WEBM001000

Shop Manual

WB97R-2

KOMATSU®

BACKHOE LOADER

SERIAL NUMBERS WB97R-2 97F20001 and up

This material is proprietary to Komatsu America Corp. and is not to be reproduced, used, or disclosed except in accordance with written authorization from Komatsu America Corp.

It is our policy to improve our products whenever it is possible and practical to do so. We reserve the right to make changes or improvements at any time without incurring any obligation to install such changes on products sold previously.

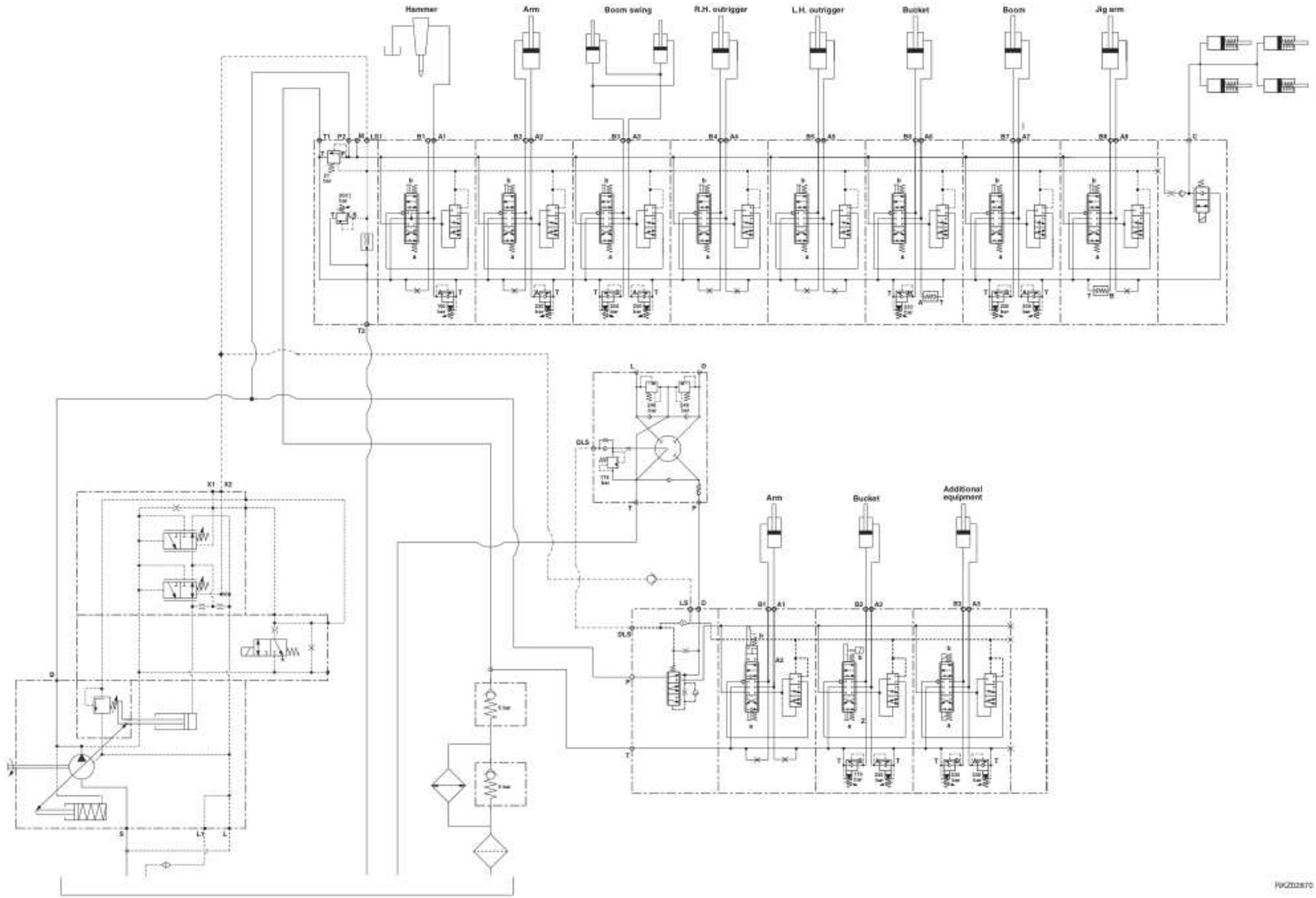
Due to this continuous program of research and development, revisions may be made to this publication. It is recommended that customers contact their distributor for information on the latest revision.

Copyright 2007 Komatsu
Printed in U.S.A.
Komatsu America Corp.

