulic signal to the dumping valve which controls the load body's movement. The machine has damping at the upper and lower load body positions.

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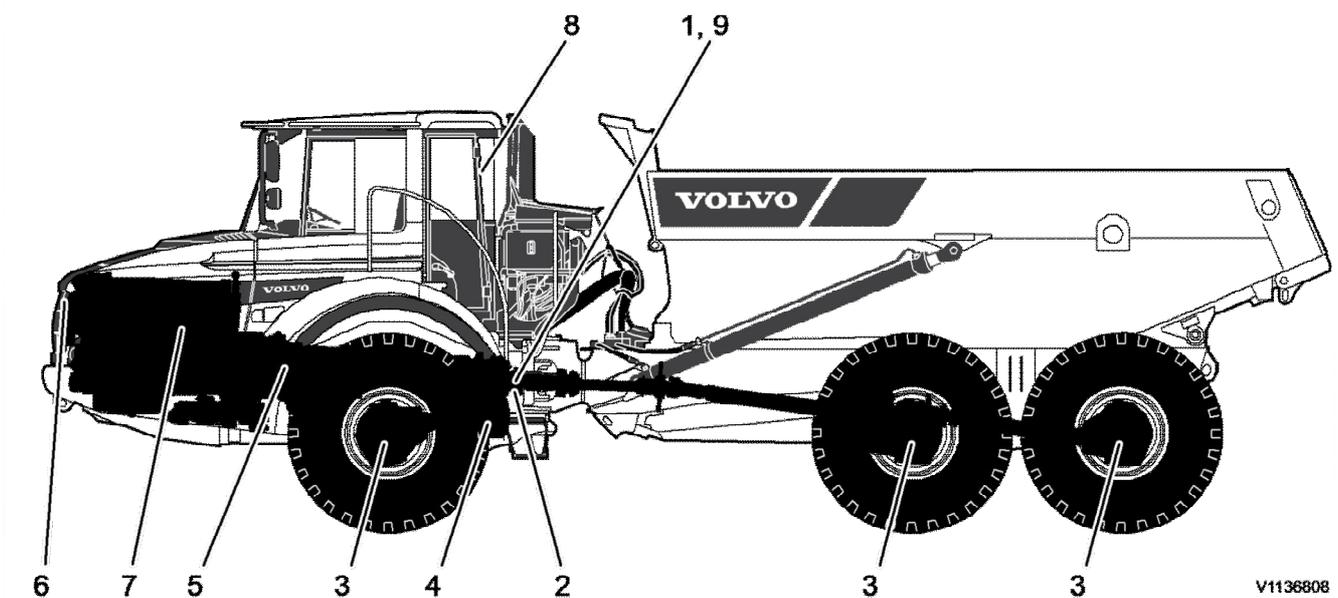
Product plates

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
A30G Volvo	Braås	340001	341999
A30G Volvo	Pederneiras	740001	741999

The illustration and text below show the product plates that should be found on the machine.

When ordering spare parts and when making enquiries by telephone or correspondence, the model designation and **Product Identification Number (PIN)** should be stated.



V1136808

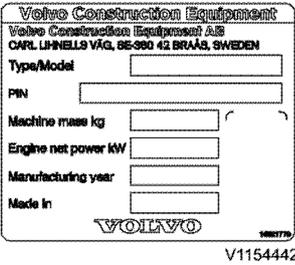
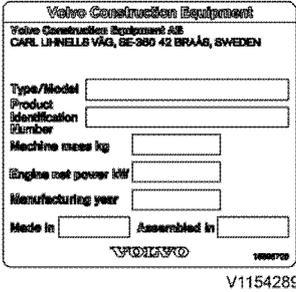
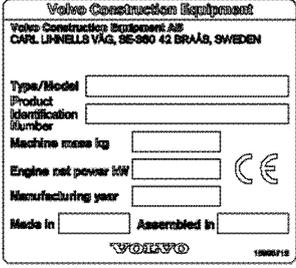
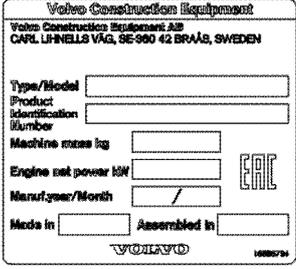
Figure 1

- The product plate (see detailed figure below) is located on the left side of the tractor unit's frame by the steering joint and includes:
 - manufacturer's name and address
 - model/type number for complete machine
 - **Product Identification Number (PIN)**
 - machine weight (machine's most common configuration +10%)
 - engine power
 - year of manufacture
 - month of manufacture (only countries within Eurasian Customs Union)

- country of manufacture
- assembled
- space for CE-mark (only countries within EU/EEC) or EAC-mark (only countries within Eurasian Customs Union)

2. The machine's serial number is stamped into the frame on the left side of the tractor unit, by the steering joint.
3. The drive axles' serial numbers are located on the axle housing.
4. The dropbox's serial number is located at the front, on its right side.
5. The transmission's type designation and serial number are located on its left side.
6. The decal "Important Engine Information" is located on the front of the engine and on the left side of the tractor unit's frame by the steering joint.
7. The engine's type designation, part number, and serial number are stamped into the engine on both sides.
8. Cab type, type approval, and serial number are located on the left side in the cab, on the pillar to the left of the door (seen from inside the cab), closest to the rear window.
9. Engine and exhaust decal with the engine's type designation and component number.

Product plate

Version A	Version B
 <p>Figure 2 Worldwide</p>	 <p>Figure 3 Worldwide</p>
	 <p>Figure 4 Countries within EU/EEC</p>
	 <p>Figure 5 Countries within Eurasian Customs Union</p>

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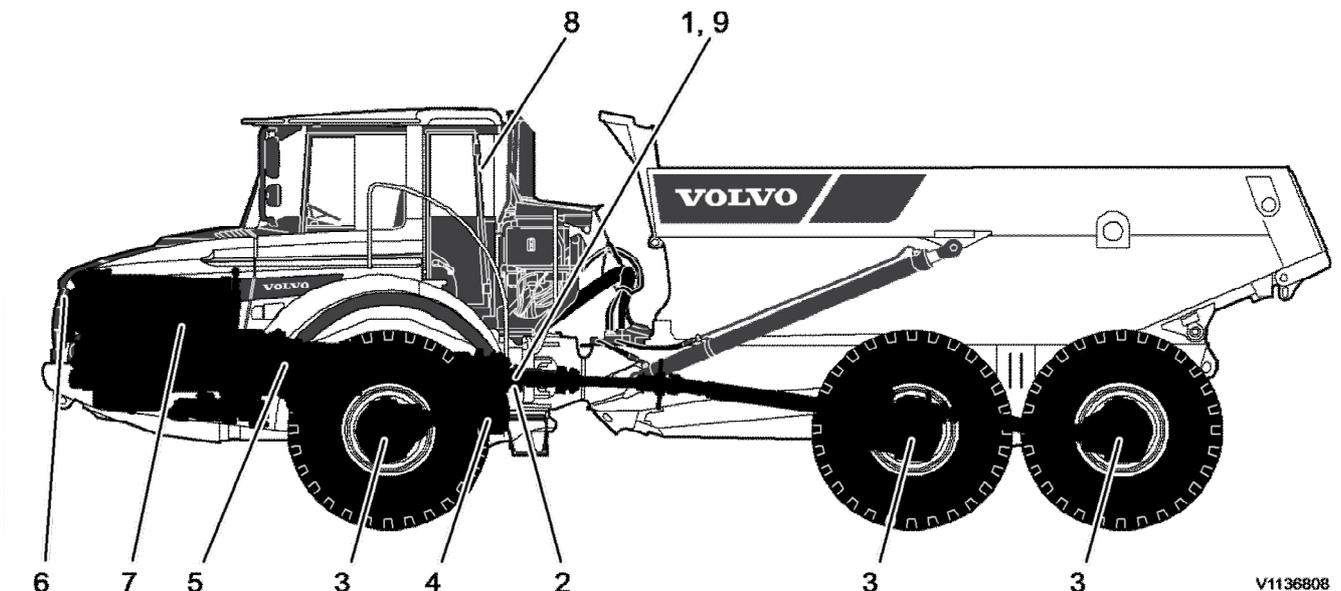
Product plates

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
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A30G Volvo	Braås	332001	339999
A30G Volvo	Braås	342001	349999
A30G Volvo	Braås	352001	359999
A30G Volvo	Pederneiras	722001	729999
A30G Volvo	Pederneiras	732001	739999
A30G Volvo	Pederneiras	742001	749999
A30G Volvo	Pederneiras	752001	759999

The illustration and text below show the product plates that should be found on the machine.

When ordering spare parts and when making enquiries by telephone or correspondence, the model designation and **Product Identification Number (PIN)** should be stated.



