SERVICE MANUAL

E80BMSR
Excavator

Print No. 84365680B

NEW HOLLAND CONSTRUCTION

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1. OUTLINE

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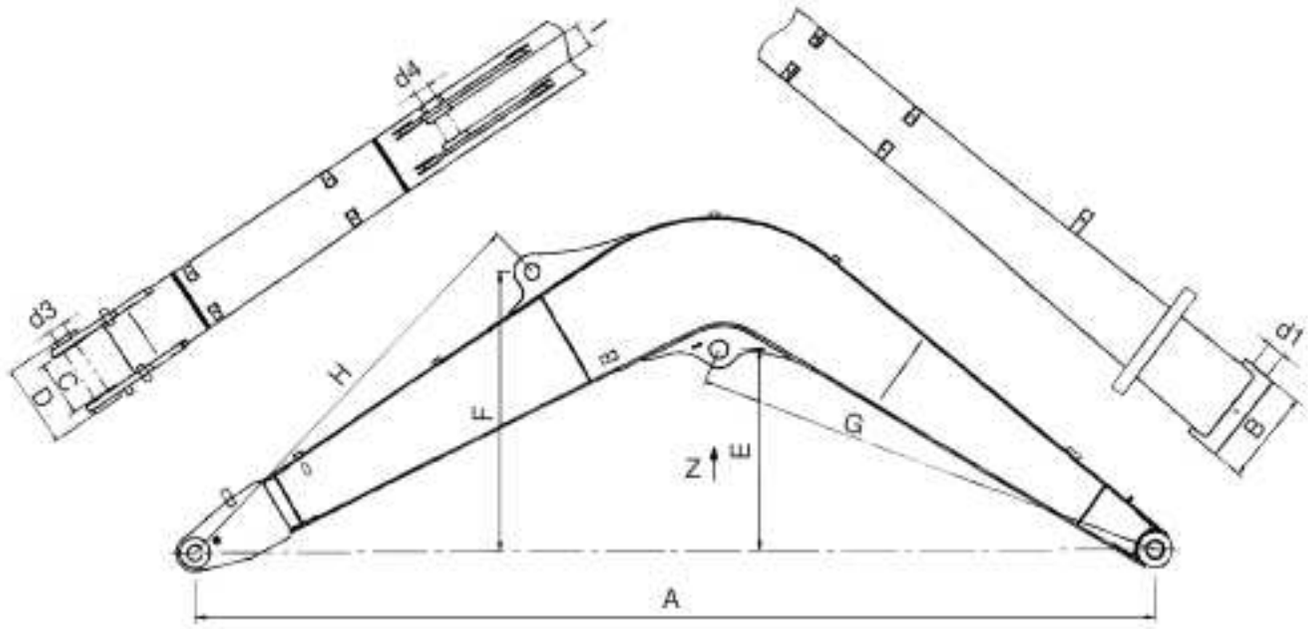
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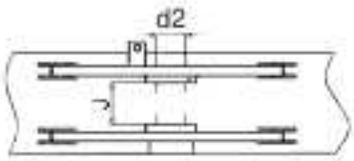
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3.1 BOOM

3.1.1 BOOM DIMENSIONAL DRAWING





ZIEW Z

Boom Dimensional Drawings

3.67M (12ft-1in) BOOM		STD
		LF02B00022P1
No.	NAME	DIMENSIONS: mm (ft-in)
A	Boom length	3,670 (12'5")
B	Boom foot width	360 (14.2")
C	Boom end inner width	215 (8.46")
D	Boom end outer width	303 (11.9")
E	Height of boom cylinder rod pin	762 (30")
F	Height of arm cylinder (head side) pin	1,102 (3'7")
G	Distance between pins of boss	R1,858.5 (6'1")
H	Distance between pins of bracket	R1,730 (5'8")
I	Arm cylinder (head side) inner width	100 (3.94")
J	Inner width of bracket on the boom cylinder (rod side) mounting section	100 (3.94")
d1	Boom foot pin dia.	60 dia. (2.36")
d2	Boom cylinder (rod side) pin dia.	70 dia. (2.76")
d3	Pin dia. of boom end.	60 dia. (2.36")
d4	Arm cylinder (head side) pin dia.	60 dia. (2.36")

