

# CCM Technical Maintenance Bulletin



Bulletin 22 - November 14, 2012

## Reporting of Errors

Your help can improve this bulletin. If you find mistakes or you know of a way to improve the procedures, please let us know at [mnr@ccmpool.com](mailto:mnr@ccmpool.com)



All CCM repair vendors are required to comply with Safety & Security Regulations imposed by Terminal Operators where work is performed, in accordance with the License Agreement and Article 5.8 of the Form Agreement D.

### Are you registered with DRS?

All truckers and depots are encouraged to register no later than June 1, 2010. For details visit us at [www.chassis.com](http://www.chassis.com)



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## Replacement of Tone Rings on Hubs

### Summary

Several companies have recently asked whether or not they can replace the tone rings on ABS wheel hubs. CCM does allow for the replacement of tone rings on ABS equipped wheel hubs, but only under certain conditions. It is the purpose of this bulletin to clarify CCM policy on when a tone ring can be replaced, and when approved, the proper way to do it.

### Determining if a Tone Ring Can be Replaced

Not all hubs are equipped with replaceable tone rings. Before estimating for this repair the exact make and model of the hub must be known. Be advised that Tone Rings **are not** be replaced on the following brands of hubs:

Webb  
Meritor/Euclid

While the Webb hub has a replaceable tone ring, it requires that the repair vendor heat the ring and install the ring heated. Most of our repair vendors lack the facilities to do this. It has also come to our attention that some of the parts distributors are mixing components, i.e. they are mounting a KIC tone ring on a Webb hub. Please note that this type of mixing is not encouraged. Any Webb or Meritor/Euclid hubs having damage or excessive wear to the tone ring must therefore be replaced. The ring cannot be replaced by itself.

In the case of KIC brand hubs, CCM will support replacement of the tone rings.

If the hub is equipped with a removable tone ring it can be replaced, however the repair vendor should only undertake such a replacement in a shop environment, never in the field. To replace the tone rings in the KIC hubs repair vendors should follow the procedure illustrated in the Tone Ring Field Installation video on YouTube, which can be found at:

[http://www.youtube.com/watch?IEs\\_SpXcg&feature=youtube\\_gdata\\_player](http://www.youtube.com/watch?IEs_SpXcg&feature=youtube_gdata_player)

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## Replacement of Tone Rings on Hubs

Given that we do not encourage the replacement of tone rings there has been no task time established for this repair. All such repairs should be handled for the time being on an “Other” basis. If we find that we are replacing the tone rings on a regular basis, we will create a code at that time.

It should also be noted that due to the more flexible nature and lower cost of the KIC components, in comparison to the Webb or the Meritor components, **KIC drums and hubs are the preferred product for use on CCM chassis.**

Using the KIC hubs and drums will result in substantial savings to CCM, with no impact on product quality.

Please direct any questions or comments regarding this bulletin to the CCM Maintenance Department.