

WA600-8



WA600-8 S/N 80001-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	22.7 US Gal / 86 ltr
Premium Engine Oil LA/CJ-4	140110H1 (1 Gal) / 1401101H1 (5 Gal)
Transmission	20.6 US Gal / 78 ltr
Powertrain Oil T030	1400504H2 (1 Gal) / 1400505H1 (5 Gal)
Hydraulic	117 US Gal / 443 ltr
Hydraulic Oil AW46 10W	1400530H2 (5 Gal)
Axle (Rear)	48.9 US Gal / 185 ltr
Axle (Front)	51.5 US Gal / 195 ltr
AX080 Axle Oil	14001608H1 (5 Gal)
Cooling System	39.6 US Gal / 150 ltr
SuperCoolant AF-NAC	
Pre-Mixed	1400164H1 (1 Gal) / 1400166H1 (5 Gal)
SuperCoolant AF-NAC	
Concentrate	1400161H1 (1 Gal)
Fuel Tank	190 US Gal / 718 ltr
DEF Tank	15.2 US Gal / 57.7 ltr
DEF	1401750H1 (2.5 Gal)

500 HOUR

Engine Oil Filter (3)	600-211-1340
Fuel Main Filter	600-319-3841
Fuel Pre-Filter (2)	600-319-4800
Brake Oil Filter (2)	426-43-38760
Transmission Oil Filter (4)	14X-49-61410

1000 HOUR

Transmission Strainer O-ring	07000-75085
Transmission Strainer O-ring	07000-B2100
Fuel Tank Breather Element	421-60-35170
DEF Tank Breather Element	421-60-35170

2000 HOUR

Hydraulic Filter	426-60-65230
O-ring	07002-61423
O-ring	07000-A2010
O-ring	07000-A5200
Hydraulic Tank Breather Element (2)	285-62-17320
Hydraulic Tank Strainer O-ring	07000-A5230
KCCV Filter	600-331-1900
PPC Circuit Strainer O-ring	07000-B3032
PPC Circuit Strainer O-ring	07000-B3030
Work Equipment Circuit Strainer O-ring (2)	07000-B3032
Work Equipment Circuit Strainer O-ring (2)	07000-B3035
Work Equipment Circuit Strainer O-ring (2)	07002-13634
Steering Circuit Strainer O-ring	07000-B3032
Steering Circuit Strainer O-ring (4)	07000-B3035
Steering Circuit Strainer O-ring	07002-13634
DEF Filter	6540-71-2320

AS NEEDED

A/C Filter (recirculation & fresh air)	426-07-52440
Engine Air Assembly (inner & outer filter with O-ring)	600-185-6100

POWER TRAIN

ENGINE AND TRANSMISSION

Engine Model	KOMATSU SAA6D170E-7A
Engine (Reman)	R6246A00010T4
Turbo	6509-11-5010
Reman	R6509-11-5010
Torque Flow	426-13-50000
Reman	R426-13-50000

ENGINE LUBRICATION SYSTEM

Engine Oil Pump	6240-51-1100
Engine Oil Cooler	6240-61-2101

ENGINE FUEL SYSTEM

Fuel Injection Pump	6246-71-1100
Reman	R6246-71-1100
Fuel Injector (6)	6246-11-3100
Reman	R6246-11-3100

ENGINE ELECTRICAL SYSTEM

Starter, 11KW	600-813-9512
Reman	R600-813-9512
Alternator 140A	600-825-9410
Reman	R600-825-9410

ENGINE COOLING SYSTEM

AC Compressor	426-07-31111
V-Belt	6245-81-6170
Tensioner Assembly	6245-81-6902
Tensioner Needle Bearing (2)	6162-64-3910
Tensioner Roller Bearing (2)	06301-06306
Engine Water Pump	6240-61-1105
Reman	R6240-61-1105

TIER 4

SCR Assembly	6546-01-0080
DEF Mixing Tube	6253-11-5821
DEF Injector	6540-71-1110
DEF Pump	6540-71-2510
KDPF Assembly	R6536-01-0080
EGR Valve	6246-41-9100
EGR Oil Pump	6246-51-9100
EGR Cooler	6252-61-7100

BATTERY

Battery (2)	EP908DFT
Battery Relay Switch (2)	08088-70000

AXLE AND PIVOT

Differential	
Front (STD)	426-22-41000
Reman	R426-22-41000
Rear (STD)	426-23-41000
Reman	R426-23-41000
Front (with Brake Cooling)	426-22-41010
Reman	426-22-41010
Rear (with Brake Cooling)	426-23-41010
Reman	R426-23-41010
Front (with LSD)	426-22-31054
Rear (with LSD)	426-23-31054
Front (with LSD & Brake Cooling)	426-22-31062
Rear (with LSD & Brake Cooling)	426-23-31062
Final Drive	
LH Front & RH Rear	426-22-34101
Reman	R426-22-34101
RH Front & LH Rear	426-22-34201
Reman	R426-22-34201

