

Date: August 2017
Subject: Aluminium Hub Change to Improve Axle Shaft Sealing
Models: Drive Axle – R Spindle Aluminium Hubs

Dear Customer,

From the end of August 2017 Meritor® is introducing a revised machining on certain aluminium hubs fitted to drive axles with the R spindle. At the same time, an improved gasket material will also be released. New part numbers have been released for these new hubs and gasket, however, top level axle specification numbers will not be affected.

The current hub machining (figure 1), introduced as a running change in 2013 and designed to accept a rubber coated seal, reduces the effective contact area for the axle shaft gasket commonly used and increases the risk of oil seepage from this joint. Both hub machining options will be available via the normal Meritor® Aftermarket channels.

Table 1 below shows the current and new hub part numbers.

	Part Number	To suit		ABS
		Steel wheels	Aluminium wheels	
Current hub machining with step to suit seal	A1-333-V-4728	X		
	A2-333-V-4728	X		X
	A7-333-V-4728		X	
	A8-333-V-4728		X	X
New hub machining with flat surface to suit gasket	A1-333-L-4848	X		
	A2-333-L-4848	X		X
	A7-333-L-4848		X	
	A8-333-L-4848		X	X

Table 1 – Current and new hub part numbers

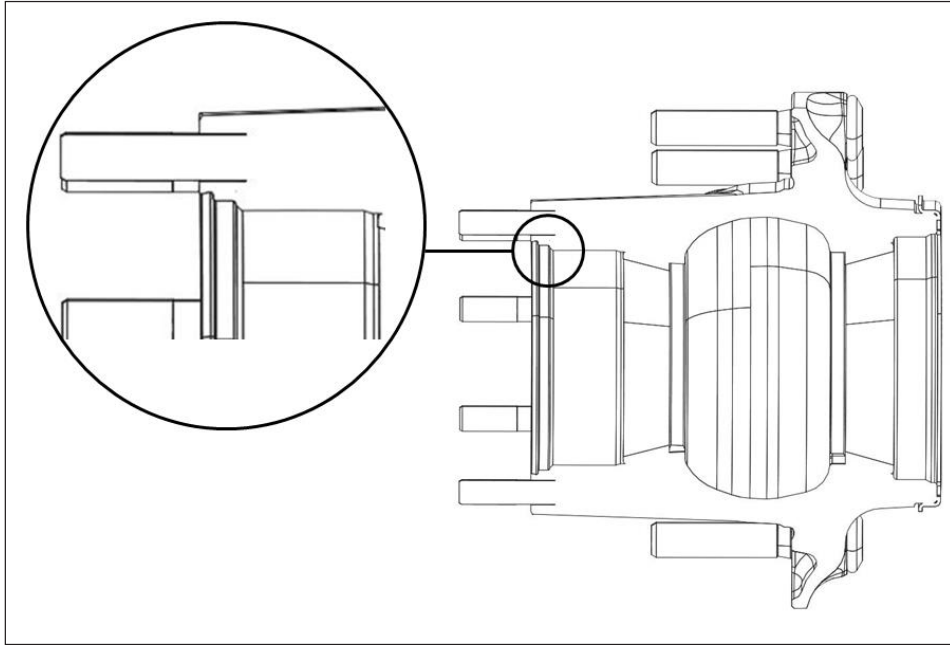


Figure 1 – Current hub machining with step to suit seal

The new hub machining (figure 2) increases the sealing land for the gasket.

