SHOP MANUAL

WEBM001701

PC95R-2

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC95R-2 21D5200330 and up

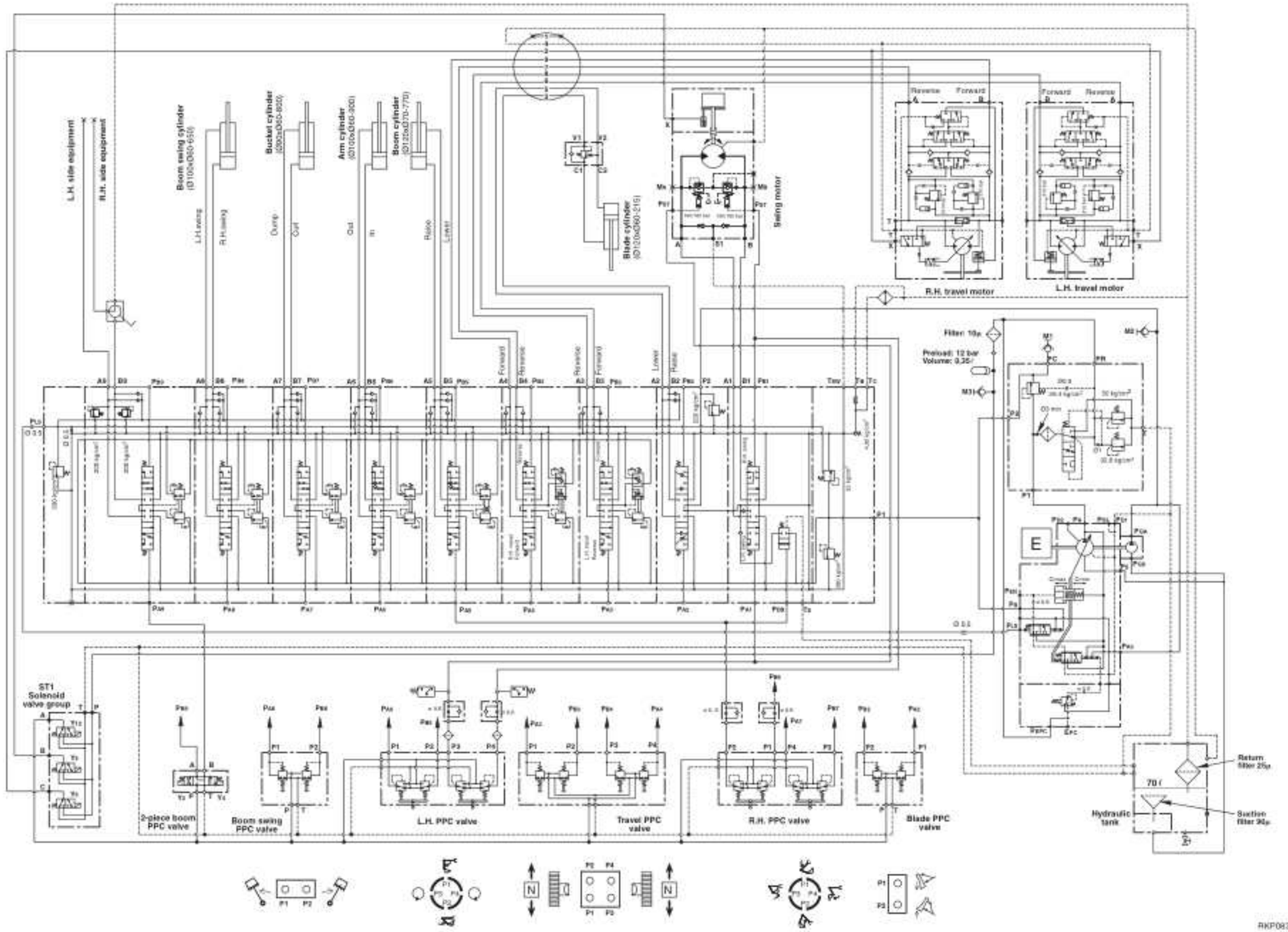
KOMATSU®

Utility

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HYDRAULIC DIAGRAM

STANDARD

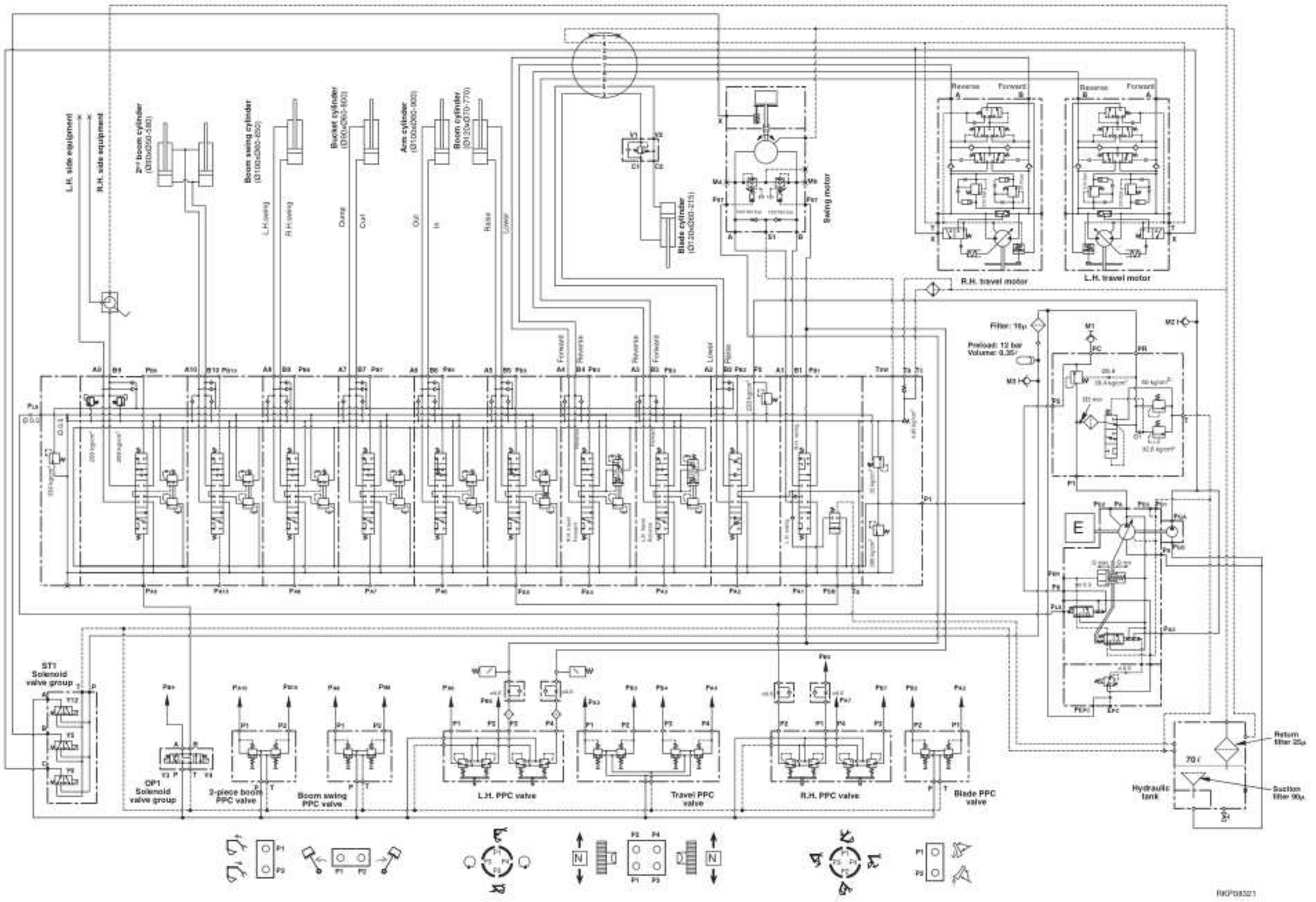


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HYDRAULIC DIAGRAM

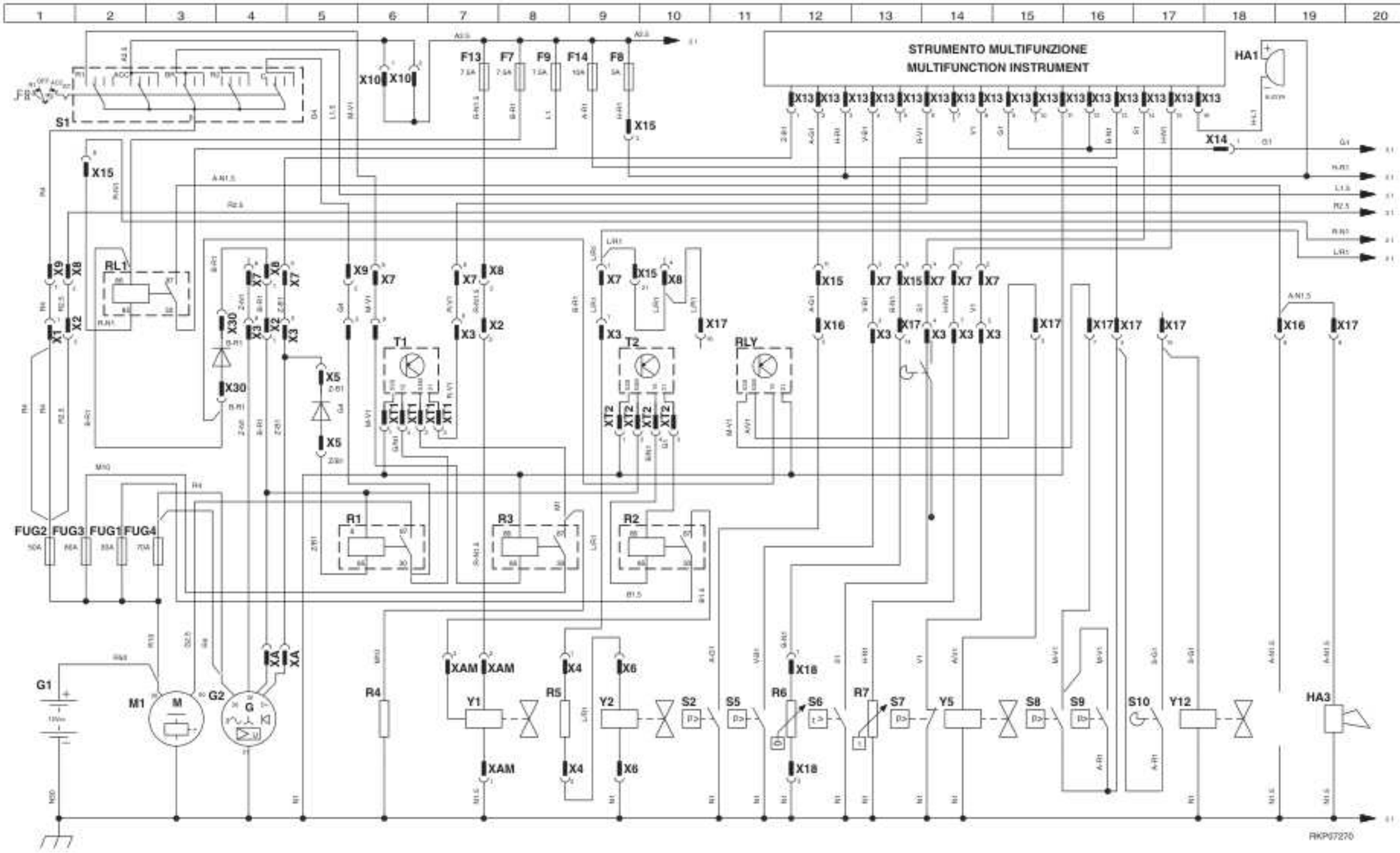
WITH 2 - PIECE BOOM



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ELECTRICAL CIRCUIT DIAGRAM (1/3)



COMPONENTS

G1 - BATTERY
G2 - ALTERNATOR
HA1 - BUZZER
HA3 - HORN LIGHT
M1 - STARTING MOTOR
R1 - STARTING RELAY
R2 - STOP MOTOR RELAY
R3 - PRE-HEATER START RELAY
R4 - PRE-HEATER START
R5 - RESISTOR
R6 - FUEL LEVEL INDICATOR
R7 - WATER TEMPERATURE SENDER
