

1335
PROGRAMMING SEQUENCE FOR PANASONIC D7 MOTOR
(SMALL PROGRAMMER MPUR01A10)

Note: To adjust parameters for this motor after initial programming, start with step number 10.

1. Turn off power to machine.
2. Plug in the small Panasonic programmer.
3. Hold ENTER and MODE "+", Turn on the power. Continue holding down buttons for 8 seconds, until 106 Y2 is displayed on screen.
4. Double-click the "ENTER" button to exit parameter mode.
5. Turn off the power.
6. Turn the speed control on the motor to the minimum.
7. Turn on the power.
8. Run the sewing head for a few seconds (at least 5) to set the pulley ratio in the Panasonic Motor. Pressing the sew pedal will cause the head to sew.
9. Turn off the power.
10. Turn on the power.
11. Press MODE "+" several times until the word parameter is displayed on the screen.
12. Double-click the "ENTER" button to enter parameter mode.
13. Using the MODE "+" and "-" buttons to locate the parameter and the DATA "+" and "-" buttons to adjust the individual parameter, set the following parameters:
 - 132 = 100 (positioning speed)
 - 135 = 3500 (maximum speed)
 - 605 = 64 (foot modulation On-time)
 - 606 = 1 (foot modulation Off-time)
14. Double-click the "ENTER" button to exit parameter mode.
15. Turn off the power.
16. Turn the speed control on the motor to the maximum.
17. Turn on the power.
18. Test RPM of sewing head with tachometer.
19. The sewing speed shouldn't exceed the setting in parameter 135.

Reset sequence for large programmer:

1. Hold the "A", "B" and "ENTER" buttons, while turning on the power, wait 5 sec.
2. Press the enter button.

Parameter programming sequence for large programmer:

1. Hold the "D" and "ENTER" buttons, while turning on the power, wait 5 sec.
 2. Press the enter button.
 3. Press the backtick buttons (the two buttons on the bottom right of the programmer)
- Use the "A" and "B" buttons to locate the parameter (see step 13 above) and "C" and "D" to adjust the individual parameter (see step 13 above)