V1136808

Figure 1

1. The data plate is located on the left side of the tractor unit's frame by the steering joint. The data plate varies depending on the market. The information is indicated as follows:

Volvo Construction Equipment
 Volvo Construction Equipment AB
 Carl Linnés väg, SE-363 41 Bräcke, Sweden

Type/Model:

Product Name:

Product Identification Number:

Machine mass kg:

Engine net power kW:

Manufacturing year:

Made in: Assembled in:



 55044553

V1228478

Figure 2

Data plate for countries within the EU/EEC

- manufacturer's name and address
- type/model for complete machine
- product name
- **Product Identification Number (PIN)**
- machine weight (machine's most common configuration)
- motor power
- year of manufacture
- month of manufacture (only countries within Eurasian Customs Union)
- country of manufacture
- assembled

Volvo Construction Equipment
 Volvo Construction Equipment AB
 Carl Linnés väg, SE-363 41 Bräcke, Sweden

Type/Model:

Product Name:

Product Identification Number:

Machine mass kg:

Engine net power kW:

Manufacturing year:

Made in: Assembled in:



 Importer: VFS Ltd, Wedgwood Lane, Warwick, CV34 5FA, Great Britain 34514711

V1228602

Figure 3

UKCA identification plate

Volvo Construction Equipment
 Volvo Construction Equipment AB
 Carl Linnés väg, SE-363 41 Bräcke, Sweden

Type/Model:

Product Name:

Product Identification Number:

Machine mass kg:

Engine net power kW:

Manuf. year/Month: /

Made in: Assembled in:



 55044559

V1228586

Figure 4

Data plate for countries within Eurasian Customs Union

Volvo Construction Equipment
 Volvo Construction Equipment AB
 Carl Linnés väg, SE-363 41 Bräcke, Sweden

型式/型号: 自卸车/

产品系列名称:

产品识别代码:

整机重量 kg:

发动机净功率 kW:

生产年:

生产地: 瑞典 组装地:

 55044556

V1228597

Figure 5
Data plate for China

环保信息标志	
达到国家GB 20681-2014第三阶段排放标准	
生产日期: / /	
信息公开编号: / /	
基本信息	VOLVO 沃尔沃卡车 工程机械
	生产厂家 Volvo Construction Equipment AB
	发动机型号 Volvo Construction Equipment AB
	发动机厂 Volvo Construction Equipment AB
排放系统型式 欧III	
环保关键部件 ECJ, 增压器, 中冷器, 喷油泵, 燃油泵, 空气滤清器和排气消声器	

V1187107

Figure 6
Additional eco label for China

Volvo Construction Equipment	
Volvo Construction Equipment AB	
Carl Lönnerås väg, SE-385 41 Bräde, Sweden	
Type/Model	
Product Name	
Product Identification Number	
Machine mass kg	
Engine net power kW	
Manufacturing year	
Made in	Assembled in
VOLVO	
550448A3	

V1228596

Figure 7
Data plate for rest of the world

Volvo Equipamentos de Construção Latin America Ltda.	
Av. Lions Club 2470 - CEP 17.280-000	
Pederneiras - São Paulo, Brasil	
CNPJ: 29.307.609/0001-90	16949623

V1210148

Figure 8
Additional sign with Brazilian address

2. The machine's serial number is stamped into the frame on the left side of the tractor unit, by the steering joint.
3. The drive axles' serial numbers are located on the axle housing.
4. The dropbox's serial number is located at the front, on its right side.
5. The transmission's type designation and serial number are located on its left side.
6. The decal "Important Engine Information" is located on the front of the engine and on the left side of the tractor unit's frame by the steering joint.
7. The engine's type designation, part number, and serial number are stamped into the engine on both sides.
8. Cab type, type approval, and serial number are located on the left side in the cab, on the pillar to the left of the door (seen from inside the cab), closest to the rear window.
9. Engine and exhaust decal with the engine's type designation and component number.

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Information and safety decals

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A30G Volvo	Pederneiras	740001	741999

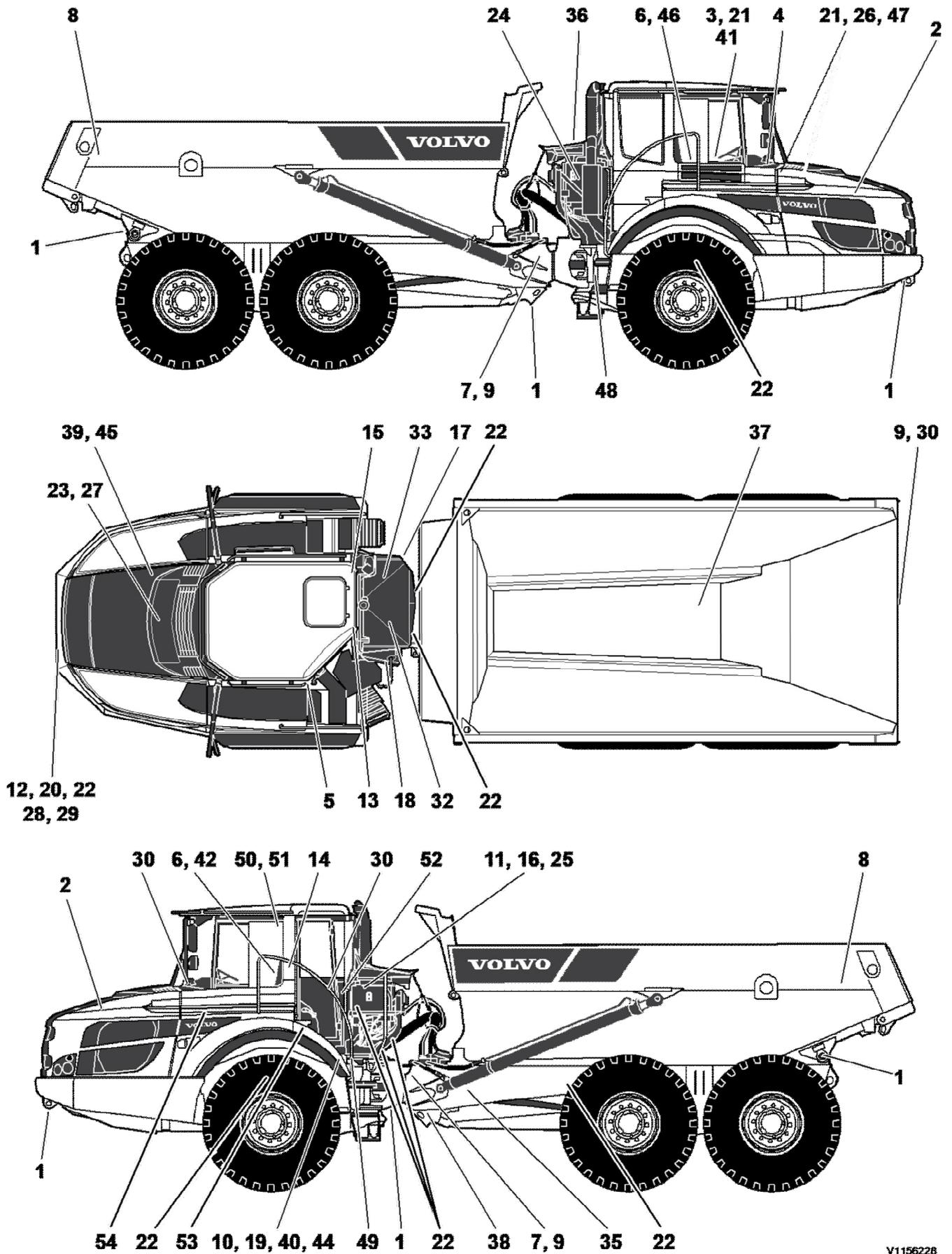
The operator should know, follow, and pay attention to warnings and information stated on decals and plates. All plates/decals are not installed on all machines since they are dependent on market and machine.

The decals must be kept free from dirt, so that they are legible and easy to understand. Decals/plates that have been lost, damaged, painted over, or no longer are legible for other reasons, must be replaced immediately.

The part number (order number) of the each plate/decals can be found in the Parts Catalogue.

NOTE!

The text "WARNING" is stated on warning decals in North America.



