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Basic Service
Including Lubrication and Oil Change
Checklist

Basic Service Including Lubrication and Oil Change Checklist

The following information provides the Basic Service Checklist for Volvo vehicles. For further information concerning the Basic Service, Including Lubrication & Oil Change Checklist refer to "Preventive Maintenance, Basic Service, VN, VHD" Service Manual, 177-500, Publication Number PV776-TSP151476, Publication Date 06.2001.

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Note: This is the original version of this document. This checklist can be updated without notice.

Basic Service Including Lubrication and Oil Change

Date:	Model:	Reg. No.:
Time:	Vehicle Identification Number:	Engine:
	Dealer Code:	Transmission
	Name:	Rear Axle:

X = Corrected without comment

√ = Correction not needed

N = Not relevant or applicable

	Lubrication, Oil and Fluid Level Check	
1	Chassis Lubrication	
2	Cab Lubrication	
3	Change Engine Oil and Filters	
4	Check Oil Level in Manual Transmission	
5	Check Oil Level in Automatic Transmission	
6	Check Oil Level in PTO (Power Take-Off)	
7	Check Oil Level in Retarder	
8	Check Oil Level in Transfer Case	
9	Check Oil Level in Front Drive Axle	
10	Check Oil Level in Rear Drive Axle	
11	Check Oil Level in Hydraulic Axle Lift	
12	Check Oil Level in Power Steering	
13	Check Oil Level in Hubs for Oil Lubricated Wheel Bearings	
14	Check Oil Level in Cab Tilt Pump (If equipped)	
15	Check Fluid Level in Clutch Fluid Reservoir	
16	Check Coolant Freeze Protection and Coolant Level (Check SCA Level)	
17	Check Fluid Levels in Windshield Wiper and Headlamp Wiper Reservoirs	
18	Check Air Dryer	

	Cab Checks	
21	Check for Fault Codes in the Engine Electronic Control Unit	
22	Check for Fault Codes in the ABS, anti-lock brakes	
23	Check for Fault Codes in Transmission	
24	Function Check of Parking Heater	
25	Check Retarder Control	
26	Check Sealing on Main Brake Circuit (Service)	
27	Check Gear Shift and Clutch Pedal	

	External Checks	
28	Function Check of External Lamps	
29	Check Mirrors and Reflectors	
30	Function Check of Wipers and Washers	
31	Check Battery Mounting, Connections and Fluid Levels	
32	Check Fuel Tank, Hoses, Pipes, and Mounting Straps	
33	Check Fuel Tank Ventilation Filter	
34	Check Water Separator for Fuel System	
35	Check Tire Wear	

	Cab Checks	
19	Check Warning and Control Lamps	
20	Check for Fault Codes in the Vehicle Electronic Control Unit	

Engine Compartment Checks	
36	Check Alternator Mounting and Electrical Connections
37	Check Drive Belts
38	Check Radiator Fan, Fan Shroud and Fan Ring with Rubber Seal
39	Check Radiator, Hoses and Pipes
40	Check Engine and Engine Driven Power Take-Off for Leaks
41	Check Fuel Pipes and Lines
42	Check for Exhaust Leakage
43	Check Intercooler Pipes and Hoses
44	Check A/C Compressor Mounting
45	Check A/C Hoses, Fittings, Switches, and Wires

Front Suspension, Steering System Checks	
46	Check Gaiters/Plastic Covers and clearance for Ball Joints
47	Check Servo Pump and Steering Gear
48	Check Steering Shaft Joint, Hoses and Pipes for Power Steering

Checks Beneath the Vehicle	
49	Check Sealing on Front and Drive Axle
50	Check Slack in Mechanical Linkage for Clutch
51	Check Gearbox, Transfer Case, and Power Take-Off for Leakage

Checks Beneath the Vehicle	
52	Check the Oil Cooler and Transmission for Leakage
53	Check Retarder for Leakage
54	Check Drive Shaft, Universal Joints, Sliding Joints and Support Bearings
55	Check Sealing of Rear Axle and Hub Reduction Gear
56	Check Bearing Clearance in Pinion and Rear Axle Input Shaft
57	Check Exhaust Pipe, Silencer, or Particulate Filter
58	Check Springs and U-Bolts
59	Check Central Lubrication System
60	Check Suspension and Air Springs
61	Check Rear Wheel Bearing Clearance
62	Check Front Wheel Bearing Clearance
63	Check Brake Linings
64	Check Brake Cylinders, Levers and Forks
65	Check Brake Disc and Calipers
66	Check Braker Levers, Slack Adjusters, and Brake Drums

Test Driving	
67	Check After Start
68	Check During Test Driving
69	Check After Test Driving
70	Finish

Note: The values seen from cab and backwards are noted in the squares below										
Brake Linings - measured thickness in mm (in.)	Right									
	Left									
Braker Lever, Slack Adjuster, Brake Drums - measured stroke in mm (in.)	Right									
	Left									
Notes on wear pattern on tires	Right									
	Left									

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Comments