CASE

PROFESSIONAL PARTNER

REPAIR MANUAL

COMPACT CRAWLER EXCAVATOR

CX17B

ASN PU08-05001~

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3.1 BOOM

3.1.1 BOOM DIMENSIONAL DRAWINGS

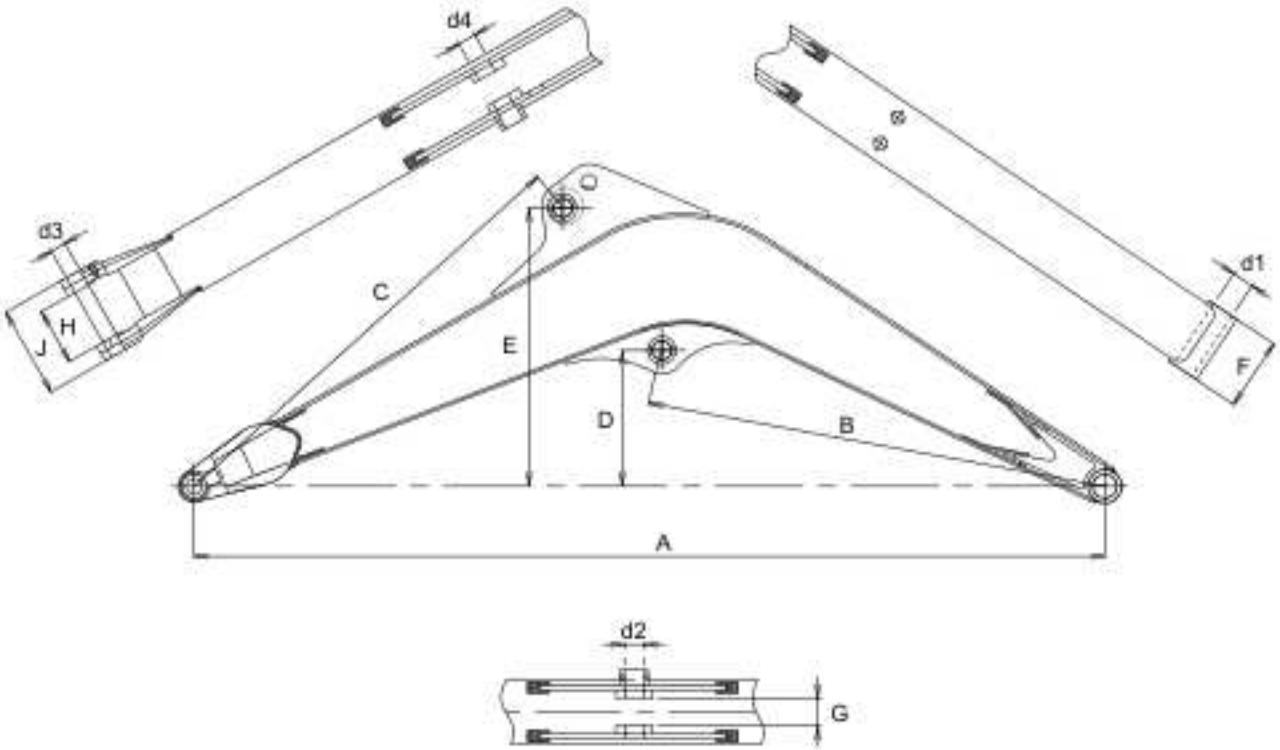


Fig. 3-1 Boom Dimensional Drawings

Table 3-1

Unit: mm(ft-in)

No.	NAME	DIMENSIONS
A	Boom length	1750 (5'8.90")
B	Distance between pins of boss	R890.5 (R2'11.06")
C	Distance between pins of bracket	R887.5 (R2'10.94")
D	Height of boom cylinder rod pin	261 (10.28")
E	Height of arm cylinder (head side) pin	535 (1'9.06")
F	Boom foot width	140 (5.51")
G	Inner width of bracket for boom cylinder (rod side) mounting	51 (2.01")
H	Boom end inner width	110 (4.33")
J	Boom end outer width	176 (6.93")
K	Inner width of bracket for arm cylinder (head side)	51 (2.01")
d1	Boom foot pin diameter [Bushing outer diameter]	ø35 (ø1.38") [ø45 (1.77")]
d2	Boom cylinder (rod side) pin diameter	ø35 (1.38")
d3	Pin diameter of arm end	ø30 (1.18")
d4	Arm cylinder (head side) pin diameter	ø35 (1.38")

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(4) Disconnecting harness

See Fig. 48, Fig. 49 and Fig. 50 to disconnect the harness connected to the electrical equipment and main harness.

