

## A CHANGE ON THE FRDP AND FRMP AXLES WHEEL BEARING ADJUSTING AND LOCKING

**NOTE !** The old and the new design are **NOT** interchangeable.

### A change on the wheel hub bearing adjusting and locking

The locking of the wheel bearing adjusting nut have been changed in all FRDP and FRMP axles beginning on February 1998 as follows:

Axle assembly numbers have not been changed. Serial numbers are the following:

<b>FRDP</b>	<b>80191</b>	February 1998
<b>FRMP</b>	<b>80192</b>	February 1998

The following parts have been changed with the new adjusting nut:

Description	Old part number Qty/axle	New part number Qty/axle
Ring gear hub	135-271-0310 2	535-271-0311 2
Ring gear hub	535-271-0610 2	535-271-0611 2
Special nut	099-290-8003 2	599-290-8004 2
Lock plate	099-459-0000 2	143-418-0510 2
Screw	90319-06106 4	--
Screw	--	590319-08186 2
Screw	--	590319-08126 2
Adjustment wrench	7143-024-020	7543-050-020

The part number of the ring gear will not change. The new and the old parts cannot be used in the same design but the new locking can be used in the old axles if the ring gear hub is changed accordingly.

### Adjustment of the wheel bearing:

In high speed and terminal tractor (truck) applications the wheel bearings have to be adjusted as follows (no change): Tighten the adjusting nut to 200 Nm [147 lb-ft] torque while rotating the hub. Then, loosen the nut by 1 locking tab places (approx. 19°) and lock the nut in this position with two lock screws (in new and old design) and by bending a lock plate tab into the nut groove (only the old design). Use Loctite locking liquid and tighten the lock screws to 12 Nm [9 lb-ft] torque with a torque wrench.

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