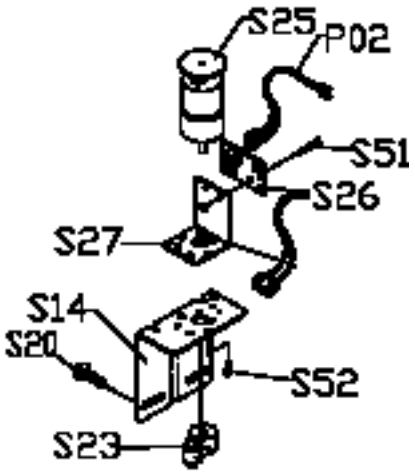
Replacing the Bike Servomotor/IC Board (R52hr, 3.1B, 3.1R, R6055)

Tools: Phillips screwdriver, 14mm socket, 15mm wrench, 2.5mm wrench, 5mm Allen wrench, crank puller. Note: Refer to diagram on following page.

1. Unplug power supply from exercise bike.
2. Remove the left pedal with a 15mm wrench.
3. Remove the black cap from the center of the crank disk.
4. Remove the crank arm nut with a 14mm socket.
5. Using a crank puller, thread the puller onto the crank arm. Extract the crank arm and crank disk from the axle and remove.
6. Remove the accent piece by gently lifting up at the bottom of the accent piece and tilting towards the front of the machine.
7. Remove the screws that attach the left side cover in place.
8. Unplug the console cable from the IC Board.
9. Remove the brake cable from the servomotor (S25) with a 2.5mm Allen wrench.
10. Remove the entire servomotor assembly bracket (S14) from the frame.
11. Replace with new servomotor assembly.
12. Attach the brake cable to the servomotor.
13. Plug in the console cable to the IC Board.
14. Plug in the machine.
15. Turn crank by hand to make sure that there is a RPM reading on the console and all other functions are working properly. (If no RPM reading check to make sure the sensor is in the correct position. Make sure the resistance is working properly.
16. Attach the left side cover and secure with screws.
17. Attach the accent piece, placing the bottom tab into position first then placing the top tab into position.
18. Attach the crank disk and crank arm to the crank axle. Place black cap onto the center of the crank disk.
18. Replace pedal arm cap.
19. Attach the pedal.
20. Test ride the exercise bike to make sure it is working correctly.


S25
P02
S51
S26
S27
S14
S20
S52
S23