

# KOMATSU

## Genuine Parts

## PC290LL-11 excavator



**Net horsepower:** 196 HP (147 kW) @ 2,050 rpm

**Operating weight:** Varies by application

**Serial numbers:** A29501 and up

## Quick reference parts guide

**Lubrication | Filtration | General maintenance | Hydraulic system | Undercarriage | Operation and comfort | Cooling system | Lighting**

| Lubrication           | Oil type    | Refill capacity |
|-----------------------|-------------|-----------------|
| Engine                | EO15W40-LA  | 6.5 G/24.6 L    |
| Swing machinery case  | TO30        | 1.9 G/7.2 L     |
| Final drive case (LH) | TO30        | 2.11 G/8 L      |
| Final drive case (RH) | TO30        | 2.11 G/8 L      |
| Damper case           | TO30        | 0.17 G/0.65 L   |
| Hydraulic system      | HO56-HE     | 34.9 G/132 L    |
| Cooling system        | AF-NAC      | 9.51 G/36 L     |
| Fuel tank             | Diesel Fuel | -               |
| DEF tank              | DEF         | -               |

| Filtration                 | Part number  | Qty. |
|----------------------------|--------------|------|
| <b>500 hour</b>            |              |      |
| Engine oil filter          | 6736-51-5142 | 1    |
| Pre-fuel filter            | 600-319-3610 | 1    |
| <b>1,000 hour</b>          |              |      |
| Hydraulic oil filter       | 207-60-71183 | 1    |
| O-ring                     | 07000-15195  | 1    |
| Main fuel filter           | 600-319-3750 | 1    |
| Hydraulic tank breather    | 421-60-35170 | 1    |
| DEF tank breather element  | 421-60-35170 | 1    |
| Fuel tank breather element | -            | -    |

| Filtration                        | Part number  | Qty. |
|-----------------------------------|--------------|------|
| <b>2,000 hour</b>                 |              |      |
| DEF filter                        | 6540-71-2320 | 1    |
| KCCV filter                       | 600-331-2900 | 1    |
| <b>As needed</b>                  |              |      |
| Air conditioner RECIRC air filter | 2A5-979-1551 | 1    |
| Air conditioner FRESH air filter  | 17M-911-3530 | 1    |
| Engine air filter                 | 600-185-4100 | 1    |
| <b>Other filters</b>              |              |      |
| Heater Gasket                     | 6754-11-4120 | 2    |

| General maintenance             | Part number  | Qty. |
|---------------------------------|--------------|------|
| <b>Battery</b>                  |              |      |
| Battery                         | EP904D       | 2    |
| Battery relay switch            | 08088-30000  | 1    |
| <b>Engine electrical system</b> |              |      |
| Alternator                      | 600-861-9141 | 1    |
| Starter                         | 600-863-5131 | 1    |
| <b>Tier 4</b>                   |              |      |
| EGR valve                       | 6755-41-9201 | 1    |
| EGR cooler assembly             | 6755-61-7200 | 1    |
| DEF injector                    | 6540-71-1110 | 1    |
| DEF mixing tube                 | 6756-11-5110 | 1    |
| SCR assembly                    | 6544-01-0010 | 1    |
| KDPF assembly                   | 6534-01-0010 | 1    |
| DEF pump                        | 6540-71-2510 | 1    |

| Hydraulic system                            | Part number  | Qty. |
|---------------------------------------------|--------------|------|
| Arm cylinder assembly <i>(Roadbuilder)</i>  | 707-F1-00400 | 1    |
| Rod                                         | 707-58-11740 | 1    |
| Cylinder                                    | 707-13-15540 | 1    |
| Seal kit                                    | 721-98-00420 | 1    |
| Boom cylinder assembly <i>(Roadbuilder)</i> | 707-F1-00390 | 1    |
| Rod                                         | 707-58-10801 | 1    |
| Cylinder                                    | 721-13-14040 | 1    |
| Seal kit                                    | 721-98-00390 | 1    |
| Bucket cylinder assembly                    | 707-E1-00230 | 1    |
| Rod                                         | 721-58-10100 | 1    |
| Cylinder                                    | 721-13-14030 | 1    |
| Seal kit                                    | 721-98-00440 | 1    |
| Swing circle assembly                       | 206-25-00601 | 1    |
| Swivel joint                                | 703-08-33653 | 1    |
| Swing motor assembly                        | 706-7H-01060 | 1    |
| Spacer kit                                  | 706-77-05010 | 1    |
| Arm cylinder assembly <i>(Log Loader)</i>   | 707-58-95370 | 1    |
| Rod                                         | 707-58-12741 | 1    |
| Cylinder                                    | 721-13-18061 | 1    |
| Seal kit                                    | 707-99-76160 | 1    |

