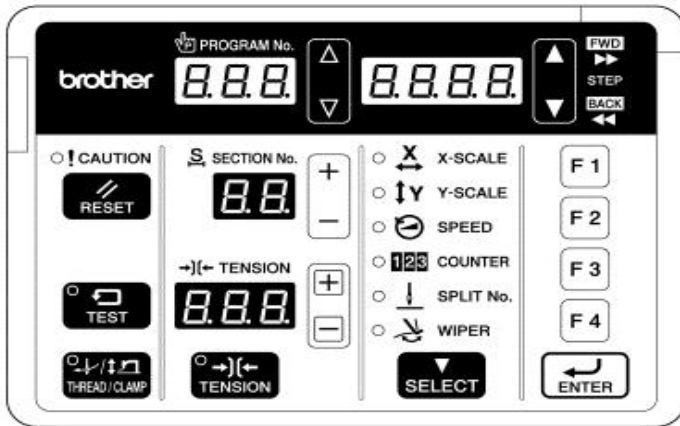


■ No. 2014-119 ■ Date: 2014/2/7

Model : BAS-311H

Title : BAS-311H Function Setting

BAS-311H Function Setting



Program Copy

TEST + SELECT

Cycle Program

TEST + []

Pattern Parallel Movement

TEST + []

Data Read/Write

TEST ENTER

- r 1 : Read Pattern Data
- w 2 : Write Pattern Data
- r 3 : Read Memory Switch
- w 4 : Write Memory Switch
- r 5 : Read Sewing Program
- w 6 : Write Sewing Program
- r 7 : Read All Data
- w 8 : Write All Data
- w 9 : Write Error Log

Bobbin Thread Counter

TEST + []

Indicate of Bobbin Counter

ENTER + F 2

Bobbin Winding

ENTER + []

Production Counter

TEST + []

Indicate Production Counter

ENTER + F 1

Threading

THREAD/CLAMP

Special Function Setting

Data Initialize

RESET + ON

- 1: All Clear
- 2: Memory Switch
- 3: All Sewing Program
- 4: User & Cycle Program

Memory SW Setting(Operator)

TEST TENSION

Input Checking

[] + ON

Software Version Upgrade

[] + TEST + [] + ON

- 1 : Main
- 2 : Motor
- 3 : Panel

Memory SW Setting (ALL)

# 000-099	Clamp lifter/pedal
# 100-199	Main motor
# 200-299	Feed mechanism
# 300-399	Panel operation
# 400-499	Sewing program
# 500-599	Device mechanism
# 600-699	Error processing
# 700-799	Maintenance
# 800-899	Destination
# 900-999	Model peculiarity

Output Checking

[] + ON

Check Software Version

[] + ON

Maintenance Information

F 1 + ON

1 : Total of Stitch Count(X10K)

Motor Reference Position

[] [] [] + ON

- 1 : Rotate one rotation (check signal)
- 2 : Set below measurement, press ENTER key.
- 6.55mm lower from needle bar highest position
- Upper shaft rotate angle : 56 degrees
- 03 : 51.91mm from needle plate
- 05,-07 : 57.01mm

Protect Setting

RESET TEST ENTER + ON

OFF	Allowed Changing All
LEVEL	Strong<----->Weak
1,2,3,4,5,6	1<----->6
LEVEL7	Individualized Setting

Protect Setting w/ SD Card

[] + RESET TEST ENTER ON

Protecting function is possible by the SD card insertion.
It is not possible to change in the lock function without the SD card.

Err log

[] + ON

Display of stitch count when error occurs if it pushes when error log is being []

Pulse Motor Home Position

[] [] + ON

Indicate Serial Number

Confidential(brother stuff only)

[] [] + ON

Treadle Unit Stroke

[] [] + ON

Needle Up Position

[] [] + ON

Head Detector Recovery

SELECT THREAD/CLAMP + ON

Optional Input List

Optional Input #	Input Signal		Connector	
	Usage	Condition	Conn. #	Pin #
1	Ejector right sensor	Memory SW560=1,2	P10 (EX_IN1)	2
2	Ejector Left Sensor			
	Start Prohibited Signal	Memory SW569=1,2,3		5
3	Reset Switch	Memory SW650=2		8
4	T. Trimmer Valve Sensor	Memory SW164=OFF		11
5	---	---		14
6	Prog. # Input Bit_0	Memory SW354=1,2 Memory SW355=ON	P11 (EX_IN2)	2
7	Prog. # Input Bit_1			
8	Prog. # Input Bit_2			
9	Prog. # Input Bit_3			
10	Prog. # Input Bit_4			14
11	Thread Nipper Front Sensor	Memory SW500 オフ	P34 (EX_IN3)	2
12	Thread Nipper Rear Sensor			
13	Pneumatic Switch	Memory SW558 オフ	P35 (EX_OUT1)	12
14	Thread Breakage Sensor	Memory SW554=ON	P9	5

Optional Output List

Optional Output #	Output Signal		Connector	
	Usage	Condition	Conn. #	Pin #
1	2 Stage tension	Memory SW564=ON	P35 (EX_OUT1)	5
2	Pneumatic Wiper	Memory SW557=2		6
3	Ejector	Memory SW560=1,2,3		7
4	Right Clamp Flip-Flop Prog. # Output Bit_0	Memory SW55=1,2 Memory SW95=ON	P12 (AIR2)	1
5	Left Clamp Flip-Flop Prog. # Output Bit_1	Memory SW55=1,2		2
6	Prog. # Output Bit_2	Memory SW951=ON		3
7	Prog. # Output Bit_3			4
8	---	---		5
9	Signal Tower Green	Memory SW559=ON		6
10	Signal Tower Yellow			7
11	Signal Tower Red		8	
12	Needle Cooler	Memory SW550 ON		8
13	Flip Flop Device or Bobbin Thread Detector	Memory SW556=1,2,3 Memory SW569=1,2,3	P35 (EX_OUT1)	4
14	---	---		3
15	Left Clamp	When 2 Stage Clamp used		2
16	Right Clamp	For Pneumatic Specification		1
17	Pneumatic Thread Handler	Memory SW575=ON	P13 (AIR3)	1
18	Pneumatic T. Trimmer	Memory SW164=ON		2
19	—	—		3
20	—	—		4