

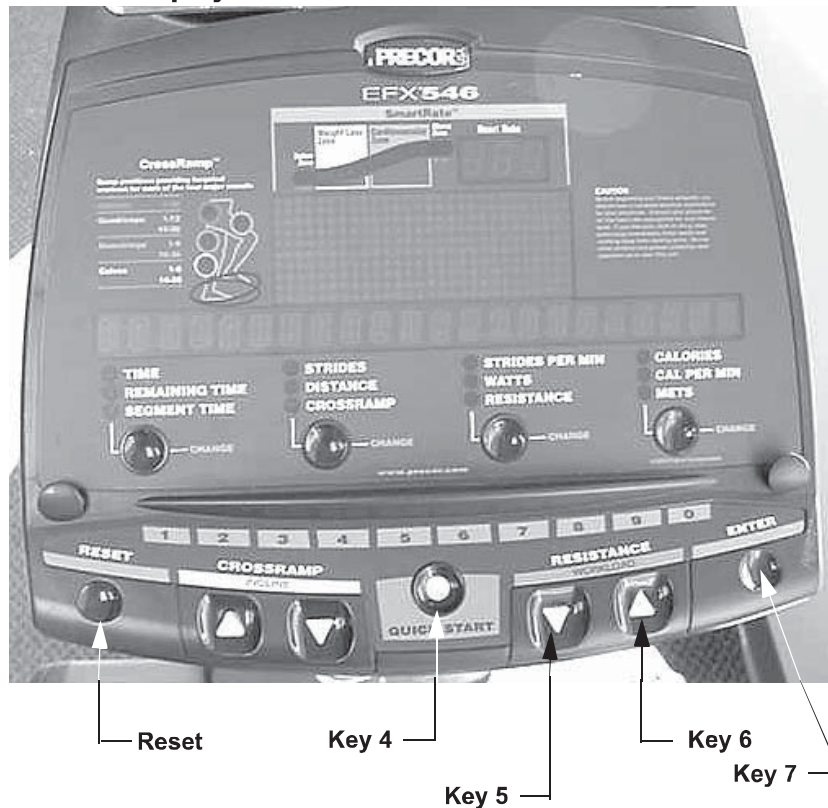
Procedure 3.1 - Software Access Codes

The C546 uses the standard access codes to provide access to the various software features. In using the standardized access codes the keys are hypothetically numbered left to right with key #1 on the far left and key #7 on the far right. The standard access codes use all sequential key presses. The allowable delay between key presses is short. If too much time is taken between key presses the access procedure will be aborted. If the access is aborted, it will be necessary to start over from the beginning. See Diagram 3.1. The C546 display does not utilize key positions #2 and #3, however, they must be counted to correctly locate keys #4 through #6. On the C546 display key #1 is the **RESET** key and key #4 is the **QUICK START** key.

Standard Access Codes

Diagnostics	Keys RESET ,5,1,7,6,5,7,6,1
Odometer	Keys RESET ,6,5
Club Settings	Keys RESET ,5,6,5,1,5,6,5

Diagram 3.1 - C546 Display Panel



Procedure 3.2 - Accessing the Diagnostic Program

The EFX diagnostic software cycles through the following tests:

- Display Test
- Keyboard Test
- Heart Rate Test
- Battery Test
- RPM Test
- Lift Test
- Brake Test

Procedure

1. Start pedalling and continue to pedal as you perform step 2.
2. With the **PRECOR C546** banner scrolling, press keys **RESET,5,1,7,6,5,7,6,1.**, sequentially.
3. The message **HARDWARE VALIDATION** will be displayed for a few seconds.
4. The message **DISPLAY TEST** will be displayed followed by every LED on the display being illuminated. Check each LED segment to ensure that all of the segments are illuminated. Press the **ENTER** key to advance to the keyboard test.
5. The message **KEYBOARD TEST** will be displayed followed by a graphical representation of each key position on the display housing. As each key on the display is pressed the key representation is turned "off", indicating that the key is functioning. Check each key in this manner, including the numeric keyboard. Press and hold the **ENTER** key for 2 seconds to advance to the heart rate test.
6. The message **HEART RATE TEST** will be displayed followed by the unfiltered (U), filtered (F) and polar (P) heart rate readings if the heart rate option is installed in the C546 and a chest strap transmitter or a test transmitter is being used. If the heart rate option is not installed in the C546, the message **NO HEART RATE RECEIVER** will be displayed instead of the heart rate readings. Press the **ENTER** key to advance to the brake test.
7. The message **BATTERY TEST** will be displayed followed by the battery voltage. Press the **ENTER** key to advance to the RPM test.
8. The message **RPM TEST** will be displayed followed by the pulse (power bit) reading and the RPM reading. Press the **ENTER** key to advance to the lift test.
9. The message **LIFT TEST** will be displayed followed by the ramp level and A/D (analog to digital) reading. The A/D is the number the system use to track the lift position. The A/D number will be used in the lift calibration portion of this service manual. (Procedure 5.3).

10. The message **BRAKE TEST** will be displayed followed the resistance level and brake level readings. This test allows you to test the brake (resistance) at each resistance level. Press the **ENTER** key to exit the diagnostics program.