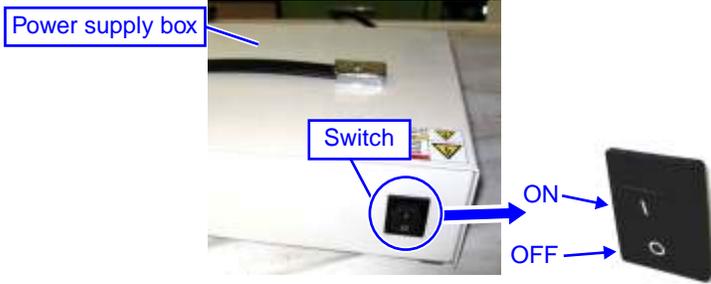# Program Installation Method (ESP9100, 9106)
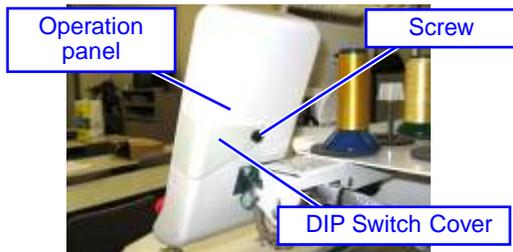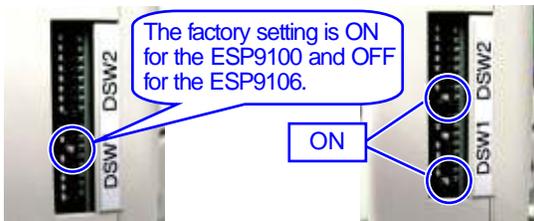
1. Confirm that the switch on the power supply box is OFF. (If the power is ON, switch it OFF.)

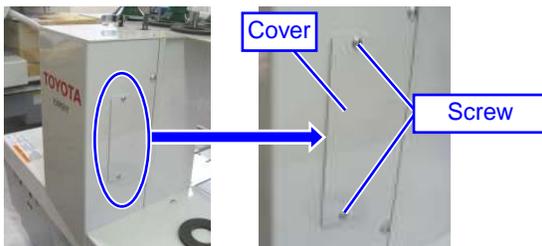Power supply box

Switch

ON

OFF

2. Operation panel rear: Remove the DIP switch cover screw, then remove the cover.

Operation panel

Screw

DIP Switch Cover

3. Switch ON DSW1-1 and DSW2-1. (The factory setting of DSW1-6 for ESP9106 is OFF)

The factory setting is ON for the ESP9100 and OFF for the ESP9106.
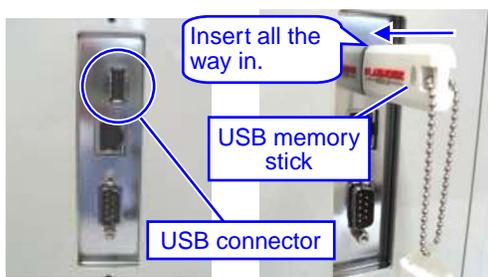
ON

4. Remove the two screws and the cover. This cover may already be removed.

Cover

Screw

5. Insert the USB memory stick into the USB connector.

* Must be 1 GB or less.

Insert all the way in.

USB memory stick

USB connector

6. Switch ON the power switch.

Switch ON

Power supply box

7. By pressing the SET key on the operation panel, LCD changes from Figure A to Figure B.
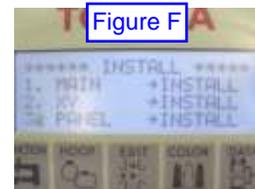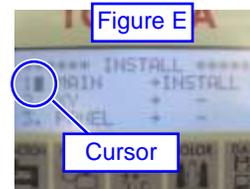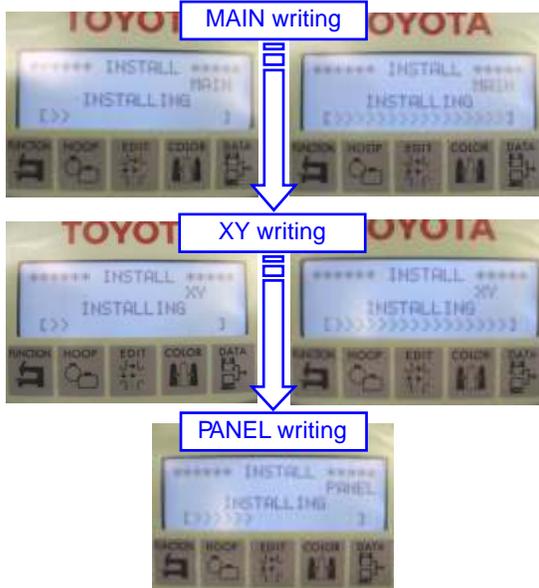
Figure A

SET key

Figure B

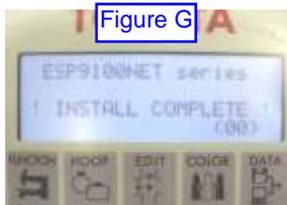**8.** Use the hoop travel keys to prepare for the MAIN, XY, and PANEL writing.
1) By pressing the hoop travel key C, LCD changes from Figure B to Figure E.
2) By pressing the hoop travel key D, the cursor moves from 1 to 2, then press C for preparation.
3) By repeating the above procedure until "INSTALL" show for 1. MAIN, 2. XY, and 3.PANEL as shown in Figure F.

Hoop travel keys

C

D

Figure E

Figure F

Cursor

9. When you press the SET key, the writing is executed automatically in the order MAIN, XY, and PANEL.
   * Never switch OFF the power or unplug the power cord during writing.
   * If the power is switched OFF during the writing or for any reason an error message appears that writing failed, contact Data Stitch at 800-765-1004.

MAIN writing

XY writing

PANEL writing

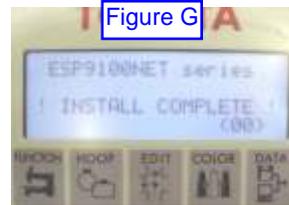**10.** When the screen in Figure G appears, switch OFF the power.

Figure G

11. Leave the dip switch settings and, switch ON the power. Press SET.
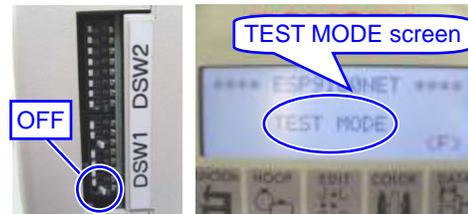
SET key

Use the hoop travel keys to highlight PANEL ONLY. (Panel must be written twice) Follow the instructions in Step 8 to prepare for PANEL writing. Press SET to begin writing PANEL for the second time.
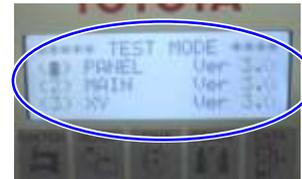
12. When the screen in Figure G appears, switch OFF the power.

Figure G

13. Switch OFF DSW2-1, then switch ON the power. The TEST MODE screen appears.

TEST MODE screen

OFF

14. Program version by pressing SET key. If they are correct, select PANEL and press SET key.

Confirm that the versions are PANEL: Ver. 3.0; Main:Ver. 3.0; XY:Ver. 3.0.
   * If any of the version numbers are wrong, write just that part again.

15. The following screen appears when selecting PANEL.

16. Select "MEMORY INITIAL" and press SET key. Initialization will start automatically.

17. Switch OFF the power, then switch OFF DSW1-1.

OFF