

Shop Manual

FORKLIFT TRUCK

FE25G-2

FE30G-2

SERIAL NUMBERS

FE25G-320001

FE30G-320001

and up

KOMATSU

00 Index and Foreword

Index

00 Index and Foreword	00-1
Foreword, Safety, Basic Information	00-14
How to Read the Shop Manual	00-14
Safety Notice for Operation	00-16
Precautions to Prevent Fire	00-26
Procedures If Fire Occurs	00-27
Precautions When You Discard Waste Materials	00-28
Precautions When You Handle Hydraulic Equipment	00-29
Precautions When You Disconnect and Connect Pipings	00-31
Precautions When You Handle Electrical Equipment	00-37
Practical Use of KOMTRAX	00-39
Disconnect and Connect Push-Pull Type Coupler	00-40
Precautions for Disconnection and Connection of Connectors	00-44
Standard Torque Table	00-55
Conversion Table	00-62
Abbreviation List	00-67
01 Specifications	01-1
Table of Contents	01-2
Specifications	01-3
Specification Drawing	01-3
Specifications	01-7
Weight Table	01-15
Fuel, Coolant, Lubricant	01-18
10 Structure and Function	10-1
Table of Contents	10-2
Charge System	10-5
Layout Drawing of Charge System	10-5
Component Parts of Charge System	10-6
Boot-up System	10-11
Layout Drawing of Boot-up System	10-11
System Operating Lamp System	10-12
Emergency Stop Switch	10-14
ID Key System	10-15
Component Parts of Boot-Up System	10-17
Control System	10-20
Layout Drawing of Control System	10-20
Monitor Panel System	10-21
KOMTRAX System	10-23
Seat Belt Interlock System	10-24
Impact Detection System	10-26
Inclination Warning System	10-28
Fall Detection System	10-30
Component Parts of Control System	10-31
Hydraulic System	10-65
Layout Drawing of Hydraulic System	10-65
Lift Interlock System	10-66
Component Parts of Hydraulic System	10-68
Power Train System	10-90
Layout Drawing of Power Train System	10-90
Operation of Power Train System	10-91
Directional Lever Warning System	10-92
Travel Interlock System	10-94
Travel Speed Limit System at Lifting Height	10-96
Reverse Travel Control System on Slope	10-98
Power Assist System on Slope	10-100
Component Parts of Power Train System	10-102

Work Equipment System.....	10-116
Layout Drawing of Work Equipment System	10-116
Structure of Valve Control	10-117
Steering System.....	10-118
Layout Drawing of Steering System	10-118
Steering Column	10-119
EPACS System	10-120
Turning Speed Limit System	10-121
Component Parts of Steering System	10-123
Brake System.....	10-126
Layout Drawing of Brake System	10-126
Parking Brake Warning System.....	10-127
Parking Brake Dragging Warning System	10-129
Component Parts of Brake System	10-131
Undercarriage and Frame	10-137
Frame	10-137
Tires.....	10-138
Work Equipment	10-139
Structure of Work Equipment	10-139
Function of Work Equipment	10-140
CAB Related Parts.....	10-141
Head Guard	10-141
CAB	10-142
20 Standard Value Table	20-1
Table of Contents	20-2
Standard Value Table for Machine.....	20-3
Standard Value Table for Machine: FE25G-2	20-3
Standard Value Table for Machine: FE30G-2	20-7
Procedures To Measure Performance	20-10
30 Testing and Adjusting	30-1
Table of Contents	30-2
Precautions Before Work	30-4
Related Information on Testing and Adjusting	30-5
Tools for Testing and Adjusting.....	30-5
Power Train.....	30-6
Adjust Accelerator Pedal	30-6
Examine Oil Level in Differential Case, Change Oil.....	30-8
Steering System.....	30-10
Examine Play of Steering Wheel.....	30-10
Adjust Tire Angle Sensor.....	30-11
Brake System.....	30-12
Adjust Parking Brake Lever.....	30-12
Adjust Brake Pedal	30-13
Examine and Adjust Brake Pedal Angle Sensor.....	30-14
Examine and Adjust Disc Brake	30-15
Bleed Air from Brake Circuit.....	30-19
Examine Brake Performance	30-21
Hydraulic System	30-22
Release Remained Pressure in Hydraulic Circuit.....	30-22
Examine Steering Circuit Oil Pressure	30-23
Measure Oil Pressure of Work Equipment	30-26
How to Examine Oil Level in Hydraulic Tank, Change Oil.....	30-29
Bleed Air from Hydraulic Circuit	30-31
Lower Fork Manually.....	30-32
Work Equipment	30-35
Examine and Adjust Work Equipment Lever	30-35
Examine Hydraulic Drift and Forward Tilt of Work Equipment	30-37
Adjust Mast.....	30-39

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

<https://shopservicemanual.com/>

Service Manuals from 2\$