

Baldor•Dodge TAll: Reducer Bolt Torque Specifications

C.O. Engineering - Gearing

November 3, 2015

The bolts specified below should be tightened to the indicated torque when servicing or re-building a Baldor•Dodge Torque-Arm II (TAll) reducer.

Table 1 - Recommended Torque Values (lbs.-ft.)					
Reducer Size	Housing Bolts	Backstop Cover Bolt	Screw Conveyor Adapter Bolt	Screw Conveyor Driveshaft Retaining Bolt	Twin-Tapered Bushing Bolt
TA0107L	17 - 15	8 - 7	30 - 27	90 - 82	20 - 17
TA1107H	17 - 15	8 - 7	30 - 27	90 - 82	20 - 17
TA2115H	30 - 27	8 - 7	50 - 45	90 - 82	20 - 17
TA3203H	30 - 27	8 - 7	75 - 70	148 - 138	20 - 17
TA4207H	75 - 70	8 - 7	75 - 70	148 - 138	26 - 23
TA5215H	75 - 70	17 - 15	90 - 82	148 - 138	77 - 67
TA6307H	75 - 70	17 - 15	148 - 138	210 - 190	77 - 67
TA7315H	90 - 82	30 - 27	148 - 138	210 - 190	77 - 67
TA8407H	90 - 82	17-15	N/A	N/A	77 - 67
TA9415H	90 - 82	30 - 27	N/A	N/A	86 - 75
TA10507H	148 - 138	30 - 27	N/A	N/A	86 - 75
TA12608H	148 - 138	30 - 27	N/A	N/A	86 - 75