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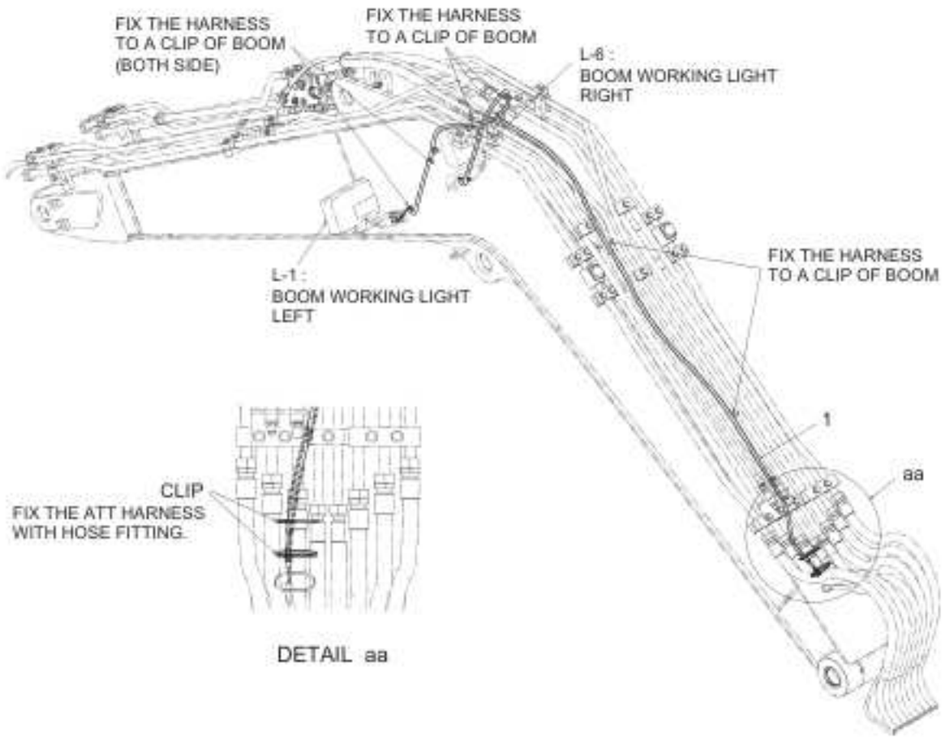
23.3.9 BOOM HARNESS ASSY

