

KOMATSU

Genuine Parts

PC220LC-12

excavator



Net horsepower: 173 HP (129 kW) @ 2,000 rpm

Operating weight: 53,352-54,675 lbs.

Serial numbers: 800001 and up

Quick reference parts guide

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Lubrication	Oil type	Refill capacity
Engine	EO15W40-LA	4.76 G/18 L
Swing machinery case	TO30	1.72 G/6.5 L
Final drive case (LH)	TO30	1.08 G/4.1 L
Final drive case (RH)	TO30	1.08 G/4.1 L
Damper case	-	-
Hydraulic system	HO56-HE	31.4 G/119 L
Cooling system	AF-NAC	7.45 G/28.2 L
Fuel tank	Diesel Fuel	-
DEF tank	DEF	10.8 G/41 L

Filtration	Part number	Qty.
500 hour		
Pre-fuel filter	600-319-3610	1
1,000 hour		
Engine oil filter	6736-51-5142	1
Main fuel filter	600-319-3610	1
Hydraulic tank breather	208-60-41260	1
DEF tank breather element	421-60-35170	1
Fuel tank breather element	-	-

Filtration	Part number	Qty.
2,000 hour		
DEF filter	6540-71-2320	1
KCCV filter	-	-
As needed		
Air conditioner RECIRC air filter	2A5-979-1551	1
Air conditioner FRESH air filter	17M-911-3530	1
Engine air filter	2A5-01-35810	1
Other filters		
3,000 hour		
Hydraulic oil filter	421-60-81141	1

General maintenance	Part number	Qty.
Battery		
Battery	08003-C165G	2
Battery relay switch	08088-70000	1
Engine electrical system		
Alternator	600-861-8111	1
Starter	600-863-4270	1
Tier 4		
EGR valve	-	
EGR cooler assembly	-	
DEF injector	6540-71-1120	1
DEF mixing tube	2A5-01-51220	1
SCR assembly	-	
KDPF assembly	6534-01-0200	1
DEF pump	6540-71-2530	1

Hydraulic system	Part number	Qty.
Arm cylinder assembly	707-G1-09530	1
Rod	707-58-10C30	1
Cylinder	707-13-14C10	1
Seal kit	721-98-08360	1
Boom cylinder assembly	707-G1-09050	1
Rod	707-58-90K10	1
Cylinder	707-13-13C30	1
Seal kit	721-98-07610	1
Bucket cylinder assembly	707-G7-01410	1
Rod	707-58-85640	1
Cylinder	707-13-12920	1
Seal kit	721-98-07540	1
Swing circle assembly	2A5-25-50110	1
Swivel joint	703-08-91260	1
Swing motor assembly	706-7G-01290	1
Spacer kit	20Y-27-00141	1

Undercarriage	Part number	Qty.
Track link assembly		
Heavy duty	-	
PLUS	-	
Conventional	20Y-32-00610	1
GC	-	
PLUS Fit	-	
Idler	20Y-30-00643	2
Track roller		
Conventional	20Y-30-00750	18
PLUS	-	
GC	22U-30-07302	18
Carrier roller		
Conventional	20Y-30-00671	4
PLUS	-	
Roller bolts	01010-81680	8
Sprocket		
Conventional	20Y-27-77110	2
PLUS	-	
Recoil spring assembly	2A5-30-00040	2
Shoe bolt kit	20Y-32-05070	8

Operation and comfort	Part number	Qty.
Operator seat	2A5-57-51140	1
Seatbelt	2A5-57-51190	1
Radio	2A5-06-52222	1
Rearview mirror	2A5-54-13421	1
Wiper assembly		
Arm	2A5-06-54440	1
Motor	2A7-06-K1461	1
Ignition key/switch	2A5-06-52811	1
Rubber antenna	20Y-06-41990	1
Komatsu antenna 1 (Komtrax, if available)	8A13-10-1360	1
Komatsu antenna 2 (Komtrax, if available)	-	
Travel/back-up alarm	2A5-06-52770	1
Left horn	08160-72400	1
Right horn	08160-72420	1
Fuel tank cap	22P-04-31670	1
Front window spring assembly		
	-	

Cooling system	Part number	Qty.
Radiator	2A5-03-51101	1
Cap	2A5-03-52751	1
Oil cooler assembly	2A5-03-51201	1
Fuel cooler assembly	-	
Aftercooler assembly	2A5-03-51301	1
Air conditioner assembly	2A5-979-5610	1
Cooling assembly	22P-979-2150	1
Evaporator	ND446010-6740	1
Thermistor	ND077500-5650	1
Condenser	2A5-979-5630	1
Compressor	22P-979-2150	1
Engine water pump assembly		
	6754-61-1312	1
Thermostat assembly	6751-61-6211	1
Cooling fan assembly	2A5-01-25143	1
Motor		
	-	
Belt	6757-81-3310	1
Tensioner	6754-61-4111	1

Lighting	Part number	Qty.
Cab room lamp	427-06-56211	1
Working lamp	2A8-06-11310	1
Rear working lamp	-	
Other lights		
Other lamp	2A8-06-11320	1

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