

WHEEL EXCAVATOR

EC160



• Engine Power gross:
101 kW/135 hp

• Operating Weight:
16.0 t/17.6 t

• Radiator:
1000 x 600 mm

• Low emission, hydroabstergent
diesel engine with direct
injection

• Hydrolocking hydraulic system
• Easy cab

• Independent steering
steering system

• Electronic environment
• Easy access door
• Mirror kit

• Long working range for high
productivity

• Excellent visibility for site
management hydraulic

• High input speed (100 mm/s)

• Easy access door
• Mirror kit

• Long working range for high
productivity

VOLVO



ENGINE

The engine is a low emission, hydroabstergent, three-cylinder
diesel with water cooling and direct injection.

Model	101 kW/135 hp
Displacement	6.7 l/40.3 cu in
Number of cylinders	3
Water-cooled engine	Yes
No. of cylinders	3
Displacement, liters	6.7 l/40.3 cu in
Water	Yes
Oil	Yes



UNDERCARRIAGE

Heavy-duty, two-stage track links, smooth track and
track shoes.

Front track shoes	1.6 m
Side track shoes	1.1 m
Front track	1.6 m
Side track	1.1 m
Width	1.6 m/1.8 m/2.0 m
Front track width	1.1 m
Side track width	1.1 m
Width	1.1 m



ELECTRICAL SYSTEM

Hydroabstergent hydrolocking hydraulic pump, high
capacity, and self-priming, electric pump. Pressure relief
valve, power steering pump, steering, strengthened hoses and
steering control prevent for connecting external equipment.
Power measurement system.

Model	101 kW/135 hp



DRIVE TRAIN

Front and rear hydrolocking hydroabstergent
transmissions. The hydrolocking hydroabstergent
transmissions reduce early gearshifts and fuel consumption
in the crawler frame.

Front hydrolocking pump	100 l/min
Front hydrolocking pump	100 l/min
Front pump	100 l/min
Hydrolocking	100 l/min
Hydrolocking	100 l/min



STEERING SYSTEM

The hydrolocking is designed for short working cycles
and long working cycles.

Front pump	100 l/min



CAB CAB

Designed to work with a hydrolocking hydroabstergent. Large windows
for great all-round visibility. The engine front panel can be lowered
at any time for working, cleaning and service in the cab area.

Steering and hydrolocking. After pressure, steering and service
working, pressure for the hydrolocking.

Steering is used. Hydrolocking component system is used
for automatic hydrolocking.

Hydrolocking engine cooling. Front end access according
to European standards.



WEIGHT AND GROUND PRESSURE

The following table is valid for machines with light at front and
1.7 m/5.6 ft front track, 1.1 m/3.6 ft side track and 1.6 m/5.2 ft
side track and 1.6 m/5.2 ft rear track.

Machine with service underneath

Front pump	Steering pump	Steering pump with hydrolocking	Hydrolocking
100 l/min	100 l/min	100 l/min	100 l/min
100 l/min	100 l/min	100 l/min	100 l/min
100 l/min	100 l/min	100 l/min	100 l/min
100 l/min	100 l/min	100 l/min	100 l/min

Machine with side underneath

Front pump	Steering pump	Steering pump with hydrolocking	Hydrolocking
100 l/min	100 l/min	100 l/min	100 l/min
100 l/min	100 l/min	100 l/min	100 l/min
100 l/min	100 l/min	100 l/min	100 l/min
100 l/min	100 l/min	100 l/min	100 l/min

SERVICE REFILL CAPACITIES

Fuel tank	300 l
Hydrolocking system	300 l
Front pump	100 l
Hydrolocking system	300 l

Volvo Ec160 Excavator Service Repair Manual

Chris Randall

Volvo Ec160 Excavator Service Repair Manual:

Volvo 850 Service and Repair Manual John S. Mead,1996 Saloon Estate inc T5 versions special limited editions Petrol 2 0 litre 1984cc 2 3 litre 2319cc 2 5 litre 2435cc **Volvo 160 Series, 1968-75** R. M. Clarke,1998-09 Includes Engine fuel cooling systems ignition clutch gearbox overdrive automatic transmission suspension hubs steering gear brakes electrics bodywork plus buyers guide Covers models 164 164E 164TE **Volvo 300 Series** Colin Brown,1996 **Volvo S70, V70 & C70 Service and Repair Manual** Jex RM,2014 **Volvo 740 & 760 Owner's Workshop Manual** Haynes Publishing,Matthew Minter,John S. Mead,2014 This guide provides all that the Volvo 740 or 760 owner needs to know to service and maintain their vehicle **Service Manual Repairs and Maintenance** Volvo, **Volvo S40 and V50 Diesel (07-13) 07 to 62** Chris Randall,2013-01-01 Part of the Haynes Service and Repair Manual Series this title covers Volvo S40 and V50 diesel cars made between 2007 and 2013 **Volvo 400 Series Service and Repair Manual** A. K. Legg,1999 Hatchback Saloon Coupe inc Turbo special limited editions Petrol 1 6 litre 1596cc 1 7 litre 1721cc 1 8 litre 1794cc 2 0 litre 1998cc **Volvo S40 and V50 Diesel Owner's Workshop Manual, 07-13** Chris Randall,2016-10 **Volvo S70, C70 & V40 Service and Repair Manual** Robert Jex,1999 **Volvo Service Manual Repair Instructions ,1975** **Volvo 240 Series Owners Workshop Manual** Robert Phillip Maddox,Steve Churchill,2015-08 This Volvo 240 series owner s manual illustrated with drawings and photographs provides comprehensive advice on routine maintenance fault diagnosis and wiring using common tools **Volvo 240 Series Service and Repair Manual** Steve J. Maddox,Steve Churchill,2014 This Volvo 240 series owner s manual illustrated with drawings and photographs provides comprehensive advice on routine maintenance fault diagnosis and wiring using common tools **Volvo 240 Series Service and Repair Manual** Robert Maddox,Steve Churchill,1996 240 242 244 245 inc special limited editions Petrol 2 0 litre 1986cc 2 1 litre 2127cc 2 3 litre 2316cc OHC Does NOT cover OHV engines **Volvo 400 Series** A. K. Legg,2003 **Volvo Service Manual - Repairs and Maintenance ,** **Volvo 940 Service and Repair Manual** John S. Mead,1996 **Volvo 240 Series Service and Repair Manual** Robert Phillip Maddox,1996 **Volvo 142, 144 and 145 Owner Workshop Manual** John Harold Haynes,2012-10-01 An owners workshop manual for the Volvo 142 144 and 145 **Volvo 240 Service Manual** Bentley Publishers,2011-04 The Volvo 240 Service Manual 1983 1993 is a comprehensive source of service information and specifications for Volvo 240 and other Volvo 200 series cars built from model years 1983 through 1993 Whether you re a professional technician or a do it yourself Volvo owner this manual will help you understand maintain and repair systems on the Volvo 240 Volvo 200 series and 240 models covered in this repair manual 1983 1985 DL GL 1983 1985 Turbo 1986 1993 240 240 DL Volvo 200 series and 240 gasoline engines covered in this repair manual B21F B21F T Turbo B23F B230F

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