

WA270-8



WA270-8 S/N A28001-UP Wheel Loader

Lubrication &
Filtration

Power Train

Hydraulic System

Cooling System

Lighting

Operation & Comfort

KOMATSU[®]

GENUINEPARTS

The Difference Matters™

LUBRICATION & FILTRATION

SERVICE REFILL CAPACITIES AND CHANGE INTERVALS

Engine Oil	6.08 US Gal / 23 Ltr
<i>Premium Engine Oil LA/CJ-4</i>	140110H1 (1 Gal) / 1401101H1 (5 Gal)
Transmission	1.85 US Gal / 7 Ltr
<i>Powertrain Oil T010</i>	1400500H2 (1 Gal) / 1400501H1 (5 Gal)
Hydraulic	21.1 US Gal / 80 Ltr
<i>Premium Engine Oil 10W-30</i>	1400134H91 (5 Gal)
Axle (both front and rear)	9.7 US Gal / 36.5 Ltr
<i>AX080 Axle Oil</i>	1400160BH1 (5 Gal)
Cooling System	8.8 US Gal / 33.3 Ltr
<i>SuperCoolant AF-NAC Pre-Mixed</i>	1400164H1 (1 Gal) / 1400166H1 (5 Gal)
<i>SuperCoolant AF-NAC concentrate</i>	1400161H1 (1 Gal)
Fuel Tank	49.1 US Gal / 186 Ltr
DEF Tank	5.57 US Gal / 21.1 Ltr
<i>Diesel Exhaust Fluid (DEF)</i>	1401750H1 (2.5 Gal)

500 HOUR

Engine Oil Filter (2)	6736-51-5142
Fuel Pre-Filter	600-319-3610

1000 HOUR

Fuel Filter	600-319-3750
HST Oil Filter	418-18-34160
Alternator Belt	6754-81-3510

2000 HOUR

Hydraulic Tank Strainer	418-60-65161
<i>O-ring</i>	07000-15150
Hydraulic Tank Filter	285-62-17320
Hydraulic Piping Filter	418-60-55150
KCCV Filter	600-331-2900
DEF Filter	6540-71-2320
DEF Tank Breather	421-60-35170
Radiator Element, Breather	421-60-35170
Accumulator	419-62-52571

AS NEEDED

A/C Recirculation Air Filter	423-07-52410
A/C Fresh Air Filter	423-07-52440
Engine Air Assembly (inner & outer filter with O-ring)	600-185-4100

POWER TRAIN

ENGINE AND TRANSMISSION

Engine Model	KOMATSU SAA6D107E-3H
Engine	6756-H0-AN50
Turbo	6756-81-8140
<i>Reman</i>	R6756-81-8140
Transfer Assembly	4181750001P1

ENGINE LUBRICATION SYSTEM

Engine Oil Cooler	6754-61-2232
Engine Oil Pump	6756-51-1110

ENGINE FUEL SYSTEM

Fuel Injection Pump	6755-71-1310
<i>Reman</i>	R6755-71-1310
Fuel Injector (6)	6755-11-3100
<i>Reman</i>	R6755-11-3100

ENGINE ELECTRICAL SYSTEM

Starter	600-863-5131
Alternator 90A	600-861-9121
<i>Reman</i>	RKD90A01
Alternator 140A	600-825-9410
<i>Reman</i>	R600-825-9410

ENGINE COOLING SYSTEM

AC Compressor	423-S62-4330
A/C Belt	04120-21745
Cooling Fan Belt	6754-81-3510
Tensioner Assembly	6754-61-4111
Engine Water Pump	6754-61-1210
<i>Reman</i>	R6754-61-1210
Cooling Fan Motor	708-7S-00761

TIER 4

EGR Valve	6755-41-9200
EGR Pump	6755-21-9910
EGR Cooler	6755-61-7200
<i>Reman</i>	R1318257H91
KDPF Assembly (Reman)	R6534-01-0060
SCR Assembly	6544-01-0060
DEF Mixing Tube	6756-11-5210
DEF Injector	6540-71-1110
DEF Pump	6540-71-2510

