

Baldor•Dodge MTA: Reducer Bolt Torque Specifications

C.O. Engineering - Gearing

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The bolts specified below should be tightened to the indicated torque when servicing or re-building a Motorized Torque-Arm II (MTA) 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
MTA2115H	30 - 27	8 - 7	50 - 45	115 - 110	26 - 23
MTA3203H	30 - 27	8 - 7	75 - 70	205 - 200	26 - 23
MTA4207H	75 - 70	17 - 15	75 - 70	205 - 200	26 - 23
MTA5215H	75 - 70	17 - 15	115 - 110	205 - 200	75 - 67
MTA6307H	75 - 70	30 - 27	205 - 200	215 - 210	75 - 67
MTA7315H	115 - 110	30 - 27	205 - 200	215 - 210	75 - 67
MTA8407H	115 - 110	30 - 27	N/A	N/A	75 - 67