

Shop Manual

WHEEL LOADER

WA600-8

SERIAL NUMBERS 80001 and up

KOMATSU

00 Index and Foreword

Index

00 Index and Foreword	00-1
Abbreviation List	00-26
Foreword, Safety, Basic Information.....	00-32
How to Read the Shop Manual	00-32
Safety Notice for Operation	00-34
Precautions to Prevent Fire.....	00-42
Procedures If Fire Occurs	00-43
Precautions for Disposing of Waste Materials	00-43
Procedures for Exhaust Gas Regulations.....	00-44
Precautions for DEF.....	00-45
Store DEF	00-46
Precautions When You Handle Hydraulic Equipment.....	00-47
Precautions When You Disconnect and Connect Pipings.....	00-50
Precautions When You Handle Electrical Equipment	00-57
Precautions When You Handle Fuel System Equipment	00-59
Precautions When You Handle Intake System Equipment	00-60
Practical Use of KOMTRAX	00-61
Disconnect and Connect Push-Pull Type Coupler	00-62
Precautions for Disconnection and Connection of Connectors	00-66
How to Disconnect and Connect Deutsch Connector	00-70
How to Disconnect and Connect Slide Lock Type Connector	00-71
How to Disconnect and Connect Connector with Lock to Pull	00-72
How to Disconnect and Connect Connector with Lock to Push	00-73
How to Disconnect and Connect Connector with Housing to Rotate	00-75
How to Read the Codes for Electric Cable	00-76
Explanation of Terms for Maintenance Standard	00-80
Standard Tightening Torque Table.....	00-83
Conversion Table	00-90
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	01-16
Fuel, Coolant, Lubricant.....	01-18
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	10-18
Function of Urea SCR System	10-20
Component Parts of Urea SCR System	10-36
Boot-up System	10-46
Layout Drawing of Boot-up System	10-46
Layout Drawing of Boot-up System (For Emergency Engine Stop Switch Spec)	10-48
System Operating Lamp System.....	10-50
Battery Disconnect Switch.....	10-52
Preheating System.....	10-54
Engine Shutdown Secondary Switch.....	10-56
Engine System	10-58
Layout Drawing of Engine System	10-58
Engine Control System	10-60
Engine Power Mode Selector System	10-64
Automatic Idle Stop System	10-65

RPM Set	10-66
Component Parts of Engine System	10-68
Cooling System.....	10-88
Layout Drawing of Cooling System	10-88
Cooling Fan Control System	10-91
Component Parts of Cooling System	10-95
Control System	10-113
Layout Drawing of Control System	10-113
Machine Monitor System.....	10-115
Rearview Monitor System	10-117
KOMTRAX Plus System	10-118
Load Meter System.....	10-120
Component Parts of Control System	10-126
Hydraulic System	10-192
Layout Drawing of Hydraulic System.....	10-192
CLSS	10-193
Work Equipment Pump Control System	10-197
Component Parts of Hydraulic System.....	10-199
Power Train System.....	10-271
Layout Drawing of Power Train System	10-271
Operation of Power Train System	10-275
Transmission Control System.....	10-276
Transmission Gear Shift Control System.....	10-280
Transmission Protection Function	10-286
Component Parts of Power Train System.....	10-291
Work Equipment System.....	10-364
Layout Drawing of Work Equipment System	10-364
Work Equipment System Diagram	10-366
Work Equipment Control System	10-368
Work Equipment Neutral Lock System	10-376
Remote Positioner System	10-378
Bucket Positioner and Boom Positioner	10-383
Auto-Digging System	10-384
ECSS	10-386
Component Parts of Work Equipment System	10-388
Steering System.....	10-394
Layout Drawing of Steering System	10-394
AJSS.....	10-396
Steering Column	10-404
Component Parts of Steering System	10-405
Brake System.....	10-437
Layout Drawing of Brake System	10-437
Parking Brake Control System	10-440
Component Parts of Brake System	10-442
Undercarriage and Frame	10-464
Frame, Axle Mount and Center Hinge Pin	10-464
Tires	10-467
Work Equipment	10-469
Structure of Work Equipment	10-469
Structure of Bucket.....	10-470
Structure of Lubrication System for Work Equipment	10-471
CAB Related Parts	10-473
ROPS CAB	10-473
20 Standard Value Table	20-1
Table of Contents	20-2
Abbreviation List	20-3
Standard Value Table for Engine	20-9
Standard Value Table for Engine: WA600-8	20-9

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

<https://shopservicemanual.com/>

Service Manuals from 2\$