

2. SETTING THE TEST MODE

BASIC TEST MODES

To set the test mode, turn on the power switch while holding down the start/stop button and backtack button simultaneously. Numerals will appear on the touch panel. The respective test mode will be entered when the numeral is pressed.

Test Mode No.	Adjustment Item	Page
2	Checking detection of fabric thickness	34
3	Pattern	40
4	Needle down position	27
5	Timing of needle and rotary hook	28
6	Left/right position of feed dog	31
10	Bobbin thread detector	38
21	Embroidery Upper thread	35

The other test modes are used for factory adjustments.

Making initial adjustments with the test modes

After the operations listed below are performed, the test modes should be used to make initial adjustments to the sewing machine.

1. When new main PC board assembly is installed:
 - * Make adjustments using test modes "2" and "3".
2. When the ZPM holder assembly, BH assembly or presser bar is removed or presser height is adjusted:
 - * Make adjustments using test mode "2".
3. When the FPM holder assembly or SPM holder is removed:
 - * Make adjustments using test mode "3".