V115622B

Figure 1



Figure 2

1. Attaching point for lashing
Spare part number: 16846343



Figure 3

2. Avoid aiming water jets at sound absorbents
Spare part number: 13935005

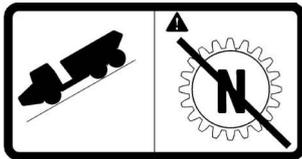


Figure 4

3. WARNING! Do not operate downhill with the gear selector in neutral. Only change gear with the accelerator released.
Spare part number USA: 13935051
Spare part number, all other markets: 15064504

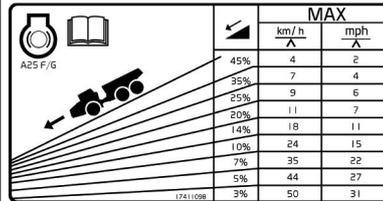


Figure 5

4. Retarder diagram
Spare part number A25F and A25G: 17411098
Spare part number A30F and A30G: 17411100



Figure 6

5. Oil fill point transmission
Spare part number: 11197518



Figure 7

6. Emergency exit
Spare part number: 11116814



Figure 8

7. WARNING! Risk of crushing – articulated frame steering
Spare part number USA: 13935000
Spare part number, all other markets: 15048526

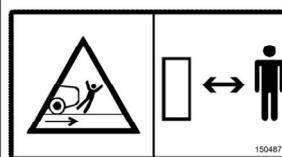


Figure 9

8. WARNING! Do not stand within the work area of a reversing machine
Spare part number USA: 15180541
Spare part number, all other markets: 15048777



V1086549

Figure 10

9. WARNING! Do not lean in under raised load body unless it is blocked

Spare part number USA: 13935019

Spare part number, all other markets: 15048231



13935004

V1054175

Figure 11

NOTE! Only USA-market.

10. WARNING! Before connecting start cables, read the Operator's Manual

Spare part number USA: 13935004

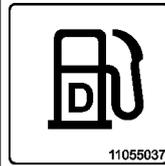


13935018
V1086552

Figure 12

11. Hydraulic oil

Spare part number: 13935018



11055037

V1054186

Figure 13

12. Fuel

Spare part number: 11055037



V1054194

Figure 14

13. Sound pressure level (LpA) in cab

Spare part number 70 dB: 11180148

Spare part number 72 dB: 11180150

Spare part number 74 dB: 11180152



V1054192

Figure 15

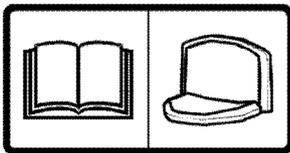
14. Sound power level (LwA) outside machine

Spare part number 110 dB: 11180165

Spare part number 111 dB: 11180166

Spare part number 108 dB (optional equipment): 11196588

Spare part number 109 dB (optional equipment): 11196589

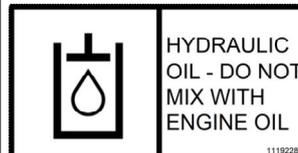


V1093411

Figure 16

15. Compartment for Operator's Manual

Spare part number: 15164402



11192288
V1093347

Figure 17

NOTE! Only USA-market.

16. Hydraulic oil. Do not mix with engine oil.

Spare part number: 11192288



Figure 18

17. WARNING! Hot surfaces
 Spare part number USA: 14531179
 Spare part number, all other markets: 15048695



Figure 19

18. Oil fill point dropbox
 Spare part number: 15170937

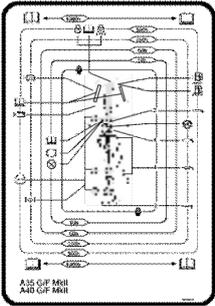


Figure 20

19. Service decal
 Spare part number: 16872868

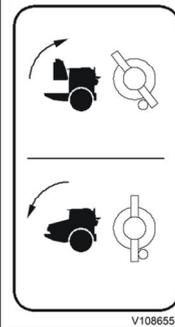


Figure 21

20. Engine hood
 Spare part number: 11116228

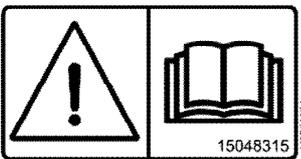


Figure 22

21. Read the Operator's Manual
 Spare part number USA: 13935003
 Spare part number, all other markets: 15048315



Figure 23

22. System/component with pressure
 Spare part number: 4948092



Figure 24

23. WARNING! Hot coolant
 Spare part number: 14526798

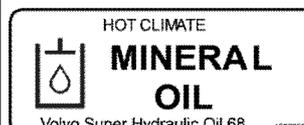


Figure 25

24. Brake cooling oil
 Spare part number: 11116416



V1093357



V1093354

Figure 26

25. Synthetic ester
Spare part number: 11411924



V1154730

Figure 28

26. Air conditioning filled with R134a. Opening pressure, safety valve (optional equipment)
Spare part number: 16866171

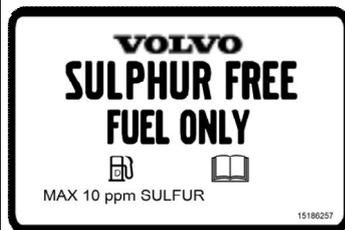


Figure 30

28. Fuel decal
Max 10 ppm SULFUR (only EU).
Spare part number: 15186257

Figure 27

25. Mineral oil for warm climate
Spare part number: 15079569



Figure 29

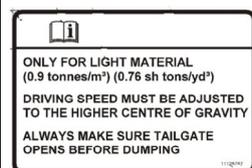
27. WARNING! Only use Volvo coolant VCS – read the Operator's Manual
Spare part number: 11445056



V1093047

Figure 31

29. Fuel decal
Max. 15 ppm SULPHUR (only USA).
Spare part number: 15152938



V1095339

Figure 32

30. WARNING! The machine may not carry a heavier load than that which is stated on the decal (only on machines with body extensions for light materials).
Spare part number: 11125767, 11125707



