

# PC650LC-11



## PC650LC-11 S/N 80001-UP Excavator

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Lubrication &  
Filtration

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Power Train

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Hydraulic System

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Cooling System

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Undercarriage

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Lighting

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Operation & Comfort

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**KOMATSU**<sup>®</sup>

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**GENUINEPARTS**

*The Difference Matters™*

## LUBRICATION & FILTRATION

### SERVICE REFILL CAPACITIES AND CHANGE INTERVALS

Fuel Tank	232.50 U.S. Gal / 880 ltr
Engine	12.68 U.S. Gal / 48 ltr <i>Premium Engine Oil LA/CJ-4</i>
Swing Drive, each	3.43 U.S. Gal / 13 ltr <i>Powertrain Oil T030 1400504H2 (1 Gal) / 1400505H1 (5 Gal)</i>
PTO Case	1.9 U.S. Gal / 7.2 ltr <i>Powertrain Oil T030 1400504H2 (1 Gal) / 1400505H1 (5 Gal)</i>
Final Drive, each	6.34 U.S. Gal / 24 ltr <i>Powertrain Oil T030 1400504H2 (1 Gal) / 1400505H1 (5 Gal)</i>
Hydraulic Tank	95.11 U.S. Gal / 360 ltr <i>Powertrain Oil T030 1400504H2 (1 Gal) / 1400505H1 (5 Gal)</i> <i>Hydraulic Oil HO46-HM 1400842H1 (5 Gal)</i>
Coolant	20.08 U.S. Gal / 76 ltr <i>SuperCoolant AF-NAC Pre-Mixed 1400164H1 (1 Gal) / 1400166H1 (5 Gal)</i> <i>SuperCoolant AF-NAC concentrate 1400161H1 (1 Gal)</i>
DEF Tank	22.19 U.S. Gal / 84 ltr <i>DEF 1401450H1 (2.5 Gal)</i>

### 500 HOUR

Engine Oil Filter (2)	600-211-1340
Fuel Pre-Filter (1)	600-319-4800

### 1000 HOUR

Hydraulic Oil Filter (1)	209-60-77532 <i>O-ring (1) 07000-15180</i>
Fuel Main Filter (1)	600-319-3841
Hydraulic Tank Breather (2)	421-60-35170
DEF Tank Breather (1)	421-60-35170

### 2000 HOUR

KCCV Filter (1)	600-331-1900
DEF Filter (1)	6540-71-2320

### AS NEEDED

A/C Recirculation Air Filter	2A5-979-1551
A/C Fresh Air Filter	17M-911-3530
Air Cleaner (1)	600-185-6100 <i>Outer Element 600-185-6110</i> <i>O-ring 600-184-1671</i>
Line Filter (2)	07063-21200 <i>O-ring (2) 07000-13038</i> <i>O-ring (2) 07000-12055</i> <i>O-ring (4) 07002-11023</i>
Pilot Strainer (1)	704-28-00751 <i>O-ring (1) 07002-13334</i>
Additional Filter for Breaker (If equipped)	21M-970-1380 <i>O-ring (1) 07000-12011</i> <i>O-ring (1) 07000-12125</i>

## POWER TRAIN

### ENGINE

Engine Model	KOMATSU SAA6D140E-7D
Engine	6263-D0-0010T4
Turbo	6508-12-5030
Turbo Mounting Gasket	6261-11-5850
Cylinder Head Cover Gasket (4)	6217-11-8830

### ENGINE LUBRICATION SYSTEM

Lube Oil Pump	6261-51-2000
Engine Oil Cooler	6261-61-2110

### ENGINE FUEL SYSTEM

Fuel Injector (6)	6262-11-3200 <i>Reman R6262-11-3200</i>
Fuel Supply Pump	6262-71-1100 <i>Reman R6262-71-1100</i>

## ENGINE ELECTRICAL SYSTEM

Alternator, 90A	600-861-9121 <i>Reman RKD90A01</i>
Alternator, 140A	600-825-9420 <i>Reman R600-825-9420</i>
Starter	600-813-9323 <i>Reman 600-813-9323</i>
Alternator Belt	6262-81-6610

## ENGINE COOLING SYSTEM

Engine Water Pump	6261-61-1103 <i>Reman R6261-61-1103</i>
Compressor	21N-979-5280
Battery	
Battery	EP908DFT
Battery Relay Switch	08088-70000

