



**STEMCO HUB CAPS**  
THE INDUSTRY LEADER, PROVIDING  
PROVEN PROTECTION AND EXCEPTIONAL  
VALUE FOR EVERY FLEET



# STEMCO®

## INNOVATIVE DESIGNS AND SUPERIOR MATERIALS ENSURE SAFETY AND DURABILITY

STEMCO® has provided the trucking industry with reliable hub caps for more than 60 years. Throughout our history, we have recognized the need for tougher, long-lasting hub caps that meet the performance, design and price requirements related to selecting the right hub cap for any fleet. To meet that need, STEMCO has engineered a menu of hub cap options designed to meet the varying performance expectations of each fleet, all in an effort to maximize performance and value.

**WITH WHEEL END INTEGRITY AND DOWN TIME ON THE LINE, DO NOT ACCEPT LESSER QUALITY IMITATIONS OR KNOCK OFFS. TRUST THE EXPERTS, TRUST STEMCO.**

### Innovative Product Line

Product- and application-specific technology designed to eliminate contaminants and extend wheel end life.

### Superior Materials

Cast aluminum to dissipate heat.

### Numerous Lubricant Options

Oil, semi-fluid grease, and hard-pack grease hub caps to meet performance, design and price requirements of today's fleets worldwide.

### Broad Application Coverage

Full-line coverage for trailer and tractor applications.

## TRADITIONAL HUB CAPS

The traditional aluminum series 340 and 343 provide durability with the trademark red plug to allow venting of the hub cap. Using cast aluminum for constructing the hub cap body prevents warpage and provides superior durability and heat-dissipation properties. The trucking industry recognizes STEMCO hub caps as the benchmark.



**343-4024**  
Steer



**343-4046**  
Steer



**343-4065**  
Steer



**343-4095**  
Steer



**343-4249**  
Steer



**346-5110**  
Steer



**340-4119**  
Drive



**340-4975**  
Trailer



**343-4009**  
Trailer



**343-4064**  
Trailer



**343-4075**  
Trailer



**343-4342**  
Trailer

## SENTINEL® HUB CAPS

Sentinel Technology provides an unmatched filtering system to eliminate contamination of lubricant from grime, dirt or water. STEMCO provides four options to put Sentinel Technology to work for you:

- The Sentinel hub cap provides a tamper-proof system for maximum protection and maintenance-free performance.
- Integrated Sentinel hub caps integrate the Sentinel features into the window with fewer components and greater wheel end visibility.
- The Sentinel ESP (Extended Service Plug) and Sentinel ESP Filtered Drive Axle Vent allow economical retrofitting of wheel ends and drive axles with the benefits of STEMCO's exclusive Sentinel Technology.



**348-4009**  
Trailer



**356-4009**  
Trailer



**353-4009**  
Trailer



**359-6125**  
ESP Plug

**359-6124**  
Blister Pack (2/pk)



**359-6137**  
Drive Axle Vent

## POPULAR REPLACEMENT PARTS

- **359-5995**  
4009 Oil Window Kit
- **359-5990**  
Large Red Rubber Plug
- **359-5915**  
Small 3/4" Red Rubber Plug



## STAMPED STEEL HUB CAPS

STEMCO Stamped Steel grease hub caps are manufactured from 14-gauge steel and have a protective yellow chromate plating with a clear lacquer coating for additional protection from corrosion. For synthetic-base grease, use the vented 340-5096 version cap. For petroleum-base grease, use the non-vented 340-5097 cap.



340-0044  
Steer



340-5096  
Trailer



340-5097  
Trailer

## GREASE HUB CAPS

For grease applications, the 342 series Dirt Exclusion hub caps provide the same 340 casting without a side fill plug, plus a solid window with a sintered metal vent for venting purposes. To further support grease wheel ends, STEMCO developed the 352 series Solid Aluminum hub caps with a duckbill vent inserted in the face of a solid hub cap.



352-4009  
Trailer



342-4009  
Trailer

## INFLATION HUB CAPS

STEMCO tire inflation hub caps are available in both oil and grease for several popular applications. The oil hub caps have a side fill plug and a standard window with oil fill lines. The grease hub caps do not have a side fill plug and incorporate a gray opaque window with no markings.



343-4370  
PSI™



831-0212  
Aeris®

## DEFENDER™ HUB CAPS

The Defender hub cap is 100% corrosion-free, with stainless steel reinforcement inserts. It achieves longer wheel-end life using a magnetic plug that pulls abrasive material away from critical components. An exception chemical bond between the hub cap and window ensures a strong seal and no leaks.