Figure 33

32. Hydraulic oil
Spare part number: 4948103



Figure 34

33. Brake cooling oil
Spare part number: 15042783

A2S F/G ~ 24,000 kg (53,000 lb)		T	
Engine power: 20.0 kW (27.1 HP)	20.0 kW (27.1 HP)	20.0 kW (27.1 HP)	20.0 kW (27.1 HP)
Engine power: 24.0 kW (32.5 HP)	24.0 kW (32.5 HP)	24.0 kW (32.5 HP)	24.0 kW (32.5 HP)
Engine power: 28.0 kW (37.8 HP)	28.0 kW (37.8 HP)	28.0 kW (37.8 HP)	28.0 kW (37.8 HP)
Engine power: 32.0 kW (43.3 HP)	32.0 kW (43.3 HP)	32.0 kW (43.3 HP)	32.0 kW (43.3 HP)
Engine power: 36.0 kW (48.7 HP)	36.0 kW (48.7 HP)	36.0 kW (48.7 HP)	36.0 kW (48.7 HP)
Engine power: 40.0 kW (54.1 HP)	40.0 kW (54.1 HP)	40.0 kW (54.1 HP)	40.0 kW (54.1 HP)
Engine power: 44.0 kW (59.5 HP)	44.0 kW (59.5 HP)	44.0 kW (59.5 HP)	44.0 kW (59.5 HP)
Engine power: 48.0 kW (64.9 HP)	48.0 kW (64.9 HP)	48.0 kW (64.9 HP)	48.0 kW (64.9 HP)
Engine power: 52.0 kW (70.3 HP)	52.0 kW (70.3 HP)	52.0 kW (70.3 HP)	52.0 kW (70.3 HP)
Engine power: 56.0 kW (75.7 HP)	56.0 kW (75.7 HP)	56.0 kW (75.7 HP)	56.0 kW (75.7 HP)
Engine power: 60.0 kW (81.1 HP)	60.0 kW (81.1 HP)	60.0 kW (81.1 HP)	60.0 kW (81.1 HP)
Engine power: 64.0 kW (86.5 HP)	64.0 kW (86.5 HP)	64.0 kW (86.5 HP)	64.0 kW (86.5 HP)
Engine power: 68.0 kW (91.9 HP)	68.0 kW (91.9 HP)	68.0 kW (91.9 HP)	68.0 kW (91.9 HP)
Engine power: 72.0 kW (97.3 HP)	72.0 kW (97.3 HP)	72.0 kW (97.3 HP)	72.0 kW (97.3 HP)
Engine power: 76.0 kW (102.7 HP)	76.0 kW (102.7 HP)	76.0 kW (102.7 HP)	76.0 kW (102.7 HP)
Engine power: 80.0 kW (108.1 HP)	80.0 kW (108.1 HP)	80.0 kW (108.1 HP)	80.0 kW (108.1 HP)
Engine power: 84.0 kW (113.5 HP)	84.0 kW (113.5 HP)	84.0 kW (113.5 HP)	84.0 kW (113.5 HP)
Engine power: 88.0 kW (118.9 HP)	88.0 kW (118.9 HP)	88.0 kW (118.9 HP)	88.0 kW (118.9 HP)
Engine power: 92.0 kW (124.3 HP)	92.0 kW (124.3 HP)	92.0 kW (124.3 HP)	92.0 kW (124.3 HP)
Engine power: 96.0 kW (129.7 HP)	96.0 kW (129.7 HP)	96.0 kW (129.7 HP)	96.0 kW (129.7 HP)
Engine power: 100.0 kW (135.1 HP)	100.0 kW (135.1 HP)	100.0 kW (135.1 HP)	100.0 kW (135.1 HP)
Engine power: 104.0 kW (140.5 HP)	104.0 kW (140.5 HP)	104.0 kW (140.5 HP)	104.0 kW (140.5 HP)
Engine power: 108.0 kW (145.9 HP)	108.0 kW (145.9 HP)	108.0 kW (145.9 HP)	108.0 kW (145.9 HP)
Engine power: 112.0 kW (151.3 HP)	112.0 kW (151.3 HP)	112.0 kW (151.3 HP)	112.0 kW (151.3 HP)
Engine power: 116.0 kW (156.7 HP)	116.0 kW (156.7 HP)	116.0 kW (156.7 HP)	116.0 kW (156.7 HP)
Engine power: 120.0 kW (162.1 HP)	120.0 kW (162.1 HP)	120.0 kW (162.1 HP)	120.0 kW (162.1 HP)
Engine power: 124.0 kW (167.5 HP)	124.0 kW (167.5 HP)	124.0 kW (167.5 HP)	124.0 kW (167.5 HP)
Engine power: 128.0 kW (172.9 HP)	128.0 kW (172.9 HP)	128.0 kW (172.9 HP)	128.0 kW (172.9 HP)
Engine power: 132.0 kW (178.3 HP)	132.0 kW (178.3 HP)	132.0 kW (178.3 HP)	132.0 kW (178.3 HP)
Engine power: 136.0 kW (183.7 HP)	136.0 kW (183.7 HP)	136.0 kW (183.7 HP)	136.0 kW (183.7 HP)
Engine power: 140.0 kW (189.1 HP)	140.0 kW (189.1 HP)	140.0 kW (189.1 HP)	140.0 kW (189.1 HP)
Engine power: 144.0 kW (194.5 HP)	144.0 kW (194.5 HP)	144.0 kW (194.5 HP)	144.0 kW (194.5 HP)
Engine power: 148.0 kW (199.9 HP)	148.0 kW (199.9 HP)	148.0 kW (199.9 HP)	148.0 kW (199.9 HP)
Engine power: 152.0 kW (205.3 HP)	152.0 kW (205.3 HP)	152.0 kW (205.3 HP)	152.0 kW (205.3 HP)
Engine power: 156.0 kW (210.7 HP)	156.0 kW (210.7 HP)	156.0 kW (210.7 HP)	156.0 kW (210.7 HP)
Engine power: 160.0 kW (216.1 HP)	160.0 kW (216.1 HP)	160.0 kW (216.1 HP)	160.0 kW (216.1 HP)
Engine power: 164.0 kW (221.5 HP)	164.0 kW (221.5 HP)	164.0 kW (221.5 HP)	164.0 kW (221.5 HP)
Engine power: 168.0 kW (226.9 HP)	168.0 kW (226.9 HP)	168.0 kW (226.9 HP)	168.0 kW (226.9 HP)
Engine power: 172.0 kW (232.3 HP)	172.0 kW (232.3 HP)	172.0 kW (232.3 HP)	172.0 kW (232.3 HP)
Engine power: 176.0 kW (237.7 HP)	176.0 kW (237.7 HP)	176.0 kW (237.7 HP)	176.0 kW (237.7 HP)
Engine power: 180.0 kW (243.1 HP)	180.0 kW (243.1 HP)	180.0 kW (243.1 HP)	180.0 kW (243.1 HP)
Engine power: 184.0 kW (248.5 HP)	184.0 kW (248.5 HP)	184.0 kW (248.5 HP)	184.0 kW (248.5 HP)
Engine power: 188.0 kW (253.9 HP)	188.0 kW (253.9 HP)	188.0 kW (253.9 HP)	188.0 kW (253.9 HP)
Engine power: 192.0 kW (259.3 HP)	192.0 kW (259.3 HP)	192.0 kW (259.3 HP)	192.0 kW (259.3 HP)
Engine power: 196.0 kW (264.7 HP)	196.0 kW (264.7 HP)	196.0 kW (264.7 HP)	196.0 kW (264.7 HP)
Engine power: 200.0 kW (270.1 HP)	200.0 kW (270.1 HP)	200.0 kW (270.1 HP)	200.0 kW (270.1 HP)
Engine power: 204.0 kW (275.5 HP)	204.0 kW (275.5 HP)	204.0 kW (275.5 HP)	204.0 kW (275.5 HP)
Engine power: 208.0 kW (280.9 HP)	208.0 kW (280.9 HP)	208.0 kW (280.9 HP)	208.0 kW (280.9 HP)
Engine power: 212.0 kW (286.3 HP)	212.0 kW (286.3 HP)	212.0 kW (286.3 HP)	212.0 kW (286.3 HP)
Engine power: 216.0 kW (291.7 HP)	216.0 kW (291.7 HP)	216.0 kW (291.7 HP)	216.0 kW (291.7 HP)
Engine power: 220.0 kW (297.1 HP)	220.0 kW (297.1 HP)	220.0 kW (297.1 HP)	220.0 kW (297.1 HP)
Engine power: 224.0 kW (302.5 HP)	224.0 kW (302.5 HP)	224.0 kW (302.5 HP)	224.0 kW (302.5 HP)
Engine power: 228.0 kW (307.9 HP)	228.0 kW (307.9 HP)	228.0 kW (307.9 HP)	228.0 kW (307.9 HP)
Engine power: 232.0 kW (313.3 HP)	232.0 kW (313.3 HP)	232.0 kW (313.3 HP)	232.0 kW (313.3 HP)
Engine power: 236.0 kW (318.7 HP)	236.0 kW (318.7 HP)	236.0 kW (318.7 HP)	236.0 kW (318.7 HP)
Engine power: 240.0 kW (324.1 HP)	240.0 kW (324.1 HP)	240.0 kW (324.1 HP)	240.0 kW (324.1 HP)
Engine power: 244.0 kW (329.5 HP)	244.0 kW (329.5 HP)	244.0 kW (329.5 HP)	244.0 kW (329.5 HP)
Engine power: 248.0 kW (334.9 HP)	248.0 kW (334.9 HP)	248.0 kW (334.9 HP)	248.0 kW (334.9 HP)
Engine power: 252.0 kW (340.3 HP)	252.0 kW (340.3 HP)	252.0 kW (340.3 HP)	252.0 kW (340.3 HP)
Engine power: 256.0 kW (345.7 HP)	256.0 kW (345.7 HP)	256.0 kW (345.7 HP)	256.0 kW (345.7 HP)
Engine power: 260.0 kW (351.1 HP)	260.0 kW (351.1 HP)	260.0 kW (351.1 HP)	260.0 kW (351.1 HP)
Engine power: 264.0 kW (356.5 HP)	264.0 kW (356.5 HP)	264.0 kW (356.5 HP)	264.0 kW (356.5 HP)
