

Secondary Connecting Rod

CATEGORY: Recommended

SUMMARY: CarnaudMetalbox Engineering have improved the Secondary Connecting Rod on their 5000 Bodymakers.

In response to some Secondary Connecting Rod failures we can now offer a new design Connecting Rod which reduces stress within the part and resolves any previous issues.

The redesigned Connecting Rod has a more favourable entry angle of the oil hole which consequently produces a much gentler bend radius on the oil hose, reducing stress.

The area around the tapped oil hole has been enlarged to give a more robust section, facilitating better support and increasing component integrity.

The hose fitting has been changed to incorporate the fluid restrictor to reduce oil pressure in the Connecting Rod entry port, this allows the secondary tapping to be removed.

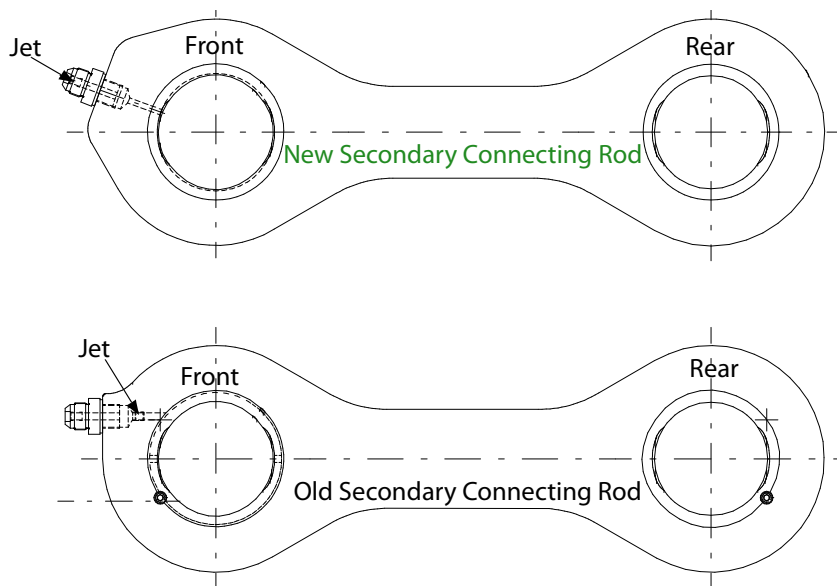
These improvements have been implemented to reduce stress within the part during service.

Further improvements have been made to the rear bush, The external groove has been removed to mimic the front bush and an internal groove added to distribute oil.

Through removing the external oil groove in the bush areas of stress on the conn-rod are less defined through uniform surface contact.

The bush grub screws have also been removed as these acted as potential stress raisers.

Note, any Spares Orders will be supplied with the new design.



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For further information regarding this Technical Bulletin please contact either of the contacts below quoting Technical Bulletin Number **TB5000-050**

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