

Date: September 2016
Subject: Introduction of P Brake Assemblies (D-Class) with powder metal bush for Kenworth
Models: P Brakes

Dear Customer,

As part of a continuous improvement initiative, Meritor Australia is pleased to introduce P Brake assemblies with a powder metal bush. The powder metal bush and rotary lip seal replace the current steel bush with an O-ring seal incorporated.

The following replacements have been released for the P Brake Assemblies:

- Steel bush A1225Q1629 which is currently used in the spider has been replaced with powder metal bush 1225H1568 and seal A1205V1556.
- Steel bush A1225R1630 which is currently used in the chamber bracket has been replaced with powder metal bush 1225H1568 and seal A1205V1556.

Refer to Table 1 below:


Current Bush with O-ring seal incorporated	Powder Metal Bush & Seal
 <p data-bbox="209 1480 730 1509">Current Chamber Bracket Bush A1225R1630</p>	 <p data-bbox="892 1480 1264 1509">Powder Metal Bush 1225H1568</p>
 <p data-bbox="272 1792 670 1821">Current Spider Bush A1225Q1629</p>	 <p data-bbox="911 1792 1241 1821">Rotary Lip Seal A1205V1556</p>

Table 1

Validation testing has shown that the powder metal bush performs better than the current bush and it improves the durability of P Brake assemblies. The powder metal bush is assembled with the rotary lip seal, as used in the QPLUS™ brake assemblies, and this provides better sealing for the application when compared to the O-ring seal.

It is not recommended to mix the current steel bush and powder metal bush when assembling P Brakes. The top level P brake assembly specification remains the same. P brake assemblies (D-Class) with the powder metal bush will be introduced in October 2016.

Aftermarket:

Service KIT 8032 which includes the powder metal bush and rotary lip seal will be available through the normal aftermarket channels. Please refer to Maintenance Manual MM4 for bush removal and installation procedures.

For any questions relating to the above, please contact a Meritor® Australia representative on +613-9300-5200.

**Issued by Product Engineering
Meritor HVSA Ltd**