



Bobcat®

Excavator Technical Service Guide

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56/76 EXCAVATOR SPECIFICATIONS

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(11000 - 12000 Series)	56-1
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ENGINE	
Make And Model	Komatsu, 3D72-2B, 3 cyl., 12.8 hp
Low Idle	850 - 950 rpm
High Idle	2150 rpm
Governed Load	2000 rpm
Compression	Minimum 2944 kPa (29 bar) (427 psi) @ 250 rpm
Air Cleaner P/N	6636439
Oil Filter P/N	6636472
Fuel Filter P/N	6633614
Engine Oil Type	Use SAE API Class CE
Viscosity	See Oil Chart, Page L-1A-1
Engine Oil Pressure at 1200 rpm	Minimum 145 kPa (1,4 bar) (21 psi)
Fuel Pump Pressure	48 kPa (0,48 bar) (7 psi)
Injector Working Pressure	15686 kPa (156,86 bar) (2275 psi)
Valve Tappet Clearance (Cold) (Intake And Exhaust)	0,203 mm (0,008 in)
Firing Order	1-2-3
Timing	1° BTDC
Location of Timing Marks	Crankshaft Pulley
Location of #1 Cylinder	Closest to Water Pump
Crankshaft Rotation Viewed from Crankshaft Pulley	Clockwise
Radiator Cap Pressure	90 kPa (0,90) (13 psi)
Radiator Cap P/N	6637921
Thermostat Rating	Begins Openings @ 71°C (160°F) Fully Open @ 85°C (185°F)

ENGINE TORQUES	N•M	FT-LB
Cylinder Head Bolts	58 - 64	43 - 47

HYDRAULIC SYSTEM	
Pump	Gear (2)
Capacity	15,5 L/min (3.4 U.S. gpm) 6.8 Total
Control Valve	8 Spool
Main Relief Valve	17237 kPa (172 bar) (2500 psi)
Swing Motor	Gear

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