



Mazda MX-5 Cup Car Technical Service Bulletin #2021-04-23 #2

Optional: Replacement and or Removal of Differential and Gearbox Filters

This TSB describes: The optional but recommended replacement or removal of filters (internal filter) on the Differential and Gearbox cooling lines, for improved cooling efficiency. This will help teams that have been experiencing higher than normal Differential and Gearbox temperatures by increasing the fluid flow. With the testing that has been performed, Flis Performance has discovered that the oil flow needed to be increased to manage temperatures for reliability and longevity of parts. During testing, Flis saw a significant drop in temperature by replacing the filters. A hose and filter kit will be available as an option for purchase, more information to follow. Therefore, we recommend replacing or the removing the filters (internal filter) when seeing high temperatures.

Replacement of Filters:

- Filter # SET11-UF06 from HRP

Removal of Filters:

- Filters may be removed from Differential and Gearbox cooling lines (Internal Filter Removal)

- **Long Term Goal:**

Flis Performance is working on a new Hose and Filter Kit that will be Optional after St. Pete but before Mid-Ohio 2021. This will be changing most of the hoses, filters, and adapters for the Differential and Gearbox from -6 AN hose to -8 AN hose. This will be an unforeseen cost that we did not want to our customers to incur, but after testing we have established that it will help the long-term reliability and longevity of parts.

Thanks
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