



Document Title: <b>Volvo standard tightening torques</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Volvo standard tightening torques

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

The tightening torques in the following tables apply to bolts and nuts with tensile strength. The tables should be used as a general instruction for tightening bolts and nuts without specified values. The charts contains values for course thread bolts and nuts.

Torque values should be increased with  $\approx 10\%$ , for flange bolts.

All standard torques for bolts are without surface treatment.

The standard torque for bolts lubricated with oil should be reduced with 20% of the given value.

### Standard tightening torque charts

Bolt size Metric Coarse Threads	Tensile strength 8.8		Tensile strength 10.9	
	(Nm)	(lbf ft)	(Nm)	(lbf ft)
M5	6	4	8	6
M6	10	7	14	11
M8	25	18	35	26
M10	50	37	70	52
M12	87	64	122	90
M14	139	103	195	144
M16	213	157	299	220
M18	293	216	413	305
M20	416	307	585	432
M24	719	530	1010	745
M27	1060	782	1490	1100
M30	1140	840	2025	1493
M36	2500	1844	3600	2653

Bolt size Inch SAE Coarse Threads	Tensile strength 5		Tensile strength 8	
	(lbf ft)	(Nm)	(lbf ft)	(Nm)
1/4	10	13,6	14	19
5/16	21	28,5	29	39,3
3/8	37	50,2	52	70
7/16	59	80	84	114
1/2	90	122	128	174
9/16	130	176	184	250
5/8	200	271	284	388
3/4	270	365	384	520
7/8	350	474	500	670
1	440	594	624	840
1 1/8	540	729	768	1040
1 1/4	650	879	928	1260
1 3/8	770	1044	1104	1480
1 1/2	900	1218	1280	1730
1 5/8	1040	1412	1488	2000
1 3/4	1190	1617	1704	2280
2	1360	1842	1936	2620
2 1/4	1560	2112	2224	3000
2 3/4	1780	2406	2544	3440
3	2020	2727	2896	3940

Product: L60F Volvo Wheel Loaders Service Manual

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3/4	320	434	451	612
7/8	515	700	728	988
1	775	1052	1091	1480
1 1/8	953	1290	1545	2100
1 1/4	1344	1823	2180	2960
1 3/8	1600	2170	2650	3600
1 1/2	2000	2714	3200	4340

Sample manual. Download All 2071 pages at:

<https://www.arepairmanual.com/downloads/l60f-volvo-wheel-loaders-service-manual/>

Document Title: <b>Lubrication specifications</b>	Function Group: <b>system, 030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Lubrication system, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Lubrication system	
Oil pressure maximum warm engine, high idling speed	450–500 kPa (4.5–5 bar) (65–72 psi)
Min. oil pressure, hot engine, low idling speed	60 kPa (0.6 bar) (8.7 psi)

Document Title: <b>Fuel system, tightening torques</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Fuel system, tightening torques

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

### NOTICE

Regarding bolted joints which are not listed here, see "Volvo standard tightening torques"

Fuel rail, attaching bolts	30 Nm (22 lbf ft)
Electrical cables, attaching bolts	1.4 ±0.1 Nm (1.03 lbf ft)
Fuel delivery line (between fuel rail and injector)	25 Nm (18.4 lbf ft)
Injector, yoke	
Step 1:	5 Nm (3.7 lbf ft)
Step 2:	120° ±5 °
Fuel control valve (FCV)	30 Nm (22 lbf ft)
Return line to control valve	39 Nm (28.8 lbf ft)
Fuel feed filter, attaching bolts	30 Nm (22 lbf ft)
Feed line to control valve (from fuel filter)	49 Nm (39.1 lbf ft)
Feed pipe (on control valve)	34 Nm (25.1 lbf ft)
High-pressure pump, attaching bolts	
Step 1:	10 Nm (7.4 lbf ft)
Step 2:	50 Nm (36.9 lbf ft)
Safety valve (PRV), fuel rail	100 Nm (73.8 lbf ft)
High-pressure sensor, fuel rail	70 Nm (51.6 lbf ft)

Document Title: <b>Thermostat, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Thermostat, specifications

