

GD655-6



GD655-6 S/N 60001-UP Motor Grader

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 liter
<i>Premium EO 15W40 CK4</i>	1401100H2 (1 Gal) / 1401101H2 (5 Gal)
Transmission	11.9 US Gal / 45 liter
<i>Powertrain Oil T010</i>	1400500H3 (1 Gal) / 1400501H2 (5 Gal)
Hydraulic System	18.2 US Gal / 69 liter
<i>Powertrain Oil T010</i>	1400500H3 (1 Gal) / 1400501H2 (5 Gal)
Final Drives	4.23 US Gal / 16 liter
<i>Powertrain Oil T030</i>	1400504H3 (1 Gal) / 1400505H2 (5 Gal)
Coolant	7.93 US Gal / 30 liter
<i>SuperCoolant AF-NAC Pre-Mixed</i>	1400164H1 (1 Gal) / 1400166H1 (5 Gal)
<i>SuperCoolant AF-NAC concentrate</i>	1400161H1 (1 Gal)
Circle Reverse Gear Case	1.85 US Gal / 7 liter
<i>Spirax S4 AX 80W90</i>	1400123H2 (5 Gal)
Fuel Tank	103 US Gal / 390 liter
DEF Tank	9.51 US Gal / 36 liter
<i>Diesel Exhaust Fluid (DEF)</i>	1401750H1 (2.5 Gal)

500 HOUR

Fuel Pre-filter	600-319-3610
Engine Oil filter	6736-51-5142

1000 HOUR

Transmission Oil Filter	714-07-28713
Fuel Main Filter	600-319-3750
Hydraulic Tank Breather Element	421-60-35170
Hydraulic Oil Filter	423-60-45461
<i>O-ring</i>	07000-15195

2000 HOUR

KCCV Filter	600-331-2900
DEF Tank Breather	421-60-35170
DEF Filter	6540-71-2320

AS NEEDED

Air Cleaner Assembly	600-185-4100
FRESH Air Filter	17M-911-3530
RECIRC Air Filter	23B-07-74170

POWER TRAIN

ENGINE AND TRANSMISSION

Engine Model	SAA6D107E-3D
Engine	6756-D0-0010T4
<i>Reman</i>	R6756D00010T4
Engine Cylinder Head Assembly	6755-11-1211
Transmission Assembly	23B-13-80000
<i>Reman</i>	R23B-13-80000
<i>Service Kit</i>	23B-13-05030
<i>Service Kit (Control Valve)</i>	23B-13-05010
<i>Service Kit (Piping)</i>	23B-13-05020
Torque Converter	23B-13-81000
Turbocharger	6756-81-8140
<i>Reman</i>	R6756-81-8140

ENGINE LUBRICATION SYSTEM

Engine Oil Pump	6756-51-1110
Engine Oil Cooler	6754-61-2110

ENGINE FUEL SYSTEM

Fuel Injection Pump	6755-71-1010
<i>Reman</i>	R6755-71-1010
Fuel Injector (6)	6755-11-3100
<i>Reman</i>	R6755-11-3100

ENGINE ELECTRICAL SYSTEM

Alternator 90A	600-861-9121
<i>Reman</i>	RK090A01
Alternator 140A	600-825-9410
<i>Reman</i>	R600-825-9410
Starter 5.5KW	600-863-5131
<i>Reman</i>	R600-863-5131
Engine Controller	600-497-2300

ENGINE COOLING SYSTEM

Water Pump	6754-61-1210
<i>Reman</i>	R6754-61-1210
Belt Tensioner	6754-61-4111
Cooling Fan Belt	6754-81-3510

TIER 4

EGR Valve Assembly	6755-41-9200
EGR Cooler Assembly	6755-61-7200
SCR Assembly	6544-01-0040
KDPF Assembly	6534-01-0040
<i>Reman</i>	R6534-01-0040
DEF Mixing Tube	6756-11-5310
DEF Injector	6540-71-1110
DEF Pump	6540-71-2110

BATTERY

Battery (2)	EP904D
Battery Relay Switch (I)	08088-60000
Battery Disconnect Switch	08068-00001

AXLE & PIVOT

Rear Axle Assembly	23B-22-80101
<i>Final Drive</i>	23B-22-82000
<i>Reman</i>	R23B-22-82000
<i>Sprocket Chain (4)</i>	23B-25-41500
<i>Brake</i>	23B-32-81300
Front Drive Shaft	23B-27-11351
Propeller Shaft	23B-20-81100

