EENBM00300

Shop Manual

BULLDOZER

D71EX -24
D71EX -24E0
D71PX -24
D71PX -24E0

SERIAL NUMBERS D71EX-70002 D71PX-70002 and up

KOMATSU

00 INDEX AND FOREWORD

INDEX

00 INDEX AND FOREWORD 00-1
FOREWORD, SAFETY, BASIC INFORMATION 00-6
HOW TO READ THE SHOP MANUAL 00-6
SAFETY NOTICE FOR OPERATION 00-8
PRECAUTIONS TO PREVENT FIRE 00-16
ACTIONS IF FIRE OCCURS 00-18
PRECAUTIONS FOR DISPOSING OF WASTE MATERIALS 00-19
ACTIONS TAKEN TO MEET EXHAUST GAS REGULATIONS 00-20
PRECAUTIONS FOR DEF 00-21
STORE AdBlue/DEF 00-22
PRECAUTIONS FOR HANDLING HYDRAULIC EQUIPMENT 00-23
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF PIPINGS 00-26
PRECAUTIONS FOR HANDLING ELECTRICAL EQUIPMENT 00-33
PRECAUTIONS FOR HANDLING FUEL SYSTEM EQUIPMENT 00-35
PRECAUTIONS FOR HANDLING INTAKE SYSTEM EQUIPMENT 00-36
PRACTICAL USE OF KOMTRAX 00-37
DISCONNECT AND CONNECT PUSH-PULL TYPE COUPLER 00-38
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF CONNECTORS 00-42
METHOD FOR DISCONNECTING AND CONNECTING DEUTSCH CONNECTOR 00-46
METHOD FOR DISCONNECTING AND CONNECTING SLIDE LOCK TYPE CONNECTOR 00-47
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PULL 00-49
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PUSH 00-50
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH HOUSING TO ROTATE 00-52
HOW TO READ ELECTRICAL WIRE CODE 00-53
EXPLANATION OF TERMS FOR MAINTENANCE STANDARD 00-57
STANDARD TIGHTENING TORQUE TABLE 00-60
CONVERSION TABLE 00-67
ABBREVIATION LIST 00-72
01 SPECIFICATION 01-1
CONTENTS 01-2
SPECIFICATIONS 01-3
SPECIFICATION DRAWING 01-3
SPECIFICATIONS 01-9
WEIGHT TABLE 01-24
FUEL, COOLANT, LUBRICANTS (FOR NORTH AMERICA) 01-30
FUEL, COOLANT, LUBRICANTS (FOR EUROPEAN UNION) 01-32
10 STRUCTURE AND FUNCTION 10-1
CONTENTS 10-2
UREA SCR SYSTEM 10-5
LAYOUT DRAWING OF UREA SCR SYSTEM 10-5
UREA SCR SYSTEM DIAGRAM 10-7
FUNCTION OF UREA SCR SYSTEM 10-8
COMPONENT PARTS OF UREA SCR SYSTEM 10-24
BOOT-UP SYSTEM 10-33
LAYOUT DRAWING OF BOOT-UP SYSTEM 10-33
SYSTEM OPERATING LAMP SYSTEM 10-34
BATTERY DISCONNECT SWITCH 10-36
ASSISTANCE VALVE FOR STARTUP 10-37
ENGINE SYSTEM 10-38
LAYOUT DRAWING OF ENGINE SYSTEM 10-38
ENGINE CONTROL SYSTEM 10-40
ENGINE AUTOMATIC WARM-UP SYSTEM 10-45
AUTOMATIC IDLE STOP SYSTEM 10-46
COMPONENT PARTS OF ENGINE SYSTEM 10-49
COOLING SYSTEM 10-68

LAYOUT DRAWING OF COOLING SYSTEM 10-68
COOLING FAN CONTROL SYSTEM 10-70
COOLING SYSTEM 10-72
CONTROL SYSTEM 10-83
LAYOUT DRAWING OF CONTROL SYSTEM 10-83
MACHINE MONITOR SYSTEM 10-84
KOMTRAX SYSTEM 10-86
CONTROL SYSTEM 10-87
HYDRAULIC SYSTEM 10-128
LAYOUT DRAWING OF HYDRAULIC SYSTEM 10-128
CLSS 10-129
HYDRAULIC SYSTEM 10-133
POWER TRAIN SYSTEM 10-170
LAYOUT DRAWING OF HST SYSTEM 10-170
OPERATION OF HST SYSTEM 10-171
STEERING AND BRAKE CONTROL SYSTEM 10-173
HST CONTROL SYSTEM 10-175
PARKING BRAKE CONTROL SYSTEM 10-186
POWER TRAIN SYSTEM 10-189
WORK EQUIPMENT SYSTEM 10-231
WORK EQUIPMENT CONTROL 10-231
LAYOUT DRAWING OF FRONT WORK EQUIPMENT 10-233
LAYOUT DRAWING OF FIXED MULTI-SHANK RIPPER 10-234
WORK EQUIPMENT SYSTEM 10-235
UNDERCARRIAGE AND FRAME 10-256
MAIN FRAME 10-256
SUSPENSION 10-257
TRACK FRAME AND IDLER CUSHION 10-260
WORK EQUIPMENT 10-262
STRUCTURE OF FRONT WORK EQUIPMENT 10-262
STRUCTURE OF FIXED MULTI-SHANK RIPPER 10-263
CAB RELATED PARTS 10-264
ROPS CAB 10-264
CAB MOUNT 10-266
60 MAINTENANCE STANDARD 60-1
CONTENTS 60-2
EXPLANATION OF TERMS FOR MAINTENANCE STANDARD 60-4
ENGINE AND COOLING SYSTEM 60-6
MAINTENANCE STANDARD OF ENGINE MOUNT 60-6
MAINTENANCE STANDARD OF DAMPER 60-7
MAINTENANCE STANDARD OF COOLING SYSTEM 60-8
MAINTENANCE STANDARD OF COOLING FAN MOTOR 60-9
MAINTENANCE STANDARD OF HYDRAULIC OIL COOLER BYPASS AND HST CHARGE SAFETY VALVE 60-11
POWER TRAIN 60-12
MAINTENANCE STANDARD OF HST PUMP 60-12
MAINTENANCE STANDARD OF HST CHARGE PUMP 60-15
MAINTENANCE STANDARD OF SERVO VALVE 60-17
MAINTENANCE STANDARD OF HST MOTOR 60-19
MAINTENANCE STANDARD OF FINAL DRIVE 60-20
MAINTENANCE STANDARD OF SPROCKET FOR CONVENTIONAL TYPE TRACK SHOE 60-22
MAINTENANCE STANDARD OF SPROCKET TOOTH PROFILE FULL-SCALE DRAWING FOR CONVENTIONAL TYPE TRACK SHOE 60-23
MAINTENANCE STANDARD OF SPROCKET FOR PLUS TYPE TRACK SHOE 60-25
MAINTENANCE STANDARD OF SPROCKET TOOTH PROFILE FULL-SCALE DRAWING FOR PLUS TYPE TRACK SHOE 60-26
UNDERCARRIAGE AND FRAME 60-28
MAINTENANCE STANDARD OF SUSPENSION 60-28

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

https://shopservicemanual.com/

Service Manuals from 2$