Engine power: 268.0 kW (361.9 HP)	268.0 kW (361.9 HP)	268.0 kW (361.9 HP)	268.0 kW (361.9 HP)
Engine power: 272.0 kW (367.3 HP)	272.0 kW (367.3 HP)	272.0 kW (367.3 HP)	272.0 kW (367.3 HP)
Engine power: 276.0 kW (372.7 HP)	276.0 kW (372.7 HP)	276.0 kW (372.7 HP)	276.0 kW (372.7 HP)
Engine power: 280.0 kW (378.1 HP)	280.0 kW (378.1 HP)	280.0 kW (378.1 HP)	280.0 kW (378.1 HP)
Engine power: 284.0 kW (383.5 HP)	284.0 kW (383.5 HP)	284.0 kW (383.5 HP)	284.0 kW (383.5 HP)
Engine power: 288.0 kW (388.9 HP)	288.0 kW (388.9 HP)	288.0 kW (388.9 HP)	288.0 kW (388.9 HP)
Engine power: 292.0 kW (394.3 HP)	292.0 kW (394.3 HP)	292.0 kW (394.3 HP)	292.0 kW (394.3 HP)
Engine power: 296.0 kW (399.7 HP)	296.0 kW (399.7 HP)	296.0 kW (399.7 HP)	296.0 kW (399.7 HP)
Engine power: 300.0 kW (405.1 HP)	300.0 kW (405.1 HP)	300.0 kW (405.1 HP)	300.0 kW (405.1 HP)
Engine power: 304.0 kW (410.5 HP)	304.0 kW (410.5 HP)	304.0 kW (410.5 HP)	304.0 kW (410.5 HP)
Engine power: 308.0 kW (415.9 HP)	308.0 kW (415.9 HP)	308.0 kW (415.9 HP)	308.0 kW (415.9 HP)
Engine power: 312.0 kW (421.3 HP)	312.0 kW (421.3 HP)	312.0 kW (421.3 HP)	312.0 kW (421.3 HP)
Engine power: 316.0 kW (426.7 HP)	316.0 kW (426.7 HP)	316.0 kW (426.7 HP)	316.0 kW (426.7 HP)
Engine power: 320.0 kW (432.1 HP)	320.0 kW (432.1 HP)	320.0 kW (432.1 HP)	320.0 kW (432.1 HP)
Engine power: 324.0 kW (437.5 HP)	324.0 kW (437.5 HP)	324.0 kW (437.5 HP)	324.0 kW (437.5 HP)
Engine power: 328.0 kW (442.9 HP)	328.0 kW (442.9 HP)	328.0 kW (442.9 HP)	328.0 kW (442.9 HP)
Engine power: 332.0 kW (448.3 HP)	332.0 kW (448.3 HP)	332.0 kW (448.3 HP)	332.0 kW (448.3 HP)
Engine power: 336.0 kW (453.7 HP)	336.0 kW (453.7 HP)	336.0 kW (453.7 HP)	336.0 kW (453.7 HP)
Engine power: 340.0 kW (459.1 HP)	340.0 kW (459.1 HP)	340.0 kW (459.1 HP)	340.0 kW (459.1 HP)
Engine power: 344.0 kW (464.5 HP)	344.0 kW (464.5 HP)	344.0 kW (464.5 HP)	344.0 kW (464.5 HP)
Engine power: 348.0 kW (469.9 HP)	348.0 kW (469.9 HP)	348.0 kW (469.9 HP)	348.0 kW (469.9 HP)
Engine power: 352.0 kW (475.3 HP)	352.0 kW (475.3 HP)	352.0 kW (475.3 HP)	352.0 kW (475.3 HP)
Engine power: 356.0 kW (480.7 HP)	356.0 kW (480.7 HP)	356.0 kW (480.7 HP)	356.0 kW (480.7 HP)
Engine power: 360.0 kW (486.1 HP)	360.0 kW (486.1 HP)	360.0 kW (486.1 HP)	360.0 kW (486.1 HP)
Engine power: 364.0 kW (491.5 HP)	364.0 kW (491.5 HP)	364.0 kW (491.5 HP)	364.0 kW (491.5 HP)
Engine power: 368.0 kW (496.9 HP)	368.0 kW (496.9 HP)	368.0 kW (496.9 HP)	368.0 kW (496.9 HP)
Engine power: 372.0 kW (502.3 HP)	372.0 kW (502.3 HP)	372.0 kW (502.3 HP)	372.0 kW (502.3 HP)
Engine power: 376.0 kW (507.7 HP)	376.0 kW (507.7 HP)	376.0 kW (507.7 HP)	376.0 kW (507.7 HP)
Engine power: 380.0 kW (513.1 HP)	380.0 kW (513.1 HP)	380.0 kW (513.1 HP)	380.0 kW (513.1 HP)
Engine power: 384.0 kW (518.5 HP)	384.0 kW (518.5 HP)	384.0 kW (518.5 HP)	384.0 kW (518.5 HP)
Engine power: 388.0 kW (523.9 HP)	388.0 kW (523.9 HP)	388.0 kW (523.9 HP)	388.0 kW (523.9 HP)
Engine power: 392.0 kW (529.3 HP)	392.0 kW (529.3 HP)	392.0 kW (529.3 HP)	392.0 kW (529.3 HP)
Engine power: 396.0 kW (534.7 HP)	396.0 kW (534.7 HP)	396.0 kW (534.7 HP)	396.0 kW (534.7 HP)
Engine power: 400.0 kW (540.1 HP)	400.0 kW (540.1 HP)	400.0 kW (540.1 HP)	400.0 kW (540.1 HP)
Engine power: 404.0 kW (545.5 HP)	404.0 kW (545.5 HP)	404.0 kW (545.5 HP)	404.0 kW (545.5 HP)
Engine power: 408.0 kW (550.9 HP)	408.0 kW (550.9 HP)	408.0 kW (550.9 HP)	408.0 kW (550.9 HP)
Engine power: 412.0 kW (556.3 HP)	412.0 kW (556.3 HP)	412.0 kW (556.3 HP)	412.0 kW (556.3 HP)
Engine power: 416.0 kW (561.7 HP)	416.0 kW (561.7 HP)	416.0 kW (561.7 HP)	416.0 kW (561.7 HP)
Engine power: 420.0 kW (567.1 HP)	420.0 kW (567.1 HP)	420.0 kW (567.1 HP)	420.0 kW (567.1 HP)
Engine power: 424.0 kW (572.5 HP)	424.0 kW (572.5 HP)	424.0 kW (572.5 HP)	424.0 kW (572.5 HP)
Engine power: 428.0 kW (577.9 HP)	428.0 kW (577.9 HP)	428.0 kW (577.9 HP)	428.0 kW (577.9 HP)
Engine power: 432.0 kW (583.3 HP)	432.0 kW (583.3 HP)	432.0 kW (583.3 HP)	432.0 kW (583.3 HP)
Engine power: 436.0 kW (588.7 HP)	436.0 kW (588.7 HP)	436.0 kW (588.7 HP)	436.0 kW (588.7 HP)
Engine power: 440.0 kW (594.1 HP)	440.0 kW (594.1 HP)	440.0 kW (594.1 HP)	440.0 kW (594.1 HP)
Engine power: 444.0 kW (599.5 HP)	444.0 kW (599.5 HP)	444.0 kW (599.5 HP)	444.0 kW (599.5 HP)
Engine power: 448.0 kW (604.9 HP)	448.0 kW (604.9 HP)	448.0 kW (604.9 HP)	448.0 kW (604.9 HP)
Engine power: 452.0 kW (610.3 HP)	452.0 kW (610.3 HP)	452.0 kW (610.3 HP)	452.0 kW (610.3 HP)
Engine power: 456.0 kW (615.7 HP)	456.0 kW (615.7 HP)	456.0 kW (615.7 HP)	456.0 kW (615.7 HP)
Engine power: 460.0 kW (621.1 HP)	460.0 kW (621.1 HP)	460.0 kW (621.1 HP)	460.0 kW (621.1 HP)
Engine power: 464.0 kW (626.5 HP)	464.0 kW (626.5 HP)	464.0 kW (626.5 HP)	464.0 kW (626.5 HP)
Engine power: 468.0 kW (631.9 HP)	468.0 kW (631.9 HP)	468.0 kW (631.9 HP)	468.0 kW (631.9 HP)
Engine power: 472.0 kW (637.3 HP)	472.0 kW (637.3 HP)	472.0 kW (637.3 HP)	472.0 kW (637.3 HP)
Engine power: 476.0 kW (642.7 HP)	476.0 kW (642.7 HP)	476.0 kW (642.7 HP)	476.0 kW (642.7 HP)
Engine power: 480.0 kW (648.1 HP)	480.0 kW (648.1 HP)	480.0 kW (648.1 HP)	480.0 kW (648.1 HP)
Engine power: 484.0 kW (653.5 HP)	484.0 kW (653.5 HP)	484.0 kW (653.5 HP)	484.0 kW (653.5 HP)
Engine power: 488.0 kW (658.9 HP)	488.0 kW (658.9 HP)	488.0 kW (658.9 HP)	488.0 kW (658.9 HP)
Engine power: 492.0 kW (664.3 HP)	492.0 kW (664.3 HP)	492.0 kW (664.3 HP)	492.0 kW (664.3 HP)
Engine power: 496.0 kW (669.7 HP)	496.0 kW (669.7 HP)	496.0 kW (669.7 HP)	496.0 kW (669.7 HP)
Engine power: 500.0 kW (675.1 HP)	500.0 kW (675.1 HP)	500.0 kW (675.1 HP)	500.0 kW (675.1 HP)
Engine power: 504.0 kW (680.5 HP)	504.0 kW (680.5 HP)	504.0 kW (680.5 HP)	504.0 kW (680.5 HP)
Engine power: 508.0 kW (685.9 HP)	508.0 kW (685.9 HP)	508.0 kW (685.9 HP)	508.0 kW (685.9 HP)
Engine power: 512.0 kW (691.3 HP)	512.0 kW (691.3 HP)	512.0 kW (691.3 HP)	512.0 kW (691.3 HP)
Engine power: 516.0 kW (696.7 HP)	516.0 kW (696.7 HP)	516.0 kW (696.7 HP)	516.0 kW (696.7 HP)

