

Shop Manual

**HYDRAULIC
EXCAVATOR**

**HB365LC-3E0
HB365NLC-3E0**

SERIAL NUMBERS **5001 and up**
K70001 and up

00 INDEX AND FOREWORD

INDEX

00 INDEX AND FOREWORD	00-1
ABBREVIATION LIST	00-22
FOREWORD, SAFETY, BASIC INFORMATION	00-28
HOW TO READ THE SHOP MANUAL.....	00-28
SAFETY NOTICE FOR OPERATION.....	00-30
PRECAUTIONS PARTICULARLY FOR HYBRID MACHINES.....	00-38
PRECAUTIONS TO PREVENT FIRE.....	00-39
ACTIONS IF FIRE OCCURS	00-41
PRECAUTIONS FOR DISPOSING OF WASTE MATERIALS.....	00-42
ACTIONS TAKEN TO MEET EXHAUST GAS REGULATIONS.....	00-43
PRECAUTIONS FOR DEF.....	00-44
STORE AdBlue/DEF	00-45
PRECAUTIONS FOR HANDLING HYDRAULIC EQUIPMENT.....	00-46
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF PIPINGS.....	00-49
PRECAUTIONS FOR HANDLING ELECTRICAL EQUIPMENT.....	00-56
PRECAUTIONS FOR MAINTENANCE OF HYBRID SYSTEM.....	00-58
PRECAUTIONS AGAINST HIGH VOLTAGE AND HIGH TEMPERATURE.....	00-59
PRECAUTIONS FOR NORMAL CHECK AND MAINTENANCE.....	00-60
PRECAUTIONS FOR THE MACHINE NOT TO BE TIPPED OVER AND FOR HYBRID COMPO- NENTS NOT TO BE DAMAGED	00-61
PRECAUTIONS FOR THE MACHINE NOT TO BE SUBMERGED.....	00-62
PRECAUTIONS FOR THE COLD SEASON.....	00-63
PRECAUTIONS FOR HANDLING FUEL SYSTEM EQUIPMENT.....	00-64
PRECAUTIONS FOR HANDLING INTAKE SYSTEM EQUIPMENT.....	00-65
PRACTICAL USE OF KOMTRAX.....	00-66
DISCONNECT AND CONNECT PUSH-PULL TYPE COUPLER.....	00-67
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF CONNECTORS.....	00-71
METHOD FOR DISCONNECTING AND CONNECTING DEUTSCH CONNECTOR.....	00-75
METHOD FOR DISCONNECTING AND CONNECTING SLIDE LOCK TYPE CONNECTOR.....	00-76
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PULL ...	00-78
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PUSH ..	00-79
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH HOUSING TO ROTATE	00-81
HOW TO READ THE CODES (SYMBOLS) FOR ELECTRIC CABLE.....	00-82
EXPLANATION OF TERMS FOR MAINTENANCE STANDARD.....	00-88
STANDARD TIGHTENING TORQUE TABLE.....	00-91
CONVERSION TABLE.....	00-98
01 SPECIFICATIONS	01-1
CONTENTS.....	01-2
ABBREVIATION LIST	01-3
SPECIFICATIONS	01-9
SPECIFICATION DRAWING.....	01-9
WORKING RANGE DRAWINGS	01-10
SPECIFICATIONS	01-11
WEIGHT TABLE	01-15
TABLE OF FUEL, COOLANT, AND LUBRICANTS	01-17
10 STRUCTURE AND FUNCTION	10-1
CONTENTS.....	10-2
ABBREVIATION LIST	10-6
UREA SCR SYSTEM.....	10-12
LAYOUT DRAWING OF UREA SCR SYSTEM.....	10-12
UREA SCR SYSTEM DIAGRAM	10-16
FUNCTION OF UREA SCR SYSTEM.....	10-17
COMPONENT PARTS OF UREA SCR SYSTEM.....	10-37
BOOT-UP SYSTEM.....	10-46
LAYOUT DRAWING OF BOOT-UP SYSTEM.....	10-46