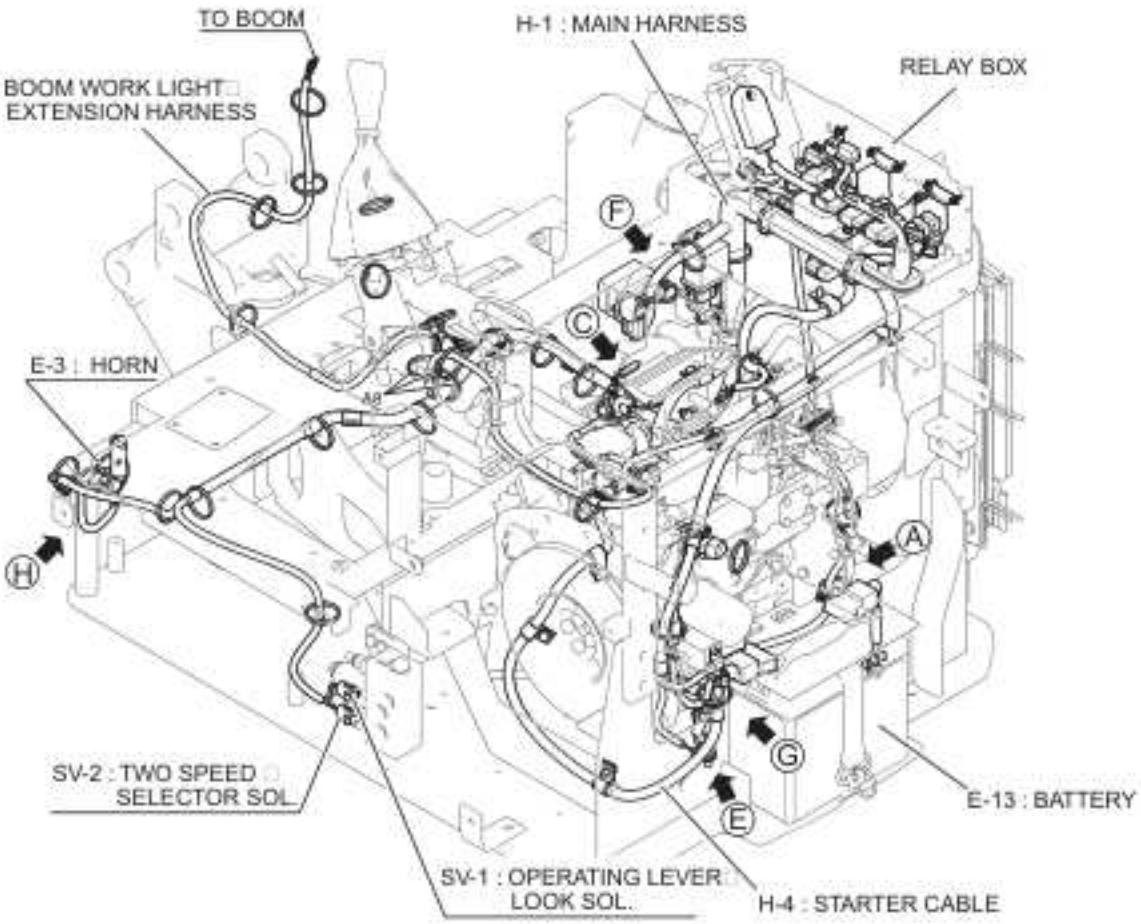


Fig. 33-48 Disconnecting harness