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

<b>Cooling system</b>	
Thermostat starts to open at	83 °C (181.4 °F)
Thermostat fully open at	95 °C (203 °F)

Document Title: <b>Engine, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Engine, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

### General

Number of cylinders	6
Cylinder bore	98 mm (3.86 in)
Stroke	126 mm (4.96 in)
Displacement	5.70 litres (1.51 US gal)
Injection order	1-5-3-6-2-4
Low idle	700 ±50 rpm
High idle (run out speed)	
L60F	2370 ±25 rpm
L70F	2360 ±25 rpm
L90F	2360 ±25 rpm
Weight, engine	600 kg (1323 lbs)

### Stall speed torque converter<sup>(1)</sup>

<b>L60F</b> <sup>(2)</sup>	
HTE110C (22717)	2090–2200 rpm
HTE110 (22560)	2090–2200 rpm
<b>L70F</b> <sup>(2)</sup>	
HTE120C (22719)	2080–2200 rpm
HTE120B (22701)	2080–2200 rpm
HTE120 (22561)	2080–2200 rpm
<b>L90F</b> <sup>(2)</sup>	
HTE125 (22562)	2030–2170 rpm

(1) Shall be performed on gear 2, APS-mode service (manual), and without using the hydraulics.

(2) The transmission part number can be found in the machine card in PROSIS.

Document Title: <b>Valve mechanism, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Valve system specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Valve mechanism	
Valve arrangement	Top valves with IEGR-rocker arm
Inlet valves	To zero clearance, then 75° counter-clockwise
Exhaust valves	To zero clearance, then 120° counter-clockwise

IEGR-unit	
Adjusting screw	To zero clearance, then 144° counter-clockwise

Document Title: <b>Engine, capacities</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Engine, capacities

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

### **NOTICE**

**Stated capacity applies when changing, unless otherwise stated.**

Engine	
Engine oil, total	21 litres (5.6 US gal)
Engine oil when changing, incl. filter	20 litres (5.3 US gal)

Document Title: <b>Fuel system, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Fuel system, specifications

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

<b>Injectors</b>	
Type	Multi-hole nozzle (6 holes)
Opening pressure	Variable, controlled through mapping
Order of injection	1-5-3-6-2-4

<b>High-pressure fuel pumps</b>	
Quantity	2
Output pump pressure, low idle	55 ±5 MPa (550 ±50 bar) (7977 ± 725 psi)

<b>Fuel rail, pressure [1]</b>	
Start (starter motor)	31.4 ±3 MPa (314 ±30 bar)
Low idle	41.3 ±3 MPa (413 ±30 bar)
High idle	73.6 ±3 MPa (736 ±30 bar)
Stall speed	100.4 ±3 MPa (1004 ±30 bar)
Pressure relief valve (PRV) open, low idle	70 ±5 MPa (700 ±50 bar)

<b>Fuel control valve's (FCV) output pressure[2]</b>	
Start (starter motor)	0.06 ±0.02 MPa (0.6 ±0.2 bar)
Low idle	0.08 ±0.02 MPa (0.8 ±0.2 bar)
High idle	0.10 ±0.02 MPa (1.0 ±0.2 bar)
Stall speed	0.13 ±0.02 MPa (1.3 ±0.2 bar)
Without control (e.g., in case of open circuit FCV), low idle	0.45 ±0.02 MPa (4.5 ±0.2 bar)

**[1]**Values are a measured average value and shall be used as a guideline value when checking, e.g., the fuel control valve (FCV)

**[2]**Values are a measured average value and shall be used as a guideline value when checking, e.g., the fuel control valve (FCV)

Document Title: <b>Fuel tank, volume</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Fuel tank, volume

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Fuel tank	
Capacity, total	224 l (59.2 US gal)
Volume, usable	219 l (57.9 US gal)

Document Title: <b>Fuel feed pump, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Fuel feed pump, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Fuel feed pump	
Type	Rotor pump
Feed pressure	450–600 kPa (4,5–6,0 bar) (65.3–87.0 psi)

