

KOMATSU

Genuine Parts

D51EX/PX-24 dozer



Net horsepower: 131 HP (98 kW) @ 2,200 rpm

Operating weight: 30,203-31,438 lbs

Serial numbers: 10001 and up, B20001 and up

Quick reference parts guide

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Lubrication	Oil type	Refill capacity
Engine	EO15W40-LA	4.1 G/15.5 L
Final drive case (LH)	TO30	1.45 G/5.5 L
Final drive case (RH)	TO30	1.45 G/5.5 L
Hydraulic system	EO10W30-DH	16.6 G/63 L
Cooling system	AF-NAC	6.61 G/25 L
Fuel tank	Diesel Fuel	-
DEF tank	DEF	-

Filtration	Part number	Qty.
500 hour		
Pre-fuel filter	6754-71-7403	1
Engine oil filter	6736-51-5142	1
1,000 hour		
Hydraulic tank breather	22U-60-21523	1
DEF tank breather element	421-60-35170	1
Fuel tank breather element	22U-60-21520	1
Main fuel filter	600-319-3750	1
Hydraulic oil filter	see other section	
2,000 hour		
DEF filter	6540-71-2320	1
KCCV filter	600-331-2900	1

Filtration	Part number	Qty.
500 hour/As needed		
Air conditioner FRESH air filter	12Y-979-1174	1
Air conditioner RECIRC air filter	12Y-979-6180	1
Engine air filter	-	
Other filters		
2,000 hours		
Hydraulic oil filter	11Y-60-51310	1

General maintenance	Part number	Qty.
Battery		
Battery	EP1131PMF	2
Battery relay switch	08088-70000	1
Engine electrical system		
Alternator	600-861-8110	1
Starter	600-863-5131	1
Tier 4		
SCR assembly	6544-01-0080	1
KDPF assembly	6534-01-0080	1
DEF mixing tube	6753-01-0070	1
DEF injector	6540-71-1110	1
EGR valve	6753-41-9610	1
EGR cooler assembly	6753-61-7300	1

Hydraulic system	Part number	Qty.
Blade lift cylinder assembly (LH)	707-G0-02050	1
Rod	707-58-50M20	1
Cylinder	707-11-90C50	1
Seal kit	721-98-02660	1
Blade lift cylinder assembly (RH)	707-G0-02090	1
Rod	707-58-50M20	1
Cylinder	707-11-90C60	1
Seal kit	721-98-02510	1
Blade tilt cylinder assembly	707-G0-03700	1
Rod	707-58-55A80	1
Cylinder	707-11-10L50	1
Seal kit	721-98-06150	1
Angle/pitch cylinder assembly (LH)	707-G0-02040	1
Rod	707-58-50M30	1
Cylinder	707-11-90C40	1
Seal kit	721-98-02510	1
Angle/pitch cylinder assembly (RH)	707-G0-02040	1
Rod	707-58-50M30	1
Cylinder	707-11-90C40	1
Seal kit	721-98-02510	1
Ripper lift cylinder assembly	707-G0-X1970	1
Rod	721-58-60690	1
Cylinder	707-11-11J00	1
Seal kit	721-98-02660	1

Undercarriage	Part number	Qty.
Track link assembly		
Heavy duty	-	
PLUS	12Y-32-00301	1
Conventional	12Y-32-00010	1
GC	12Y-32-07040	1
PLUS Fit	12Y-32-07410	1
Idler	12Y-30-00053	2
Track roller		
Conventional	12Y-30-00022	8
PLUS	12Y-30-01022	8
GC	12Y-30-07010	8
Carrier roller		
Conventional	12Y-30-00041	4
PLUS	12Y-30-01041	4
Roller bolts	01010-61670	8
Sprocket		
Conventional	12Y-27-11510	18
PLUS	12Y-27-15210	18
Recoil spring assembly	12Y-30-16002	2
Shoe bolt kit	124-32-05010	7

Operation and comfort	Part number	Qty.
Ignition key/switch	7861-93-7104	1
Radio	2A5-06-11933	1
Rearview camera	7835-80-1001	1
Operator seat	12Y-57-42111	1
Seatbelt	17A-57-51211	1
Rearview mirror	12Y-54-38520	1
Travel/back-up alarm	12Y-06-31911	1
Horn assembly	13Y-06-17210	1
Front wiper		
Blade	17A-Z11-2581	1
Arm	17A-Z11-2570	1
Motor	12Y-978-2441	1
Rear wiper		
Blade	12Y-978-2450	1
Arm	12Y-978-2470	1
Motor	11Y-06-46210	1
Door wiper (LH)		
Blade	17A-Z11-2581	1
Arm	12Y-978-2490	1
Motor	12Y-978-2431	1
Door wiper (RH)		
Blade	17A-Z11-2581	1
Arm	12Y-978-2490	1
Motor	12Y-978-2441	1

Cooling system	Part number	Qty.
Radiator	12Y-03-32672	1
Cap	12Y-03-34510	1
Oil cooler assembly	12Y-03-32661	1
Fuel cooler assembly	-	
Aftercooler assembly	12Y-03-32692	1
Air conditioner assembly	12Y-Z79-3190	1
Cooling assembly	-	
Evaporator	RD-2-4087-0	1
Thermistor	RD-6-5893-0	1
Condenser	RD-4-5452-0	1
Compressor	12Y-Z79-3121	1
Engine water pump assembly	6754-61-1210	1
Thermostat assembly	RD-5-4531-24	1
Cooling fan assembly	12Y-03-31410	1
Motor	708-7S-00810	1
Belt	6746-61-3710	1
Tensioner	6754-61-4111	1

Lighting	Part number	Qty.
Canopy working lamp	2A8-06-11310	1
Front working lamp	2A8-06-11310	1
Cab room lamp	421-06-26210	1
Lens	421-06-26250	1

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