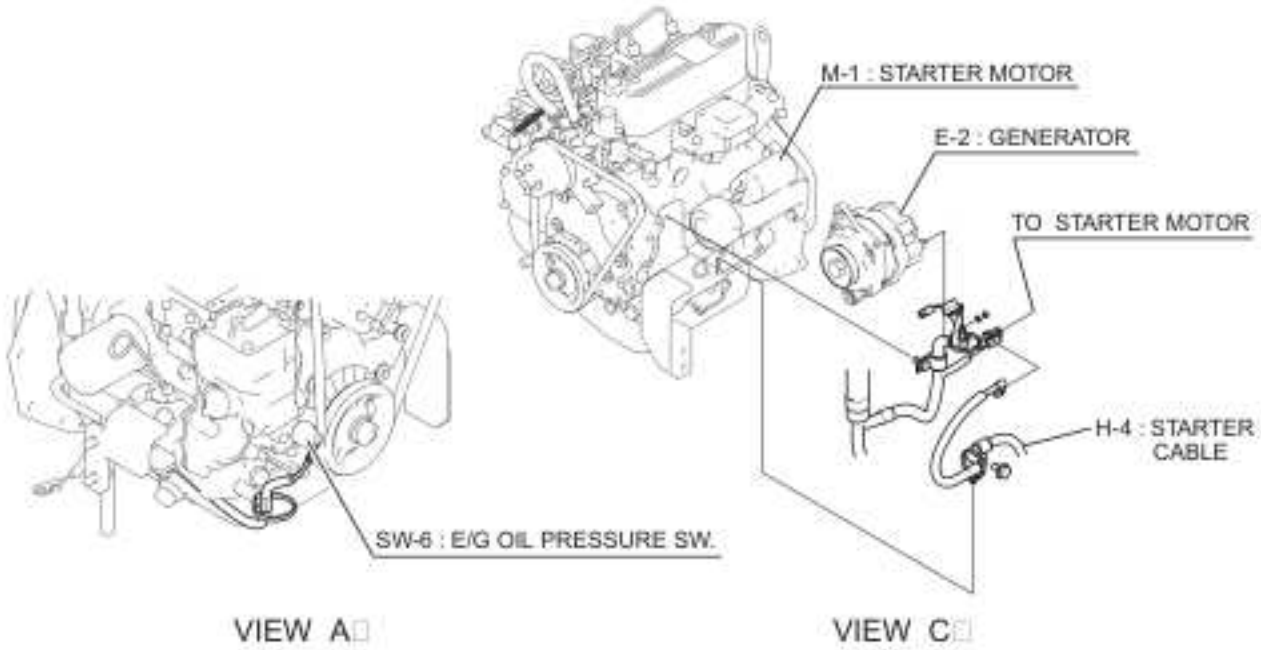
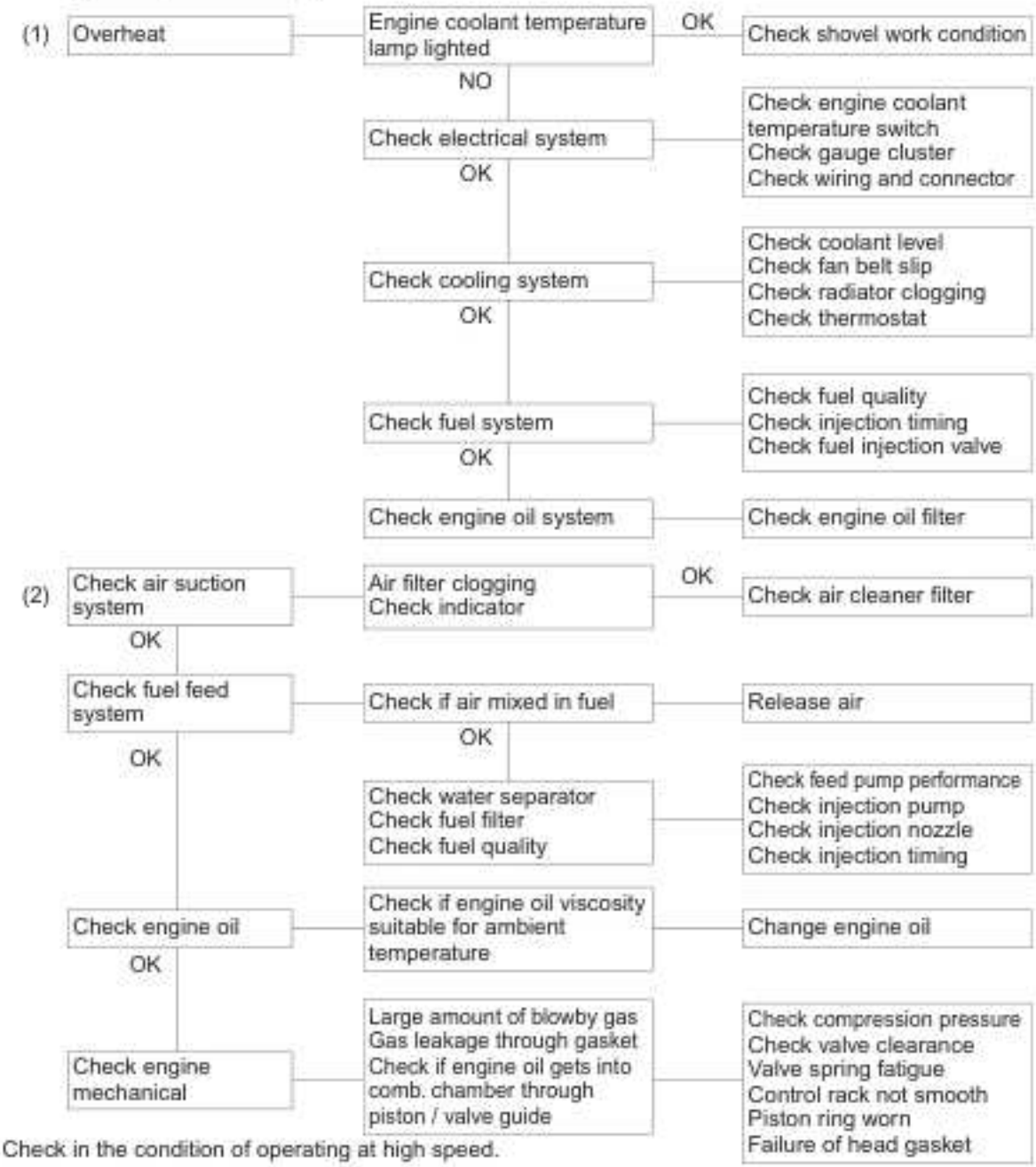


