

Dynapac CP2100W Tier 4

Parts Book

Service Kits & Lubricants

[CP2100W Tier 4 s/n 10000511xxB005622 - \(digabit.com\)](http://CP2100W Tier 4 s/n 10000511xxB005622 - (digabit.com))

Service Interval	Service Kit Part Number (NO AC	Service Kit Part Number (WITH AOR)
Intital 50 Hour Service Kit	4812317433	4812317433
500 Hour Service Kit	4812325061	4812325062
1000 Hour Service Kit	4812326012	4812326013
2000 Hour Service Kit	4812326012	4812326013

Lubricant	Part Number	Qty 50 Hour Service	Qty 250/500 Hour Service	Qty 1,000 Hour Service	Qty 2,000 Hour Service
Dynapac Engine Oil 200 (5L)	4812161855	2	2	2	2
Dynapac Gear Oil 300 (20L)	4812161884	1	N/A	1	1
Dynapac Coolant 100 (20L)	4812161854	N/A	N/A	N/A	1
Dynapac Hydraulic 300 (20L)	4812161868	N/A	N/A	N/A	5

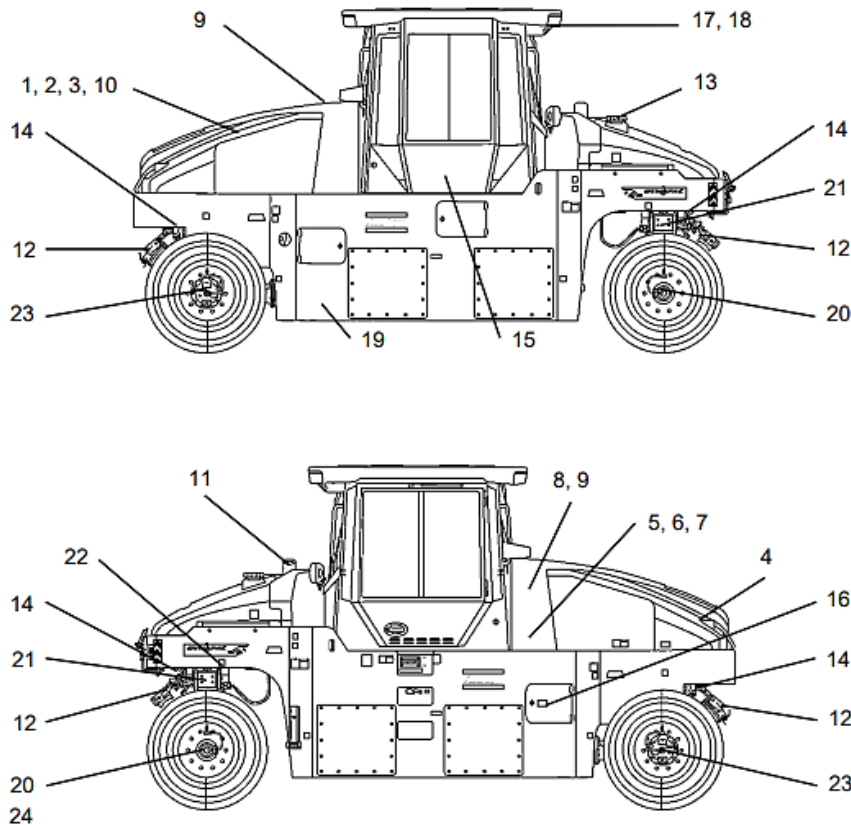


Fig. Service and lubrication points.

- | | | |
|----------------------------|-------------------------|--------------------------|
| 1. Engine oil | 9. Coolant | 17. Cab air filter |
| 2. Oil filter | 10. Engine air filter | 18. Cab air conditioning |
| 3. Fuel filter | 11. Fuel supply | 19. Edge cutter |
| 4. Hydraulic oil filter | 12. Scrapers | 20. Lower pivot bearing |
| 5. Hydraulic oil level | 13. Water supply system | 21. Upper pivot bearing |
| 6. Hydraulic oil supply | 14. Sprinkling system | 22. Pivot bearing |
| 7. Hydraulic oil reservoir | 15. Seat bearing | 23. Wheel gear |
| 8. Hydraulic oil cooler | 16. Battery | 24. Wheel hub |

Service Maintenance Overview



Repair Kit

Dynapac CP2100W Tier 4

Repair Kits

CP2100W		
4812325422 + 4812325423	Scraper Kit + Cocoa Mat Kit	4812325422 4812325423 Scraper kit (digabit.com)
4812155698	Sprinkler Kit	4812155698 Sprinkler kit (digabit.com)
4812155752	AOR Kit Front	4812155752 AOR kit Front (digabit.com)
4812155751	AOR Kit Rear	4812155751 AOR kit Rear (digabit.com)

General Comments

Inspected By: _____ **Signature:** _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.



