

OPERATING WEIGHT

34,090 kg — 75,169lb

NET HORSEPOWER

264 kW 353 HP @ 1900 rpm

WA500-8



KOMATSU®

Quick Reference Parts Guide

WA500-8 S/N A96001-UP Wheel Loader

Power Train

Scheduled Maintenance

Hydraulic System

Cooling System

Axle & Pivot

Lighting

Operation & Comfort

WA500-8 Quick Reference Parts Guide



Power Train

Engine	6263-C0-0010T4
Engine Head Cover Gaskets	6217-11-8830
Torque Converter Assembly	425-13-41010
Turbo	6508-12-5020
Turbo Mounting Gasket	6261-11-5850
Turbo to DEF Injector Assembly	6520-71-1040
Engine Oil Pump	6263-51-2000
DEF Injector Assembly	6540-71-1110
EGR Valve	6263-41-9100
EGR Oil Pump	6261-51-9101
Engine Oil Cooler	6219-81-7100
EGR Cooler (2)	6252-61-7100
KDPF Assembly	(R)6536-01-0060
Ventilator Element, KCCV Breather	600-331-1900
Alternator	RKD90A01
Fuel Supply Pump	(R)6262-71-1100
Fuel Injector (6)	(R)6262-11-3200
Starter	(R)600-813-9322
AC Compressor	569-07-88122
Alternator Belt	6262-81-6610
Tensioner Assembly	6262-81-6900



Scheduled Maintenance

Service Refill Capacities	
Engine Oil	10 US Gal / 38 ltr
Premium Engine Oil 15W-40	1400115H91
Transmission	17.2 US Gal / 65 ltr
Powertrain Oil T010	1400502H1
Hydraulic	45.7 US Gal / 173 ltr
Powertrain Oil T010	1400502H1
Axle (each front and rear)	14.8 US Gal / 56 ltr
AX080 Axle Oil	1400159H1
Cooling System	20.6 US Gal / 78 ltr
SuperCoolant AF-NAC Pre-Mixed	1400165H1
SuperCoolant AF-NAC concentrate	1400162H1
Fuel Tank	100.4 US Gal / 380 ltr
AdBlue/DEF Tank	9.8 US Gal / 37 ltr
*55 US Gal P/N shown for each, other volumes available	

500 Hour	
Engine Oil Filter (2)	600-211-1340
Fuel Pre-Filter	600-319-4800
Transmission Filter (3)	14X-49-61410
1000 Hour	
Fuel Filter	600-319-3841
Transmission Strainer O-ring	07000-75085
Transmission Strainer O-ring	07000-A2100
2000 Hour	
KCCV Filter	600-331-1900
Hydraulic Oil Filter	426-60-65230
O-Ring	07000-B5180
Hydraulic Tank Breather Element	285-62-17320
Hydraulic Tank Strainer O-ring	07000-B5230

As Needed	
AC Filter (Air Recirculation)	423-07-52410
AC Filter (Fresh Air)	423-07-52440
Engine Air Assembly	
(Inner and Outer Filter With O-ring)	600-185-6100
Engine Outer Air Filter	600-185-6110
DEF Tank Breather	421-60-35170
DEF Filter	6540-71-2320
Battery	EP908DFT



Hydraulic System

Boom Cylinder, LH	707-E1-01311
Boom Cylinder, RH	707-E1-01321
Boom Cylinder Seal Kit	707-99-67760
Bucket Cylinder	707-E1-01331
Bucket Cylinder Service Kit	707-99-67770
Steering Cylinder (2)	707-G0-01360
Pump-Work Equipment	708-1H-00040
Pump-Steering	708-1W-00580
Pump-Fan	708-1T-00591
Accumulator	425-62-54121



Cooling System

Radiator Assembly	425-03-51201
Oil Cooler	425-03-51131
Oil Cooler, Upper	425-03-44110
Aftercooler	425-03-51121
Engine Water Pump	6261-61-1102
Thermostat (2)	600-421-6630FS
Seal	6162-13-6440
Gasket	6262-61-6420
AC Condenser	56E-07-21133
Cooling Fan Motor	708-7T-00760
Radiator Reservoir Tank (2)	17A-03-05110



Axle & Pivot

Differential Assembly	
Front	425-22-31012
Rear	425-23-31012
Front Final Drive Assembly	
Left	425-22-44002
Right	425-22-45002
Rear Final Drive Assembly	
Left	425-23-45002
Right	425-23-44002
Drive Shaft	
Front	425-20-33122
Center	425-20-32251
Rear	425-20-34141



Lighting

Hood Door Rear Combination Lamp	22B-06-11690
Bulb, 70W	421-06-23330
Cab Mount Working Lamp (2)	423-06-33130
Bulb, 70W	421-06-23330
Lens	421-06-23320
Front Turn Signal Assembly (2)	424-06-43221
Lens, Orange	41G-06-13210
Lens, Orange	41G-06-13220
Bulb, 5W	41G-06-13230
Bulb, 25W	08105-12420
Rear Combination Lamp (2)	
Back Up	423-06-54141
Tail Light	56D-06-34150
Turn Signal	423-06-54243



Operation & Comfort

Accelerator Pedal	702-16-07022
Brake Pedal	425-43-37151
Radio Antenna	20Y-06-41990
KOMTRAX Antenna #1	8A13-10-3110
KOMTRAX Antenna #2	423-06-55151
Rear View Mirror (2)	11Y-979-4190
Cab Lamp	421-06-26210
Bulb, 10W	421-06-26260
Lens	421-06-26250
Ignition Switch	08086-20100
Blower Motor Assembly	AN51500-11180
Radio (US)	56D-06-37120
Back-Up Alarm	20Y-06-41812
Horn, High	419-06-51351
Horn, Low	419-06-51361
Front Wiper	
Blade	423-54-55272
Motor	421-926-5811
Arm Assembly	423-926-4781
Rear Wiper	
Blade	20U-54-24850
Motor	418-923-3932
Arm Assembly	20T-54-74980
Suspension Seat Assembly	421-S33-6131
Seatbelt	426-57-51170
Windshield (Front & Center)	423-926-4711
Windshield (Front , Left Side)	423-926-5721
Windshield (Front, Right Side)	423-926-5731
<u>Aftermarket System for all applications</u>	
One Camera System	1400177H1
Two Camera System	1400178H1
Color Camera	1401801H1
Camera Cables	1400099H1

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

PM1044-01

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