

OPERATING WEIGHT

18455 kg — 40,693 lb

NET HORSEPOWER

143 kW 191HP @ 2100 rpm

WA380-8



KOMATSU®

Quick Reference Parts Guide

WA380-8 S/N 74001-UP Wheel Loader

Power Train

Scheduled Maintenance

Hydraulic System

Cooling System

Axle & Pivot

Lighting

Operation & Comfort

WA380-8 Quick Reference Parts Guide



Power Train

Turbo (Reman)	(R)6756-81-8140
Transmission Assembly	423-15-60010
Alternator 140A	600-825-9410
Alternator 90A (Reman)	(R)KD90A01
Fuel Injection Pump (Reman)	(R)6755-71-1010
Fuel Injector (6) (Reman)	(R)6755-11-3100
Engine Cooling Hydraulic Pump	(R)6755-21-9910
Starter (Reman)	(R)600-863-5130
KDPF Assembly	(R)6534-01-0050
SCR Assembly	6544-01-0050
EGR Valve	6755-41-9200
AC Compressor	423-S62-4330
A/C Belt	04120-21746
Cooling Fan Belt	6754-81-3510
Tensioner Assembly	6754-61-4111
Lubrication Oil Pump	6756-51-1110



Scheduled Maintenance

Service Refill Capacities	
Engine Oil	6 US Gal / 23 ltr
Premium Engine Oil 15W40-LA	1400847H1
Transmission	14.3 US Gal / 54 ltr
Powertrain Oil T010	1400502H1
Hydraulic	37.5 US Gal / 142 ltr
AW46 10W	1400531H1
Axle (both front and rear)	10.6 US Gal / 40 ltr
AX080 Axle Oil	1400159H1
Cooling System	16 US Gal / 60.6 ltr
SuperCoolant AF-NAC Pre-Mixed	1400165H1
SuperCoolant AF-NAC concentrate	1400162H1
Fuel Tank	79.3 US Gal / 300 ltr
*55 US Gal P/N shown for each, other volumes available	

500 Hour	
Engine Oil Filter	6736-51-5142
Fuel Pre-Filter	600-319-3610
1000 Hour	
Fuel Filter	600-319-3750
Transmission Oil Filter	714-07-28713
2000 Hour	
Hydraulic Tank Strainer	56D-15-19311
O-Ring	07000-75085
DEF Tank Breather	421-60-35170
KCCV Filter	600-331-2900
Hydraulic Oil Filter	423-60-45461
O-Ring	07000-15195
Hydraulic Tank Breather	285-62-17320
DEF Filter	6540-71-2320

As Needed	
AC Filter (Air Recirculation)	423-07-52410
AC Filter (Fresh Air)	423-07-52440
Engine Air Cleaner Element	600-185-4100
Battery (2)	2A5-061-A1010



Hydraulic System

Boom Cylinder	
LH	707-E1-00920
RH	707-E1-00930
Seal Kit	707-99-48630
Bucket Cylinder	707-E1-00950
Service Kit	707-99-56750
Steering Cylinder	
LH and RH	707-G0-01910
Service Kit	721-98-01030
Loader Pump	708-1W-02330
Steering Pump	708-1U-00370
Fan and Brake Pump	708-1S-00520
Secondary Steering Pump	705-40-01020
Power Train Pump	705-51-30830
Accumulator	423-S99-3144



Cooling System

Radiator Assembly	423-03-61102
Oil Cooler Assembly	423-03-61140
After Cooler Assembly	423-03-61130
Engine Water Pump	6754-61-1210
Engine Thermostat	6751-61-6211
Seal	6754-61-6230
Condenser	56E-07-21133
Cooling Fan Motor	708-7S-00710
Cooling Fan	600-645-7870



Axle & Pivot

Axle Assembly	
Front	423-22-40012
Front (w/ Limited Slip Differential)	423-22-47010
Rear	423-23-40013
Rear (w/ Limited Slip Differential)	423-23-47011
Differential Assembly	
Front 423-22-41011	
Front (w/ Limited Slip Differential)	423-22-41060
Rear	423-23-41012
Rear (w/ Limited Slip Differential)	423-23-41060
Final Drive Assembly	
Front Left	423-22-42021
Front Right	423-22-42031
Rear Left	423-23-42022
Rear Right	423-23-42032
Drive Shaft	
Center	423-20-32511
Front	423-20-33101
Rear	423-20-34111



Lighting

Hood, Working Lamp Assembly (2)	423-06-54191
Bulb, 70W	421-06-23330
Front Lamp	424-06-43211
Bulb, 75/70W	424-06-23230
Battery Box, Rear Combo Lamp	
Turn Signal (2)	423-06-54243
Bulb, 21W	424-06-43330
Back Up Lamp	423-06-54141
Tail Lamp	56D-06-34150
Cab Mount Working Lamp (2)	423-06-33130
Bulb, 70W	421-06-23330



Operation & Comfort

Accelerator Pedal	702-16-07022
Brake Pedal	418-43-27191
Radio Antenna	20Y-06-41990
Rear View Mirror (2)	423-54-65611
Cab Lamp	421-06-26210
Ignition Switch	08086-20100
Back-Up Alarm	20Y-06-41812
Horn	419-06-51351
Front Wiper	
Blade	423-54-55272
Motor	418-923-3932
Arm Assembly	423-926-4781
Rear Wiper	
Blade	20U-54-24850
Motor	421-926-5811
Arm Assembly	20T-54-74980
Suspension Seat Assembly	421-57-61141
Windshield (Front, Center)	423-926-4711
Windshield (Front, Left Side)	423-926-5731
Windshield (Front, Right Side)	423-926-5721

(R)=Check Reman availability with your Komatsu Distributor.

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