368-4195  
Trailer

363-4009  
Trailer

366-4024  
Steer

## HUBODOMETER® HUB CAPS

STEMCO Hubodometer hub caps provide ease and convenience when installing our mechanical or electronic DataTrac® Hubodometers. The 347 series aluminum hub cap is mounted with a hub window while the 640 series is a full grilamid Hubodometer hub cap with a metallic flange. Both allow for mounting of the Hubodometer directly through the center of the hub cap.



347-4009  
Trailer



640-0001  
Trailer

## POPULAR HUB CAP OPTIONS WITH BOLT SPECIFICATIONS

Stemco Base Part Number	Standard Hub Cap, No Side Fill	Defender™ Hub Cap	Dirt Exclusion, Grease	Standard Hub Cap, Side Fill	Defender™ Hub Cap	Standard Hub Cap, Hubo Window	Sentinel® Hub Cap	Sentinel® Hub Cap Grease	Solid Aluminum Grease / Vented	Integrated Sentinel® Oil	Defender™ Hub Cap	Integrated Sentinel® Grease	Defender™ Hub Cap	Bolt Circle	Bolt Size	Number of Bolts
	340	360	342	343	363	347	348	349	352	356	366	358	368			
4009	X	X	X	X	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4013	X		X	X	X	X	X	X		X		X		5-1/2	5/16	5
4024	X	X	X	X	X					X	X	X		4-1/2	5/16	6
4046	X			X			X	X		X		X		5-1/2	5/16	6
4075	X		X	X		X	X	X		X		X		6-1/4 x 8 UN(M)		
4095	X		X	X			X	X	X	X		X		5-1/2	5/16	6
4195	X	X	X	X	X	X	X	X	X	X	X	X	X	6-3/4	5/16	6
4249	X		X	X										5-1/2	5/16	6
4281							X	X						5-17/32	3/8	6
4370*	X			X										5-1/2	5/16	6
4371*	X			X										6-1/4 x 8 UN(M)		
4372*	X			X										6-3/4	5/16	6

\*PSI

## LEGEND

- 340/360 - No Pipe Plug
- 342 - Dirt Exclusion Grease
- 343/363 - With Pipe Plug
- 348 - Sentinel® Oil
- 349 - Sentinel® Grease
- 350 - With ESP Sentinel® Plug
- 353 - With ESP Sentinel® Plug
- 356/366 - Sentinel® Oil - Integrated
- 358/368 - Sentinel® Grease Integrated
- 349 - Sentinel® Grease
- 4009 - Tapered Spindle "TN"
- 4195 - Parallel Spindle "TP"

# HUB CAP CROSSOVER

# WHEEL END

COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.
1282	SKF	340-4975
1612	SKF	343-4024
1612	SKF	360-4024
1612	SKF	361-4024
1612	SKF	363-4024
1612	SKF	364-4024
1612	SKF	366-4024
1612	SKF	367-4024
1612	SKF	369-4024
1623	SKF	343-4066
1627	SKF	343-4019
1642	SKF	343-4013
1643	SKF	343-4009
1643	SKF	360-4009
1643	SKF	361-4009
1643	SKF	363-4009
1643	SKF	364-4009
1643	SKF	366-4009
1643	SKF	367-4009
1643	SKF	368-4009
1643	SKF	369-4009
1665	SKF	343-4042
1681	SKF	343-4186
1682	SKF	343-4075
1696	SKF	343-4195
1696	SKF	360-4195
1696	SKF	361-4195
1696	SKF	363-4195
1696	SKF	364-4195
1696	SKF	366-4195
1696	SKF	367-4195
1696	SKF	368-4195
1696	SKF	369-4195
1703	SKF	343-4249
1711	SKF	343-4024
1723	SKF	343-4066
1727	SKF	343-4019
1742	SKF	343-4013
1743	SKF	343-4009
1743	SKF	343-4046
1743	SKF	343-4095
1753	SKF	343-4249
1765	SKF	343-4042
1770	SKF	343-4034
1781	SKF	343-4186
1788	SKF	343-4249
1800	SKF	347-4009

COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.
1801	SKF	347-4013
1811	SKF	343-4024
1823	SKF	343-4042
1742	SKF	343-4013
1843	SKF	343-4009
1843	SKF	343-4046
1843	SKF	343-4095
1865	SKF	343-4066
1870	SKF	343-4034
1890	SKF	343-4249
340-009	National	340-4009
340-009BK	National	300-4009
340-975	National	340-4975
340-975BK	National	340-4975
343-009	National	343-4009
343-009BK	National	303-4009
401911P	Mechanex/Barrier	340-4975
506085	Eaton	343-4024
506089	Eaton	343-4249
64002	TriSeal	343-4019
64009	TriSeal	343-4009
64009H	TriSeal	347-4009
64013	TriSeal	343-4013
64024	TriSeal	343-4024
64029	TriSeal	343-4186
64034	TriSeal	343-4034
64042	TriSeal	343-4024
64046	TriSeal	343-4046
64046	TriSeal	343-4095
64046	TriSeal	343-4249
64066	TriSeal	343-4066
64075A	TriSeal	343-4075
64075G	TriSeal	342-4075
64075P	SKF	340-4975
64249	SKF	343-4249
812928	SKF	343-4095
815214	SKF	343-4195
821338	SKF	343-4009
821907	SKF	343-4009
C40-4009	SKF	340-4009
C40-4009BP	SKF	300-4009
C40-4975	SKF	340-4975
C40-4975BP	SKF	340-4975
C40-5097BP	SKF	340-5097
C43-4009	SKF	343-4009
C43-4009BP	SKF	303-4009
C43-4013	SKF	343-4013
C43-4024	SKF	343-4024

COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.
C43-4042	SKF	343-4042
C43-4075	SKF	343-4075
C43-4095	SKF	343-4095
C43-4098	SKF	343-4098
C43-4249	SKF	343-4249
DG-5/6P	Dual Dynamics	340-4013
DG-5/6PS	Dual Dynamics	343-4013
DG-6F	Dual Dynamics	340-4046
DG-6F4.5	Dual Dynamics	340-4024
DG-6F4.5P	Dual Dynamics	343-4013
DG-6F4.SPC	Dual Dynamics	343-4024
DG-6F4.5S	Dual Dynamics	347-4075
DG-6FL	Dual Dynamics	340-4249
DG-6FP	Dual Dynamics	347-4009
DG-6FPC	Dual Dynamics	340-4024
DG-6P	Dual Dynamics	340-4009
DG-6PS	Dual Dynamics	343-4009
DG-6PSC	Dual Dynamics	340-4046
DG-7.5P	Dual Dynamics	340-4195
DG-7.5PS	Dual Dynamics	343-4195
DG-P	Dual Dynamics	340-4075
DG-PS	Dual Dynamics	343-4075
DG-PSC	Dual Dynamics	343-4249
H075	National	343-4075
HS1643	Mechanex/Barrier	343-4249
HU009A	National	343-4009
HU009A	National	343-4046
HU013A	National	343-4013
HU019A	National	343-4019
HU024A	National	343-4024
HU028A	National	343-4186
HU034A	National	343-4034
HU042A	National	343-4042
HU066A	National	343-4066
HU110A	National	343-4095
HU110A	National	343-4249
P411601	Mechanex/Barrier	343-4009
P411605	Mechanex/Barrier	343-4095
P411605	Mechanex/Barrier	343-4249
P411608	Mechanex/Barrier	343-4013
P411620	Mechanex/Barrier	343-4066
P411622	Mechanex/Barrier	343-4042
P411629	Mechanex/Barrier	343-4186
P411630	Mechanex/Barrier	343-4024
P411640	Mechanex/Barrier	343-4034
P411655	Mechanex/Barrier	343-4075
P411688	Mechanex/Barrier	343-4095
P411967	Mechanex/Barrier	343-4046

# HUB CAP TORQUE SPECS

THREADED HUB CAPS		HUB CAP MOUNTING BOLTS				HUB CAP COMPONENTS		
XXX-4075	100 ft/lbs	1/4"	8-12 ft/lbs	5/8"	22-26 ft/lbs	359-6032	#8 Torx Screw	18-23 in/lbs
340-4975	50-60 ft/lbs	5/16"	12-16 ft/lbs	3/4"	24-28 ft/lbs	359-5984	3/8" Mag Plug	5-9 ft/lbs
340-4976	50-60 ft/lbs	3/8"	16-20 ft/lbs	7/8"	26-30 ft/lbs	359-5985	3/8" Pipe Plug	5-9 ft/lbs
640-0003	50-60 ft/lbs	7/16"	18-22 ft/lbs	6MM	8-12 ft/lbs			
		1/2"	20-24 ft/lbs	8.5MM	12-16 ft/lbs			

