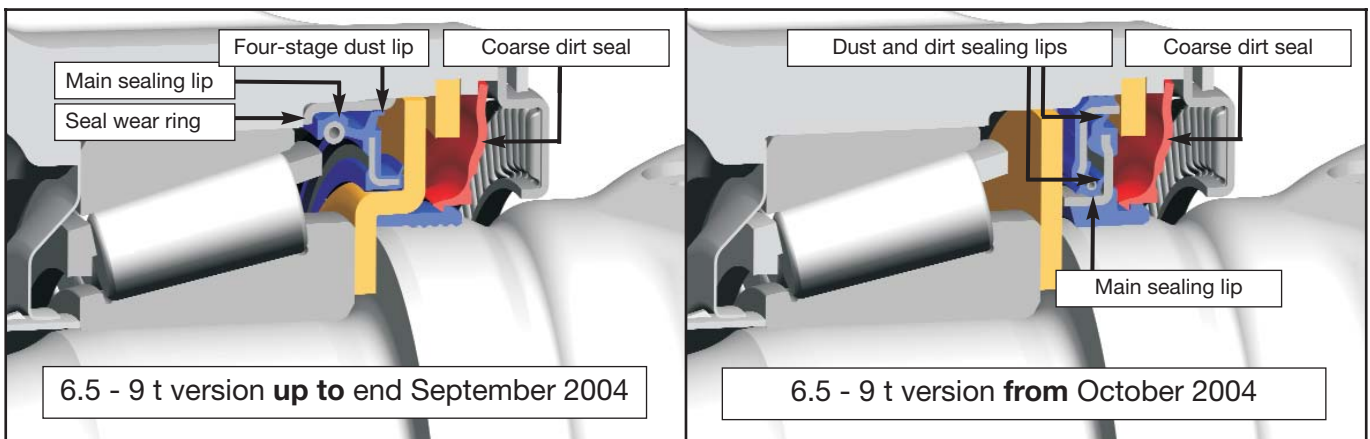


## Latest generation wheel bearing seal for ECOPlus axles!


Starting in October 2004, BPW will be introducing the new ECOPlus hub bearing sealing system. With a larger dirt seal and new two stage dust seal, the proven concept of the ECOPlus seal has clearly been further improved in a number of areas.

For example, **the primary sealing lip is no longer fitted directly against the hub bearing, but instead fits against a special thrust race integrated into the seal assembly.** This new design enables the circumferential velocity of the seal to be significantly reduced, and with that, the amount of wear. In addition, the wheel bearing is provided with even better protection against dirt penetration by means of the covering dust and dirt sealing lips.



### Advantages of the new ECOPlus seal:

- Inward-aligned, preloaded main sealing lip with low circumferential velocity, low temperature stress and, as a result, less wear
- Friction resistance reduced by approx. 30%
- The inward-aligned, preloaded main sealing lip and the two covering dust and dirt sealing lips give the bearing even greater protection against dust and dirt penetration. The cassette construction means the sealing lip is well protected during servicing
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- Preloaded main sealing lip with breather function, no loss of sealing efficiency due to vacuum build-up
- Identical packaging requirement, so can also be installed in older axles

 The series production changeover will start with the modification of the 6.5 - 9 t ECOPlus hub with 120 mm offset (ET 120). **When the new seal 02.5664.74.00 is installed with existing bearings, the previous seal wear ring of the hub (in 6.5 - 9 t bearing: 02.5683.80.00) serves as a check stop. It must therefore be left in its former installation location and must not be removed.** The components of the BPW repair kits are adapted accordingly.