23.3.9.1 BOOM HARNESS : LF15E01002P1

23.3.10 BOOM LIGHT INSTALL

BOOM HARNESS ASSY

BOOM HARNESS ASSY		LE15E00003F1	(01)	
ITEM	PART NAME	PART No.	Q'TY	REMARKS
1	HARNESS	LF15E01002P1	1	BOOM HARNESS



DETAIL aa

BOOM HARNESS : LF15E01002P1

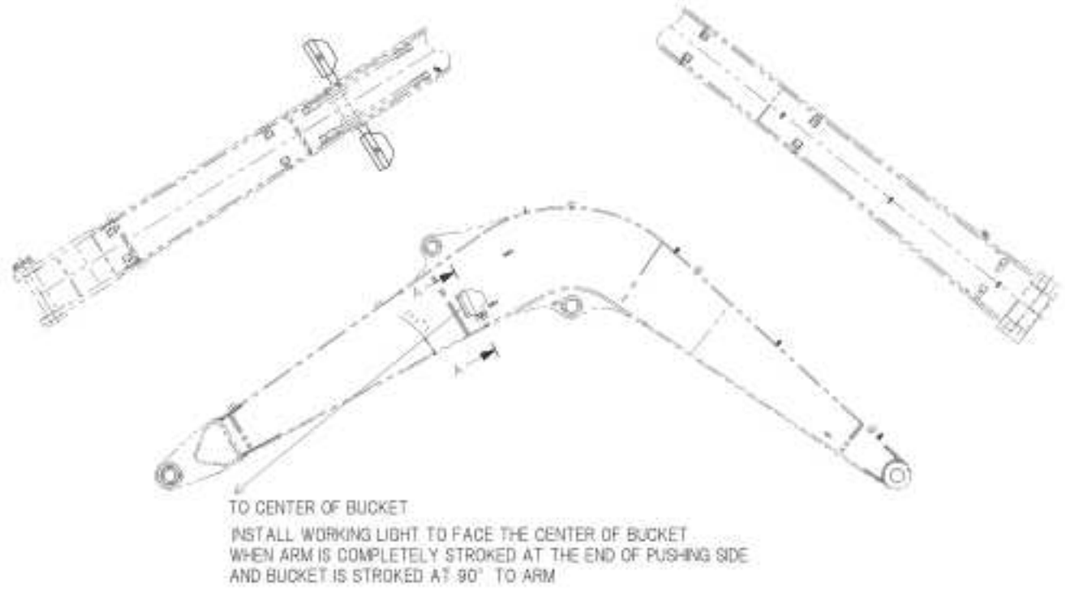


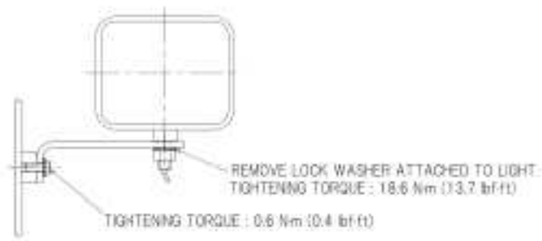
CONNECTORS SELECTION TABLE

CONNECTOR NAME (PIN NUM.)	MANUFAC.	(PART NUMBER) HOUSING	TERMINAL
1MA-CNA	AMP	172127-1	170340-1
CB104	AMP	170888-1	170093-5

BOOM LIGHT INSTALL

BOOM LIGHT INSTALL		LE80E00002F2	(05)	
ITEM	PART NAME	PART No.	Q'TY	REMARKS
1	LIGHT	YN80S00012F1	2	





SECTION AA

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Table 46-3

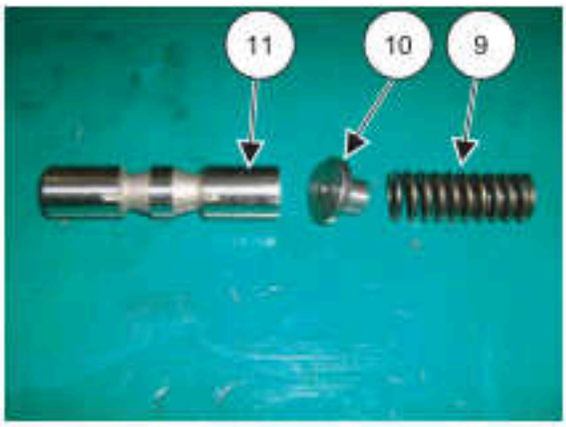
Error code		A225		
Trouble		The data of ROM adjustment is written incorrectly.		
Judging condition		Check adjustment data, and judge the data is correct or not.		
Symptom		It is not normal output, but no problem in normal operation		
Control in the event of failure		Control can be done by default value.		
Returned in normal condition		It does not regain. Replace controller.		
Service diagnosis checking screen		Screen No.		
		Screen No.		
		Screen No.		
Checking object				Checking contents and remedy
1	Mechatro controller			Check that the error is corrected after replacement of controller.
2				
3				

Table 46-4

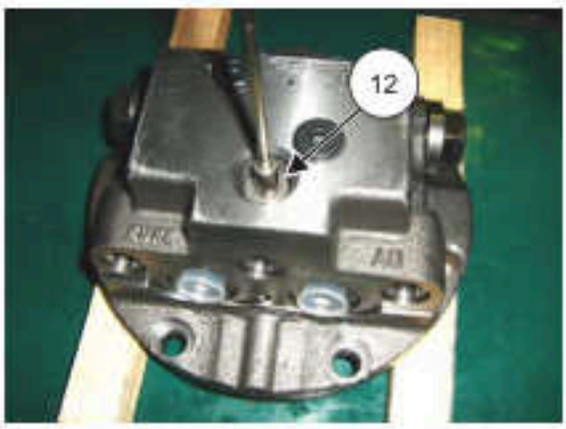
Error code		A235		
Trouble		The data of ROM hourmeter is written incorrectly.		
Judging condition		Check hourmeter memory, and judge the data is correct or not. (Trouble history only)		
Symptom		No affect.		
Control in the event of failure		Control at side of correct memory data.		
Returned in normal condition		It does not regain. Replace controller.		
Service diagnosis checking screen		Screen No.		
		Screen No.		
		Screen No.		
Checking object				Checking contents and remedy
1	Mechatro controller			Check that the error is corrected after replacement of controller.
2				
3				

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8. Remove the spring (9), pusher (10), and spool (11) from the motor cover. These parts are located under the cover (8).



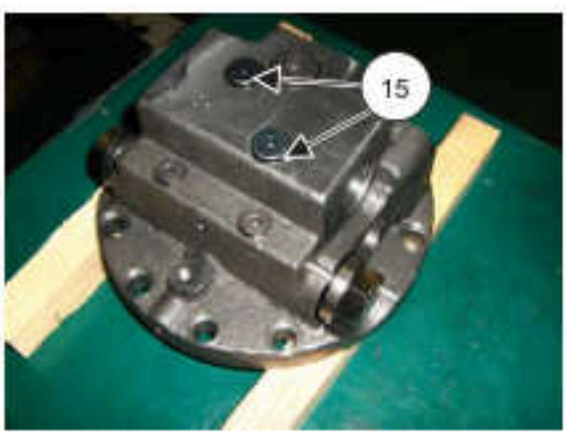
9. Remove the plug (12) from top of the motor cover.



