

SelectTech 2080 Barbell: How do I perform a lock test?

ID: 12114.2

Follow this troubleshooting guide to perform a lock test for your SelectTech 2080 Barbell in the base. The lock test steps are also located in the [owner's manual](#).

Follow these steps to perform a lock test

1. **Some components of the machine can be heavy or awkward. Use a second person when doing the steps involving these parts. Do not do steps that involve heavy lifting or awkward movements on your own.**
2. With the barbell handle set in the barbell base, turn both adjustment knobs to the number 20. You will know you have fully and correctly selected the number when you feel the adjustment knob settle into a notch (known as a detent). You will also hear a slight but audible clicking noise that corresponds with the detent locations for each number.
3. You should be able to withdraw the handle from the base, leaving all the weight plates behind.
4. With the handle removed from the base, grab one adjustment knob with your other hand and gently attempt to turn the knob. The knob should not rotate. A locking pin in the mechanism will have engaged the rotational assembly when the unit was withdrawn from the base. Perform this test with all adjustment knobs. **Do not use too much force to try to turn the locked adjustment knob. Too much force can damage the locking mechanism.**
5. After confirming the proper function of the locking mechanism as described above, return and fully insert the barbell handle back into the base assembly.
6. With the handle back in the base, attempt to turn the adjustment knob on one side to a position that is between the numbers 20 and 30. It should not be possible to stop the adjustment knob in this "in-between" position. The spring action of the knob should automatically select either the 20-lb or 30-lb position.
7. Ensure the adjustment knob has returned to a full and proper weight selection, and ensure that the barbell handle can once again be removed. Repeat this test for all weight selections.
8. Ensure the entire barbell handle assembly is properly tightened. Do this by setting the adjustment knob to 20 pounds and removing the handle assembly from the base. With a second person available to hold the handle, grab both adjustment knobs and very slightly push and pull the knobs toward and away from the handle grip. The knobs should not excessively move freely. **Do not use too much force to try to turn the locked adjustment knob. Too much force can damage the locking mechanism.**
9. You have now tested the function of the locking mechanisms. We suggest you repeat this test monthly to make sure that the locking mechanisms operate correctly.
10. With a second person available to help, move the barbell and base together. Lift the barbell and base together by grasping each end of the base assembly under the base tubes. Make sure that you and others are all physically fit for the task and able to move the equipment safely using proper lifting techniques/form [\[12114.A\]](#).
11. **If the barbell locking mechanism operates unsatisfactorily in the steps above, stop use of the product immediately until approved service is available.** Please contact Customer Care for further assistance. Our contact information is located at the bottom of this page [\[12114.B\]](#).

Need additional assistance?

1 Customer Care Contact Information

Please contact Customer Care at **1-800-605-3369** for additional help or to order replacement parts.

**Some replacement parts may also be available for purchase [online here](#).
A list of part numbers referenced within this guide can be located at the bottom of this page.**

Customer Care - Hours of Operation:
Monday - Friday 6:00am - 5:00pm PST

*The replacement part will be provided to you at no cost assuming your machine meets the warranty eligibility requirements. A Customer Care Agent will be able to assess your current warranty eligibility and provide you with your options.
Please note that if you did not purchase your machine directly from BowFlex, Schwinn, or Nautilus, we will need a copy of your purchase receipt in order to register your machine for warranty.*

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