

Shop Manual

WHEEL LOADER

WA480-8

SERIAL NUMBERS 100001 and up

KOMATSU

00 Index and Foreword

Index

00 Index and Foreword	00-1
Abbreviation List	00-27
Foreword, Safety, Basic Information	00-33
How to Read the Shop Manual	00-33
Safety Notice for Operation	00-35
Precautions to Prevent Fire	00-43
Procedures If Fire Occurs	00-45
Precautions for Disposing of Waste Materials	00-46
Procedures for Exhaust Gas Regulations	00-47
Precautions for DEF	00-48
Store DEF	00-49
Precautions When You Handle Hydraulic Equipment	00-50
Precautions When You Disconnect and Connect Pipings	00-53
Precautions When You Handle Electrical Equipment	00-60
Precautions When You Handle Fuel System Equipment	00-62
Precautions When You Handle Intake System Equipment	00-63
Practical Use of KOMTRAX	00-64
Disconnect and Connect Push-Pull Type Coupler	00-65
Precautions for Disconnection and Connection of Connectors	00-69
How to Disconnect and Connect Deutsch Connector	00-73
How to Disconnect and Connect Slide Lock Type Connector	00-74
How to Disconnect and Connect Connector with Lock to Pull	00-76
How to Disconnect and Connect Connector with Lock to Push	00-77
How to Disconnect and Connect Connector with Housing to Rotate	00-79
How to Read the Codes for Electric Cable	00-80
Explanation of Terms for Maintenance Standard	00-84
Standard Tightening Torque Table	00-87
Conversion Table	00-94
01 Specifications	01-1
Table of Contents	01-2
Abbreviation List	01-3
Specifications	01-9
Specification Drawing	01-9
Specifications	01-11
Weight Table	01-17
Fuel, Coolant, Lubricants (For North America)	01-19
Fuel, Coolant, Lubricants (For European Union)	01-21
10 Structure and Function	10-1
Table of Contents	10-2
Abbreviation List	10-7
Urea SCR System	10-13
Layout Drawing of Urea SCR System	10-13
Urea SCR System Diagram	10-15
Function of Urea SCR System	10-16
Component Parts of Urea SCR System	10-33
Boot-up System	10-42
Layout Drawing of Boot-up System (Machine with KOMTRAX Terminal)	10-42
Layout Drawing of Boot-up System (Machine with Gateway Function Controller)	10-44
System Operating Lamp System	10-46
Battery Disconnect Switch	10-49
Preheating System	10-50
Engine System	10-52
Layout Drawing of Engine System	10-52
Engine Control System	10-54
Engine Power Mode Selector System	10-60
Automatic Idle Stop System	10-62

Component Parts of Engine System	10-63
Cooling System.....	10-80
Layout Drawing of Cooling System	10-80
Cooling Fan Control System	10-82
Component Parts of Cooling System	10-87
Control System	10-101
Layout Drawing of Control System (Machine with KOMTRAX Terminal)	10-101
Layout Drawing of Control System (Machine with Gateway Function Controller)	10-103
Machine Monitor System.....	10-105
Rearview Monitor System	10-107
KOMTRAX System	10-108
Load Meter System.....	10-110
Component Parts of Control System	10-117
Hydraulic System	10-175
Layout Drawing of Hydraulic System.....	10-175
CLSS	10-176
Work Equipment Pump and Steering Pump Control System	10-180
Component Parts of Hydraulic System.....	10-181
Power Train System.....	10-251
Layout Drawing of Power Train System	10-251
Operation of Power Train System	10-254
Transmission Control System.....	10-255
Transmission Gear Shift Control System.....	10-257
Transmission Protection Function	10-263
Directional Selector Switch Control Function.....	10-266
Transmission Cut-off Function.....	10-268
Component Parts of Power Train System.....	10-270
Work Equipment System.....	10-331
Layout Drawing of Work Equipment System	10-331
Work Equipment System Diagram (Applicable Machine: 100001 to 101011)	10-333
Work Equipment System Diagram (Applicable Machine: 101012 and Up)	10-335
Work Equipment Control System	10-337
Work Equipment Neutral Lock System	10-341
Remote Positioner System.....	10-343
Bucket Positioner and Boom Positioner	10-348
Auto-Digging System	10-349
ECSS	10-351
Component Parts of Work Equipment System	10-353
Steering System.....	10-361
Layout Drawing of Steering System	10-361
Secondary Steering System.....	10-364
AJSS.....	10-366
Steering Column	10-372
Component Parts of Steering System	10-373
Brake System.....	10-397
Layout Drawing of Brake System	10-397
Parking Brake Control System	10-402
Brake Cooling Control System	10-404
Component Parts of Brake System	10-407
Auto-Greasing System	10-438
Layout Drawing of Auto-Greasing System.....	10-438
Specifications of Auto-Greasing System	10-439
Function of Auto-Greasing System.....	10-441
Auto-Greasing System	10-442
Undercarriage and Frame	10-443
Frame, Axle Mount and Center Hinge Pin	10-443
Tires.....	10-445
Work Equipment	10-447

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

<https://shopservicemanual.com/>

Service Manuals from 2\$