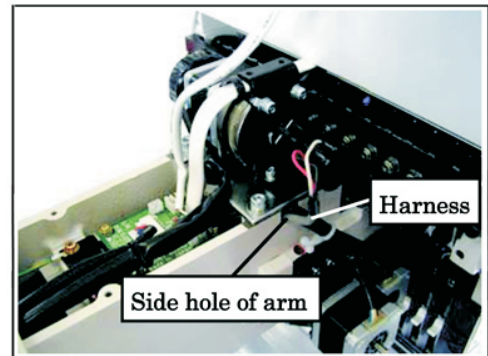
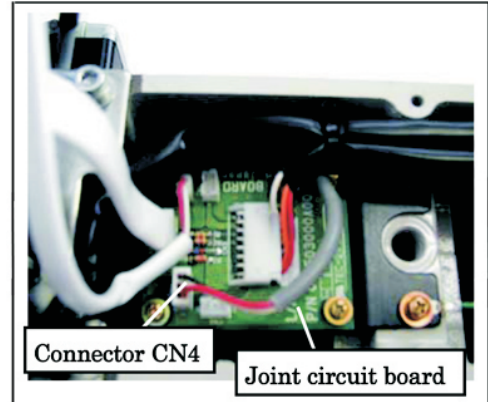


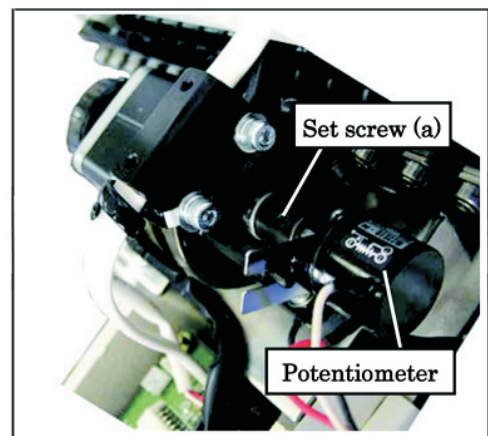
Potentiometer Replacement

[Removal]

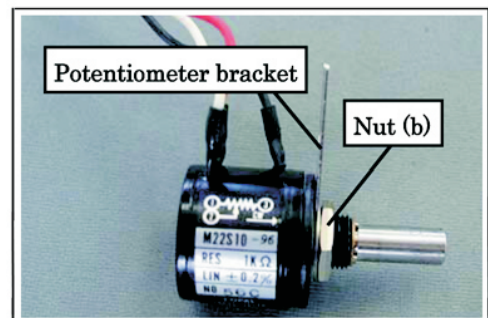
1. Set the needle position to "15" by turning the change wheel.
2. Remove the joint circuit board cover and the color change cover. (See: page.61 and after)
3. Disconnect the connector CN4 on the joint circuit board, and pull the harness off the side hole of the arm.



4. Loosen the set screw (a), and remove the
5. potentiometer.

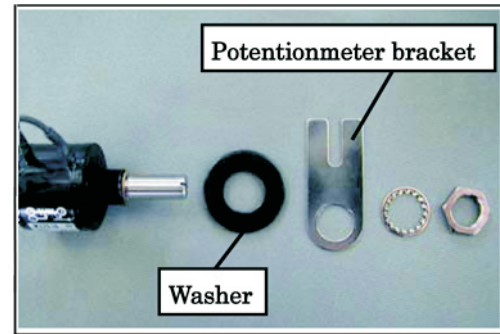


6. Remove the nut (b), and remove the potentiometer bracket.



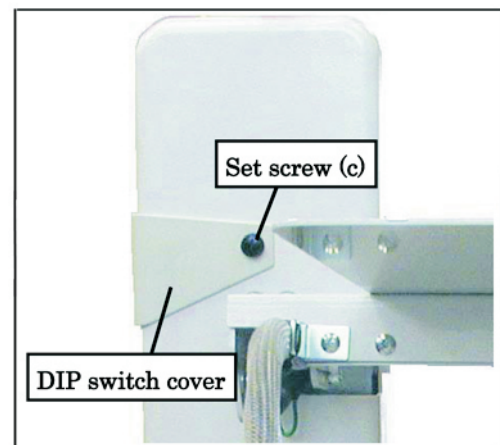
Important

Don't lose the potentiometer bracket and the washer. They are necessary to install the new potentiometer.

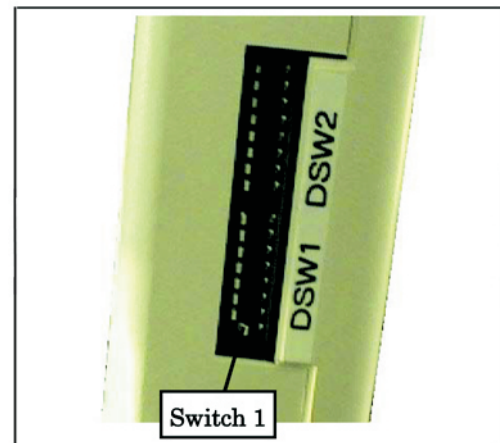


[Reassembling]

1. Reassemble the potentiometer bracket and washer on the potentiometer.
2. Insert the connector from the side hole of the arm, and connect it on the joint circuit board.
3. Remove the set screw (c) on the back face of operation panel, and remove the DIP switch cover.



4. Turn ON the DS1-1 switch on the side face of the operation panel.
5. Turn ON the power supply.
6. Press the SET key in TEST MODE on the operation panel. **See TEST MODE Page**
7. Select "<2> main" by POSITION key and then press the SET key.
8. Set the number at the lower right display to "200" by turning the potentiometer shaft slowly by hand. Put the potentiometer into the cam so that its shaft turns as less as possible.
9. Fix the potentiometer with the set screw (a). (Fig. 3)



[Note]

At this time, confirm the set screw (d) for change cam and the set screw (e) for change wheel are positioned at right overhead (in the direction of 12 o'clock). If number at the lower right display is not "200", loosen the potentiometer set screw and turn the potentiometer shaft to make fine adjustment.

10. Turn OFF the power supply.
11. Turn OFF the DS1-1 switch.
12. Reassemble each cover.

