

Shop Manual

WHEEL LOADER

WA380-7

SERIAL NUMBERS 10001 and up

KOMATSU

SHOP MANUAL

WHEEL LOADER

WA380-7

Model Serial Number

WA380-7 10001 and up

00 Index and foreword

Index

00 Index and foreword	00-1
Index	00-2
Foreword, safety and general information	00-18
Important safety notice	00-18
How to read the shop manual	00-25
Explanation of terms for maintenance standard	00-27
Handling equipment of fuel system devices	00-29
Handling of intake system parts	00-30
Handling of hydraulic equipment	00-31
Method of disconnecting and connecting of push-pull type coupler	00-33
Handling of electrical equipment	00-36
How to read electric wire code	00-44
Precautions when performing operation	00-47
Practical use of KOMTRAX	00-52
Standard tightening torque table	00-53
List of abbreviation	00-59
Conversion table	00-64
01 Specification	01-1
Table of contents	01-2
Specifications	01-3
Specification drawing	01-3
Specification	01-5
Weight table	01-11
Table of fuel, coolant and lubricants	01-13
10 Structure and function	10-1
Table of contents	10-2
Engine and cooling system	10-4
Engine related parts	10-4
KVTG	10-6
EGR system piping drawing	10-13
EGR system circuit diagram	10-15
EGR valve	10-17
EGR cooler	10-19
KCCV layout drawing	10-20
KCCV ventilator	10-22
KDPF	10-24
Cooling system	10-28
Cooling fan pump	10-31
Cooling fan motor	10-40
Power train	10-48
Power train system	10-48
Drive shaft	10-51
Power train piping drawing	10-52
Transmission control	10-53
Torque converter	10-55
Transmission	10-60
Transmission control valve	10-79
Forward and reverse clutch ECMV and gear speed clutch ECMV	10-82
Lockup clutch ECMV	10-89
Main relief and torque converter relief valve	10-93
Axle	10-95
Differential	10-97
Limited slip differential	10-101
Final drive	10-105
Steering system	10-107
Layout of steering devices	10-107
Steering column	10-108

Steering pump	10-109
Steering valve	10-121
Orbit-roll valve	10-135
Stop valve	10-141
Emergency steering motor	10-142
Emergency steering pump	10-143
Brake system	10-144
Layout of brake parts	10-144
Charge valve	10-146
Brake valve	10-152
Accumulator (for brake)	10-156
Brake	10-157
Parking brake control	10-160
Parking brake	10-161
Parking brake solenoid valve	10-162
Parking brake emergency release valve	10-165
Undercarriage and frame	10-166
Axle mount and center hinge pin	10-166
Tire	10-167
Hydraulic system	10-169
Hydraulic component layout	10-169
Work equipment control	10-171
Hydraulic tank	10-173
Double type gear pump	10-175
Work equipment pump	10-176
Control valve	10-188
CLSS	10-198
Hydraulic circuit diagram and name of valves	10-202
ECCS accumulator charge valve	10-217
Stabilizer valve	10-221
Work equipment lock solenoid valve	10-226
Accumulator (for PPC circuit)	10-227
ECSS accumulator	10-228
Work equipment	10-229
Work equipment linkage	10-229
Bucket	10-230
Bucket positioner and boom positioner	10-231
Cab and its attachments	10-232
ROPS cab	10-232
Electrical system	10-233
Engine control system	10-233
Preheating system	10-235
Engine power mode selector circuit	10-237
Engine output limit function	10-238
Automatic warm-up function	10-239
Parking brake control system	10-240
System operating lamp function	10-242
Battery disconnect switch function	10-244
Transmission controller system	10-246
Work equipment control system	10-281
Machine monitor system	10-302
Rear view monitor system	10-328
KOMTRAX system	10-331
System component parts	10-334
Sensor	10-368
20 Standard value tables	20-1
Table of contents	20-2
Standard service value table	20-3
Standard value table for engine	20-3

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

<https://shopservicemanual.com/>

Service Manuals from 2\$