July 2007

Order the manual at mid-west-tech.com >

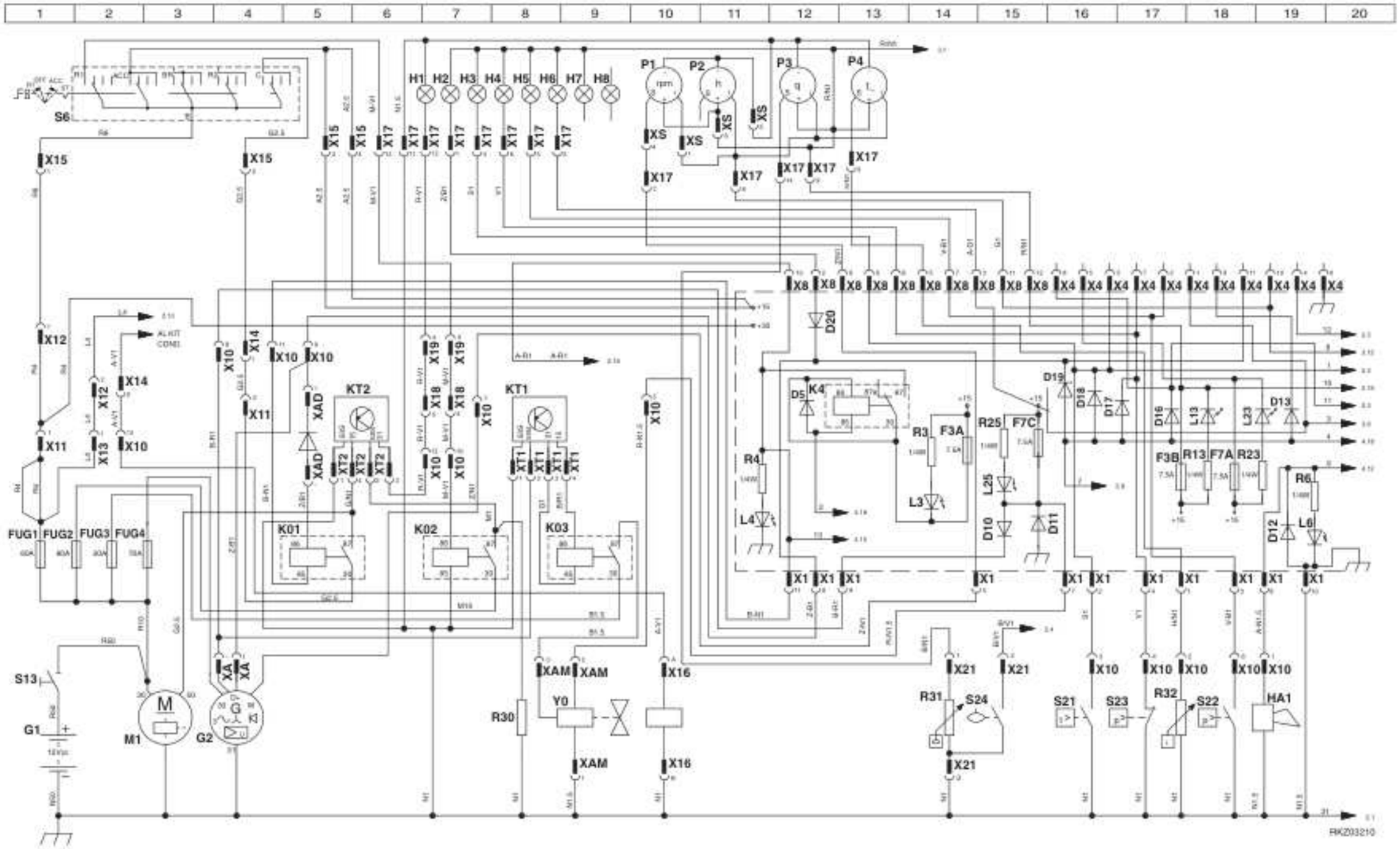
HYDRAULIC CIRCUIT



MidWestTech | Komatsu WB97R-2 Backhoe Loader Service Manual | Publication WEBM001000

Order the manual at mid-west-tech.com >

ELECTRICAL DIAGRAM (1/7)



COMPONENTS

- G1 - Battery
- G2 - Alternator
- H1 - Preheating warning light
- H2 - Generator warning light
- H3 - Engine water high temperature warning light
- H4 - Air filter warning lamp
- H5 - Hydraulic oil filter warning lamp
- H6 - Optional warning lamp
- H7 - Optional warning lamp
- H8 - Optional warning lamp
- HA1 - Horn
- K01 - Starting relay
- K02 - Preheating relay
- K03 - Fuel shut off relay
- K4 - Powered blower motor relay
- KT1 - Fuel shut off timer
- KT2 - Preheating timer
- M1 - Starter motor
- P1 - RPM instrument
- P2 - Hour counter
- P3 - Fuel level indicator
- P4 - Water temperature instrument
- R30 - Preheater
- R31 - Fuel level sender
- R32 - Water temperature sender
- S21 - Engine water high temperature switch
- S22 - Air filter blocked switch
- S23 - Engine oil low pressure switch
- S24 - Fuel gauge
- S6 - Starting switch
- Y0 - Fuel shut off solenoid valve

CONNECTORS

- X1 - 11-ways connector front line (engine)
- X4 - 11-ways connector monitor
- X8 - 17-ways connector lateral dashboard
- X10 - 13-ways connector front line - engine line
- X11 - 3-ways connector power
- X12 - 3-ways connector front line - cross line
- X13 - 2-ways connector front line - engine line
- X14 - 4-ways connector front line - cross line
- X15 - 4-ways connector start key
- X16 - 2-ways connector conditioner clutch
- X17 - 21-ways connector lateral dashboard
- X18 - 5-ways connector power box
- X19 - 9-ways connector front dashboard
- X21 - 3-ways connector fuel level indicator
- XA - 2-ways connector alternator
- XAD - 2-ways connector diode
- XAM - 3-ways connector shut off valve
- XS - 6-ways connector instrument
- XT1 - 4-ways connector timer stop engine
- XT2 - 4-ways connector timer preheater

FUSES

- F3B - Switch + warning light fuse 7.5A
- F4A - 4WD-windshield wiper fuse 7.5A
- F7A - Monitor fuse 7.5A
- F7C - Fuel shut off fuse 7.5A
- FUG1 - General fuse 60A
- FUG2 - Preheater fuse 80A
- FUG3 - Stop motor fuse 30A
- FUG4 - Alternator fuse 70A

MidWestTech | Komatsu WB97R-2 Backhoe Loader Service Manual | Publication WEBM001000

Order the manual at mid-west-tech.com >