

Shop Manual

HYDRAULIC
EXCAVATOR

PC240LC-11

SERIAL NUMBERS 95321 and up

KOMATSU

00 Index and Foreword

Index

00 Index and Foreword	00-1
Abbreviation List	00-19
Foreword, Safety, Basic Information	00-22
How to Read the Shop Manual	00-22
Safety Notice for Operation	00-24
Precautions to Prevent Fire	00-32
Procedures If Fire Occurs	00-34
Precautions When You Discard Waste Materials	00-35
Procedures for Exhaust Gas Regulations	00-36
Precautions for DEF	00-37
Store DEF	00-38
Precautions When You Handle Hydraulic Equipment	00-39
Precautions When You Disconnect and Connect Pipings	00-42
Precautions When You Handle Electrical Equipment	00-49
Precautions When You Handle Fuel System Equipment	00-51
Precautions When You Handle Intake System Equipment	00-52
Practical Use of KOMTRAX	00-53
Disconnect and Connect Push-Pull Type Coupler	00-54
Precautions for Disconnection and Connection of Connectors	00-58
Disconnect and Connect Deutsch Connector	00-62
How to Disconnect and Connect Slide Lock Type Connector	00-63
Disconnect and Connect Connector with Lock to Pull	00-65
Disconnect and Connect Connector with Lock to Push	00-66
Disconnect and Connect Connector with Housing to Rotate	00-68
How to Read the Codes for Electric Cable	00-69
Explanation of Terms for Maintenance Standard	00-73
Standard Tightening Torque Table	00-76
Conversion Table	00-83
01 Specification	01-1
Table of Contents	01-2
Specifications	01-3
Specification Drawing	01-3
Working Range Drawings	01-5
Specifications	01-6
Weight Table	01-9
Table of Fuel, Coolant, and Lubricants	01-11
10 Structure and Function	10-1
Table of Contents	10-2
Urea SCR System	10-5
Layout Drawing of Urea SCR System	10-6
Urea SCR System Diagram	10-11
Function of Urea SCR System	10-12
Component Parts of Urea SCR System	10-28
Boot-up System	10-37
Layout Drawing of Boot-up System	10-37
System Operating Lamp System	10-39
Battery Isolator	10-41
Engine System	10-42
Layout Drawing of Engine System	10-42
Engine Control System	10-44
Auto-Deceleration System	10-48
Engine Automatic Warm-up System	10-50
Overheat Prevention System	10-52
Turbocharger Protection System	10-55
Automatic Idle Stop System	10-57
Component Parts of Engine System	10-60

Cooling System.....	10-78
Layout Drawing of Cooling System	10-78
Control System	10-80
Layout Drawing of Control System	10-80
Machine Monitor System.....	10-83
KomVision System.....	10-84
KOMTRAX System	10-88
Component Parts of Control System	10-89
Hydraulic System	10-123
Layout Drawing of Hydraulic System.....	10-123
CLSS	10-129
Engine and Pump Combined Control System	10-151
Pump and Valve Control System.....	10-157
Component Parts of Hydraulic System.....	10-160
Work Equipment System.....	10-249
Layout Drawing of Work Equipment System	10-249
Structure of Valve Control	10-254
One-Touch Power Maximizing System	10-256
PPC Lock System	10-258
Work Equipment and Travel Automatic Lock System	10-259
Attachment Oil Flow Adjuster System	10-261
Tool Control System.....	10-263
Component Parts of Work Equipment System	10-265
Swing System	10-297
Layout Drawing of Swing System.....	10-297
Swing Control System Diagram	10-301
Component Parts of Swing System.....	10-305
Travel System	10-319
Layout Drawing of Travel System.....	10-319
System Diagram of Travel Control System.....	10-323
Component Parts of Travel System.....	10-325
Undercarriage and Frame	10-346
Layout Drawing of Undercarriage.....	10-346
Work Equipment	10-348
Structure of Work Equipment	10-348
Function of Work Equipment.....	10-349
Work Equipment Clearance Adjustment Shim.....	10-350
Bucket Clearance Adjustment Shim	10-351
CAB Related Parts.....	10-352
ROPS CAB	10-352
CAB Mount	10-353
CAB Tipping Stopper	10-354
20 Standard Value Table	20-1
Table of Contents	20-2
Standard Value Table for Engine	20-3
Standard Value Table for Engine: PC240LC-11	20-3
Standard Value Table for Machine.....	20-7
Standard Value Table for Machine: PC240LC-11.....	20-7
Machine Posture and Procedures to Measure Performance	20-20
Standard Value Table for Electricity.....	20-24
Standard Value Table for Electricity.....	20-24
30 Testing and Adjusting	30-1
Table of Contents	30-2
Precautions Before Work	30-5
Related Information on Testing and Adjusting	30-6
Tools for Testing and Adjusting.....	30-6
Sketch of Tools for Testing and Adjusting	30-13
Engine and Cooling System	30-15

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$