

Shop Manual

BULLDOZER

D65EXi -18
D65PXi -18

SERIAL NUMBERS D65EXi-91310 and up
 D65PXi-91310

00 Index and Foreword

Index

00 Index and Foreword	00-1
Abbreviation List	00-23
Foreword, Safety, Basic Information	00-29
How to Read the Shop Manual	00-29
Safety Notice for Operation	00-31
Precautions to Prevent Fire	00-39
Procedures If Fire Occurs	00-41
Precautions When You Discard Waste Materials	00-42
Procedures for Exhaust Gas Regulations	00-43
Precautions for DEF	00-44
Store DEF	00-45
Precautions When You Handle Hydraulic Equipment	00-46
Precautions When You Disconnect and Connect Pipings	00-49
Precautions When You Handle Electrical Equipment	00-56
Precautions When You Handle Fuel System Equipment	00-58
Precautions When You Handle Intake System Equipment	00-59
Practical Use of KOMTRAX	00-60
Disconnect and Connect Push-Pull Type Coupler	00-61
Precautions for Disconnection and Connection of Connectors	00-65
Disconnect and Connect Deutsch Connector	00-69
How to Disconnect and Connect Slide Lock Type Connector	00-70
Disconnect and Connect Connector with Lock to Pull	00-72
Disconnect and Connect Connector with Lock to Push	00-73
Disconnect and Connect Connector with Housing to Rotate	00-75
How to Read the Codes for Electric Cable	00-76
Explanation of Terms for Maintenance Standard	00-80
Standard Tightening Torque Table	00-83
Conversion Table	00-90
01 Specification	01-1
Table of Contents	01-2
Abbreviation List	01-3
Specifications	01-9
Specification Drawing	01-9
Specifications	01-15
Weight Table	01-32
Table of Fuel, Coolant, and Lubricants	01-40
10 Structure and Function	10-1
Table of Contents	10-2
Abbreviation List	10-6
Urea SCR System	10-12
Layout Drawing of Urea SCR System	10-12
Urea SCR System Diagram	10-14
Function of Urea SCR System	10-15
Component Parts of Urea SCR System	10-32
Boot-up System	10-41
Layout Drawing of Boot-up System (Machine with KOMTRAX Terminal)	10-41
Layout Drawing of Boot-up System (Machine with Gateway Function Controller)	10-43
System Operating Lamp System	10-45
Battery Disconnect Switch	10-48
Engine System	10-50
Layout Drawing of Engine System	10-50
Engine Control System	10-52
Automatic Idle Stop System	10-63
Component Parts of Engine System	10-67
Cooling System	10-87
Layout Drawing of Cooling System	10-87

Cooling Fan Control System	10-89
Component Parts of Cooling System	10-92
Control System	10-109
Layout Drawing of Control System (Machine with KOMTRAX Terminal)	10-109
Layout Drawing of Control System (Machine with Gateway Function Controller)	10-110
Machine Monitor System.....	10-111
KOMTRAX System	10-113
Component Parts of Control System	10-115
Hydraulic System	10-149
Layout Drawing of Hydraulic System.....	10-149
CLSS	10-150
Component Parts of Hydraulic System.....	10-153
Power Train System.....	10-205
Layout Drawing of Power Train System	10-205
Operation of Power Train System	10-208
Transmission, Steering, and Brake Control	10-209
Palm Command Control System	10-211
HSS System.....	10-215
Centralized Pressure Pickup Port.....	10-218
Component Parts of Power Train System.....	10-219
Work Equipment System.....	10-290
Work Equipment Control	10-290
Layout of Tilt Dozer and Power Tilt Pitch Dozer Series	10-293
Layout of Power Angle Power Tilt Dozer Series	10-294
Layout Drawing of Fixed Multi-Shank Ripper	10-295
Component Parts of Work Equipment System	10-296
ICT System	10-325
Layout Drawing of ICT System.....	10-325
System Diagram of ICT Control System.....	10-328
Blade Control System	10-330
Smooth Start System	10-336
Slip Control System.....	10-338
Assist Control System.....	10-340
Component Parts of ICT System.....	10-342
Undercarriage and Frame	10-374
Main Frame.....	10-374
Suspension	10-376
Track Frame and Idler Cushion	10-379
Work Equipment	10-382
Structure of Front Work Equipment (For Tilt Dozer and Power Tilt Pitch Dozer Series).....	10-382
Structure of Front Work Equipment (For Power Angle Power Tilt Dozer Series).....	10-383
Structure of Fixed Multi-Shank Ripper.....	10-384
CAB Related Parts.....	10-385
ROPS CAB	10-385
CAB Mount	10-388
20 Standard Value Table	20-1
Table of Contents	20-2
Abbreviation List	20-3
Standard Value Table for Engine	20-9
Standard Value Table for Engine: D65EXI-18.....	20-9
Standard Value Table for Engine: D65PXI-18.....	20-14
Standard Value Table for Machine.....	20-19
Standard Value Table for Machine: D65EXI-18	20-19
Standard Value Table for Machine: D65PXI-18	20-35
Machine Posture and Procedures to Measure Performance	20-52
Standard Value Table for Electricity.....	20-54
Standard Value Table for Electricity.....	20-54
30 Testing and Adjusting	30-1

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

<https://shopservicemanual.com/>

Service Manuals from 2\$