RL1 - HORN RELAY
RLY - TIMER SWING
S1 - SWITCH PANEL
S2 - BRAKE PRESSURE SWITCH
S5 - CLOGGING FILTER PRESSURE SWITCH
S6 - HIGH TEMPERATURE WATER THERMOSTAT
S7 - LOW PRESSURE MOTOR OIL SWITCH
S8 - 2ND SWING PRESSURE SWITCH
S9 - 1ST SWING PRESSURE SWITCH
S10 - ARM MICRO SWITCH
T1 - PRE-HEATER TIMER
T2 - STOP MOTOR TIMER
Y1 - STOP MOTOR SOLENOID VALVE
Y2 - MODE SYSTEM SOLENOID VALVE
Y5 - SWING BRAKE SOLENOID VALVE

CONNECTORS

X1 - POWER 3-WAY CONNECTOR
X2 - ENGINE LINE 4-WAY CONNECTOR
X3 - ENGINE LINE 9-WAY CONNECTOR MARK
X4 - ENGINE LINE 2-WAY CONNECTOR
X5 - DIODE 2-WAY CONNECTOR
X6 - MODE SYSTEM SOLENOID VALVE 2-WAY CONNECTOR
X7 - R.H. LATERAL DASHBOARD LINE 9-WAY CONNECTOR MARK
X8 - UNIT LINE 4-WAY CONNECTOR
X9 - POWER 3-WAY CONNECTOR
X10 - POWER 2-WAY CONNECTOR
