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## Puzzle

May 21, 2018

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Your friend has asked you to retrieve a book from inside a trunk he left at your house. The trunk is a hard plastic trunk, with the lid attached to the trunk's body by a continuous hinge in the back and two releasable latches on the front securing the lid. The trunk is secured by a lock that goes through a hole at the edge of the lid and a hole at the top of the body of the trunk. The lock is a very thick keyed lock. Unfortunately, your friend has lost the key. So, you find a pair of bolt cutters at your house — but the lock is too thick to cut. What should you do in order to get into the trunk? What questions should you ask to begin?