Service Checklist 10 Hours (Daily)



Dynapac CP2100W Tier 4

Machine Model: _____

Serial Number: _____

Hour Meter Reading: _____

Date of Inspection: _____

Required Service Kits & Lubricants

Nil Required Inspection Only

General Inspection Tasks

Task	OK	Not Ok	Comments
Check Light Functions, Work Lights, Beacon Light, etc.			
Check Function of Window Wipers (if applicable)			
Check Function of Air Conditioner and Heater (if applicable)			
Check Function of Back Up Alarm			
Check Function and Locking of All Doors and Windows (if applicable)			
Check Condition of Seat Belt and Mechanisms			
Check Function of Steering System			
Check Function of All Switches, Gauges and Indicators			
Check All Systems and Functions Operate as Per Operators Manual			
Check Evidence of Leaks in Systems			
Check Scraper Position and Adjustment			
Check Sprinkler System Function			
Check & Clean Free Circulation of Cooling Air			
Check Function of Brake System			
Check Tyre Pressure			
Check Level Engine Oil			
Check Level Hydraulic Oil			
Check Level Coolant			
Check Main Engine Air Filter Element			
Check Safety Engine Air Filter Element			

General Comments

Inspected By: _____

Signature: _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.



Service Checklist First 50 Hours



Dynapac CP2100W Tier 4

Machine Model: _____

Serial Number: _____

Hour Meter Reading: _____

Date of Inspection: _____

Required Service Kits & Lubricants

Description	Part Number	Qty
Initial 50 Hour Service Kit	4812317433	1
Dynapac Engine Oil 200 (5L)	4812161855	2
Dynapac Gear Oil 300 (20L)	4812161884	1

General Inspection Tasks

Task	OK	Not Ok	Comments
Check Light Functions, Work Lights, Beacon Light, etc.			
Check Function of Window Wipers (if applicable)			
Check Function of Air Conditioner and Heater (if applicable)			
Check Function of Back Up Alarm			
Check Function and Locking of All Doors and Windows (if applicable)			
Check Condition of Seat Belt and Mechanisms			
Check Function of Steering System			
Check Function of All Switches, Gauges and Indicators			
Check All Systems and Functions Operate as Per Operators Manual			
Check Evidence of Leaks in Systems			
Check Scraper Position and Adjustment			
Check Sprinkler System Function			
Check & Clean Free Circulation of Cooling Air			
Check Function of Brake System			
Check Tyre Pressure			
Check Wheel Nut Tension			
Check Cab Mount Rubbers			
Check & Clean Battery Condition			
Check Level Hydraulic Oil			
Check Level Coolant			
Check Main Engine Air Filter Element			
Check Safety Engine Air Filter Element			

Maintenance Tasks

Task	Completed (mark with X)	Comments
Replace Engine Oil		
Replace Rear T Drive Gearbox (Left & Right)		
Replace Fuel Filter		
Replace Fuel Pre-Filter		
Replace Engine Oil Filter		



Service Checklist First 50 Hours



Task Continued	Completed (mark with X)	Comments
Replace Hydraulic Oil Filter		
Grease Lower Pivot Bearings		
Grease Upper Pivot Bearing		

General Comments

Completed By: _____

Signature: _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.