Drive-shaft Assembly	
Front	426-20-33112
Rear	426-20-34121
Propeller	426-20-31121

HYDRAULIC SYSTEM

Lift Cylinder (2)	707-G1-03950
Reman	R707-G1-03950
Barrel	707-13-20760
Rod	707-59-14030
Service Kit	721-98-01200
Bucket Cylinder (3990 mm Length Link)	707-G1-03940
Reman	R707-G1-03940
Barrel	707-13-22620
Rod	707-58-14390
Service Kit	721-98-01220
Bucket Cylinder (Short Arm Lift)	707-G1-03160
Barrel	707-13-22620
Rod	707-58-14680
Service Kit	721-98-01220

Steering Cylinder (LH)	707-G1-03970
Reman	R707-G1-03970
Barrel	707-13-11761
Rod	707-59-75061
Service Kit	721-98-01250
Steering Cylinder (RH)	707-G1-03980
Reman	R707-G1-03980
Barrel	707-13-11771
Rod	707-59-75061
Service Kit	721-98-01250
Pump, Steering	708-1L-00600
Reman	R708-1L-00600
Pump, Powertrain	705-51-32240
Pump, Break Cooling	705-51-12090
Reman	R705-51-12090
Pump, Cooling Fan	708-1W-00340
Reman	R708-1W-00340
Pump, Work Equipment	708-2G-00802
Reman	R708-2G-00802
Pump, Secondary Steering	704-30-40140
Reman	R704-30-40140
Accumulator, Brake R2 Type (2)	721-31-15030
Accumulator, Brake (2)	721-31-15011
Accumulator, ECSS	426-62-65810
Accumulator, PPC	425-62-23751

COOLING SYSTEM

Radiator Assembly without Brake Oil Cooler	426-03-67503
Radiator Assembly with Brake Oil Cooler	426-03-67602
Aftercooler	426-03-67590
Brake Cooler (2)	426-S05-6310
Hydraulic Oil Cooler	426-03-67870
AC Condenser	2A5-979-1281
Aftercooler	426-03-67590
Cooling Fan Motor	708-7W-00340
Upper Radiator Hose 1 (to Engine)	09483-10304
Upper Radiator Hose 2 (to Engine)	56B-03-21430
Lower Radiator Hose	07260-27418

LIGHTING

Front Head Lamp (2)	424-06-23210
Lens, Clear	424-06-23220
Bulb, 75/70W	424-06-23230
Front Combination Lamp (2)	23B-06-42460
Lens, Orange	41G-06-13210
Lens, Orange	41G-06-13220
Bulb, 5W	41G-06-13230
Bulb, 25W	08105-12420
Front Working Lamp (2)	22B-06-11690
Lens	22B-06-11990
Bulb, 70W	421-06-23330

Front Working LED Lamp (2)	426-06-31810
Rear Combination Lamp (2)	
Tail Lamp	56D-06-34151
Turning Signal	423-06-54243
Lens, Orange	423-06-54281
Bulb, 21W	424-06-43330
Back-Up Lamp	423-06-54142
Lens, Clear	423-06-54260
Side Lamp (4)	426-06-31810
Cab Mounted Working Lamp (2)	426-56-23360
Lens	421-06-23320
Bulb, 70W	421-06-23330
Room Lamp	56B-06-16790
Bulb, 5W	56B-06-16930
Rear Room Lamp	421-06-26210
Lens	421-06-26250
Bulb, 10W	421-06-26260

OPERATION & COMFORT

Radio (AM-FM)	56D-06-37120
Back-Up Alarm	08164-A1000
Horn Assembly	425-06-31311
Rearview Camera	7835-33-2001
Accelerator Pedal	702-16-07022
Radio Antenna	20Y-06-41990
GPS Antenna	8A13-10-1330
KOMTRAX Antenna	8A13-10-5100
Rear View Mirror (2)	20T-54-81730
Ladder Mirror	2A5-54-13420
Ignition Switch	08086-40100
Seat Belt	426-57-51170
Front Wiper Assembly	
Blade	425-54-15250
Motor	426-926-4531
Arm Assembly	42C-56-11580
Rear Wiper	
Blade	20T-54-74990
Motor	421-926-3613
Arm Assembly	426-926-5610
Windshield (Front & Center)	426-926-3540
Windshield (Front & Left Side)	426-926-3550
Windshield (Front & Right Side)	426-926-3560

AFTERMARKET SYSTEM FOR ALL APPLICATIONS

One Camera System	1400177H1
Two Camera System	1400178H1
Color Camera	1401802H1
Camera Cables	1400099H1

Camera system can support up to four cameras



GENUINEPARTS
The Difference Matters™

©2017 Komatsu KGP100201
Komatsu America Corp. is an authorized licensee of Komatsu Ltd. Materials and specifications are subject to change without notice. Komatsu is a registered trademark of Komatsu Ltd., Japan.