X12 - SWITCHES PANEL 12-WAY CONNECTOR
X14 - 1-WAY CONNECTOR
X15 - R.H. LATERAL DASHBOARD LINE 21-WAY CONNECTOR MARK
X16 - LEFT FRONT LIGHT 11-WAY CONNECTOR
X17 - VALVES AND RIGHT FRONT LIGHT LINE 17-WAY CONNECTOR
X18 - FUEL LEVEL SENDER 3-WAY CONNECTOR
X30 - 2-WAY CONNECTOR
XA - ALTERNATOR LINE 2-WAY CONNECTOR
XAM - STOP MOTOR 3-WAY CONNECTOR
XT1 - TIMER PRE-HEATER 4-WAY CONNECTOR
XT2 - TIMER STOP MOTOR 4-WAY CONNECTOR

FUSES

F7 - TIMER, ALTERNATOR FUSE 5 SEC. 7.5A
F8 - MULTIFUNCTION INSTRUMENT POWER FUSE 5A
F9 - HORN FUSE 7.5A
F13 - ELETTROSTOP FUSE 7.5A
F14 - SERVOCONTROL SOLENOID VALVE FUSE 10A
FUG1 - STOP MOTOR FUSE 30A
FUG2 - GENERAL FUSE 50A
FUG3 - PRE-HEATHER FUSE 80A
FUG4 - ALTERNATOR FUSE 70A

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