Document Title: <b>Lighting, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Lighting, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Bulbs	Watt	Socket
Headlights, low beams	70	PX 26D (H7)
Headlights, high beams	70	PK 22S (H3)
Parking light, front	4	BA 9s
Parking light, rear	10	BA 15s
Tail lights	10	BA 15s
Brake lights	21	BA 15s
Direction indicators, rear	21	BA 15s
Direction indicators, side	21	BA 15s
Running lights	—	—
Cab light	10	BA 15s
Switches with guide lights	1.2	W 2x 4.6 d
Work lights, front halogen	70	PK 22 s (H3)
Working lights, rear halogen	70	PK 22 s (H3)

Document Title: <b>Thermostat, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Thermostat, specifications

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

<b>Cooling system</b>	
Thermostat starts to open at	83 °C (181.4 °F)
Thermostat fully open at	95 °C (203 °F)

Document Title: <b>Cooling system, volume</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Cooling system, capacity

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

Coolant, when changing, incl. filter	30 l (7.9 US gal)
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Document Title: <b>Temperature limits for cooling fan speed, specifications.</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Temperature limits for cooling fan speed, specifications.

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Signals from the different sensors vary linearly between 0.0 and 1.0 depending on the temperature. The cooling fan signal with the highest value controls the requested cooling fan speed. If the engine speed is below 800 rpm, the value for the charge air will be 0 = 45 °C (113 °F)

System	Temperature interval
Coolant flowing out of the radiator	70–80 °C (158–176 °F)
Hydraulic system when the thermostat has opened, see <a href="#">Thermostat specifications</a>	70–95 °C (158–203 °F)
Axles front and rear when the engine thermostat has opened, see <a href="#">Thermostat specifications</a>	90–133 °C (194–271.4 °F)
Transmission	90–105 °C (194–221 °F)
Engine	85–95 °C (185–203 °F)
Charge air when induction air temperature is 25 °C (77 °F) or lower	45–60 °C (113–140 °F)
Charge air when induction air temperature is above 25 °C (77 °F)	Induction air temperature = T T+20 °C to T+35 °C (T+68 °F to T+95 °F)

Document Title: <b>Cooling fan rpm, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Cooling fan rpm, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

The VCADS Pro parameter GDR is used for setting the maximum cooling fan speed by selecting sound reduction level (A, B or C), depending on the requirements for cooling of engine, charge air, timing gears and hydraulic oil.

Cooling fan	
Basic speed	400 rpm
Speed at pressure test	1700 rpm

GDR	Max. fan speed at high idling	Description
A	1200 rpm	Low sound level
B	1400 rpm	Standard cooling
C	1800 rpm	Maximal cooling

Document Title: <b>Engine, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Engine, tightening torques

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

### NOTICE

Regarding bolted joints which are not listed here, see “Volvo standard tightening torques”

Engine mounting	
Engine member – Frame	160 Nm (118 lbf ft) +60°
Flywheel housing – Hydraulic transmission	60 Nm (44 lbf ft)
Front engine mount, rubber pads – engine member	85 Nm (63 lbf ft)
Front engine mount, rubber pads – engine mount	85 Nm (63 lbf ft)
Front engine mount, rubber pads – engine block	275 Nm (202 lbf ft)
Engine	
Valve cover	13 Nm (9.6 lbf ft)
IEGR-unit	30 Nm (22 lbf ft)
Lock nut, valve adjusting screw	20 ±2 Nm (14.8 ±1.5 lbf ft)
Lock nut, adjusting screw on IEGR-unit	20 Nm (14.8 lbf ft)
Belt pulley: step 1	40 Nm (33 lbf ft)
Belt pulley: step 2, angle tightening	60°
Belt pulley: step 3, angle tightening	60°
Vibration damper	70 Nm (52 lbf ft)
Connector ED, centre bolt	3.5 ±0.5 Nm (2.6 ±0.4 lbf ft)
Speed (rpm) sensor crankshaft, holder	9 Nm (6.6 lbf ft)

Document Title: <b>Turbocharger, tightening torques</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Turbocharger, tightening torques

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Stud bolt	40 ±4 Nm (30 ±3 lbf ft)
Nut	10 ±1 Nm (7.4 ±0.7 lbf ft)
Oil pressure pipe, attaching bolts	39 Nm (29 lbf ft)
Return pipe, attaching bolts	20 Nm (15 lbf ft)

