

STEMCO HUB CAP TORQUE VALUES & BOLT SPECIFICATIONS

Hub cap bolts come in varying sizes, requiring different torque settings to ensure adequate sealing of the hub cap, gasket & 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.

Recommended that screws be replaced with new ones. Recommended that hand tools be used for this procedure, as power tools may over-torque the bolts/screws & damage the threads.

For threaded hub caps lightly lubricate the threads & O-ring before installation.

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.

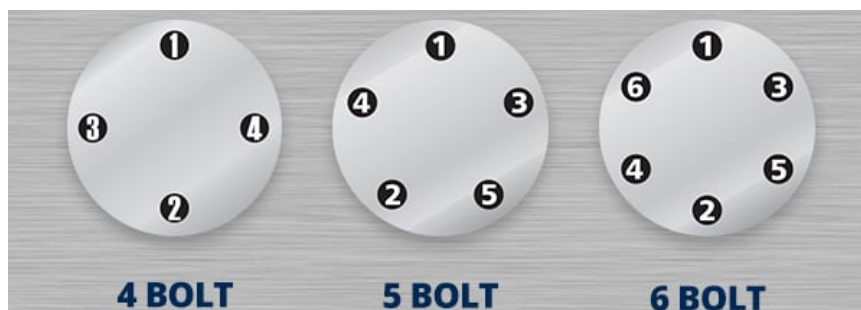
Hub Cap Components

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

Bolt Tightening Sequence



NOTE: Bolt torque is expected to lose roughly 5% to 10% of initial capacity after installation. Repeat torquing to the above corresponding torque range is recommended for customer confidence after a minimum of 24 hour time.