| Undercarriage          | Part number  | Qty. |
|------------------------|--------------|------|
| Track link assembly    |              |      |
| Heavy duty             | -            |      |
| PLUS                   | -            |      |
| Conventional           | 207-32-00360 | 1    |
| GC                     | 207-32-07700 | 1    |
| PLUS Fit               | -            |      |
| Idler                  | 207-30-00164 | 2    |
| Track roller           |              |      |
| Conventional           | 207-30-D0610 | 16   |
| PLUS                   | -            |      |
| GC                     | 207-30-07403 | 16   |
| Carrier roller         |              |      |
| Conventional           | 207-30-D0610 | 4    |
| PLUS                   | -            |      |
| Roller bolts           | 01011-82015  | 16   |
| Sprocket               |              |      |
| Conventional           | 207-27-72270 | 2    |
| PLUS                   | -            |      |
| Recoil spring assembly | -            |      |
| Shoe bolt kit          | 207-32-05061 | 13   |

| Operation and comfort                        | Part number  | Qty. |
|----------------------------------------------|--------------|------|
| Operator seat                                | 2A5-57-11293 | 1    |
| Seatbelt                                     | 2A5-57-11141 | 1    |
| Radio                                        | 2A5-06-11922 | 1    |
| Rearview mirror                              | 2A5-54-13421 | 1    |
| Wiper assembly                               | 20Y-54-52221 | 1    |
| Arm                                          | 20Y-54-52350 | 1    |
| Motor                                        | 2A5-53-12721 | 1    |
| Ignition key/switch                          | 08086-50000  | 1    |
| Rubber antenna                               | 8A13-10-2100 | 1    |
| Komatsu antenna 1<br>(Komtrax, if available) | 8A13-10-1320 | 1    |
| Komatsu antenna 2<br>(Komtrax, if available) | -            |      |
| Travel/back-up alarm                         | 20Y-06-41812 | 1    |
| Left horn                                    | 08160-72400  | 1    |
| Right horn                                   | 08160-72420  | 1    |
| Fuel tank cap                                | 20Y-04-11161 | 1    |
| Front window<br>spring assembly              | -            |      |

| Cooling system                | Part number    | Qty. |
|-------------------------------|----------------|------|
| Radiator                      | 2A6-03-A1450   | 1    |
| Cap                           | 2A6-03-A1210   | 1    |
| Oil cooler assembly           | 2A6-03-A1510   | 1    |
| Fuel cooler assembly          | 208-03-71161   | 1    |
| Aftercooler assembly          | 2A6-03-A1610   | 1    |
| Air conditioner assembly      | 2A5-979-1113   | 1    |
| Cooling assembly              | ND443120-1961  | 1    |
| Evaporator                    | ND446010-5360  | 1    |
| Thermistor                    | ND100775-8400  | 1    |
| Condenser                     | KD0-09170-1860 | 1    |
| Compressor                    | -              |      |
| Engine water<br>pump assembly | 6754-61-1211   | 1    |
| Thermostat assembly           | 6751-61-6211   | 1    |
| Cooling fan assembly          | 600-625-7620   | 1    |
| Motor                         | -              |      |
| Belt                          | 6732-82-3360   | 1    |
| Tensioner                     | 6754-61-4111   | 1    |

| Lighting          | Part number  | Qty. |
|-------------------|--------------|------|
| Cab room lamp     | 421-06-26210 | 2    |
| Working lamp      | 2A5-06-A1170 | 1    |
| Rear working lamp | 209-54-44210 | 1    |

| Other lights |
|--------------|
|              |
|              |
|              |
|              |
|              |
|              |

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