HYDRAULIC SYSTEM

Steering Cylinder Assembly (LH)	707-00-0J430
<i>Reman</i>	R707-00-0J430
<i>Rod</i>	707-61-35760
<i>Barrel</i>	721-11-50660
<i>Seal Kit</i>	707-98-05470
Steering Cylinder Assembly (RH)	707-00-0J430
<i>Rod</i>	707-61-35760
<i>Barrel</i>	721-11-50660
<i>Seal Kit</i>	721-98-01460
Leaning Cylinder Assembly	707-00-0J471
<i>Reman</i>	R707-00-0J471
<i>Rod</i>	707-58-40J61
<i>Barrel</i>	707-11-80J61
<i>Seal Kit</i>	721-98-01460
Blade Lift Cylinder Assembly (2)	707-02-00100
<i>Rod (2)</i>	707-58-50J00
<i>Barrel (2)</i>	707-12-80230
<i>Seal Kit</i>	707-98-25400
Drawbar Shift Cylinder Assembly	707-00-0J480
<i>Rod</i>	707-60-45020
<i>Barrel</i>	707-11-80J80
<i>Seal Kit</i>	707-98-24400
Scarifier Cylinder Assembly	707-00-0J510
<i>Rod</i>	707-58-50K90
<i>Barrel</i>	721-11-90890
<i>Seal Kit</i>	707-98-29430
Articulate Cylinder Assembly	707-00-0J460
<i>Rod</i>	721-58-45780
<i>Barrel</i>	707-11-80J90
<i>Seal Kit</i>	707-98-27660
Ripper Cylinder Assembly	707-G2-00460
<i>Rod</i>	707-58-55C30
<i>Barrel</i>	707-12-12240
<i>Seal Kit</i>	721-98-01230
Blade Shift Cylinder Assembly	707-00-0J540
<i>Rod</i>	707-58-50C30
<i>Barrel</i>	707-11-80K10
<i>Seal Kit</i>	707-98-26060

Power Tilt Cylinder Assembly	707-00-0J450
<i>Rod</i>	707-58-40J50
<i>Barrel</i>	707-11-80J70
<i>Seal Kit</i>	707-98-27650
Work Equipment/Steering Pump	708-1W-02291
<i>Reman</i>	R708-1W-02291
Power Train Pump	705-52-21260
<i>Reman</i>	R705-52-21260
Gear Pump	705-52-21260
Cooling Fan Pump	23B-60-82210
Control Valve	723-1A-18600

COOLING SYSTEM

Radiator Assembly	23B-03-81111
<i>Aftercooler</i>	23B-03-81221
<i>Oil Cooler</i>	419-14-31220
Fan Motor	708-7S-00671
<i>Reman</i>	R708-7S-00671
A/C Condenser Unit	56E-07-21133
Engine Oil Cooler Core	6754-61-2110
Thermostat	6754-61-6212

LIGHTING

Beacon Lamp	23C-806-6540
<i>Bulb (4)</i>	08103-12460
Headlamp Assembly (2)	417-06-43110
<i>Bulb, 75/70W (2)</i>	424-06-23230
<i>Lens Assembly (2)</i>	23S-06-54121
Front Lamp (2)	56B-06-11641
<i>Lens (2)</i>	23W-06-23160
<i>Bulb, 12W (2)</i>	08110-12410
Front Lamp (2)	56D-06-21810
<i>Lens (2)</i>	56D-06-21820
<i>Lens (2)</i>	56D-06-21830
<i>Bulb, 5W (2)</i>	41G-06-13230
<i>Bulb, 25W (2)</i>	08105-12420
Working Lamp Assembly (6)	11Y-06-11372
<i>Bulb, 70W (6)</i>	421-06-23330
Front Cab Mounted Lamp Assembly (4)	423-06-33130
<i>Lens (4)</i>	421-06-23320
<i>Bulb, 70W (4)</i>	421-06-23330
Rear Combination Lamp (2)	424-06-43241
<i>Lens, Amber (2)</i>	23A-06-21510
<i>Lens, Red (2)</i>	424-06-43320
<i>Lens, Clear (2)</i>	23A-06-21530
<i>Bulb, 21W (4)</i>	424-06-43330
<i>Bulb, 21/5W (2)</i>	424-06-43340
Room Lamp	421-06-26210
<i>Lens (2)</i>	421-06-26250
<i>Bulb, 10W (2)</i>	421-06-26260

OPERATION & COMFORT

Air Conditioner	23B-07-84241
<i>Motor Assembly</i>	AN51500-11180
<i>Evaporator</i>	AN51700-A0370
<i>Heater Core</i>	AN51141-10491
<i>Compressor</i>	23B-07-61112
<i>Receiver Tank</i>	423-07-31571
<i>V-Belt</i>	04120-21749
Radio (US)	56D-06-37120
Back Up Alarm	20Y-06-41812
Horn	23C-06-63410
Horn	23C-06-63420
Operator's Cab Front Wiper	
<i>Blade</i>	362-56-42690
<i>Arm</i>	362-56-41381
<i>Motor</i>	23B-953-8220
Operator's Cab Rear Wiper	
<i>Blade</i>	20T-54-74990
<i>Arm</i>	20T-54-84840
<i>Motor</i>	23A-952-8211
Operator's Cab Door Wiper (LH)	
<i>Blade</i>	20U-54-24850
<i>Arm</i>	20T-54-84840
<i>Motor</i>	23B-952-7471
Operator's Cab Door Wiper (RH)	
<i>Blade</i>	20U-54-24850
<i>Arm</i>	20T-54-84840
<i>Motor</i>	421-926-3613
Mirror	
<i>Cab Rear Mirror (2)</i>	11Y-979-4190
<i>Rear View (2)</i>	421-54-25610
KOMTRAX Antenna	23B-952-8921
KOMTRAX Antenna	423-06-47470
Rubber Antenna	23B-06-81990
Accelerator Pedal	702-16-07022
Operators Seat	23B-57-31301
Seat Belt	23B-57-82161

AFTERMARKET SYSTEMS FOR ALL APPLICATIONS

One-Camera System	1400177H1
Two-Camera System	1400178H1
Camera Assembly	1401802H1
Camera Cable	1400099H1

Camera system can support up to four cameras



GENUINEPARTS
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