STEMCO, Aeris, DataTrac, Defender, Hubdometer, PSI and Sentinel are trademarks of STEMCO LP.  
 ©2017 STEMCO LP. Printed in the USA.  
 Part No. 571-3185 | Rev. 10/17



an EnPro Industries company





- Axle-Installed
- Long-Life / High-Performance
- Predominant at OE Trailer Manufacturers



- Hub-Installed
- Normal Replacement Intervals
- Regular Duty



- Hub-Installed
- Long-Life
- High Performance Expectations



- Hub-Installed (with Axle Ring)
- Rugged and Durable
- Worn or Damaged Axles

## Hub Seal Reference Chart

APPLICATION	GUARDIAN® GUARDIAN® HP	VOYAGER®	DISCOVER® ENDEAVOR®	GRIT GUARD® STANDARD	GG/STANDARD COMPONENTS SEAL/RING	INNER BEARING	UNIVERSAL AXLE TOOL HEADS	UNIVERSAL HUB TOOL HEADS	BEARING GUIDE
19,000# Trailer Axle Standard Forge, Dana, Meritor, Eaton	307-0713	373-0113	373-0213	372-7098	2109/1507	663	555-5100	551-5313	570-0023
Pro-Par Trailer Axle Fruehauf, Eaton P-22, Meritor TP, Dana	307-0723	373-0123	373-0223 373-0323	372-7099	2023/1503	HM518445	555-5023	551-5401	570-0025
22,500# Trailer Axle Meritor, Standard Forge, Dana, Eaton	307-0743	373-0143	373-0243 373-0343	372-7097	2110/1504	HM218248	555-5039	551-5412	570-0026
20,000# Trailer Axle, Meritor, Shuler	307-0744	373-0144	N/A	372-7095	2118/1510	665A	555-5069	551-5321	570-0024
12,000# Meritor Front Transit	N/A	383-0101	N/A	382-8001	2086/1013	6386 or 6389 6379	555-5060 555-5014	551-5420	570-0020
Meritor Center Point	N/A	N/A	N/A	382-8028	2028/1028	756A	555-5067	551-5385	N/A
GMC F-120 to 1985	N/A	N/A	N/A	382-8034	2034/1034	HM212047	555-5066	551-5387	570-0019
12,000# Front Axle Meritor, Eaton, Ford, Freightliner, Kenworth, Western Star, Navistar, Peterbilt, Volvo GM	308-0836	383-0136	383-0236 383-0336	382-8036	2036/1036	39581 HM212044 HM212049, -X, X1 HM212047	555-5062 555-5061 555-5098 555-5066	551-5346 551-5346 551-5346 551-5346	570-0017 570-0018 570-0020 570-0019
12,000# Mack Front Axle Navistar Front Axle, FA 309, FA 329	N/A 308-0853	383-0139 383-0153	383-0239 N/A	382-8039 382-8053	2039/1038 2181/1093	641 or HM212049 641 or HM212049 H715345	NONE REQ'D 555-5060 555-5070 555-5060	551-5413 551-5419 551-5419 551-5344	570-0020 570-0020 570-0021 570-0020
9,000# Front Axle, Navistar, FA 109 Cast Wheel '79 and up	308-0855	383-0156	N/A	382-8056	---	---	---	---	---
12,000# Front Axle, Navistar	308-0856	383-0156	N/A	382-8056	2199/1093	H715345	555-5070	551-5344	570-0021
7,000#, 9,000# Front Axle, Ford	308-0863	N/A	N/A	382-8063	2133/1036	39581 45284	555-5062 555-5064	551-5353 551-5353	570-0017 N/A
16,000# Front Axle, Ford, Navistar, Mack, Meritor, White, Kenworth, Western Star, Peterbilt, Volvo GM	308-0864	383-0164	383-0264	382-8064	2137/1037	6461A	555-5007	551-5327	570-0022
