



VOLVO APPROVED USED EQUIPMENT

AN INTRODUCTION TO THE VOLVO USED EQUIPMENT NETWORK

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Compact wheeled loaders (Compact)

Group 20, Engine

- Engine including :
 - Injection pump
 - Turbocharger
- Thermostat, cooling fan
- Tier IV coverage:
 - Exhaust brake, exhaust pressure governor
 - Crankcase ventilation
 - Emission after-treatment
 - EGR

Group 30, Electrical system

- Alternator
- Starter motor
- Control units
- Circuit board
- Display unit

Group 40, Power transmission

- Hydraulic transmission, including:
 - pump, control valve and solenoid valves
- Drop-box
- Hydraulic pump, drive
- Hydraulic motor, drive
- Propeller shafts, including bearings and mounting
- Drive axles, front and rear, including the Cooling Pump

Group 50, Brakes

- Brake valves
- Brakes, excluding normal wear

Group 60, Steering system

- Steering cylinders
- Steering pump
- Steering valves

Group 70, Frame

- Oscillation/articulation point

Group 90, Hydraulic system and special functions

- Valves, main hydraulics
- Main hydraulic pump
- Servo valves

Compact excavators (Compact)

Group 20, Engine

- Engine including:
 - Injection pump
- Thermostat, cooling fan
- Tier IV coverage:
 - Exhaust brake, exhaust pressure governor
 - Crankcase ventilation
 - Emission after-treatment
 - EGR

Group 30, Electrical system

- Alternator
- Starter motor
- Control units
- Circuit board
- Display unit

Group 40, Power transmission

- Drop-box
- Hydraulic pump, travelling
- Hydraulic motor, travelling
- Drive axles, front and rear

Group 60, Steering system

- Steering cylinders
- Steering pump
- Steering valves

Group 70, Frame

- Variable track cylinder

Group 90, Hydraulic system and special functions

- Valves, main hydraulics
- Main hydraulic pump
- Servo valves
- Solenoid valves
- Hydraulic cylinders

Backhoe loaders (Compact)

Group 20, Engine

- Engine including :
 - Injection pump
 - Turbocharger
- Coolant pump
- Oil cooler
- Tier IV coverage:
 - Exhaust brake, exhaust pressure governor
 - Crankcase ventilation
 - Emission after-treatment
 - EGR

Group 30, Electrical system

- Alternator
- Starter motor
- Control units, VECU etc
- Circuit board
- Display unit

Group 40, Power transmission

- Torque converter, including pump
- Hydraulic transmission, including:
 - control valve and solenoid valves
- Propeller shafts, including bearings and mounting
- Drive axles, front and rear

Group 50, Brakes

- Servo-brake
- Parking brake
- Group 60, steering system
- Steering cylinders
- Steering pump
- Steering valves
- Group 90, Hydraulic system and special functions
- Valves, main hydraulics
- Main hydraulic pump
- Servo valves
- Servo pump
- Solenoid valves
- Hydraulic cylinders

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.



VOLVO

Volvo Construction Equipment
www.volvoce.com



Volvo Approved Used Equipment comes with a Volvo Warranty

Are you in the market for used equipment?

The Volvo Used Equipment Network exists to help you to find the right used machine, of the right quality, for your requirements – and always with the high level of service you would expect from an authorised Volvo dealer.

Volvo is the partner you can trust to help you to select the best used equipment for your needs. We also offer a bespoke refurbishment service.

From the machines that we have, we select those Volvo machines that qualify to undergo an inspection and refurbishment process that will result in them becoming **Volvo Approved Used Equipment**.

These carefully selected machines are meticulously inspected by Volvo Service Technicians and then subjected to rigorous testing. Every machine that passes becomes **Volvo Approved Used Equipment** certified.

How stringent are these tests? Well, we asked ourselves what we would look for in a quality used machine – and we began there.

That's why buying Volvo Approved Used Equipment is probably as close to buying a brand new Volvo machine as you can get.

And what's more, Volvo Approved Used Equipment comes with a **Volvo Warranty – our guarantee of quality**.

Volvo Approved Used warranty coverage

GPPE Certified Warranted

- Major components plus drive line, 1 year or 1 500 machine hours (whichever comes first).

