

Shop Manual

WHEEL LOADER

WA475-10
WA475-10E0

SERIAL NUMBERS 120001 and up

KOMATSU

00 INDEX AND FOREWORD

INDEX

00 INDEX AND FOREWORD	00-1
FOREWORD, SAFETY, BASIC INFORMATION	00-26
HOW TO READ THE SHOP MANUAL	00-26
SAFETY NOTICE FOR OPERATION	00-28
PRECAUTIONS TO PREVENT FIRE	00-36
ACTIONS IF FIRE OCCURS	00-38
PRECAUTIONS FOR DISPOSING OF WASTE MATERIALS	00-39
ACTIONS TAKEN TO MEET EXHAUST GAS REGULATIONS	00-40
PRECAUTIONS FOR DEF	00-41
STORE AdBlue/DEF	00-42
PRECAUTIONS FOR HANDLING HYDRAULIC EQUIPMENT	00-43
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF PIPINGS	00-46
PRECAUTIONS FOR HANDLING ELECTRICAL EQUIPMENT	00-53
PRECAUTIONS FOR HANDLING FUEL SYSTEM EQUIPMENT	00-55
PRECAUTIONS FOR HANDLING INTAKE SYSTEM EQUIPMENT	00-56
PRACTICAL USE OF KOMTRAX	00-57
DISCONNECT AND CONNECT PUSH-PULL TYPE COUPLER	00-58
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF CONNECTORS	00-62
METHOD FOR DISCONNECTING AND CONNECTING DEUTSCH CONNECTOR	00-66
METHOD FOR DISCONNECTING AND CONNECTING SLIDE LOCK TYPE CONNECTOR	00-67
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PULL ..	00-69
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PUSH ..	00-70
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH HOUSING TO ROTATE .	00-72
HOW TO READ ELECTRICAL WIRE CODE	00-73
EXPLANATION OF TERMS FOR MAINTENANCE STANDARD	00-77
STANDARD TIGHTENING TORQUE TABLE	00-80
CONVERSION TABLE	00-87
ABBREVIATION LIST	00-92
01 SPECIFICATIONS	01-1
CONTENTS	01-2
SPECIFICATIONS	01-3
SPECIFICATION DRAWING	01-3
SPECIFICATIONS	01-7
WEIGHT TABLE	01-17
FUEL, COOLANT, LUBRICANTS (FOR NORTH AMERICA)	01-21
FUEL, COOLANT, LUBRICANTS (FOR EUROPEAN UNION)	01-23
10 STRUCTURE AND FUNCTION	10-1
CONTENTS	10-2
UREA SCR SYSTEM	10-7
LAYOUT DRAWING OF UREA SCR SYSTEM	10-7
UREA SCR SYSTEM DIAGRAM	10-9
FUNCTION OF UREA SCR SYSTEM	10-10
COMPONENT PARTS OF UREA SCR SYSTEM	10-26
BOOT-UP SYSTEM	10-35
LAYOUT DRAWING OF BOOT-UP SYSTEM	10-35
SYSTEM OPERATING LAMP SYSTEM	10-37
BATTERY DISCONNECT SWITCH	10-39
PREHEATING SYSTEM	10-40
ENGINE SYSTEM	10-42
LAYOUT DRAWING OF ENGINE SYSTEM	10-42
ENGINE CONTROL SYSTEM	10-44
AUTOMATIC IDLE STOP SYSTEM	10-48
COMPONENT PARTS OF ENGINE SYSTEM	10-49
COOLING SYSTEM	10-66
LAYOUT DRAWING OF COOLING SYSTEM	10-66

COOLING FAN CONTROL SYSTEM.....	10-68
COMPONENT PARTS OF COOLING SYSTEM.....	10-73
CONTROL SYSTEM.....	10-88
LAYOUT DRAWING OF CONTROL SYSTEM PARTS.....	10-88
MACHINE MONITOR SYSTEM.....	10-90
REARVIEW MONITOR SYSTEM.....	10-92
KOMTRAX SYSTEM.....	10-93
COMPONENT PARTS OF CONTROL SYSTEM.....	10-94
HYDRAULIC SYSTEM.....	10-146
LAYOUT DRAWING OF HYDRAULIC SYSTEM.....	10-146
CLSS.....	10-147
WORK EQUIPMENT PUMP AND STEERING PUMP CONTROL SYSTEM.....	10-151
COMPONENT PARTS OF HYDRAULIC SYSTEM.....	10-152
TOTAL CONTROL SYSTEM.....	10-227
SYSTEM DIAGRAM OF TOTAL CONTROL SYSTEM.....	10-227
INDEPENDENT WORK EQUIPMENT CONTROL FUNCTION.....	10-228
POWER MODE SELECTOR FUNCTION.....	10-230
OVERHEAT PREVENTION FUNCTION.....	10-231
OUTPUT LIMITATION FUNCTION FOR LOW TEMPERATURE.....	10-232
WORK EQUIPMENT SPEED LEVEL.....	10-233
POWER TRAIN SYSTEM.....	10-234
LAYOUT DRAWING OF POWER TRAIN SYSTEM.....	10-234
OPERATION OF POWER TRAIN SYSTEM.....	10-236
HST CHARGE SYSTEM.....	10-237
PUMP MOTOR CONTROL SYSTEM.....	10-238
TRANSMISSION GEAR SHIFT CONTROL SYSTEM.....	10-240
TRANSMISSION PROTECTION FUNCTION.....	10-242
DIRECTIONAL SELECTOR SWITCH CONTROL FUNCTION.....	10-243
TRACTION CONTROL SYSTEM.....	10-245
COMPONENT PARTS OF POWER TRAIN SYSTEM.....	10-248
WORK EQUIPMENT SYSTEM.....	10-300
LAYOUT DRAWING OF WORK EQUIPMENT SYSTEM.....	10-300
WORK EQUIPMENT CONTROL SYSTEM.....	10-302
WORK EQUIPMENT NEUTRAL LOCK SYSTEM.....	10-308
REMOTE POSITIONER SYSTEM.....	10-310
AUTOMATIC BUCKET SHAKE SYSTEM.....	10-315
BUCKET POSITIONER AND BOOM POSITIONER.....	10-316
AUTO-DIGGING SYSTEM.....	10-317
ECSS.....	10-320
WORK EQUIPMENT SYSTEM.....	10-322
STEERING SYSTEM.....	10-331
LAYOUT DRAWING OF STEERING SYSTEM.....	10-331
SECONDARY STEERING SYSTEM.....	10-334
JOYSTICK STEERING SYSTEM.....	10-336
AJSS.....	10-341
STEERING COLUMN.....	10-347
STEERING SYSTEM.....	10-348
BRAKE SYSTEM.....	10-372
LAYOUT DRAWING OF BRAKE SYSTEM.....	10-372
PARKING BRAKE CONTROL SYSTEM.....	10-376
BRAKE COOLING CONTROL SYSTEM.....	10-378
COMPONENT PARTS OF BRAKE SYSTEM.....	10-379
AUTO-GREASING SYSTEM.....	10-402
LAYOUT DRAWING OF AUTOMATIC GREASE SYSTEM.....	10-402
SPECIFICATIONS OF AUTOMATIC GREASE SYSTEM.....	10-403
FUNCTION OF AUTO-GREASING SYSTEM.....	10-405
COMPONENT PARTS OF AUTO-GREASING SYSTEM.....	10-406
UNDERCARRIAGE AND FRAME.....	10-407

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

<https://shop servicemanual.com/>

Service Manuals from 2\$