Spare part number A25F/A25G: 16896178

Spare part number A30F/A30G: 16896181



Figure 36

NOTE! Only USA-market.

36. WARNING! High pressure in the brake system

Spare part number: 4952166



Figure 37

NOTE! Only USA-market.

37. WARNING! Spring under high pressure

Spare part number: 4952177



Figure 38

NOTE! Only USA-market.

38. Disconnect the steering joint lock before moving the machine

Spare part number: 15002441



Figure 39

NOTE! Only USA-market.

39. Do not use flammable gas in the air intake. Risk of fire.

Spare part number: 11013034

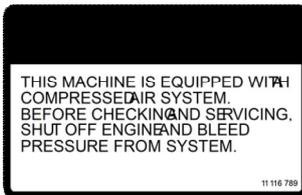


Figure 40

NOTE! Only USA-market.

40. Information compressed air system. Turn off the engine and depressurize the systems before checking and servicing.

Spare part number: 11116789

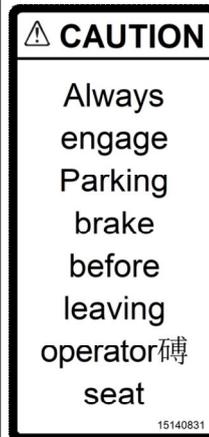


Figure 41

41. Apply the parking brake before leaving the operator's seat

Spare part number: 15140831

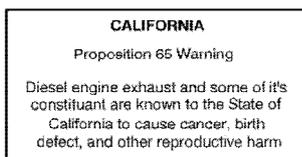


Figure 42

NOTE! Only USA-market.

42. Information diesel exhausts

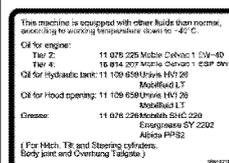


Figure 43

44. The machine is equipped with other fluids than normal for operating in temperatures down to -40°

Spare part number: 16814210

Spare part number: 11046865

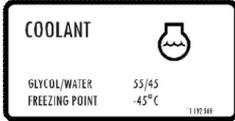


Figure 44

45. The machine has coolant with another mix ratio than normal for operating in temperatures down to -45 °C
Spare part number: 11192569

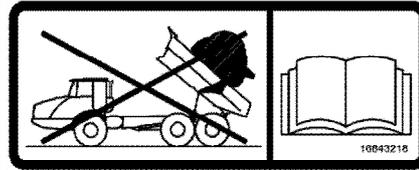
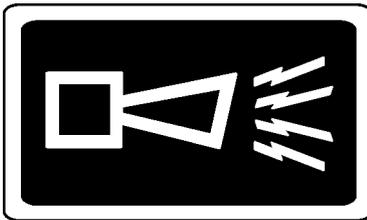


Figure 45

46. Overhung tailgate
Spare part number USA: 16874397
Spare part number, all other markets: 16843775



V1082252

Figure 46

47. Strobe light and sound
Fire Suppression System (Optional equipment)
Spare part number: 15126353

FIRE SUPPRESSION SYSTEM

The agent tank contains Forrex fire suppression liquid.
Working temperature from -30°C to +99°C.
The agent tank type SV-K is pressurised upon release only.
Handle the tank with care. The tank should be inspected and recharged according to the maintenance instructions.
The tank should be handled by authorised personnel only.

Typ / Type	Storlek (liter) / Size (litre)					Arbetsstryck / Working pressure
	5	10	12,5	15	20	
SV-K						20 bar

FILLING DATE CONTAINER

YEARLY INSPECTION CONTAINER

CE

REVISION DATE YEAR

13	14	15	16	17	18
19	20	21	22	23	24

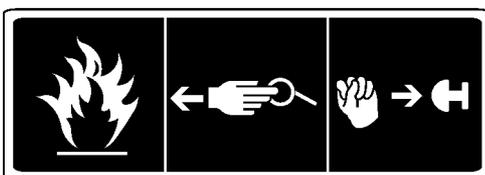
VOLVO

15149324

V1082254

Figure 47

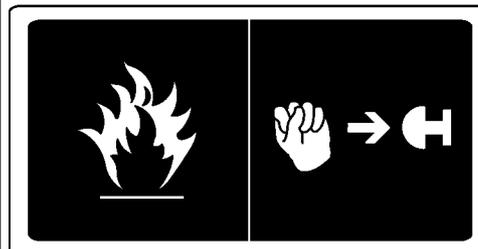
48. Extinguishing agent tank decal
Fire Suppression System (Optional equipment)
Spare part number: 15149324



V1082251

Figure 48

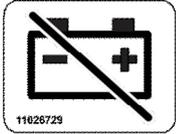
49. Manual activation
Fire Suppression System (Optional equipment)
Spare part number: 15126559



V1082325

Figure 49

50. Inner activation button
Fire Suppression System (Optional equipment)
Spare part number: 15126372



V1118495

Figure 50

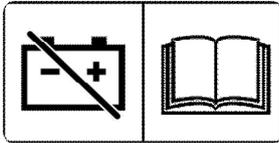
51. Battery disconnect
Fire Suppression System (Optional equipment)
Spare part number: 11026729



V1082253

Figure 51

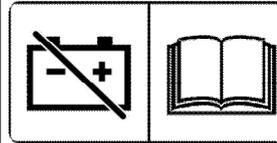
52. Handheld fire extinguisher
Fire Suppression System (Optional equipment)
Spare part number: 15126327



V11151528

Figure 52

53. Emergency switch
Spare part number: 16892452



V11151528

Figure 53

54. Service switch
Spare part number: 16892452

Document Title: Information and warning decals	Function Group: 000	Information Type: Service Information	Date: 3/17/2025
Profile: A30G Volvo			

[Go back to Index Page](#)

Information and safety decals

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
A30G Volvo	Braås	322001	329999
A30G Volvo	Braås	332001	339999
A30G Volvo	Braås	342001	349999
A30G Volvo	Braås	352001	359999
A30G Volvo	Pederneiras	722001	729999
A30G Volvo	Pederneiras	732001	739999
A30G Volvo	Pederneiras	742001	749999
A30G Volvo	Pederneiras	752001	759999

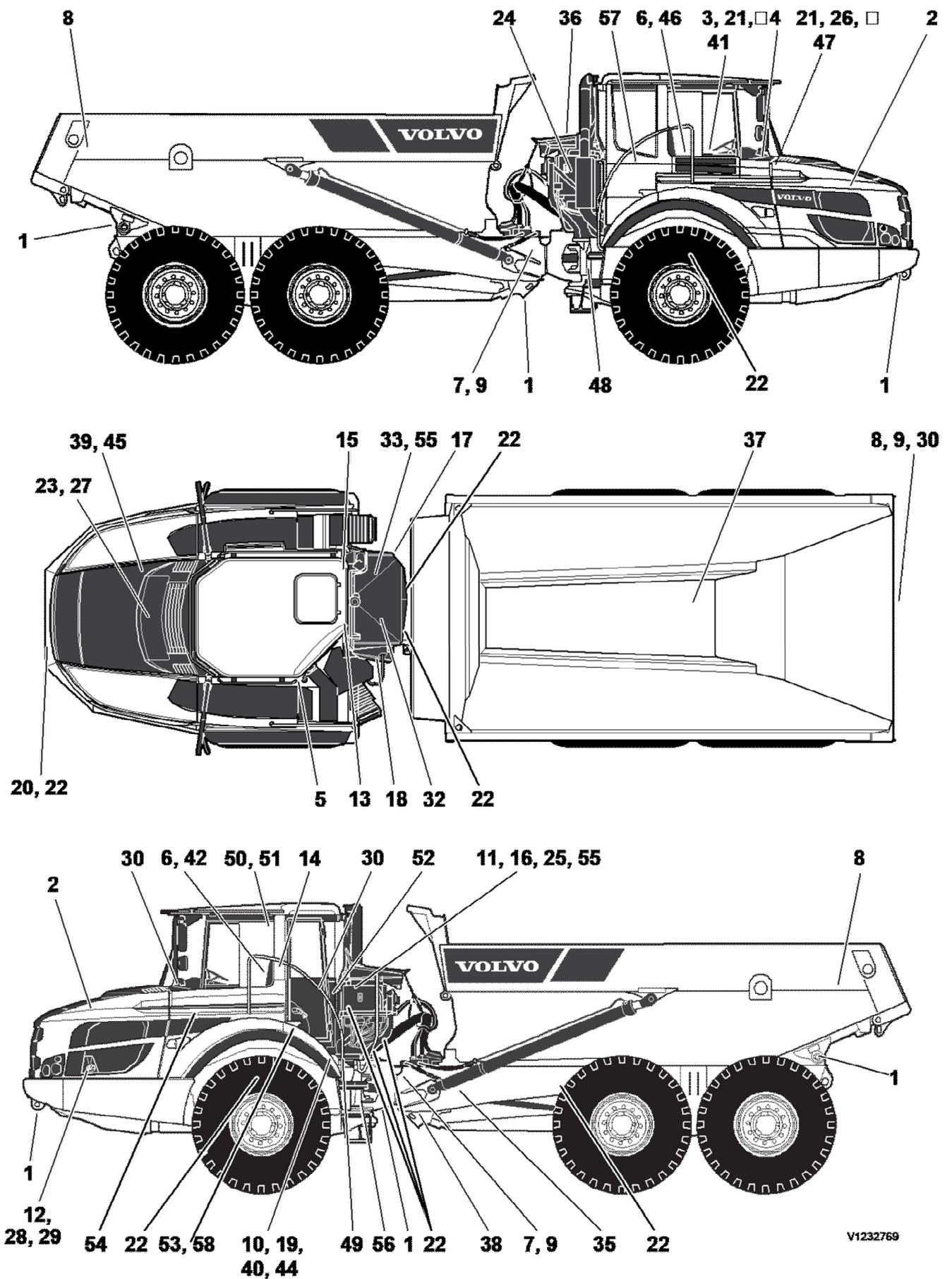
The machine operator should know and pay attention to the warnings and information on decals and plates. Decals may differ depending on the machine and the market.

