

Hub Cap Torque Values and Bolt Specifications

Hub cap bolts come in varying sizes, requiring different torque settings to ensure adequate sealing of the hub cap, gasket, and hub face. Failing to torque the bolts to the required specification can permanently deform the flange or not apply enough pressure to properly maintain a seal.

Hub Cap Mounting Bolts

Size	Torque	Size	Torque
1/4"	8-12 ft-lbs	5/8"	22-26 ft-lbs
5/16"	12-16 ft-lbs	3/4"	24-28 ft-lbs
3/8"	16-20 ft-lbs	7/8"	26-30 ft-lbs
7/16"	18-22 ft-lbs	6 MM	8-12 ft-lbs
1/2"	20-24 ft-lbs	8.5 MM	12-16 ft-lbs

Important: SAE grade-5 bolt minimum. Recommend using split lock washers.

NOTE: STEMCO uses a rubber encapsulated gasket to improve long life performance. Unlike a paper gasket that weeps over time, the STEMCO gasket is designed to compress to form a better long-term seal against leakage and seepage. Bolt torque is expected to lose roughly 25% to 35% of initial capacity after installation. The components are engineered to retain the seal after the initial compression and torque loss. **Repeat torquing to the above corresponding torque range is recommended for customer confidence after a minimum of 24 hour set time.**

Hub Cap Components

Part Number	Type	Torque
359-6032	#8 Torx Window Screw	20-25 in-lbs
359-5984	Aluminum 3/8" Mag Plug	5-9 ft-lbs
359-5985	Aluminum 3/8" Pipe Plug	5-9 ft-lbs
641-0019	Defender™ Fill Plug	17-20 in-lbs
641-0020	Defender™ Mag Plug	17-20 in-lbs

Threaded Hub Caps

Part Number	Torque
XXX-4075	100 ft-lbs
340-4975	50-60 ft-lbs
340-4976	50-60 ft-lbs
640-0003	50-60 ft-lbs