

OPERATING WEIGHT

23720 kg — 52,303lb

NET HORSEPOWER

203 kW 272 HP @ 2000 rpm

WA470-8



KOMATSU®

Quick Reference Parts Guide

WA470-8 S/N 49001-UP Wheel Loader

Power Train

Scheduled Maintenance

Hydraulic System

Cooling System

Axle & Pivot

Lighting

Operation & Comfort

WA470-8 Quick Reference Parts Guide



Power Train

Engine (Reman)	(R)6253-D0-0010
Turbocharger (Reman)	(R)6507-12-5030
Transmission Assembly	(R)421-15-60010
Alternator 90A (Reman)	(R)KD90A01
Fuel Injection Pump (Reman)	(R)6252-71-1110
Fuel Injector (12)	(R)6252-11-3100
Starter (Reman)	(R)600-813-6632
AC Compressor	423-S62-4330
AC Belt	04120-21757
EGR Oil Pump	6252-51-9100
Fuel Priming Pump	600-815-9180
Engine Oil Cooler	
Element	6152-62-2210
Gasket	6150-61-2815
Thermostat	6251-61-2610
Engine Oil Pump	6253-51-1000



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	600-211-1340
Fuel Pre-Filter	600-319-4800
1000 Hour	
Fuel Filter	600-319-3841
Transmission Strainer	56D-15-19311
Strainer O-Ring	07000-75085
Transmission Filter	714-07-28713
2000 Hour	
Hydraulic Tank Filter	207-60-71183
O-Ring	07000-15195
Hydraulic Breather Element	285-62-17320
Element, DEF Tank Breather	421-60-35170
DEF Filter	6540-71-2320
KCCV Element	600-311-1900
Filter, Transmission Oil	714-07-28713
4000 Hour	
Accumulator	425-62-23751
O-Ring, Accumulator	07002-12034

As Needed	
AC Filter, Fresh Air	423-07-52440
AC Filter, Re-circulated Air	423-07-52410
Engine Outer Air Filter	600-185-5110
Battery	EP904D



Hydraulic System

Steering Pump	708-1W-00540
Loader Pump	708-1G-00080
Bucket Cylinder	
Standard	(R)707-E1-02270
Seal Kit	707-99-66180
High Lift Arm	707-E1-02390
Seal Kit	707-99-57360
Large Bore	707-E1-02540
Seal Kit	707-99-66180
Boom Cylinder	
LH	(R)707-E1-02250
RH	(R)707-E1-02260
Seal Kit (2)	707-99-57360
Steering Cylinder	
LH	(R)707-G0-00661
RH	(R)707-G0-00671
Seal Kit (2)	721-98-00730
Accumulator	423-S99-3144



Cooling System

Radiator Assembly	421-03-61101
Radiator Core	421-03-61111
Radiator Core	421-03-61121
AfterCooler	421-03-61231
Hydraulic Oil Cooler Assembly	421-03-51410
Fan Motor	(R)708-7S-00710
Condenser	421-S62-4120
Engine Water Pump	(R)6252-61-1100
EGR Cooler	6252-61-7100
Breather, Radiator	208-04-71780



Axle & Pivot

Front Axle	
Assembly	421-22-30033
Final Drive, LH	(R)421-22-32061
Final Drive, RH	(R)421-22-32071
Differential	(R)421-22-31045
Front Axle	
Assembly	421-23-30034
Final Drive, LH	(R)421-23-32020
Final Drive, RH	(R)421-23-32030
Differential	(R)421-23-32044
Drive Shaft (Front)	421-20-43010
Drive Shaft (Rear)	421-20-44110
Drive Shaft (Center)	421-20-42110



Lighting

Front Lamp (2)	
Lamp	424-06-43211
Lens	424-06-23220
Bulb, 75/70 Watt	424-06-23230
Engine Hood (2)	
Lamp	423-06-54191
Bulb, 70 Watt	421-06-23330
Rear Combination Lamp (2)	
Back Up Lamp	423-06-54141
Tail Light	56D-06-34150
Turn Signal	423-06-54243
Bulb, 21 Watt	424-06-43330
Lens, Orange	423-06-54281
Inside Cab	
Lamp	421-06-26210
Lens	421-06-26250
Bulb, 10W	421-06-26260



Operation & Comfort

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	418-923-3932
Arm Assembly	423-926-4781
Rear Wiper	
Blade	20U-54-24850
Motor	421-926-5811
Arm Assembly	20T-54-74980
Windshield (Front Center)	423-926-4711
Windshield (Font Left)	423-926-5721
Windshield (Font Right)	423-926-5731
Windshield (Rear)	423-926-5740
Operators Seat	421-57-61131
ROPS Side Mounted Mirror (2)	
Mirror, Square	421-54-65611
Mirror, Circular	14S-54-24370
Rearview Mirror, Inside Cab (2)	11Y-979-4190
A/C Assembly	423-07-51533
Ignition Switch	08086-20100
Aftermarket System for all applications	
One Camera System	1400177H1
Two Camera System	1400178H1
Color Camera	1401801H1
Camera Cables	1400099H1

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

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