

## AXLE FINAL RATIOS RELATED TO THE HUB RATIOS IN THE 13/16 TON RIGID DRIVE PLANETARY AXLES

**1. Change:** In the new (approx. beginning of 2005 onwards) 13/16 ton rigid drive axles (FRFP-13/16-S, FRMP-13/16-S and FRDP-13/16-S) there are now two different hub reduction ratio options: 3.636:1 (standard) and 3.214:1 (optional).

**2. Final Ratios:** Comparison table of the axle final ratios related to the hub reduction ratios:

Hub Ratio 3.636	Hub Ratio 3.214
4.28	3.78
4.29	3.79
4.65	4.11
5.56	4.92
6.36	5.63
7.01	6.20
8.79	7.77
10.55	9.32

**3. Part Numbers** In the table below there are indicated the related items between the two hub ratios.

Description	Hub Ratio 3.636	Hub Ratio 3.214	Qty/Axle
Planetary Gear	541-404-0211	541-404-0221	2
Sun Gear	535-211-1410	535-211-1500	2
Ring Gear	535-261-2110	535-261-2310	2
Ring Gear Hub	535-271-0901	535-271-0911	2
Retainer Ring	91720-22001	91720-22501	2

**4. Interchangeability:** Above mentioned hub reduction items are suitable to axles since S/N 144393 (November 2004). They are totally interchangeable and the achieved axle final ratios can be found on the comparison table above. Both hub reductions provide the same axle performance e.g. GCW and axle output torque.