6,000#, 7,500# Front Axle, Navistar	308-0866	383-0166	N/A	382-8066	2164/1008	JM207049 JM205149	555-5088 555-5089	551-5423 551-5423	570-0036 570-0033
Volvo FA 7.5 Front Axle	308-0870	N/A	N/A	N/A	N/A	JF7049A	555-5297	N/A	N/A
GMC F-120 1985 and up	N/A	383-0171	N/A	382-8071	2216/1034	HM212047	555-5066	551-5403	570-0019
8,000# Front Axle, GMC Topkick	N/A	383-0175	N/A	N/A	N/A	JM205149	NONE REQ'D	551-5417	570-0033
11,000# Front Axle, GMC Topkick	N/A	383-0176	N/A	N/A	N/A	33212	NONE REQ'D	551-5418	570-0031
34,000#, 38,000# Drive Axle, Mack	309-0903	393-0103	393-0203	392-9094	2129/1511	580 or 582	555-5072	551-5415	570-0023
44,000# Drive Axle, Mack	309-0904	393-0104	393-0204	392-9112 392-9130	2213/1515 2213/1519	663 or HMS16449, C HMS16449A	555-5072 555-5073	551-5414 551-5414	570-0023 570-0023
34,000# Drive Axle Eaton, Ford, Navistar, White	309-0912	393-0112	393-0212	392-9099	2102/1501	47685 or 47686 47678 or 5760	555-5031 555-5074	551-5416 551-5416	570-0023 570-0022
17,000# Single and 34,000# Tandem, GMC	309-0915	393-0115	N/A	Refer to above 392-9099 set 392-9034	---	47686	555-5031	551-5424	570-0023
Meritor Drive Transit	N/A	393-0134	N/A	392-9034	2061/1066	6580 6559	555-5023 555-5072	551-5421	570-0025 570-0023
15,000# Drive Axle, Ford, Meritor F-Series	309-0935	N/A	N/A	392-9035	2057/1062	33287	555-5011	551-5353	N/A
Mack Drive Axle 50,000# and 60,000#	309-0948	393-0148	N/A	392-9089	2097/1516	687 or 780	555-5004	551-5400	570-0032
GMC H/T 150 and H/T 175 Ford, Meritor H 170, 172, 175	309-0957	N/A	N/A	392-9057	2104/1018	495AX 33287	555-5074 555-5011	551-5383 551-5383	N/A N/A
38,000# Drive Axle Mack, GMC, Eaton, Meritor	309-0960	N/A	N/A	392-9132	2115/1530	598A 594A	555-5071 555-5076	551-5356 551-5356	570-0027 570-0028
34,000# Drive Axle, Meritor	309-0961	N/A	N/A	392-9095	2117/1509	580, 582 or 663A	555-5072	551-5325	N/A
19,000# Drive Axle Eaton, Navistar, Ford, GMC, White	309-0964	N/A	N/A	392-9088	2113/1517	594 or 594A	555-5076	551-5412	570-0028
Van Hool Bus	391-9066	N/A	N/A	392-9066	2115/1107	594A	555-5076	551-5356	570-0028
38,000#, 40,000# and 42,000# Tandem Drive Axles, Ford, Eaton, GMC, Mack, Navistar, White	309-0965	N/A	N/A	392-9092 392-9096	2131/1508 2114/1508	598 595 598	555-5071 555-5072 555-5071	551-5363 551-5412 551-5412	570-0027 570-0023 570-0027
38,000# Drive Axle, Eaton, Meritor, White	309-0970	N/A	N/A	392-9087	2162/1502	683XA or 683 681A	555-5076 555-5071	551-5333 551-5333	570-0028 570-0027
38,000#, 46,000# Tandem Axles, Eaton, Ford, Freightliner, Kenworth, Western Star, Peterbilt, Meritor, Navistar, Volvo GM	309-0973	393-0173	393-0273 393-0373	392-9131	2106/1525	594 or 594A 598 or 598A	555-5076 555-5071	551-5320 551-5320	570-0028 570-0027

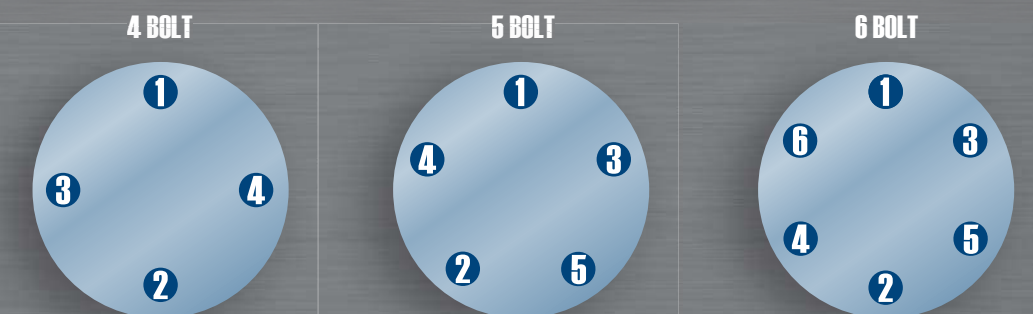
## POPULAR HUB CAP OPTIONS WITH BOLT SPECIFICATIONS



