



**SBOC-108**

# Advanced Wheelend Technologies

## Service bulletin

### PM 2380 Bushing installation procedure

The PM 2380 bushing is used on many models of trailer axles. The BBOC-152380 bushing is a considerable improvement on the late PM 2125-P which is now discontinued from our parts list. It replaces the PM 2125-P in every respect and fits exactly the same way as the old design.

This new BBOC-152380 is available with mounting plates (part # PLT-152380-2) that incorporate a slot for the Haldex slack adjusters' actuating rod.

The improvements are as follows;

- The bushing comes with the grease fitting readily mounted-in for better lubrication.
- Shipped with 2 SL-WV-130 grease seals (these seals have proven their effectiveness with the BBOC-152500 bushings).
- PLT-152380-2 mounting plates come as a set of two and are readily painted added rust protection.
- Can be installed with ORG 2380 O-Rings for Heavy-Duty service applications.
- For added protection from abrasive environments install SL-2500-HD-SWC along with standard SL-WV-130 seals and ORG-2380 O-Rings (Triple Protection).



PLT-152380-2



BBOC-152380

Before installation, make sure all axle centre brackets are clean, free of rust and pre-painted. Refer to trailer procedure manual's section B step 1 if needed.

	Step 1; Assemble the 3 parts of the bushing together
	Step 2; Install bushing on the axle's centre bracket and tighten bolts by hand only for immediate alignment with the spider bushing. Don't forget mount all necessary hardware (ex. Slack adjuster actuating pins).
	Step 3; ; Using the proper tools align the centre bushing with the spider bushing as described in section b of training manual ( steps 2n to 2v ) until installation is complete.
	↓ <b>Very important</b> ↓
	Step 4. ; Verify that the clearance between mounting plates "A" and "B" and the centring sleeve of the alignment tool are evenly spaced all around the sleeve, to check if the axle's centre bracket is straight and well aligned as well. This is important to allow good performance of the sealing O-rings and prevent contaminants to enter the bushing.
	Step 5; Once you are sure of the alignment of the axle's centre plate, mounting brackets and the bronze bushing, remove all alignment tools.

Repeat this procedure to install all centre bracket bushings on the axles being serviced.

Once the bushings are pre- greased, you are ready to align- bore the bushings.

Refer to service bulletin # **SBOC-111.1** for seal installation.

For any questions regarding this service bulletin please use our toll free tech support line;

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