Fig. 33-49 Disconnecting harness (1/2)

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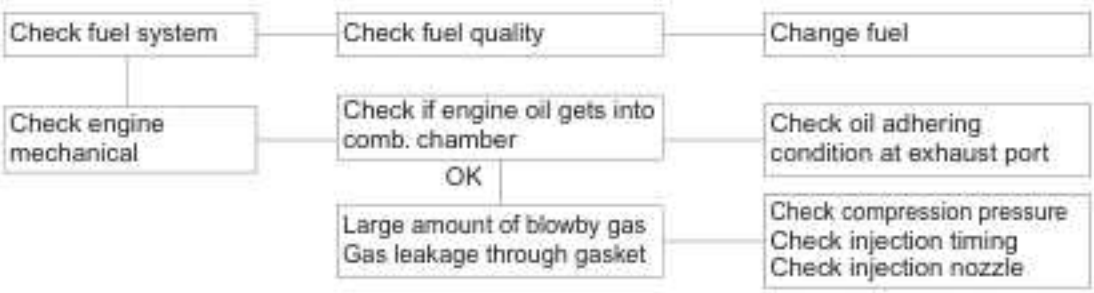
44.2.3 Output drops down

44.2.3.1 Engine output not enough



Note: Check in the condition of operating at high speed.

44.2.3.2 Knocking at high temperature



Note: Check in the condition at engine coolant temperature of more than 50°C. (122°F)

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⚠ CAUTION

About warning labels

Maintenance of warning labels

Make sure all warning/caution labels are legible.

Clean or replace the warning/caution labels the description and/or illustration of which cannot be seen clearly.

For cleaning the warning/caution labels, use a cloth, water and soap. Do not use cleaning solvents, gasoline or other chemicals to prevent the letters from getting blurred or the adhesion from being weakened.

Replace damaged or fractured labels with new ones.

If any engine part on which a warning label is attached is replaced with a new one, attach a new identical warning label to the new part.

To obtain replacement warning labels, contact a Mitsubishi dealer.