Compact and Road Machinery Certified Warranted

- Major components plus drive line, 1 year or 1 000 machine hours (whichever comes first).

To find out more about Volvo Approved Used Equipment, please visit your local Volvo dealer or go on-line at www.volvoce.com/used



GPPE Certified Warranted: components covered by warranty

Note: warranty covers reimbursement for parts only, labour not included.

Articulated haulers (GPPE)

Group 20, Engine
Engine including: <ul style="list-style-type: none"> - Injection pump - Turbocharger - Engine ECU Hydraulic pump, cooling system Hydraulic motor, cooling system Thermostat, cooling fan Tier IV coverage: <ul style="list-style-type: none"> - Exhaust brake, exhaust pressure governor - Crankcase ventilation - Emission after-treatment - EGR

Group 30, Electrical system
Alternator Starter motor Control units, ECU etc Circuit board Display unit

Group 40, Power transmission
Transmission Transmission ECU Drop box Propeller shafts Countershaft Drive axles Pump drive

Group 50, Brakes
Brake valves Brake pumps Brake cooling pump Brakes, excluding normal wear Parking brake Air compressor

Group 60, Steering system
Steering gear (rack and pinion) Steering cylinder Steering pump (engine driven) Steering valves Steering pump (road dependent)

Group 70, Frame
Axle rubber suspension front Bogie beam including bearings

Group 90, Hydraulic systems and special functions
Tipping valve Hydraulic pumps Tipping cylinders

Wheeled loaders (GPPE)

Group 20, Engine
Engine including: <ul style="list-style-type: none"> - Injection pump - Turbocharger Hydraulic pump, cooling system Hydraulic motor, cooling system Thermostat, cooling fan Tier IV coverage: <ul style="list-style-type: none"> - Exhaust brake, exhaust pressure governor - Crankcase ventilation - Emission after-treatment - EGR

Group 30, Electrical system
Alternator Starter motor Control units, ECU etc Circuit board Display unit

Group 40, Power transmission
Torque converter, including the pump Hydraulic transmission, including the pump, control valve and solenoid valves Drop box Hydraulic pump, travelling Hydraulic motor, travelling Propeller shaft, bearings and mounting Drive axles, front and rear, including the cooling pump

Group 50, Brakes
Brake valves Brake pump Brake cooling pump Brakes, excluding normal wear Parking brake

Group 60, Steering system
Steering cylinders Steering pump Steering valves

Group 70, Frame
Rear axle mounting

Group 90, Hydraulic systems and special functions
Valves, main hydraulics Main hydraulic pump Servo valves Servo pump Solenoid valves Hydraulic cylinders

Excavators EC/EW (GPPE)

Group 20, Engine
Engine including: <ul style="list-style-type: none"> - Injection pump - Turbocharger - Engine ECU - Thermostat, cooling fan Tier IV coverage: <ul style="list-style-type: none"> - Exhaust brake, exhaust pressure governor - Crankcase ventilation - Emission after-treatment - EGR

Group 30, Electrical system
Alternator Starter motor Control units, ECU Circuit board Display unit Electrical centre passage (EW only)

Group 40, Power transmission
Swing and Track motor reduction (EC only) Travel gearbox (EW only) Hydraulic motor, slewing Hydraulic motor, travelling Drive axles, front and rear (EW only) Swing gear (slewing ring gear)

Group 50, Brakes
Brake valves (EW only) Brake pumps (EW only)

Group 60, Steering system
Steering valve (EW only)

Group 70, Frame
Superstructure (upper frame) Undercarriage (lower frame)

Group 90, Hydraulic systems and special functions
Control pressure valve (RCV) Hydraulic pumps Boom, dipper and bucket cylinders Adjustable boom cylinder Hydraulic motor, cooling system Hydraulic pump, cooling system Outrigger cylinder (EW only) Dozer blade cylinder (EW only) Boom and dipper arm Hydraulic centre passage (turning joint) Valve main hydraulics (main control valve)

Grader G900 models (GPPE)

