

Shop Manual

BULLDOZER

D65EX -18EO

D65PX -18EO

D65WX -18EO

SERIAL NUMBERS D65EX- 96001
D65PX- 96001 and up
D65WX-96001

KOMATSU

00 Index and Foreword

Index

00 Index and Foreword	00-1
Foreword, Safety, Basic Information	00-20
How to Read the Shop Manual	00-20
Safety Notice for Operation	00-22
Precautions to Prevent Fire	00-30
Procedures If Fire Occurs	00-32
Precautions for Disposing of Waste Materials	00-33
Procedures for Exhaust Gas Regulations	00-34
Precautions for DEF	00-35
Store DEF	00-36
Precautions When You Handle Hydraulic Equipment	00-37
Precautions When You Disconnect and Connect Pipings	00-40
Precautions When You Handle Electrical Equipment	00-47
Precautions When You Handle Fuel System Equipment	00-49
Precautions When You Handle Intake System Equipment	00-50
Practical Use of KOMTRAX	00-51
Disconnect and Connect Push-Pull Type Coupler	00-52
Precautions for Disconnection and Connection of Connectors	00-56
How to Disconnect and Connect Deutsch Connector	00-60
How to Disconnect and Connect Slide Lock Type Connector	00-61
How to Disconnect and Connect Connector with Lock to Pull	00-63
How to Disconnect and Connect Connector with Lock to Push	00-64
How to Disconnect and Connect Connector with Housing to Rotate	00-66
How to Read the Codes for Electric Cable	00-67
Explanation of Terms for Maintenance Standard	00-71
Standard Tightening Torque Table	00-74
Conversion Table	00-81
Abbreviation List	00-86
01 Specifications	01-1
Table of Contents	01-2
Specifications	01-3
Specification Drawing	01-3
Specifications	01-9
Weight Table	01-27
Fuel, Coolant, Lubricants (For European Union)	01-37
Fuel, Coolant, Lubricant (Turkey)	01-39
10 Structure and Function	10-1
Table of 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	10-26
Boot-up System	10-36
Layout Drawing of Boot-up System	10-36
System Operating Lamp System	10-38
Battery Disconnect Switch	10-40
Engine System	10-42
Layout Drawing of Engine System	10-42
Engine Control System	10-44
Automatic Idle Stop System	10-50
Component Parts of Engine System	10-53
Cooling System	10-73
Layout Drawing of Cooling System	10-73
Cooling Fan Control System	10-75
Component Parts of Cooling System	10-78

Control System	10-95
Layout Drawing of Control System	10-95
Machine Monitor System	10-96
KOMTRAX System	10-98
Component Parts of Control System	10-99
Hydraulic System	10-132
Layout Drawing of Hydraulic System	10-132
CLSS	10-133
Component Parts of Hydraulic System	10-136
Power Train System	10-188
Layout Drawing of Power Train System	10-188
Operation of Power Train System	10-191
Transmission, Steering, and Brake Control	10-192
Palm Command Control System	10-194
HSS System	10-198
Centralized Pressure Pickup Port	10-201
Component Parts of Power Train System	10-202
Work Equipment System	10-273
Work Equipment Control	10-273
Layout Drawing of Tilt Dozer, Power Tilt Pitch Dozer, Angle Dozer and Semi-U Dozer Series	10-276
Layout Drawing of Fixed Multi-Shank Ripper	10-278
Component Parts of Work Equipment System	10-279
Undercarriage and Frame	10-302
Main Frame	10-302
Suspension	10-304
Track Frame and Idler Cushion	10-307
Work Equipment	10-310
Structure of Front Work Equipment (For Tilt Dozer and Power Tilt Pitch Dozer Series)	10-310
Structure of Front Work Equipment (Angle Dozer Series)	10-311
Structure of Fixed Multi-Shank Ripper	10-312
CAB Related Parts	10-313
ROPS CAB	10-313
CAB Mount	10-315
20 Standard Value Table	20-1
Table of Contents	20-2
Standard Value Table for Engine	20-3
Standard Value Table for Engine: D65EX-18E0	20-3
Standard Value Table for Engine: D65PX-18E0	20-8
Standard Value Table for Engine: D65WX-18E0	20-13
Standard Value Table for Machine	20-18
Standard Value Table for Machine: D65EX-18E0	20-18
Standard Value Table for Machine: D65PX-18E0	20-33
Standard Value Table for Machine: D65WX-18E0	20-47
Machine Posture and Procedures to Measure Performance	20-61
30 Testing and Adjusting	30-1
Table of Contents	30-2
Precautions Before Work	30-5
Related Information on Testing and Adjusting	30-6
Differences In Machine Monitor Symbols	30-6
Tools for Testing and Adjusting	30-7
Sketch of Tools for Testing and Adjusting	30-13
Engine and Cooling System	30-14
Examine Engine Speed	30-14
Examine Boost Pressure	30-17
Examine Exhaust Gas Temperature	30-19
Examine Exhaust Gas Color	30-21
Examine Mass Air Flow and Temperature Sensor	30-23
Examine and Adjust Valve Clearance	30-25

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

<https://shopservicemanual.com/>

Service Manuals from 2\$