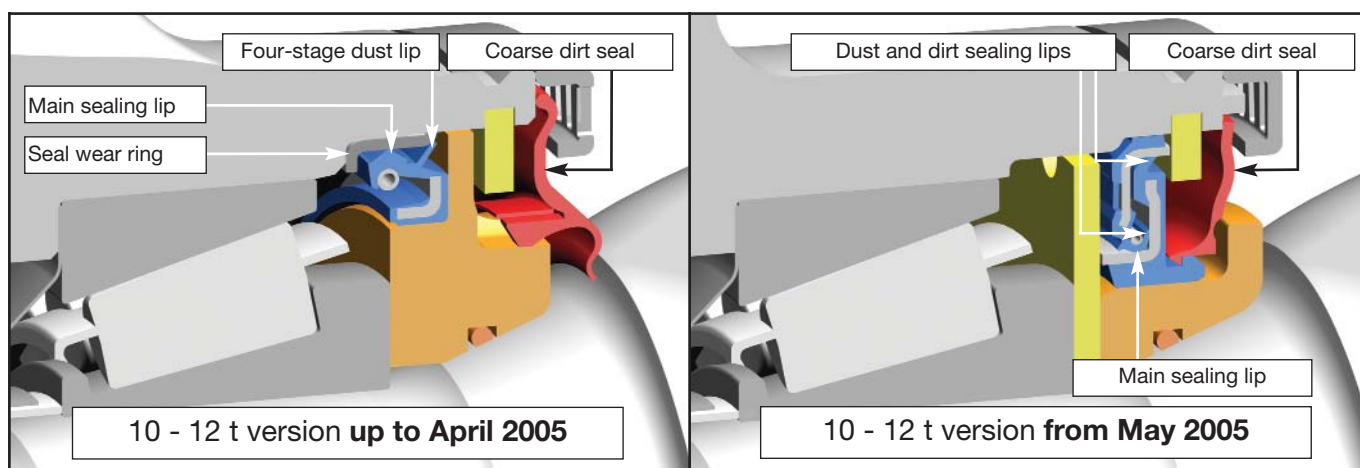


ECO^{Seal} wheel bearing seal for 10 - 12 t ECO^{Plus} axles.


From May 2005, ECO^{Plus} wheel bearings will be changed over to the new ECO^{Seal} seal system.

With a larger dirt seal and new two stage dust seal, the proven concept of the ECO^{Plus} 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 ECO^{Plus} seal:

- Inward-aligned, preloaded main sealing lip with low circumferential velocity, low temperature stress and, as a result, less wear
 - Friction resistance within the seal is 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
 - Preloaded main sealing lip with breather function, no loss of sealing efficiency due to vacuum build-up
-  The modified installation space means that the **new ECO^{Seal} seal 02.5664.74.00** for 10 - 12 t ECO^{Plus} wheel bearings **cannot be installed in old hubs**. Also, the modified installation space means **the old seal cannot be installed in new hubs** either. The former repair kit 09.801.06.27.0 with the old seal will continue to be available for spare parts. In future, the new components will be available in repair kit 09.801.07.04.0.