Document Title: <b>Battery, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Battery, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Battery	
Total	2 batteries connected in series
Voltage	12 V
Battery capacity	110 Ah

Charge level	Voltage
Fully charged battery	12.78 V
Charge within 24 hours at	12.54 V
Minimum charge to store machine for 30 days	12.64 V

Document Title: <b>Battery, weight</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Battery, weight

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

<b>Battery</b>	
Weight, incl. electrolyte	21.5 kg (47.4 lb)

Document Title: <b>Electrical specifications</b>	Function Group: <b>system, 030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Electrical system, specifications

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

<b>Electrical system</b>	
System voltage	24 V

Document Title: <b>Preheating, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Preheating, specifications

Showing Selected Profile

<b>Valid for serial numbers</b>			
<b>Model</b>	<b>Production site</b>	<b>Serial number start</b>	<b>Serial number stop</b>
L60F Volvo			

<b>Preheating coil</b>	
Output	4 kW

Document Title: <b>Alternator 80 A, specification</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Alternator 80 A, specification

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Alternator, 80 amp with regulator	
Type	Alternating current
Output (rated output)	2280 W
Voltage, at +20 °C (68 °F)	28.3 ± 0.3 V
Current, maximum	80 A
Resistance across rotor winding	8.0 ± 0.4 Ω
Resistance in stator winding	0.1 Ω

Document Title: <b>Starter specifications</b>	<b>motor,</b> Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Starter motor, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Starter motor	
Output	5.5 kW

Document Title: <b>Front and rear axles, tightening torque</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

[Go back to Index Page](#)

## Front axle, tightening torque

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

### NOTE!

For bolted joints not indicated here, see Volvo standard tightening torques.

Tightening torques are indicated in **Nm and (lbf ft)**.

	<b>AWB15 (L60F)</b>	<b>AWB25 (L70F, L90F)</b>
Cover hub reduction	310 ±20 (288 ±14)	310 ±20 (288 ±14)
Shift fork	19 ±11 (14 ±8.1)	-
Shaft for shift fork	27 ±3 (19.9 ±2.2)	-
Crown wheel	132.5 ±12.5 (97.7 ±9.2)	205 ±15 (151 ±11)
Pinion nut	500 ±20 (369 ±14)	1300 ±100 (959 ±74)
Hub retainer	310 ±20 (288 ±14)	310 ±20 (288 ±14)
Rolling resistance of new bearings:	Noted value at bearing contact (take-up) plus 24 ±3 Nm (18 ±2 lbf ft)	Noted value at bearing contact (take-up) plus 24 ±3 Nm (18 ±2 lbf ft)
Rolling resistance, run-in bearings	Noted value at bearing contact (take-up) plus 6 ±1 Nm (4 ±1 lbf ft)	Noted value at bearing contact (take-up) plus 6 ±1 Nm (4 ±1 lbf ft)
Hub nut	2250 ±250 (1660 ±184)	3000 ±500 (2212 ±369)
Hub cover	45 ±5 (33 ±3.5)	45 ±5 (33 ±3.5)
Differential lock switch	-	27 ±3 (20 ±2)
Differential lock: Stop bolt	30 ±3 (22 ±2.2)	-
Cover	27 ±3 (20 ±2.2)	-
Impeller	12 ±2 (8.9 ±1.4)	12 ±2 (8.9 ±1.4)
Lock nut for adjusting brake clearance	67.5 ±17.5 (49.8 ±12.9)	90 ±10 (66 ±7)
Temperature sensor	-	40 ±10 (29.5 ±7)
Drain plugs and filler plugs	80 ±10 (59 ±7)	-
Plug for suction line, external cooling	-	80 ±10 (59 ±7)
Plugs for external cooling	-	50 ±10 (37 ±7)
Plugs for brake connection and diff. lock connection	-	25 ±5 (18 ±3.5)
Brake wear indicator: Nipple	45 ±5 (33 ±3.5)	45 ±5 (33 ±3.5)
Cover	25 ±5 (18 ±3.5)	25 ±5 (18 ±3.5)
Bleeder nipple	30 ±5 (22 ±3.5)	30 ±5 (22 ±3.5)