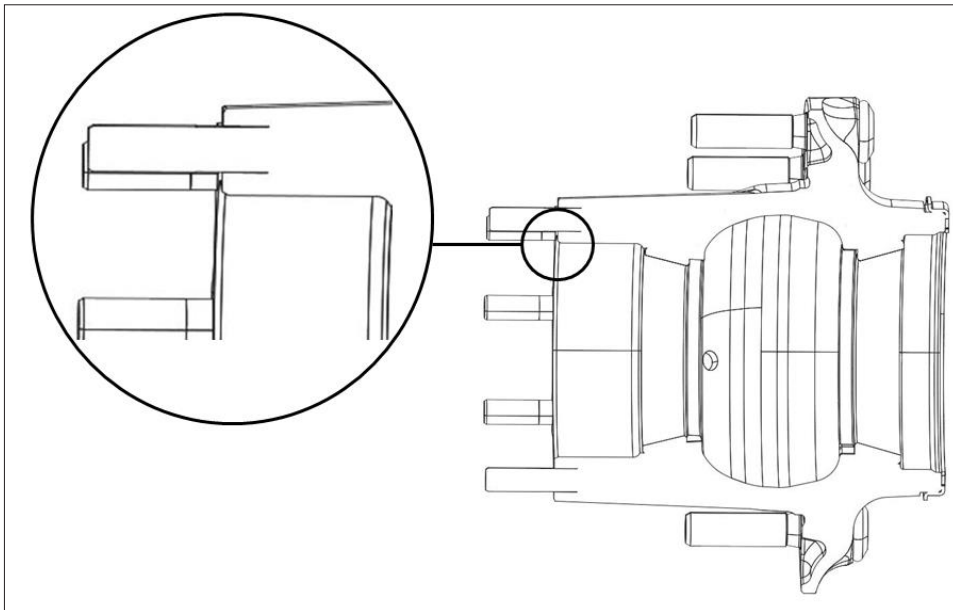


Figure 2 – New hub machining with flat surface to suit gasket



Figure 3 – Comparison of current (left hand) and new (right hand) machining

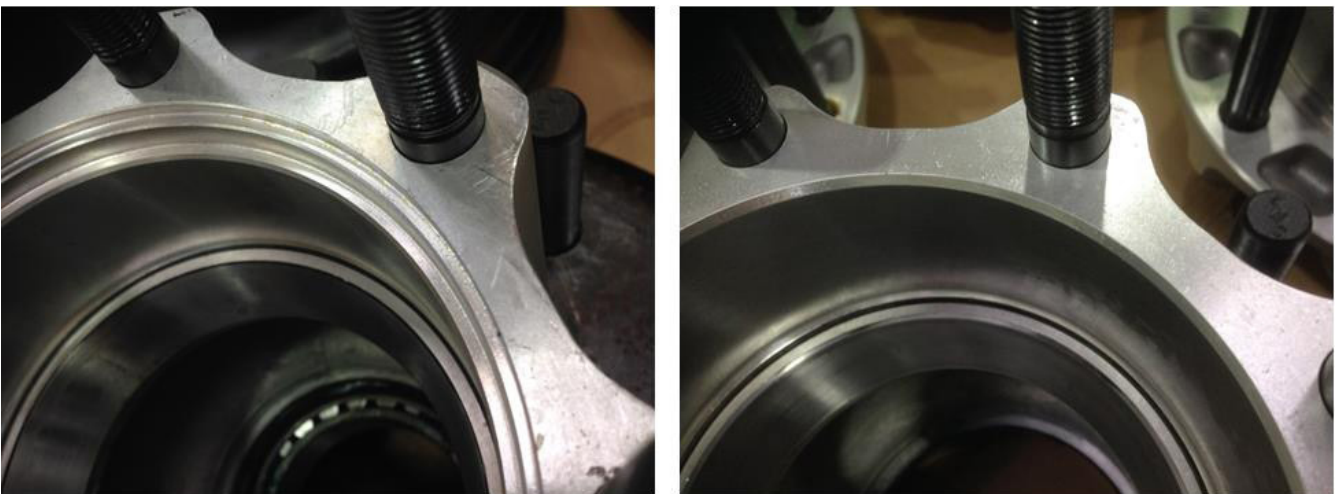


Figure 4 – Comparison of current (left hand) and new (right hand) machining

New Gasket

The current gasket, part number 2208E1123, will be replaced by the new, improved material gasket, part number 2208S1215.

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

**Issued by Product Engineering
Meritor HVSA Ltd**