Group 20, Engine
Engine including <ul style="list-style-type: none"> - Injection pump - Turbocharger Radiator Fan (excluding belts) Tier IV coverage: <ul style="list-style-type: none"> - Exhaust brake, exhaust pressure governor - Crankcase ventilation - Emission after-treatment - EGR

Group 30, Electrical system
Alternator Starter motor Control units, (floats, E-ECU, I-ECU) Transmission controller (T-ECU, AWD-ECU) Transmission shifter Transmission display unit Hydraulic control switches and senders AWD switches, senders and control module

Group 40, Power transmission
Transmission Drive shafts (upper and lower) Transmission hydraulic pump Engine clutch assembly (excluding friction and separator plates) Clutch slave cylinder Clutch booster Clutch master cylinder Final drive and differential Tandem chains (excluding normal bushing wear) AWD pumps AWD wheel motors AWD valves AWD pump drive gear box AWD valves, filter head AWD planetary gear reductions

Group 50, Brakes
Brake booster Brake master cylinder Brakes unit (excluding friction and separator plates) Parking brake (excluding friction pads)

Group 60, Steering system
Steering axle Steering cylinders Steering orbital valve Steering priority valve

Group 90, Hydraulics
Hydraulic pump Hydraulic pump driveshaft Hydraulic coolers Hydraulic valves Hydraulic manifolds Hydraulic cylinders Hydraulic accumulators Hydraulic filter head

Pipelayers (GPPE)

Group 20, Engine
Engine including: <ul style="list-style-type: none"> - Injection pump - Turbocharger - Engine ECU - Thermostat, cooling fan Tier IV coverage: <ul style="list-style-type: none"> - Exhaust brake, exhaust pressure governor - Crankcase ventilation - Emission after-treatment - EGR

Group 30, Electrical system
Alternator Starter motor Control units, ECU Circuit board Display unit Load management system (LMS)

Group 40, Power transmission
Swing and Track motor reduction Hydraulic motor, slewing Hydraulic motor, travelling Swing gear (slewing ring gear)

Group 70, Frame
Superstructure (upper frame) Undercarriage (lower frame)

Group 90, Hydraulic systems, special functions and other
Control pressure valve (RCV) Hydraulic pumps Boom cylinder * Adjustable boom cylinder * Dipper cylinder * Bucket cylinder * Hydraulic motor, cooling system Hydraulic pump, cooling system Hydraulic motor, winch Winch

Group 90, Hydraulic systems, special functions & other
Adaptor Load block and hook Flag block Pipelayer boom cylinder Boom * Dipper arm * Hydraulic centre passage (turning joint) Valve main hydraulics (main control valve)

* Components marked with a red asterisk are only covered if delivered with the pipelayer.

Pavers and compactors (RM)

Group 20, Engine*
Engine complete Cylinder head Cylinder block, crankcase ventilation Cylinder liner and piston Valve mechanism Engine timing gear, cam shaft Crank mechanism, connecting rod, vibration damper Sump, dipstick, gasket Engine mounting Tier IV coverage: <ul style="list-style-type: none"> - Exhaust brake, exhaust pressure governor - Crankcase ventilation - Emissions after-treatment - EGR Lubrication oil system Oil filter housing Oil cooler Fuel Pump Fuel filter housing Fuel injection pump/unit injector Unit injector/injector Inlet manifold/exhaust manifold Turbo charger Radiator, heat exchanger Waterpump and thermostat housing Fan, fan shroud and couplings, fan drive

Group 30, Electrical System
Alternator inclusive drive Starter motor with assembly parts Automatic monitoring for multiple functions, control units

Group 40, Power Transmission
Torque converter Transmission Oil cooling system Hydraulic Drive Pump Tandem Drive Gearbox, for example distributing gearbox

Group 60, Steering system
Steering cylinder Steering pump Control Valve

Group 90, Hydraulic system, special functions & other
Valves, main hydraulics, Motor hydraulic equipment Pump hydraulic equipment Valve hydraulic equipment Cylinders

Group 90, Hydraulic system, special functions & other
Valves, main hydraulics, Motor hydraulic equipment Pump hydraulic equipment Valve hydraulic equipment Cylinders

* Note: only Volvo branded engines are covered by the VAU Warranty.