BATTERY

Battery	EP1131PMF
Battery Relay Switch	08088-70000

AXLE AND PIVOT

Differential Assembly	
<i>Front (without Limited Slip Differential)</i>	418-22-31021
<i>Front (with Limited Slip Differential)</i>	418-22-41062
<i>Rear</i>	418-23-31011

Front Final Drive Assembly	
<i>Left - New</i>	418-22-32050
<i>Left - Reman</i>	R418-22-32050
<i>Right - New</i>	418-22-32060
<i>Right - Reman</i>	R418-22-32060

Rear Final Drive Assembly	
<i>Left - New (without Limited Slip Differential)</i>	418-23-32020
<i>Left - Reman</i>	R418-23-32020
<i>Left - New (with Limited Slip Differential)</i>	418-23-32070
<i>Left Reman</i>	R418-23-32070
<i>Right - New (without Limited Slip Differential)</i>	418-23-32030
<i>Right - Reman</i>	R418-23-32030
<i>Right - New (with Limited Slip Differential)</i>	418-23-32080

Drive Shaft	
<i>Front</i>	418-20-32190
<i>Rear</i>	418-20-34150

HYDRAULIC SYSTEM

Boom Cylinder	707-E1-02370
<i>Seal Kit</i>	707-99-37750
Bucket Cylinder	707-E1-02380
<i>Service Kit</i>	707-99-59190
Steering Cylinder	
<i>LH</i>	707-G0-01630
<i>RH</i>	707-G0-01640
<i>Service Kit</i>	721-98-01930

Hydrostatic Transmission Pump	419-18-51102
Hydraulic Piston Pump	708-1U-00380
Fan Gear Pump	705-52-11090
Hydraulic Pump	R6755-21-9910
Main Valve (2-Spool)	723-53-16800
Accumulator	419-S99-5881

COOLING SYSTEM

Radiator Assembly	418-03-62101
Oil Cooler Assembly	418-03-62121
After Cooler Assembly	418-03-62131
Upper Radiator Hose	418-03-61211
Upper Radiator Hose	418-03-63320
Upper Radiator Hose	418-03-61171
Lower Radiator Hose	418-03-61151
Thermostat	6751-61-6211
<i>Seal</i>	6754-61-6230
AC Condenser	56E-07-21133
Radiator Breather	208-04-71780
Cooling Fan Motor	708-7S-00761
Cooling Fan	11Y-03-42310

LIGHTING

Rear Working Lamp Assembly (2)	424-06-43231
<i>Lens (1)</i>	23A-06-21410
<i>Lens (1)</i>	424-06-43310
<i>Lens (1)</i>	23A-03-21430
<i>Bulb, 21W (2)</i>	424-06-43330
<i>Bulb, 21/5 W (2)</i>	424-06-43340
Front Turn Signal Assembly (2)	424-06-43221
<i>Lens (1)</i>	41G-06-13210
<i>Lens (1)</i>	41G-06-13220
<i>Bulb, 5W</i>	41G-06-13230
<i>Bulb, 25W</i>	08105-12420
Cab Mount Working Lamp (2)	423-06-33130
<i>Bulb, 70W (2)</i>	421-06-23330
<i>Lens (2)</i>	421-06-23320

OPERATION & COMFORT

Accelerator Pedal	702-16-07022
Radio Antenna	20Y-06-41990
Rear View Mirror (2)	11Y-979-4190
Cab Lamp	421-06-26210
<i>Bulb 10W</i>	421-06-26260
Ignition Switch	11y-06-11391
Heater Switch	600-815-2170
Radio (US)	56D-06-37120
Back-Up Alarm	20Y-06-41812
Horn, High	419-06-51351
Horn, Low	419-06-51361
Front Wiper	
<i>Blade</i>	425-54-15250
<i>Motor</i>	418-925-4930
<i>Arm Assembly</i>	418-925-4780
Rear Wiper	
<i>Blade</i>	20U-54-24850
<i>Motor</i>	421-926-3613
<i>Arm Assembly</i>	418-926-3971
Suspension Seat Assembly	423-57-51132
Seatbelt	419-57-51141
Windshield (front, center)	419-926-5541
Windshield (front, left side)	419-926-5551
Windshield (front, right side)	419-926-5561
Rear View Camera	7835-33-2001

Camera system can support up to four cameras

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GENUINEPARTS

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