The decals must be kept clean so that they can be read. Replace damaged, overpainted or missing decals and plates immediately.

The spare part number (order number) is shown on the decals/plates and in the part catalogue.

NOTE!

The text "WARNING" is shown on warning decals in North America.



V1232769

Figure 1

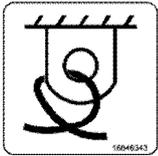


Figure 2

1. Attaching point for lashing
Spare part number: 16846343



Figure 3

2. Avoid aiming water jets at sound absorbents
Spare part number North America: 16929638
Spare part number China: 16315803
Spare part number, all other markets: 16929639

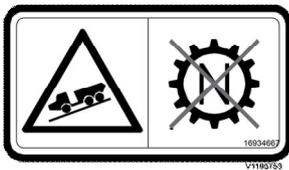


Figure 4

3. WARNING! Do not operate downhill with the gear selector in neutral. Only change gear with the accelerator released.
Spare part number North America: 16929626
Spare part number China: 16934522
Spare part number, all other markets: 16934667

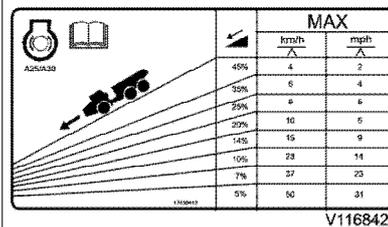


Figure 5

4. Retarder diagram
Spare part number: 17450442



Figure 6

5. Oil fill point transmission
Spare part number: 11197518



Figure 7

6. Emergency exit
Spare part number: 11118814



Figure 8

7. WARNING! Risk of crushing – articulated frame steering
Spare part number North America: 16929620
Spare part number, all other markets: 16901162

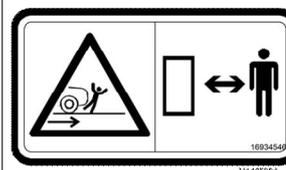


Figure 9

8. WARNING! Do not stand within the work area of a reversing machine
Spare part number North America: 16929627
Spare part number, all other markets: 16934546



Figure 10

9. WARNING! Do not lean in under raised load body unless it is blocked
 Spare part number North America: 16929625
 Spare part number, all other markets: 16934539

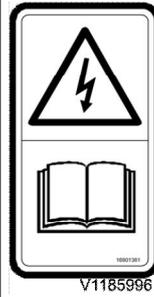


Figure 11

10. WARNING! Before connecting start cables, read the Operator's Manual
 Spare part number North America: 16929621
 Spare part number, all other markets: 16901361

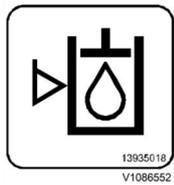


Figure 12

11. Hydraulic oil
 Spare part number: 13935018

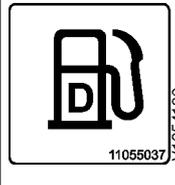


Figure 13

12. Fuel
 Spare part number: 11055037



Figure 14

13. Sound pressure level (LpA) in cab
 Spare part number 70 dB: 11180148
 Spare part number 72 dB: 11180150



Figure 15

14. Sound power level (LwA) outside machine
 Spare part number 110 dB: 11180165
 Spare part number 111 dB: 11180166
 Spare part number 108 dB (optional equipment): 11196588
 Spare part number 109 dB (optional equipment): 11196589

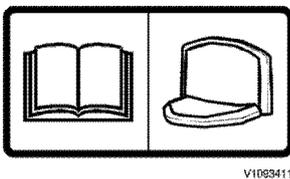


Figure 16

15. Compartment for Operator's Manual
 Spare part number: 15164402

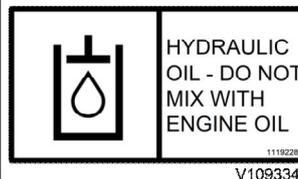


Figure 17

NOTE! Only North American market.
 16. Hydraulic oil. Do not mix with engine oil.
 Spare part number: 11192288

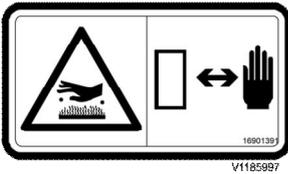


Figure 18

17. WARNING! Hot surfaces
 Spare part number North America: 16929623
 Spare part number, all other markets: 16901391



Figure 19

18. Oil fill point dropbox
 Spare part number: 15170937

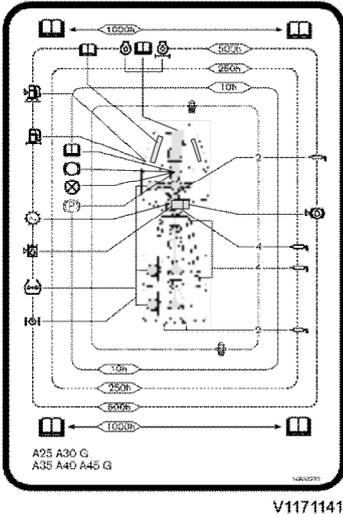


Figure 20

19. Service decal
 Spare part number: 16893723

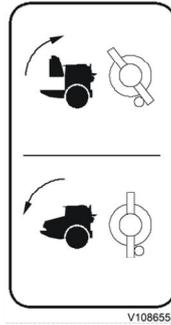


Figure 21

20. Engine hood
 Spare part number: 11116228

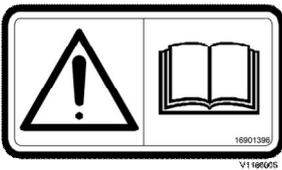


Figure 22

21. Read the Operator's Manual
 Spare part number North America: 16929624
 Spare part number, all other markets: 16901396

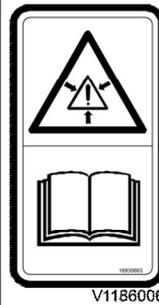


Figure 23

22. System/component with pressure
 Spare part number North America: 16929633
 Spare part number, all other markets: 16930663

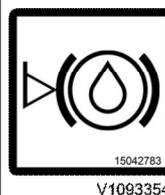


Figure 25

Figure 24

23. WARNING! Hot coolant
Spare part number North America: 16948457
Spare part number, all other markets: 16943076



Figure 26

25. Synthetic ester
Spare part number: 11411924



Figure 28

26. The air conditioning system is filled with R134a.
Spare part number: 16354765

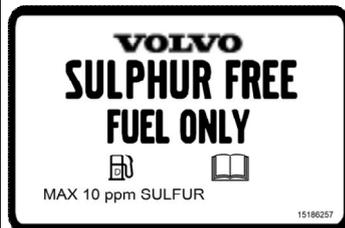


Figure 30

28. Fuel decal
Max. 10 ppm SULPHUR (only EU).
Spare part number: 15186257



Figure 32

30. WARNING! The machine may not carry a heavier load

24. Brake cooling oil
Spare part number: 11116416

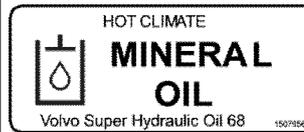


Figure 27

25. Mineral oil for warm climate
Spare part number: 15079569

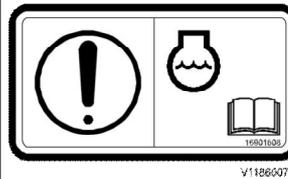


Figure 29

27. WARNING! Only use Volvo coolant VCS – read the Operator's Manual
Spare part number North America: 16902967
Spare part number, all other markets: 16901608

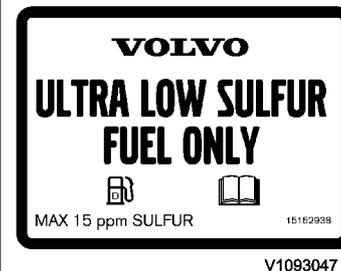


Figure 31

29. Fuel decal
Max. 15 ppm SULPHUR (only North America).
Spare part number: 15152938



Figure 33

32. Hydraulic oil
Spare part number: 4948103

than that which is stated on the decal (only on machines with body extensions for light materials).
Spare part number: 16929637, 16929636



Figure 34

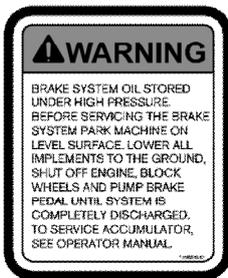
33. Brake cooling oil
Spare part number: 15042783

