

Tumbler Cap: Problem Statement

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Problem Statement

- The cap for a specific tumbler is brittle and in need of replacement. It breaks easily off tumblers, leading into the disuse of said tumbler.

Who is experiencing the problem?

- Those that have this tumbler and use it with natural wear and tear have this problem. This includes simple accidents like accidents or crashes.

What is the problem?

- The problem is that the type of plastic used in the tumbler is insufficient and the design of the cap does not have structural strength.

Where does the problem present itself?

- The problem presents itself primarily in the natural usage of the tumbler as one tries to open and close it. It also presents in accelerated wear as accidents are possible.

Why does it matter?

- People are spending money on metal tumblers that they hope will last them for a long time. Having a broken cap removes half of the functionality of the tumbler. By making a replacement, people can continue to use their beloved tumbler even if original parts break,