

Schwinn 490 Elliptical: Knocking noise during use

ID: 15357.1

Common issue descriptions:

- Knocking or clunking noises
- Noise from the handlebar and pedal arm junction
- Noise from the handlebar and pedal pivot

Tools used in this guide: Phillips head screwdriver, 6mm hex key/Allen wrench

Estimated time to complete: Approximately 10 minutes

Let's get started! We will check each of the components below (in order) to determine which is causing the issue.

1. [Assembly hardware](#)
2. [Handlebar and pedal arm pivot](#)

Check the assembly hardware

| <i>Tools Required:</i> | <i>Estimated Time to Complete:</i> | <i>Service Manual Procedure:</i> |
|---|------------------------------------|----------------------------------|
| Phillips head screwdriver 6mm hex key/Allen wrench | Less than 5 minutes | Maintenance |

Check hardware installed during assembly and leveler feet

This noise is most commonly caused by the leveler feet and hardware installed during assembly becoming loose over several workouts. We can tighten the hardware according to the recommended maintenance schedule in the Service Manual - this will help to protect your machine and reduce noise that interrupts your workout.

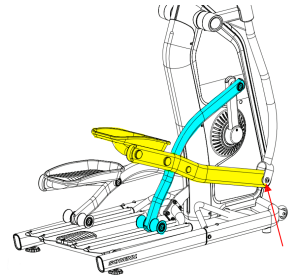
1. Complete the steps in this linked guide - [Schwinn 490 Elliptical: Machine rocks, is not level, or has loose hardware](#)
2. Return to this guide if the issue persists.

Check the lower handlebar and pedal arm pivot

| | | |
|--------------------------|------------------------------------|----------------------------------|
| <i>Tools Required:</i> | <i>Estimated Time to Complete:</i> | <i>Service Manual Procedure:</i> |
| 6mm hex key/Allen wrench | Less than 5 minutes | Assembly Manual |

1. If the noise continues after checking assembly hardware, we will check for less common causes of the noise - we'll start with the pivot between the pedal arm and the lower handlebar.
2. Uninstall the pedal arm from the lower handlebar using a 6mm Allen wrench.
3. Inspect the lower handlebar and pedal arm for visible damage that may cause the noise.
 - If the pedal arm is damaged, [order a Pedal Arm](#) for the affected side [\[15357.A\]](#).
 - If the lower handlebar is damaged, [order a Lower Handlebar](#) for the affected side [\[15357.B\]](#).
4. If no damage is seen, reinstall the pedal arm on the lower handlebar:
 - a. While holding the pedal arm in place, insert the pivot pin through the lower handlebar and pedal arm.
 - b. Use a 6mm Allen wrench to tighten the bolt and secure the pivot pin in place.
 - c. Manually move the pedal arm up and down several times, checking if the noise is still present.
 - d. If the pedal arm is the source of the noise, let's use a 6mm Allen wrench to try and loosen the bolt for the pivot pin slightly, then test if the noise disappears [\[15357.C\]](#).
5. If the noise persists after all troubleshooting steps have been completed, please contact Customer Care to submit an Advanced Troubleshooting case for further troubleshooting. Our contact information is located at the bottom of this page [\[15357.D\]](#).

Steps 2 & 4



Need additional assistance?

1 Parts Reference Table

| <i>Part Description</i> | <i>Part SKU</i> |
|--------------------------------|-----------------|
| Lower Handlebar (Left) | 8030897 |
| Lower Handlebar (Right) | 8030901 |
| Pedal Arm (Left) | 8027193 |
| Pedal Arm (Right) | 8027188 |

2 Contact Tech Team / Advanced Troubleshooting

If the issue was not resolved in the steps listed, contact the Tech Team or send an Advanced Troubleshooting case.

Submit a Case with case type Advanced Troubleshooting