

Shop Manual

WHEEL LOADER

WA800-8E0

WA900-8E0

SERIAL NUMBERS

WA800-83001

WA900-93001

and up

KOMATSU

00 Index and Foreword

Index

00 Index and Foreword	00-1
Foreword, Safety, Basic Information	00-25
How to Read the Shop Manual	00-25
Safety Notice for Operation	00-27
Precautions to Prevent Fire	00-35
Procedures If Fire Occurs	00-37
Precautions When You Dispose of Waste Materials	00-38
Engine Technology to Conform Exhaust Gas Emission	00-39
Precautions When You Handle Hydraulic Equipment	00-40
Precautions When You Disconnect and Connect Pipings	00-43
Precautions When You Handle Electrical Equipment	00-50
Precautions When You Handle Fuel System Equipment	00-52
Precautions When You Handle Intake System Equipment	00-53
Practical Use of KOMTRAX	00-54
Disconnect and Connect Push-Pull Type Coupler	00-55
Precautions for Disconnection and Connection of Connectors	00-59
How to Disconnect and Connect Deutsch Connector	00-63
How to Disconnect and Connect Slide Lock Type Connector	00-64
How to Disconnect and Connect Connector with Lock to Pull	00-66
How to Disconnect and Connect Connector with Lock to Push	00-67
How to Disconnect and Connect Connector with Housing to Rotate	00-69
Standard Tightening Torque Table	00-70
Conversion Table	00-77
Abbreviation List	00-82
01 Specifications	01-1
Table of Contents	01-2
Specifications	01-3
Specification Drawing	01-3
Specifications	01-7
Weight Table	01-17
Fuel, Coolant, Lubricant	01-21
10 Structure and Function	10-1
Table of Contents	10-2
NOx Control System	10-8
Function of NOx Control System	10-8
Boot-up System	10-11
Layout Drawing of Boot-up System	10-11
Pre-lubrication System	10-13
System Operating Lamp System	10-17
Battery Disconnect Switch	10-18
Starting Motor Disconnect Switch	10-19
Preheating System	10-20
Engine Shutdown Secondary Switch	10-22
Emergency Engine Stop Switch	10-23
External Power Supply Engine Preheater	10-24
Engine System	10-25
Layout Drawing of Engine System	10-25
Engine Control System	10-27
Engine Power Mode Selector System	10-30
Automatic Idle Stop System	10-31
RPM Set	10-32
Component Parts of Engine System	10-34
Cooling System	10-56
Layout Drawing of Cooling System	10-56
Cooling Fan Control System	10-59
Component Parts of Cooling System	10-63

Control System	10-78
Layout Drawing of Control System	10-78
Machine Monitor System.....	10-80
Rearview Monitor System	10-82
KOMTRAX Plus System	10-83
Load Meter System.....	10-85
Machine Lock-out System.....	10-91
Component Parts of Control System	10-93
Hydraulic System	10-156
Layout Drawing of Hydraulic System.....	10-156
CLSS	10-157
Work Equipment Pump Control System	10-160
Steering Pump Control System.....	10-162
Component Parts of Hydraulic System.....	10-163
Power Train System.....	10-244
Layout Drawing of Power Train System	10-244
Transmission Control System.....	10-248
Transmission Gear Shift Control System.....	10-250
Transmission Protection Function	10-255
Tire Slip Control System.....	10-259
Component Parts of Power Train System.....	10-261
Work Equipment System.....	10-319
Layout Drawing of Work Equipment System	10-319
Work Equipment System Diagram	10-321
Work Equipment Control System	10-323
Work Equipment Neutral Lock System	10-330
Remote Positioner System.....	10-332
Bucket Positioner and Boom Positioner	10-337
Auto-Digging System	10-338
Semi-Auto Approach System	10-340
Semi-Auto Dump System	10-341
ECSS.....	10-343
Wall Digging Prevention Control System	10-345
Component Parts of Work Equipment System	10-347
Steering System.....	10-353
Layout Drawing of Steering System	10-353
Secondary Steering System.....	10-354
AJSS.....	10-355
Steering Lock System	10-362
Component Parts of Steering System	10-363
Brake System.....	10-391
Layout Drawing of Brake System	10-391
Parking Brake Control System	10-394
Component Parts of Brake System	10-396
Auto-Greasing System	10-416
Layout Drawing of Auto-Greasing System.....	10-416
Auto-Greasing System Diagram.....	10-419
Specifications of Auto-Greasing System	10-420
Function of Auto-Greasing System.....	10-421
Auto-Greasing System	10-422
Lifting System	10-427
Power Ladder System.....	10-427
Power Ladder System.....	10-431
Undercarriage and Frame	10-436
Frame, Axle Mount and Hinge Pin.....	10-436
Structure of Lubrication System for Undercarriage.....	10-439
Service Center	10-440
Tires.....	10-444

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

<https://shopservicemanual.com/>

Service Manuals from 2\$