

Shop Manual

COMPACT
HYDRAULIC
EXCAVATOR

PC30MR-5
PC35MR-5

SERIAL NUMBERS

PC30MR-50001
PC35MR-30001

and up

KOMATSU

INDEX

00 INDEX AND FOREWORD	00-1
ABBREVIATION LIST	00-12
FOREWORD, SAFETY, BASIC INFORMATION	00-18
HOW TO READ THE SHOP MANUAL	00-18
SAFETY NOTICE FOR OPERATION	00-20
PRECAUTIONS TO PREVENT FIRE	00-28
ACTIONS IF FIRE OCCURS	00-30
PRECAUTIONS FOR DISPOSING OF WASTE MATERIALS	00-31
PRECAUTIONS FOR HANDLING HYDRAULIC EQUIPMENT	00-32
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF PIPINGS	00-35
PRECAUTIONS FOR HANDLING ELECTRICAL EQUIPMENT	00-42
PRECAUTIONS FOR HANDLING FUEL SYSTEM EQUIPMENT	00-44
PRECAUTIONS FOR HANDLING INTAKE SYSTEM EQUIPMENT	00-45
PRACTICAL USE OF KOMTRAX	00-46
DISCONNECT AND CONNECT PUSH-PULL TYPE COUPLER	00-47
PRECAUTIONS FOR DISCONNECTION AND CONNECTION OF CONNECTORS	00-51
METHOD FOR DISCONNECTING AND CONNECTING DEUTSCH CONNECTOR	00-55
METHOD FOR DISCONNECTING AND CONNECTING SLIDE LOCK TYPE CONNECTOR	00-56
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PULL ..	00-58
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH LOCK TO PUSH ..	00-59
METHOD FOR DISCONNECTING AND CONNECTING CONNECTOR WITH HOUSING TO ROTATE .	00-61
HOW TO READ ELECTRICAL WIRE CODE	00-62
EXPLANATION OF TERMS FOR MAINTENANCE STANDARD	00-66
STANDARD TIGHTENING TORQUE TABLE	00-69
CONVERSION TABLE	00-76
01 SPECIFICATIONS	01-1
CONTENTS	01-2
ABBREVIATION LIST	01-3
SPECIFICATIONS	01-9
SPECIFICATION DRAWING	01-9
WORKING RANGE DRAWINGS	01-12
SPECIFICATIONS	01-14
WEIGHT TABLE	01-22
TABLE OF FUEL, COOLANT, AND LUBRICANTS	01-26
10 STRUCTURE AND FUNCTION	10-1
CONTENTS	10-2
ABBREVIATION LIST	10-4
BOOT-UP SYSTEM	10-10
LAYOUT DRAWING OF BOOT-UP SYSTEM	10-10
SYSTEM OPERATING LAMP SYSTEM	10-11
QUICK RELEASE BATTERY TERMINAL (-)	10-13
ENGINE SYSTEM	10-14
LAYOUT DRAWING OF ENGINE SYSTEM	10-14
ENGINE CONTROL SYSTEM	10-15
AUTO-DECELERATION SYSTEM	10-19
OVERHEAT PREVENTION SYSTEM	10-21
AUTOMATIC IDLE STOP SYSTEM	10-23
COMPONENT PARTS OF ENGINE SYSTEM	10-25
COOLING SYSTEM	10-26
LAYOUT DRAWING OF COOLING SYSTEM	10-26
CONTROL SYSTEM	10-28
LAYOUT DRAWING OF CONTROL SYSTEM	10-28
MACHINE MONITOR SYSTEM	10-29
KOMTRAX SYSTEM	10-30
COMPONENT PARTS OF CONTROL SYSTEM	10-31