### TIER 4

EGR Valve	6263-41-9100
EGR Cooler Assembly	6252-61-7100
DEF Injector	6540-71-1110
DEF Mixing Tube	6263-11-5851
SCR Assembly	6547-01-0040
KDPF Assembly	6537-01-0040 <i>Reman R6537-01-0040</i>
DEF Pump	6540-71-2510

## FRAME AND FINAL

Final Drive Assembly (LH)	21M-27-00060
Final Drive Assembly (RH)	21M-27-00070
Travel Motor (LH)	706-8L-01120
Travel Motor (RH)	706-8L-01110

## HYDRAULIC SYSTEM

Boom Cylinder (LH and RH)	707-G1-03710 <i>Barrel 721-13-18390</i> <i>Rod 707-58-12660</i> <i>Service Kit 721-98-01360</i>
Arm Cylinder	707-G1-03730 <i>Barrel 707-13-20780</i> <i>Rod 707-58-14630</i> <i>Service Kit 721-98-01370</i>
Bucket Cylinder, 2900 mm	707-G1-04820 <i>Barrel 721-13-18460</i> <i>Rod 707-58-13360</i> <i>Service Kit 721-98-02220</i>
Bucket Cylinder, 4300 mm, 5200 mm, 3500 mm	707-G1-03740 <i>Barrel 721-13-18400</i> <i>Rod 707-58-13340</i> <i>Service Kit 721-98-00220</i>
Swing Circle	21M-25-21101
Swing Motor	706-75-01490
Fan Pump	708-1U-00260
Piston Pump, #1	708-2L-02010
Piston Pump, #2	708-2L-02020
Swivel Joint Assembly	703-09-43202

## COOLING SYSTEM

Grease Pump	21M-98-51110
Radiator Core No.1	21M-03-51110
Radiator Core No.2	21M-03-51120
Oil Cooler Assembly	21M-03-51130
Aftercooler Assembly	21M-03-51140
Engine Water Pump	6261-61-1103 <i>Reman R6261-61-1103</i>
Thermostat	600-421-6630FS
Condenser Assembly	208-979-7520
Oil Cooler Assembly	209-03-41130
Fan Motor	708-7W-00250

## UNDERCARRIAGE

### QUANTITIES SHOWN FOR BOTH SIDES

Front Idler Assembly (2)	21M-30-00302
Bolt (8)	01010-82490
Washer (8)	01643-32460
Track Roller Assembly (18)	21M-30-00102
Bolt (72)	21M-30-15190
Washer (72)	20Y-25-11220
Carrier Roller Assembly (6)	21M-30-00203
Bolt (12)	01010-62070
Washer (12)	01643-32060
Sprocket (2)	21M-27-11220
Bolt (48)	01010-62490
Washer (48)	01643-32460
Track Link Assembly (104 Link Set)	21M-32-00201
600 mm Shoe, Double Grouser (104)	21M-32-11251
600 mm Shoe, Oblong Triple Grouser (104)	21M-32-11110
750 mm Shoe, Oblong Triple Grouser (104)	21M-32-11240
900 mm Shoe, Oblong Triple Grouser (104)	21M-32-11230
Shoe Bolt and Nut Kit (14)	21M-32-05010

## LIGHTING

Bulb, 70W	421-06-23330
Cab Mount, Additional Working Lamp	2A5-06-12431
Cab Mount, Guard Lamp	2A5-06-12491
Cab Mount, Working Lamp	2A5-06-12451
Frame Mounted, Working Lamp	217-06-32810
Boom Mounted, Working Lamp	217-06-32810
Bulb, 10W	08116-02410
Room Lamp	2A5-53-13540

## OPERATION & COMFORT

Air Conditioner	2A5-979-1113
Motor	ND117300-2601
Cooling Assembly	ND443120-1961
Evaporator	ND447610-0630
Heater Core	ND116420-7450
Thermistor	ND100775-8400
Mirror, Rearview (LH and RH)	2A5-54-13420
Travel Alarm	20Y-06-41812
Rearview Camera Assembly (Factory)	7835-33-2001
Horn #1	208-06-71380
Horn #2	208-06-71390
Wiper Blade	20Y-54-39450
Wiper Arm	20Y-54-52350
Wiper Motor	2A5-53-12721
Suspension Seat	2A5-57-11293
Seat Belt	2A5-57-11141
Antenna, Rubber	20Y-06-41990
KOMTRAX Antenna, Cab Top Mount	8A13-10-1320
KOMTRAX Antenna, Cab Side Mount	8A13-10-3130

### AFTERMARKET SYSTEMS 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

# KOMATSU®

## GENUINEPARTS

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