Service Checklist 250 Hours



Dynapac CP2100W Tier 4

Machine Model: _____

Serial Number: _____

Hour Meter Reading: _____

Date of Inspection: _____

Required Service Kits & Lubricants

Description	Part Number	Qty
Dynapac Engine Oil 200 (5L)	4812161855	2

General Inspection Tasks

Task	OK	Not Ok	Comments
Check Light Functions, Work Lights, Beacon Light, etc.			
Check Function of Window Wipers (if applicable)			
Check Function of Air Conditioner and Heater (if applicable)			
Check Function of Back Up Alarm			
Check Function and Locking of All Doors and Windows (if applicable)			
Check Condition of Seat Belt and Mechanisms			
Check Function of Steering System			
Check Function of All Switches, Gauges and Indicators			
Check All Systems and Functions Operate as Per Operators Manual			
Check Evidence of Leaks in Systems			
Check Scraper Position and Adjustment			
Check Sprinkler System Function			
Check & Clean Free Circulation of Cooling Air			
Check Function of Brake System			
Check Tyre Pressure			
Check Wheel Nut Tension			
Check Cab Mount Rubbers			
Check & Clean Battery Condition			
Check Level Hydraulic Oil			
Check Level Coolant			
Check Main Engine Air Filter Element			
Check Safety Engine Air Filter Element			

Maintenance Tasks

Task	Completed (mark with X)	Comments
Replace Engine Oil		
Replace Engine Oil Filter		
Grease Controls and Joints		
Grease Lower Pivot Bearings		



Service Checklist 250 Hours



Task Continued	Completed (mark with X)	Comments
Grease Upper Pivot Bearing		
Check Cab Air Filter, Replace as Required		
Replace Air Dryer Filter (AOR ONLY)		

General Comments

Inspected By: _____

Signature: _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.



Service Checklist 500 Hours



Dynapac CP2100W Tier 4

Machine Model: _____

Serial Number: _____

Hour Meter Reading: _____

Date of Inspection: _____

Required Service Kits & Lubricants

Description	Part Number	Qty
500 Hour Service Kit	4812325061 (No AOR)	1
	4812325062 (With AOR)	
Dynapac Engine Oil 200 (5L)	4812161855	2

General Inspection Tasks

Task	OK	Not Ok	Comments
Check Light Functions, Work Lights, Beacon Light, etc.			
Check Function of Window Wipers (if applicable)			
Check Function of Air Conditioner and Heater (if applicable)			
Check Function of Back Up Alarm			
Check Function and Locking of All Doors and Windows (if applicable)			
Check Condition of Seat Belt and Mechanisms			
Check Function of Steering System			
Check Function of All Switches, Gauges and Indicators			
Check All Systems and Functions Operate as Per Operators			
Check Evidence of Leaks in Systems			
Check Scraper Position and Adjustment			
Check Sprinkler System Function			
Check&Clean Free Circulation of Cooling Air			
Check Function of Brake System			
Check Tyre Pressure			
Check Wheel Nut Tension			
Check Cab Mount Rubbers			
Check&Clean Battery Condition			
Check Level Hydraulic Oil			
Check Level Coolant			
Check/Replace Main Engine Air Filter Element			
Check/Replace Safety Engine Air Filter Element			

Maintenance Tasks

Task	Completed (mark with X)	Comments
Replace Engine Oil		
Replace Fuel Filter		
Replace Fuel Pre-Filter		
Replace Engine Oil Filter		



Service Checklist 500 Hours



Task Continued	Completed (mark with X)		Comments			
Grease Controls and Joints						
Grease Seat Bearing/Steering Chain						
Grease Lower Pivot Bearings						
Grease Upper Pivot Bearing						
Check Cab Air Filter, Replace as Required (Optional)						
Replace Air Dryer Filter (AOR ONLY)						

General Comments

Inspected By: _____

Signature: _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.



Service Checklist 1,000 Hours



Dynapac CP2100W Tier 4

Machine Model: _____

Serial Number: _____

Hour Meter Reading: _____

Date of Inspection: _____

Required Service Kits & Lubricants

Description	Part Number	Qty
1000 Hour Service Kit	4812326012 (No AOR)	1
	4812326013 (With AOR)	
Dynapac Engine Oil 200 (5L)	4812161855	2
Dynapac Gear Oil 300 (5L)	4812161884	1
Cabin Air Filter	4700395818	1

