

Shop Manual

WHEEL LOADER

WA1200-6

SERIAL NUMBERS 70001 and up

KOMATSU

SHOP MANUAL

WHEEL LOADER

WA1200-6



Machine model Serial number

WA1200-6 70001 and up

00 Index and foreword

Table of Contents

00 Index and foreword	
Table of Contents.....	00- 2
Foreword and general information	00- 16
Safety notice	00- 16
How to read the shop manual	00- 21
Explanation of terms for maintenance standard	00- 23
Handling of hydraulic components	00- 25
Method of disconnecting and connecting push-pull type coupler	00- 27
Handling of electric equipment.....	00- 30
How to read electric wire code.....	00- 40
Precautions when performing work.....	00- 43
Standard tightening torque table.....	00- 46
List of abbreviation.....	00- 50
Conversion table	00- 54
01 Specification	
Specification.....	01- 3
Specification dimension drawing.....	01- 3
Specifications.....	01- 4
Weight table	01- 7
Table of fuel, coolant and lubricants	01- 9
10 Structure and function	
Engine and cooling system.....	10- 4
Damper	10- 4
Cooling system	10- 5
Cooling fan motor.....	10- 6
Power train.....	10- 11
Power train.....	10- 11
Hydraulic piping drawing of torque converter and transmission	10- 13
Torque converter.....	10- 14
Main relief valve and torque converter relief valve.....	10- 24
Torque converter regulator valve	10- 27
ECMV.....	10- 29
Transmission.....	10- 36
Transmission control valve	10- 46
Transmission lubricating oil relief valve	10- 56
Transfer.....	10- 57
Torque converter oil cooler	10- 59
Center support	10- 60
Axe	10- 61
Final drive	10- 67
Steering system	10- 68
Steering equipment layout drawing.....	10- 68
AJSS	10- 69
Steering pump.....	10- 70
Switch pump	10- 72
Steering demand valve	10- 90
Rotary valve	10- 100
EPC valve (for steering).....	10- 103
Diverter valve	10- 104

Emergency steering relief valve.....	10- 107
Steering lock valve.....	10- 108
Brake system	10- 109
Brake equipment layout drawing	10- 109
Brake valve	10- 110
Charge valve.....	10- 116
Accumulator (for brake)	10- 120
Slack adjuster	10- 121
Brake	10- 123
Parking brake.....	10- 124
Parking brake solenoid valve.....	10- 125
Emergency parking brake release valve.....	10- 126
Check valve of parking brake circuit	10- 127
Undercarriage and frame	10- 130
Axe mount.....	10- 130
Center hinge pin	10- 132
Jack-up point	10- 133
Hydraulic system	10- 134
Hydraulic piping layout drawing	10- 134
Work equipment control lever linkage.....	10- 136
Hydraulic tank	10- 137
Work equipment pump No.1	10- 141
Work equipment pump No.2	10- 154
EPC valve (for work equipment)	10- 178
Neutral cutoff solenoid valve (NC valve).....	10- 180
Relief valve	10- 182
Accumulator (for EPC valve)	10- 183
Work equipment control valve	10- 184
Work equipment.....	10- 198
Work equipment linkage	10- 198
Electrical system.....	10- 200
Machine monitor system.....	10- 200
Multi-function monitor	10- 228
Work equipment and AJSS control system	10- 282
Work equipment control lever	10- 318
Transmission control system	10- 321
Engine starting circuit	10- 347
Engine stopping circuit.....	10- 349
Electric parking brake control	10- 353
Sensor	10- 363
 20 Standard value table	
Standard value table.....	20- 3
Standard value table for engine.....	20- 3
Standard value table for chassis.....	20- 4
 30 Testing and adjusting	
Precautions Before Work.....	30- 3-1
Tool for testing, adjusting and troubleshooting	30- 4
Tools for testing, adjusting, and troubleshooting	30- 4
Safety precautions to follow before starting work	30- 9
Engine and cooling system	30- 13
Testing engine speed	30- 13
Testing exhaust gas color.....	30- 15

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

<https://shopservicemanual.com/>

Service Manuals from 2\$