SYSTEM OPERATING LAMP SYSTEM	10-48
BATTERY DISCONNECT SWITCH	10-50
ENGINE SYSTEM	10-51
LAYOUT DRAWING OF ENGINE SYSTEM	10-51
ENGINE CONTROL SYSTEM	10-53
AUTO-DECELERATION SYSTEM	10-56
ENGINE AUTOMATIC WARM-UP SYSTEM	10-58
OVERHEAT PREVENTION SYSTEM	10-60
TURBOCHARGER PROTECTION SYSTEM	10-63
AUTOMATIC IDLE STOP SYSTEM	10-65
COMPONENT PARTS OF ENGINE SYSTEM	10-69
COOLING SYSTEM.....	10-85
LAYOUT DRAWING OF COOLING SYSTEM	10-85
HYBRID SYSTEM.....	10-87
LAYOUT DRAWING OF HYBRID SYSTEM	10-87
SYSTEM DIAGRAM OF HYBRID SYSTEM.....	10-88
STRUCTURE OF HYBRID SYSTEM	10-89
HYBRID PROTECTION SYSTEM.....	10-90
COOLING SYSTEM OF HYBRID COMPONENTS	10-92
INTERLOCK SYSTEM OF HYBRID COMPONENTS	10-93
WORKER PROTECTION SYSTEM FOR WHEN DISASSEMBLING THE HYBRID COMPONENTS	10-94
COMPONENT PARTS OF HYBRID SYSTEM	10-96
CONTROL SYSTEM.....	10-103
LAYOUT DRAWING OF CONTROL SYSTEM	10-103
MACHINE MONITOR SYSTEM	10-106
KomVision SYSTEM	10-107
KOMTRAX SYSTEM.....	10-111
PPC LEVERS	10-112
AUTOMATIC GREASE SYSTEM.....	10-114
COMPONENT PARTS OF CONTROL SYSTEM.....	10-129
HYDRAULIC SYSTEM.....	10-167
LAYOUT DRAWING OF HYDRAULIC SYSTEM	10-167
CLSS	10-170
ENGINE AND PUMP COMBINED CONTROL SYSTEM.....	10-190
PUMP AND VALVE CONTROL SYSTEM	10-196
COMPONENT PARTS OF HYDRAULIC SYSTEM	10-199
WORK EQUIPMENT SYSTEM	10-282
LAYOUT DRAWING OF WORK EQUIPMENT SYSTEM	10-282
STRUCTURE OF VALVE CONTROL	10-288
ONE-TOUCH POWER MAXIMIZING SYSTEM	10-289
MACHINE PUSH-UP SYSTEM.....	10-291
PPC LOCK SYSTEM	10-293
WORK EQUIPMENT AND TRAVEL AUTOMATIC LOCK SYSTEM	10-294
OIL FLOW ADJUSTER SYSTEM FOR ATTACHMENT.....	10-296
TOOL CONTROL SYSTEM	10-298
COMPONENT PARTS OF WORK EQUIPMENT SYSTEM.....	10-300
SWING SYSTEM	10-331
LAYOUT DRAWING OF SWING SYSTEM	10-331
SWING CONTROL SYSTEM DIAGRAM	10-334
COMPONENT PARTS OF SWING SYSTEM.....	10-337
TRAVEL SYSTEM.....	10-341
LAYOUT DRAWING OF TRAVEL SYSTEM.....	10-341
TRAVEL CONTROL SYSTEM DIAGRAM.....	10-345
COMPONENT PARTS OF TRAVEL SYSTEM	10-347
UNDERCARRIAGE AND FRAME.....	10-368
LAYOUT DRAWING OF UNDERCARRIAGE	10-368
WORK EQUIPMENT.....	10-370

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

<https://shopservicemanual.com/>

Service Manuals from 2\$