A25G =25,000 kg (55,000 lb)			
Bridgestone 23.5 R25 VLT	400 kPa (58.0 psi)	450 kPa (65.0 psi)	
Bridgestone 23.5 R25 VLT.S	400 kPa (58.0 psi)	450 kPa (65.0 psi)	
Bridgestone 750/65 R25 VLT	375 kPa (54.5 psi)	400 kPa (58.0 psi)	
Bridgestone 750/65 R25 VLT.S	375 kPa (54.5 psi)	400 kPa (58.0 psi)	
Goodyear 23.5 R25 GP-4D	375 kPa (54.5 psi)	400 kPa (58.0 psi)	
Goodyear 23.5 R25 TL-3A+	375 kPa (54.5 psi)	400 kPa (58.0 psi)	
Goodyear 750/65 R25 TL-3A+	300 kPa (44.0 psi)	325 kPa (47.0 psi)	
Michelin 23.5 R25 XADN+	375 kPa (54.5 psi)	425 kPa (61.5 psi)	
Michelin 23.5 R25 XTRA DEF.	325 kPa (47.0 psi)	400 kPa (58.0 psi)	
Michelin 750/65 R25 XAD65-1	325 kPa (47.0 psi)	375 kPa (54.5 psi)	
Michelin 750/65 R25 XTRA DEF.	375 kPa (54.5 psi)	425 kPa (61.5 psi)	
Yokohama 23.5 R25 RT31	375 kPa (54.5 psi)	425 kPa (61.5 psi)	

V1223859

Figure 35

35. Tyre pressure
Spare part number A25G: 54656534
Spare part number A30G: 54656542



V1186009

Figure 36

NOTE! Only North American market.
36. WARNING! High pressure in the brake system
Spare part number: 16929630



Figure 37

NOTE! Only North American market.
37. WARNING! Spring under high pressure
Spare part number: 4952177



V1186011

Figure 38

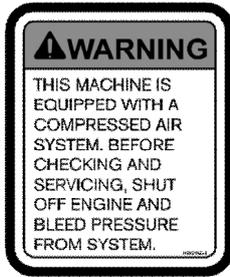
NOTE! Only North American market.
38. Disconnect the steering joint lock before moving the machine
Spare part number: 16929628



V1186012

Figure 39

NOTE! Only North American market.
39. Do not use flammable gas in the air intake. Risk of fire.
Spare part number: 16929629



V1186013

Figure 40

NOTE! Only North American market.

40. Information compressed air system. Turn off the engine and depressurise the systems before checking and servicing. Spare part number: 16929631

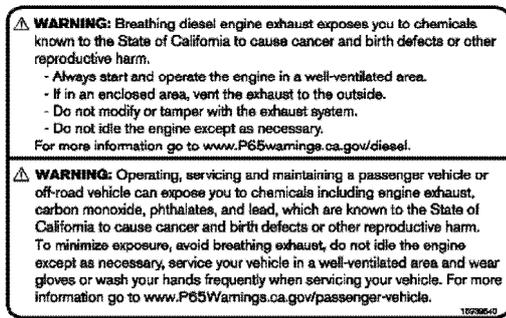


V1186014

Figure 41

41. Apply the parking brake before leaving the operator's seat

Spare part number: 16929634



V1197392

Figure 42

NOTE! Only North American market.

42. Information diesel exhausts Spare part number: 16939540

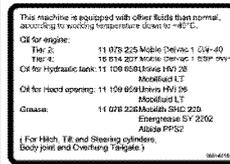


Figure 43

44. The machine is equipped with other fluids than normal for operating in temperatures down to -40 °C

Spare part number: 16814210

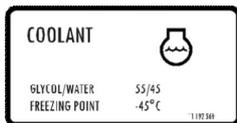


Figure 44

45. The machine has coolant with another mix ratio than normal for operating in temperatures down to -45 °C Spare part number: 11192569



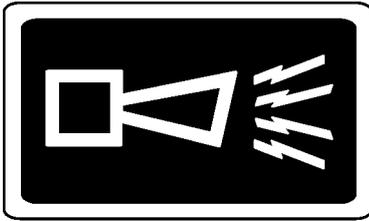
Figure 45

46. Overhung tailgate

Spare part number North America: 16929635

Spare part number China: 16315807

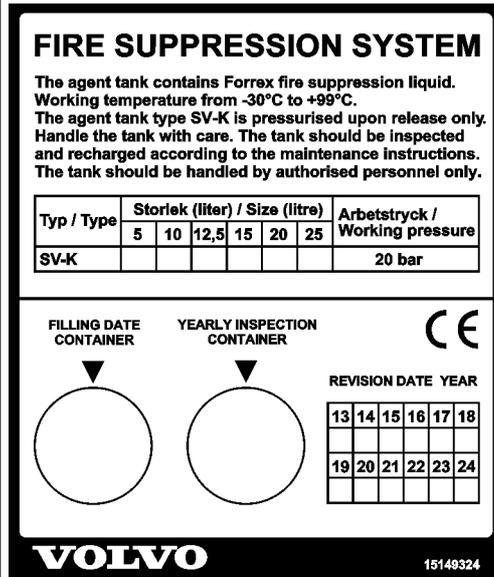
Spare part number, all other markets: 16315805



V1082252

Figure 46

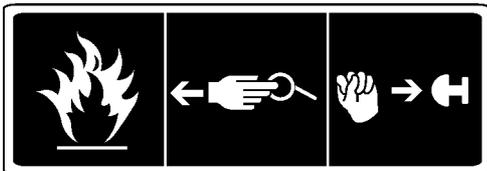
47. Strobe light and sound
 Fire Suppression System (Optional equipment)
 Spare part number: 15126353



V1082254

Figure 47

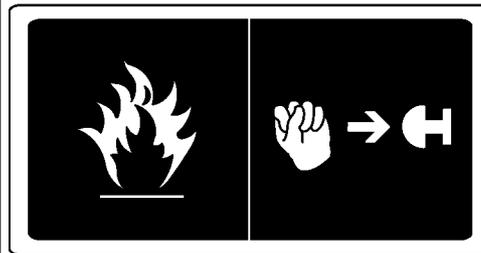
48. Extinguishing agent tank decal
 Fire Suppression System (Optional equipment)
 Spare part number: 15149324



V1082251

Figure 48

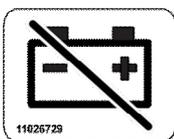
49. Manual activation
 Fire Suppression System (Optional equipment)
 Spare part number: 15126559



V1082325

Figure 49

50. Inner activation button
 Fire Suppression System (Optional equipment)
 Spare part number: 15126372



V1118495

Figure 50

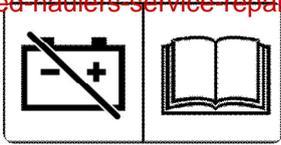
51. Battery disconnect
 Fire Suppression System (Optional equipment)
 Spare part number: 11026729



V1082253

Figure 51

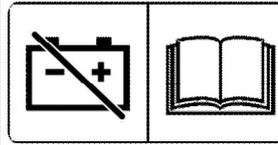
52. Handheld fire extinguisher
 Fire Suppression System (Optional equipment)
 Spare part number: 15126327



V1151528

Figure 52

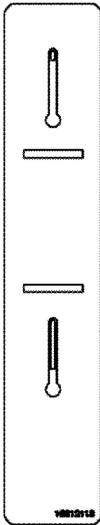
53. Emergency switch
 Spare part number: 55281792



V1151528

Figure 53

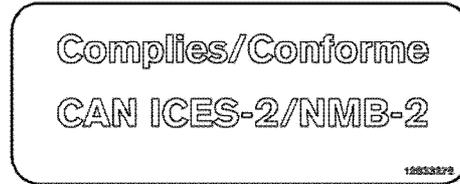
54. Service switch
 Spare part number: 16892452



V1171137

Figure 54

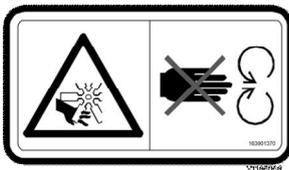
55. Brake cooling oil level/hydraulic oil level
 Spare part number: 16912118



V1179124

Figure 55

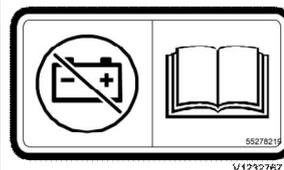
NOTE! Only North American market.
 56. Meets Canadian EMC-requirements
 Spare part number: 12833278



V116058

Figure 56

57. WARNING! Rotating parts
 Spare part number North America: 16929622
 Spare part number China: 16925041
 Spare part number, all other markets: 16901370



V1232787

Figure 57

58. Emergency switch
 Spare part number North America: 55278292
 Spare part number, all other markets: 55278219