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# Troubleshooting with Barrel Zones

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Troubleshooting with barrel zones  
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If a barrel zone on an extruder constantly overrides or requires too much cooling to maintain a set point, it may be that the melting is being concentrated in that section. This can either be because of screw design or improper barrel profile.

A solution is to increase the temperature of the proceeding zone to increase the melting prior to the "Hot Zone".

See also:

- [Barrel thermocouple maintenance](#)
- [Barrel zone override](#)
- [Heat transfer](#)
- [Screw design](#)
- [Temperature control](#)
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