Bushing for diff. lock	-	112.5 ±37.5 (83 ±27)
Breather valve, brakes	25 ±5 (18 ±3.5)	25 ±5 (18 ±3.5)
Brake adjusting bolt, nut	67.5 ±17.5 (49.8 ±12.9)	-
Front axle, attaching bolts	600 ±50 (440 ±35)	1100 ±100 (810 ±75)

Document Title: <b>Front and rear axles, tightening torque</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

[Go back to Index Page](#)

## Rear axle, tightening torque

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

### NOTE!

For bolted joints not indicated here, see Volvo standard tightening torques.

Tightening torques are indicated in Nm and (lbf ft).

	AWB15 (L60F)	AWB20 (70F, L90F)
Casing halves	310 ±20 (288 ±14)	310 ±20 (288 ±14)
Shift fork	19 ±11 (14 ±8.1)	-
Crown wheel	132.5 ±12.5 (97.7 ±9.2)	132.5 ±12.5 (97.7 ±9.2)
Pinion nut	500 ±20 (369 ±14)	1300 ±100 (959 ±74)
Hub retainer	310 ±20 (288 ±14)	310 ±20 (288 ±14)
Rolling resistance of new bearings:	Noted value at bearing contact (take-up) plus 24 ±3 Nm (18 ±2 lbf ft)	Noted value at bearing contact (take-up) plus 24 ±3 Nm (18 ±2 lbf ft)
Rolling resistance, run-in bearings	Noted value at bearing contact (take-up) plus 6 ±1 Nm (4 ±1 lbf ft)	Noted value at bearing contact (take-up) plus 6 ±1 Nm (4 ±1 lbf ft)
Hub nuts	2250 ±250 (1660 ±184)	2250 ±250 (1660 ±184)
Hub cover	45 ±5 (33 ±3.5)	45 ±5 (33 ±3.5)
Differential lock: Stop bolt	30 ±3 (22 ±2.2)	-
Cover	27 ±3 (20 ±2.2)	-
Impeller	12 ±2 (8.9 ±1.4)	12 ±2 (8.9 ±1.4)
Lock nut for adjusting brake clearance	-	67.5 ±17.5 (49.8 ±12.9)
Temperature sensor	-	40 ±10 (29.5 ±7)
Drain plugs and filler plugs	80 ±10 (59 ±7)	-
Plug for suction line, external cooling	-	80 ±10 (59 ±7)
Plug for external cooling	-	50 ±10 (37 ±7)
Plug for brake	-	25 ±5 (18 ±3.5)
Brake wear indicator: Nipple	45 ±5 (33 ±3.5)	45 ±5 (33 ±3.5)
Cover	25 ±5 (18 ±3.5)	25 ±5 (18 ±3.5)
Bleeder nipple	30 ±5 (22 ±3.5)	30 ±5 (22 ±3.5)
Breather valve, brakes	25 ±5 (18 ±3.5)	25 ±5 (18 ±3.5)
Brake adjusting bolt, nut	67.5 ±17.5 (49.8 ±12.9)	-

Document Title: <b>Front and rear axles, specifications</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Front and rear axles, specifications

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

Oil, type	See <a href="#">Recommended lubricants, oils</a>
Oil level: Max. min.	Lower edge of filler hole 5 mm (0.2 inch) below filler hole

Document Title: <b>Front axle, volume</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Front axle, capacity

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

**Note. Given capacity applies when changing unless otherwise indicated.**

Front axle	
Oil capacity, incl hub reduction gears	24.0 dm <sup>3</sup> (6.4 US gal)



Document Title: <b>Rear axle, volume</b>	Function Group: <b>030</b>	Information Type: <b>Service Information</b>	Date: <b>4/16/2026</b>
Profile: <b>L60F Volvo</b>			

## Rear axle, capacity

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
L60F Volvo			

**Note. Given capacity applies when changing unless otherwise indicated.**

Rear axle	
Oil capacity, incl hub reduction gears	24.0 dm <sup>3</sup> (6.4 US gal)