KOBELCO

# SERVICE MANUAL

# HYDRAULIC EXCAVATOR

# SK100
# SK120
# SK120LC

Applicable: SK100 YWU1001~
SK120 LPU1001~
SK120LC YPU1001~

S5YPU0005E-00 01/95

MidWestTech | Kobelco SK100, SK120, SK120LC Hydraulic Excavator Service Manual | Publication S5YPU0005E

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Applicable models YWU1001~ LPU1001~ YPU1001~

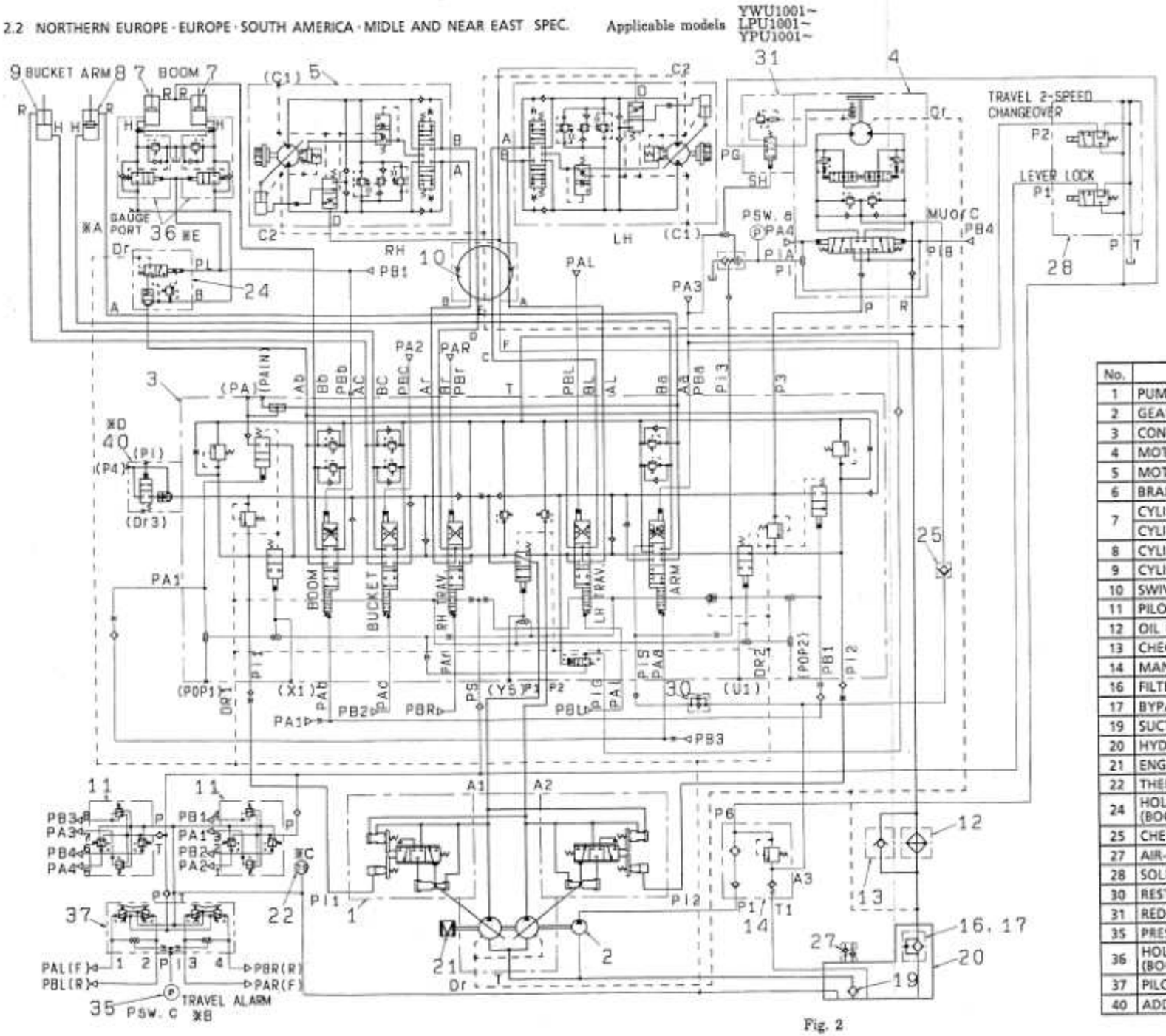



Fig. 2

| ※COUNTRY SPEC. | | N.E | E.U | S.A | M.E |
|---|---|---|---|---|---|
| ※A | GAUGE PORT | ○ | ○ | × | × |
| ※B | TRAVEL ARARM | OPT | × | × | × |
| ※C | THERMO SW. | ○ | ○ | × | × |
| ※D | ADD ON VALVE | ○ | ○ | × | × |
| ※E | BOOM SAFETY | OPT | OPT | × | × |

NOTE ○ ; Available
× ; Not available
OPT ; Option

| No. | NAME | FOR LPU, YPU | FOR YWU |
|---|---|---|---|
| 1 | PUMP | K3V63DT-120R-2N07 | K3V63DT-120R-2N07-1 |
| 2 | GEAR PUMP | 2437U507F1 | ← |
| 3 | CONTROL VALVE | KMX13D/23005 | KMX13D/23015 |
| 4 | MOTOR ASSY | MF80D-026 | M2X63A08-11A-02 |
| 5 | MOTOR | GM17V3-B-46/82 | ← |
| 6 | BRAKE VALVE | — | — |
| 7 | CYLINDER | NABCO 2438U1134F1 (L) | NABCO 2438U1123F1 |
| | CYLINDER | NABCO 2438U1133F1 (R) | NABCO 2438U1126F1 |
| 8 | CYLINDER | NABCO 2438U1132F1 | NABCO 2438U1125F1 |
| 9 | CYLINDER | NABCO 2438U1131F1 | NABCO 2438U1097F2 |
| 10 | SWIVEL JOINT | 24100U1524 | ← |
| 11 | PILOT VALVE | TH40K1154 | ← |
| 12 | OIL COOLER | — | — |
| 13 | CHECK VALVE | 2436R393S4 | ← |
| 14 | MANIFOLD BLOCK | 2436U2756F3 | ← |
| 16 | FILTER ELEMENT | 2446R147 | ← |
| 17 | BYPASS VALVE | 2446U11953 | ← |
| 19 | SUCTION STRAINER | 2446R307F2 | ← |
| 20 | HYDRAULIC TANK ASSY | — | — |
| 21 | ENGINE ASSY | CUMMINS 4BT3.9 | ← |
| 22 | THERMO SWITCH | 2479R2348 | ← |
| 24 | HOLDING VALVE (BOOM LOCK) | 2436U2623F2 | ← |
| 25 | CHECK VALVE | 2436U1171D31 | ← |
| 27 | AIR-BREATHER | 2446R260F1 | ← |
| 28 | SOLENOID VALVE | 2436U2590F2 | ← |
| 30 | RESTRICTOR VALVE | 2436U1282D2108 | ← |
| 31 | REDUCING VALVE | TOSHIBA | 2436U1283F1 |
| 35 | PRESSURE SWITCH a, c | 2479U1379 | ← |
| 36 | HOLDING VALVE (BOOM SAFETY) | 2436U1328F2 | ← |
| 37 | PILOT VALVE | 2436U2755F1 | ← |
| 40 | ADD ON VALVE | 2436U1310F1 | ← |



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