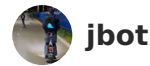


KingSong S18 Damper for Spring Shock



jbot

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Summary

Dampers that prevents spring shock absorber from hitting the wheel shell

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When you install a spring shock absorber, the spring can hit the wheel shell on back travel. Install these dampers to prevent it. They are installed between the pedal hangers and suspension slider.

A little demo: https://t.me/eleclub_kingsong_s18/210633

No EUC disassembly required.

There are two models, for both versions of the EUC.

v2 model should also fit v1, but I don't own v1 for now, so it's not tested.

Tell me if you need any changes.

Printing

Print using flexible material. I use Bestfilament BFlex.

Use small infill and thin walls to make it softer. For my v2 I used single wall with 0.6 nozzle, 10% cubic infill, 3 top and bottom walls. It works flawlessly with my filament - zero noise on suspension back travel.

NOTE: It fits good on my S18, but may not fit yours. Some scale adjustment in slicer may be required.

I believe that it's due to the difference between each S18 instance. It may also depend on your printer's extrusion parameters.

Installation

v1

Put it over the heads of axle clamp bolts. It should fit tight enough to not fall off by itself.

v2

Put it inside the pedal hangers from above, narrow part down.

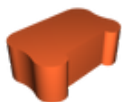
Removal

Use some sharp object to pry the dampers off.

Model files



kingsong_s18_v1_suspension_damper.stl



kingsong_s18_v2_suspension_damper.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing/4588888)

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