

## *Replacing the Exercise Bike RPM Sensor (R51, B51, 2.1R, 2.1B)*

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**Tools:** Phillips screwdriver, 14mm socket, 15mm wrench, crank puller

1. Remove the left pedal with a 15mm wrench.
2. Remove the black cap from the center of the crank disk.
3. Remove the crank arm nut with a 14mm socket.
4. Using a crank puller, thread the puller onto the crank arm. Extract the crank arm and crank disk from the axle and remove.
5. Remove the accent piece by gently lifting up at the bottom of the accent piece and tilting towards the front of the machine.
6. Remove the screws that attach the left side cover in place.
7. Locate the sensor wire bracket. Remove the screw from the sensor wire bracket.
8. Remove the old sensor wire from the sensor wire bracket.
9. Remove the console from the console mast. Attach the new sensor wire to the old sensor wire, in order to fish the sensor through the console mast.
10. Once the new sensor wire is fished through the console mast, attach the new sensor wire to the sensor wire bracket.
11. Attach the sensor wire bracket onto the frame.
12. Turn crank by hand to make sure that there is a RPM reading on the console. (If no RPM reading check to make sure the sensor is in the correct position.
13. Attach the left side cover and secure with screws.
14. Attach the accent piece, placing the bottom tab into position first and then placing the top tab into position.
15. Attach the crank disk and crank arm to the crank axle. Place black cap onto the center of the crank disk.
16. Attach the pedal.
17. Test ride the exercise bike to make sure it is working correctly.

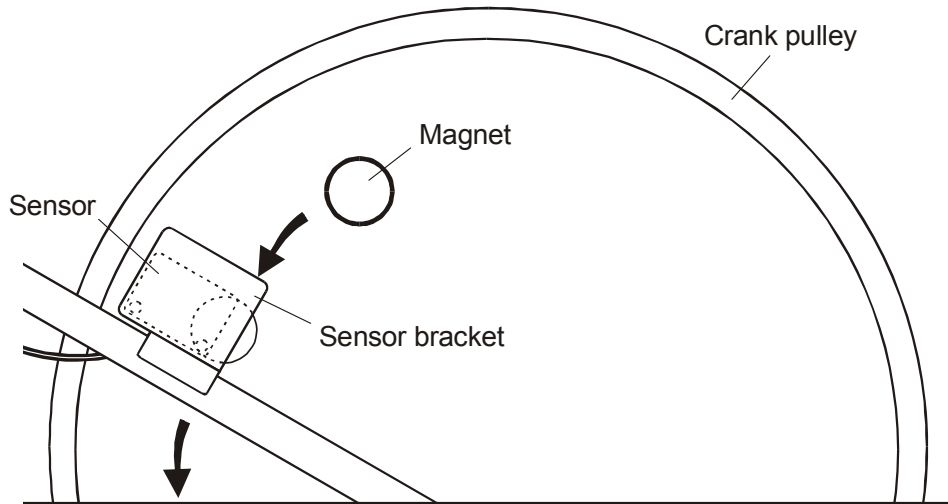
## ***Replacing the Exercise Bike RPM Sensor (R52hr, B52hr, 3.1R, 3.1B, R6055)***

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**Tools:** Phillips screwdriver, 14mm socket, 15mm wrench, crank puller

1. Remove the left pedal with a 15mm wrench.
2. Remove the black cap from the center of the crank disk.
3. Remove the crank arm nut with a 14mm socket.
4. Using a crank puller, thread the puller onto the crank arm. Extract the crank arm and crank disk from the axle and remove.
5. Remove the accent piece by gently lifting up at the bottom of the accent piece and tilting towards the front of the machine.
6. Remove the screws that attach the left side cover in place.
7. Locate the sensor wire bracket. Remove the screw from the sensor wire bracket and remove the old sensor wire from the bracket.
8. Detach the sensor wire from the console cable.
9. Attach the new sensor wire to the sensor wire bracket and plug into connector into console cable.
10. Attach the sensor wire bracket to the frame.
11. Turn crank by hand to make sure that there is a RPM reading on the console. (If no RPM reading check to make sure the sensor is in the correct position.
12. Attach the left side cover and secure with screws.
13. Attach the accent piece, placing the bottom tab into position first and then placing the top tab into position.
14. Attach the crank disk and crank arm to the crank axle. Place black cap onto the center of the crank disk.
15. Attach the pedal.
16. Test ride the exercise bike to make sure it is working correctly.

## Proper sensor wire alignment guide



Magnet should pass evenly over the edge of the sensor wire.  
The sensor wire should not cover the whole magnet!