

KOMATSU

Genuine Parts

PC78US-11 excavator



Net horsepower: 68 HP (51 kW) @ 1,850 rpm

Operating weight: 17,439-18,188 lbs.

Serial numbers: 50001 and up

Quick reference parts guide

[Lubrication](#) | [Filtration](#) | [General maintenance](#) | [Hydraulic system](#) | [Undercarriage](#) | [Operation and comfort](#) | [Cooling system](#) | [Lighting](#)

Lubrication	Oil type	Refill capacity
Engine	EO15W40-LA	2.77 G/10.5 L
Swing machinery case	TO30	0.53 G/2.0 L
Final drive case (LH)	TO30	0.29 G/1.1 L
Final drive case (RH)	TO30	0.29 G/1.1 L
PTO gear case	TO30	0.13 G/0.5 L
Hydraulic system	HO46-HM	14.8 G/56 L
Cooling system	AF-NAC	-
Fuel tank	Diesel Fuel	-

Filtration	Part number	Qty.
500 hour		
Engine oil filter	600-211-2111	1
Pre-fuel filter	600-319-4110	1
1,000 hour		
Hydraulic oil filter	22P-60-21161	1
O-ring	07000-12135	1
Main fuel filter	600-319-3881	1
Hydraulic tank breather	421-60-35170	1
DEF tank breather element	-	-
Fuel tank breather element	-	-

Filtration	Part number	Qty.
2,000 hour		
DEF filter	-	-
KCCV filter	-	-
As needed		
Air conditioner RECIRC air filter	22B-979-2860	1
Air conditioner FRESH air filter	17M-911-3530	1
Engine air filter	600-185-2200	1
Other filters		
Heater Gasket	6204-11-4850	1

General maintenance	Part number	Qty.
Battery		
Battery	08001-2080D	2
Battery relay switch	08088-70000	1
Engine electrical system		
Alternator	600-825-3410	1
Starter	600-863-4170	1
Tier 4		
EGR valve	6401-41-9100	1
EGR cooler assembly	6401-61-7100	1
DEF injector	-	
DEF mixing tube	-	
SCR assembly	-	
KDPF assembly	-	
DEF pump	-	

Hydraulic system	Part number	Qty.
Arm cylinder assembly	707-G0-03610	1
Rod	707-58-60C10	1
Cylinder	707-11-95500	1
Seal kit	721-98-05860	1
Boom cylinder assembly	707-G0-03590	1
Rod	707-58-65E40	1
Cylinder	707-11-11K00	1
Seal kit	721-98-05830	1
Bucket cylinder assembly	707-G0-03630	1
Rod	707-58-55E20	1
Cylinder	707-11-85840	1
Seal kit	721-98-05880	1
Swing circle assembly	21W-25-72100	1
Swivel joint	703-07-23251	1
Swing motor assembly	708-7S-00920	1
Spacer kit	TZ162D9000-00	1

Undercarriage	Part number	Qty.
Track link assembly		
Heavy duty	-	
PLUS	-	
Conventional	21W-32-00014	1
GC	-	
PLUS Fit	-	
Idler	21W-30-00016	2
Track roller		
Conventional	201-30-00315	10
PLUS	-	
GC	-	
Carrier roller		
Conventional	22P-30-00101	2
PLUS	-	
Roller bolts	01010-61685	2
Sprocket		
Conventional	21W-27-41110	2
PLUS	-	
Recoil spring assembly	21W-30-00140	2
Shoe bolt kit	21W-32-05050	7

Operation and comfort	Part number	Qty.
Operator seat	22P-57-21300	1
Seatbelt	22B-57-31921	1
Radio	421-06-76112	1
Rearview mirror	56D-54-32551	1
Wiper assembly	22B-54-48310	1
Arm	22B-54-28720	1
Motor	2A5-53-12721	1
Ignition key/switch	08086-50000	1
Rubber antenna	20Y-06-41990	1
Komatsu antenna 1 (Komtrax, if available)	20Y-06-41990	1
Komatsu antenna 2 (Komtrax, if available)	8A13-10-1360	1
Travel/back-up alarm	22F-06-33420	1
Left horn	419-06-48610	1
Right horn	-	
Fuel tank cap	22P-04-31670	1
Front window spring assembly	21J-06-12440	1

Cooling system	Part number	Qty.
Radiator	22P-03-32521	1
Cap	195-03-65990	1
Oil cooler assembly	6401-61-2100	1
Fuel cooler assembly	208-03-71161	1
Aftercooler assembly	22P-03-32541	1
Air conditioner assembly	22B-979-3703	1
Cooling assembly	22B-979-3703	1
Evaporator	ND446010-4660	1
Thermistor	ND077500-5890	1
Condenser	2A5-979-1282	1
Compressor	21N-979-5280	1
Engine water pump assembly	6401-61-1100	1
Thermostat assembly	600-421-6680	1
Cooling fan assembly	22B-01-43111	1
Motor	-	
Belt	6401-81-3100	1
Tensioner	6401-61-4500	1

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

Product designs, specifications and/or data in this document are provided for informational purposes only and are not warranties of any kind. Product designs and/or specifications may be changed at any time without notice. The only warranties that apply to sales of products and services are Komatsu's standard written warranties, which will be furnished upon request.

Komatsu and other trademarks and service marks used herein are the property of Komatsu Ltd. or its subsidiaries, or the respective owners or licensees.

KOMATSU

komatsu.com

