

KOMATSU

Genuine Parts

D71EX/PX-24
dozer



Net horsepower: 237 HP (177kW) @ 2,100 rpm

Operating weight: 49,824-51,147 lbs

Serial numbers: 70002 and up

Quick reference parts guide

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Lubrication	Oil type	Refill capacity
Engine	EO15W40-LA	8.06 G/30.5 L
Final drive case (LH)	TO30	2.64 G/10 L
Final drive case (RH)	TO30	2.64 G/10 L
Hydraulic system	EO15W40-DH	40.7 G/154 L
Cooling system	AF-NAC	14.4 G/54.5 L
Fuel tank	Diesel Fuel	-
DEF tank	DEF	-

Filtration	Part number	Qty.
500 hour		
Pre-fuel filter	600-319-3610	1
Engine oil filter	6742-01-4540	1
1,000 hour		
Hydraulic tank breather	421-60-35170	1
DEF tank breather element	421-60-35170	1
Fuel tank breather element	421-60-35170	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	6747-81-7101	1
Other filters		
2,000 hour		
Hydraulic oil filter	423-60-45461	1

General maintenance	Part number	Qty.
Battery		
Battery	08003-3165G	2
Battery relay switch	08088-70000	1
Engine electrical system		
Alternator	600-861-9122	1
Starter	600-863-8150	1
Tier 4		
SCR assembly	6545-01-0050	1
KDPF assembly	6535-01-0050	1
DEF mixing tube	6747-11-5631	1
DEF injector	6540-71-1110	1
EGR valve	6755-41-9201	1
EGR cooler assembly	6755-61-7101	1

Hydraulic system	Part number	Qty.
Blade lift cylinder assembly (LH)	707-G0-03560	1
Rod	707-58-65E20	1
Cylinder	707-11-12F20	1
Seal kit	721-98-05810	1
Blade lift cylinder assembly (RH)	707-G0-03570	1
Rod	707-58-65E20	1
Cylinder	707-11-12F30	1
Seal kit	721-98-05810	1
Blade tilt cylinder assembly	707-E0-00030	1
Rod	707-58-70A10	1
Cylinder	707-11-13861	1
Seal kit	707-99-43740	1
Angle/pitch cylinder assembly (LH)	-	-
Rod	-	-
Cylinder	-	-
Seal kit	-	-
Angle/pitch cylinder assembly (RH)	707-G0-03580	1
Rod	707-58-65A81	1
Cylinder	707-11-11J90	1
Seal kit	707-99-36720	1
Ripper lift cylinder assembly	707-E0-00050	1
Rod	707-58-70A20	1
Cylinder	707-11-12A80	1
Seal kit	707-99-42300	1

Undercarriage	Part number	Qty.
Track link assembly		
Heavy duty	-	-
PLUS	14Y-32-00307	1
Conventional	14Y-32-07110	1
GC	14X-32-07040	1
PLUS Fit	14Y-32-07350	1
Idler	14X-30-00582	2
Track roller		
Conventional	14X-30-00089	12
PLUS	14X-30-01022	12
GC	14X-30-07130	12
Carrier roller		
Conventional	14X-30-00143	4
PLUS	14X-30-01041	4
Roller bolts	01010-62085	8
Sprocket		
Conventional	14X-27-77110	18
PLUS	14Y-27-45210	18
Recoil spring assembly	14Y-30-41631	2
Shoe bolt kit	134-32-05010	12

Operation and comfort	Part number	Qty.
Ignition key/switch	14X-06-52192	1
Radio	421-06-76121	1
Rearview camera	7835-80-1001	1
Operator seat	14Y-57-41131	1
Seatbelt	17A-57-51211	1
Rearview mirror	12Y-54-38520	1
Travel/back-up alarm	14Y-06-41150	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	14Y-03-41401	1
Cap	12Y-03-34510	2
Oil cooler assembly	14Y-03-41100	1
Fuel cooler assembly	-	-
Aftercooler assembly	14Y-03-41301	1
Air conditioner assembly	11Y-Z79-3193	1
Cooling assembly	-	-
Evaporator	RD240870P	1
Thermistor	RD658930P	1
Condenser	12Y-979-1135	1
Compressor	-	-
Engine water pump assembly	6746-61-1202	1
Thermostat assembly	6746-61-6240	1
Cooling fan assembly	14Y-03-41950	1
Motor	708-7S-00740	1
Belt	6747-61-3720	1
Tensioner	6754-61-4111	1

Lighting	Part number	Qty.
Canopy working lamp	2A8-06-11310	4
Front working lamp	2A8-06-11310	2
Cab room lamp	427-06-56211	1
Lens	-	-

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