General Inspection Tasks

Task	OK	Not Ok	Comments
Check Light Functions, Work Lights, Beacon Light, etc.			
Check Function of Window Wipers (if applicable)			
Check Function of Air Conditioner and Heater (if applicable)			
Check Function of Back Up Alarm			
Check Function and Locking of All Doors and Windows (if			
Check Condition of Seat Belt and Mechanisms			
Check Function of Steering System			
Check Function of All Switches, Gauges and Indicators			
Check All Systems and Functions Operate as Per Operators			
Check Evidence of Leaks in Systems			
Check Scraper Position and Adjustment			
Check Sprinkler System Function			
Check&Clean Free Circulation of Cooling Air			
Check Function of Brake System			
Check Tyre Pressure			
Check Wheel Nut Tension			
Check Cab Mount Rubbers			
Check&Clean Battery Condition			
Check Level Hydraulic Oil			
Check Level Coolant			

Maintenance Tasks

Task	Completed (mark with X)	Comments
Replace Engine Oil		
Replace Rear T Drive Gearbox (Left & Right)		
Replace Fuel Filter		
Replace Fuel Pre-Filter		
Replace Engine Oil Filter		
Replace Hydraulic Oil Filter		
Replace Main Engine Air Filter Element		



Service Checklist 1,000 Hours



Task Continued	Completed (mark with X)	Comments
Replace Safety Engine Air Filter Element		
Replace Breather Filter on Hydraulic Reservoir		
Grease Controls and Joints		
Grease Seat Bearing/Steering Chain		
Grease Lower Pivot Bearings		
Grease Upper Pivot Bearing		
Drain Condensate in Hydraulic Reservoir		
Drain Condensate in Fuel Tank		
Check Cab Air Filter, Replace as Required		
Replace Air Dryer Filter		
Check Engine Drive Belt		
Check Engine Valve Clearance		

General Comments

Inspected By: _____

Signature: _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.



Service Checklist 2,000 Hours



Dynapac CP2100W Tier 4

Machine Model: _____

Serial Number: _____

Hour Meter Reading: _____

Date of Inspection: _____

Required Service Kits & Lubricants

Description	Part Number	Qty
2000 Hour Service Kit	4812326012 (No AOR)	1
	4812326013 (With AOR)	
Dynapac Engine Oil 200 (5L)	4812161855	2
Dynapac Gear Oil 300 (5L)	4812161884	1
Cabin Air Filter	4700395818	1
Dynapac Coolant 100 (20L)	4812161854	1
Dynapac Hydraulic 300 (20L)	4812161868	5

General Inspections

Task	OK	Not Ok	Comments
Check Light Functions, Work Lights, Beacon Light, etc.			
Check Function of Window Wipers (if applicable)			
Check Function of Air Conditioner and Heater (if applicable)			
Check Function of Back Up Alarm			
Check Function and Locking of All Doors and Windows (if applicable)			
Check Condition of Seat Belt and Mechanisms			
Check Function of Steering System			
Check Function of All Switches, Gauges and Indicators			
Check All Systems and Functions Operate as Per Operators Manual			
Check Evidence of Leaks in Systems			
Check Scraper Position and Adjustment			
Check Sprinkler System Function			
Check & Clean Free Circulation of Cooling Air			
Check Function of Brake System			
Check Tyre Pressure			
Check Wheel Nut Tension			
Check Cab Mount Rubbers			
Check & Clean Battery Condition			

Maintenance Tasks

Task	Completed (mark with X)	Comments
Replace Engine Oil		
Replace Hydraulic Oil		
Replace Coolant		
Replace Rear T Drive Gearbox (Left & Right)		
Replace Fuel Filter		
Replace Fuel Pre-Filter		



Service Checklist 2,000 Hours



Task Continued	Completed (mark with X)	Comments
Replace Engine Oil Filter		
Replace Hydraulic Oil Filter		
Replace Main Engine Air Filter Element		
Replace Safety Engine Air Filter Element		
Replace Breather Filter on Hydraulic Reservoir		
Grease Controls and Joints		
Grease Seat Bearing/Steering Chain		
Grease Lower Pivot Bearings		
Grease Upper Pivot Bearing		
Drain Condensate in Hydraulic Reservoir		
Drain Condensate in Fuel Tank		
Drain&Clean Water Tank		
Clean Sprinkler System		
Check Cab Air Filter, Replace as Required		
Replace Air Dryer Filter (AOR ONLY)		
Check Engine Drive Belt		
Check Engine Valve Clearance		
Assess Overhaul Air Conditioning (Optional)		

General Comments

Inspected By: _____

Signature: _____

To be used as a reference only, always refer to the applicable Operators & Maintenance manual for confirm of correct service kits, lubricants and inspection tasks.