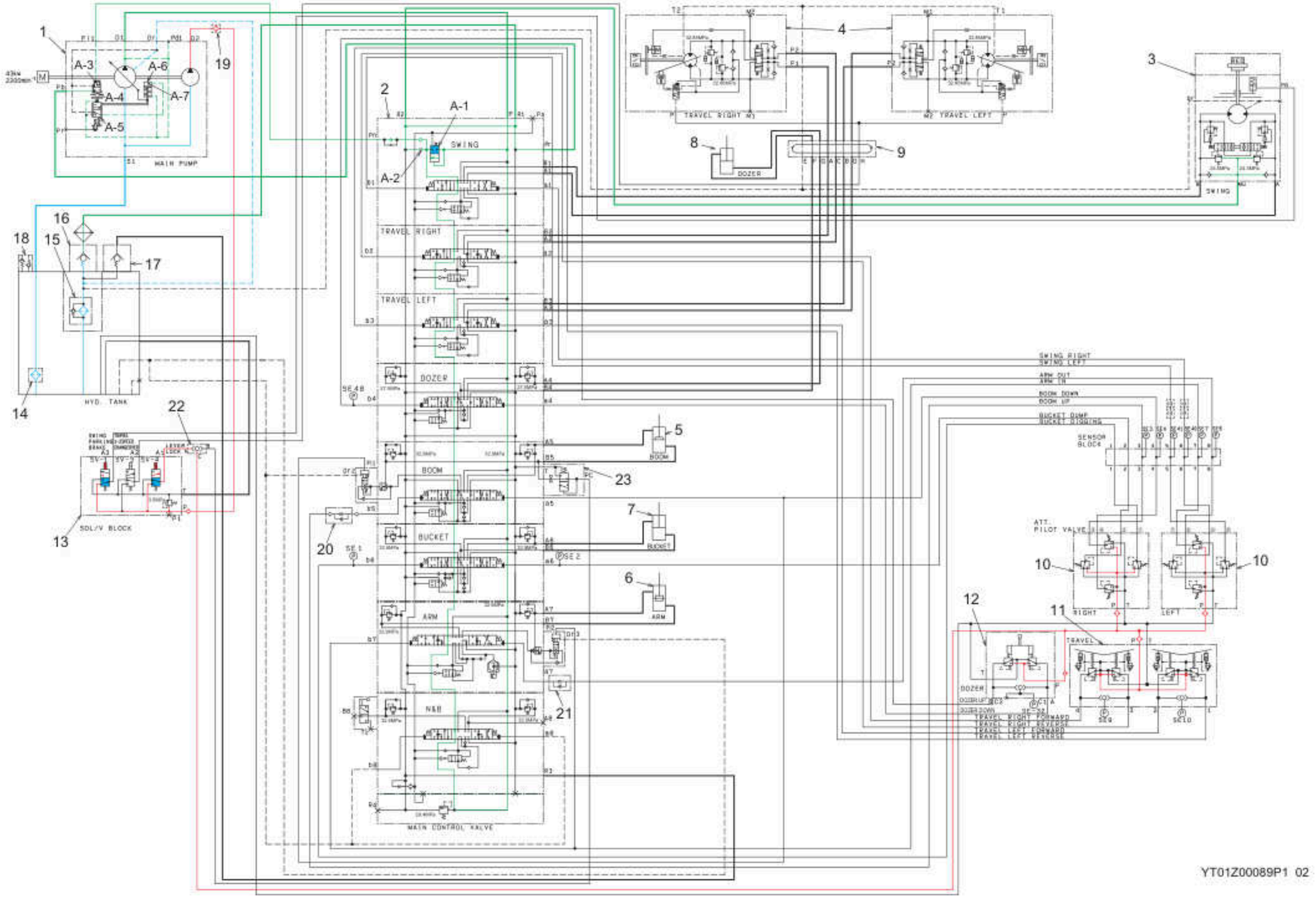
10. Remove the spring (13) and spool (14) from the motor cover. These parts are located under the plug (12).



11. Remove 2 plugs (15).



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YT01Z00089P1 02

Neutral circuit: Safety lock lever ON

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