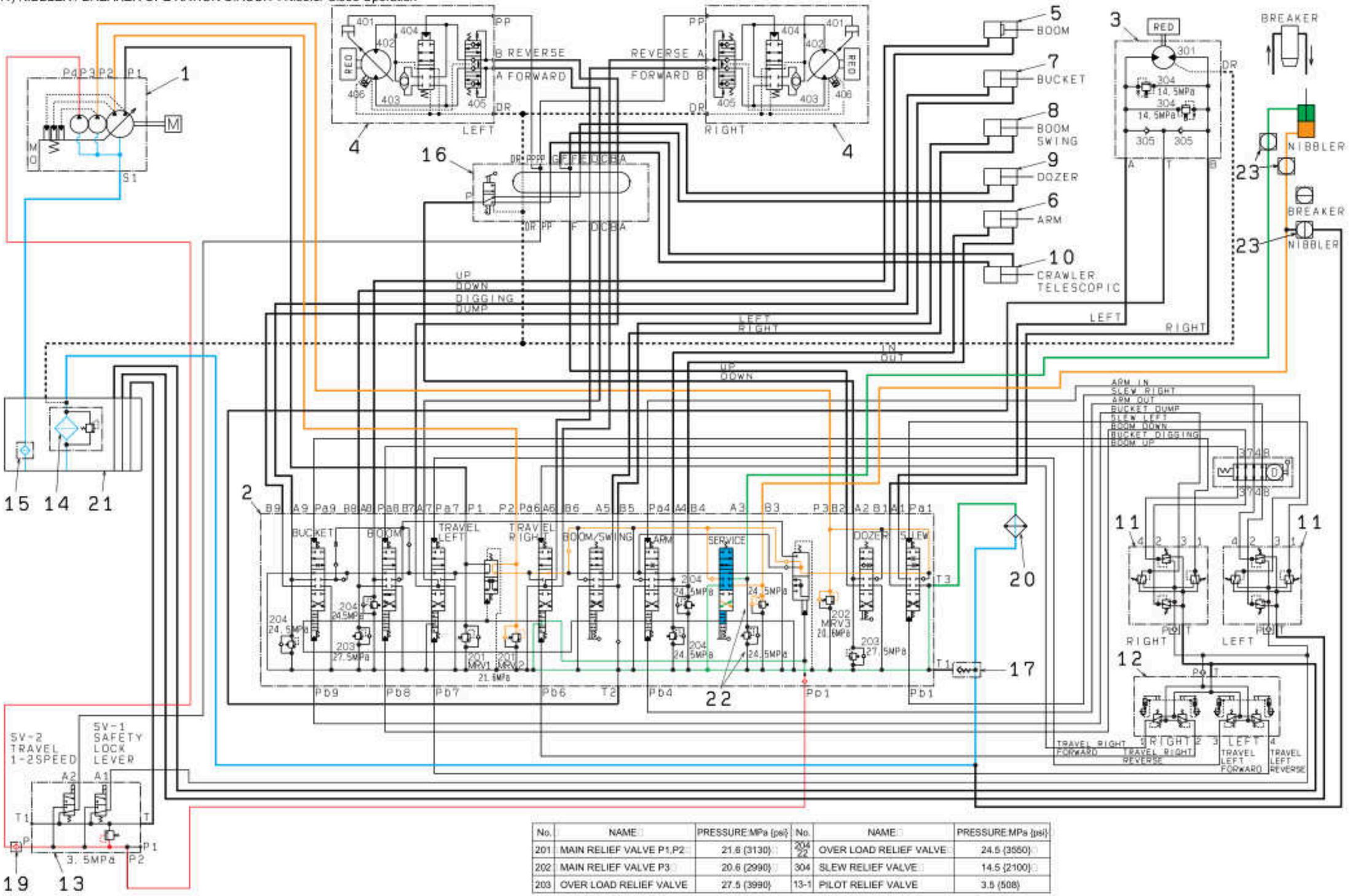


Warning labeles

X

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(11) NIBBLER / BREAKER OPE RATION CIRCUIT : Nibbler Close Operation



No.	NAME	PRESSURE MPa {psi}	No.	NAME	PRESSURE MPa {psi}
201	MAIN RELIEF VALVE P1,P2	21.6 {3130}	204 22	OVER LOAD RELIEF VALVE	24.5 {3550}
202	MAIN RELIEF VALVE P3	20.6 {2990}	304	SLEW RELIEF VALVE	14.5 {2100}
203	OVER LOAD RELIEF VALVE	27.5 {3990}	13-1	PILOT RELIEF VALVE	3.5 {508}

Fig. 71-12

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