STEMCO BASE PART NUMBER	Standard Hub Cap, No Side Fill	Dirt Exclusion, Grease	Standard Hub Cap, Side Fill	Standard Hub Cap, Hub Window	Sealtel® Hub Cap	Sealtel® Hub Cap Grease	Solid Aluminum Grease/Vented	Integrated Sealtel® Oil	Integrated Sealtel® Grease	Bolt Circle	Bolt Size	Number of Bolts
	340	342	343	347	348	349	352	356	358			
4009	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4013	X	X	X	X	X	X	X	X	X	5-1/2	5/16	5
4024	X	X	X	X	X	X	X	X	X	4-1/2	5/16	6
4046	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4075	X	X	X	X	X	X	X	X	X	6-1/4 x 8 UN(M)		
4095	X	X	X	X	X	X	X	X	X	5/12	5/16	6
4195	X	X	X	X	X	X	X	X	X	6-3/4	5/16	6
4249	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4281					X					5-17/32	3/8	6
4370*	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4371*	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4372*	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6

\*PSI Hub Cap

## RECOMMENDED BOLT TIGHTENING SEQUENCE



## TORQUE SPECIFICATIONS

Hub Cap Mounting Bolts			
3/16	8-10 ft. lbs.	1/2	20-24 ft. lbs.
1/4	8-12 ft. lbs.	3/4	24-28 ft. lbs.
5/16	12-16 ft. lbs.	7/8	26-30 ft. lbs.
3/8	16-20 ft. lbs.	6 MM	8-12 ft. lbs.
7/16	18-22 ft. lbs.	8.5 MM	12-16 ft. lbs.

Hub Cap Components		
359-6032	#8 Torx Screw	25 in. lbs. Max.
359-5984	3/8 Mag Plug	5-9 ft. lbs. Max.
359-5985	3/8 Pipe Plug	5-9 ft. lbs. Max.

Threaded Hub Caps	
XXX-4075	100 ft. lbs.
340-4975	50-60 ft. lbs.
340-4976	50-60 ft. lbs.
640-0003	50-60 ft. lbs.

## Footnotes

- 1 SS4 Seal.
- 2 Use 555 Series Tool Heads with Universal Tool Body 555-0001. The Axle Tool Heads Install the Standard/Grit Guard® Rings & Guardian®/SS4 Seals.
- 3 Use 551 Series Tool Heads with new Universal Tool Handle 551-0001. The Hub Tool Installs the Standard Seal, Voyager® and Discover® Seals.
- 4 Use with 5.687" Bore Only.
- 5 Use with 5.500" Bore Only.
- 6 Does not fit Mack Applications.
- 7 Fits Mack Application Only.
- 8 Use with Wabco ABS.
- 9 HP Design.
- 10 Use 551-5395 for 320-2039 seal.
- 11 Use 551-5393 for 320-2129 seal.
- 12 Use 551-5364 for 320-2213 seal.
- 13 383-8139 includes 310-1132 shoulder bushing.
- 14 383-8239 includes 310-1132 shoulder bushing.
- 15 Use 551-5349 for 320-2181 seal.
- 16 Use 551-5318 for 320-2102 seal.
- 17 Use 551-5356 for 320-2061 seal.
- 18 Use 551-5366 for 320-2164 seal.
- 19 Use 551-5311 for 2086 seal.
- 20 Does not fit 5760 Inner Bearing.
- 21 Does not fit 6379 Inner Bearing.
- 22 Shaded numbers indicate obsolete parts.

## Hub Cap Crossover

COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.	COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.	COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.
1282	SKF	340-4975	343-009	National	343-4009	DG-6F4.5	Dual Dynamics	340-4024
1284	SKF	354-4075	343-009BK	National	303-4009	DG-6F4.5P	Dual Dynamics	343-4013
1311	SKF	340-4024	401911P	Mechanex/Barrier	340-4975	DG-6F4.5PC	Dual Dynamics	343-4024
1343	SKF	352-4009	506085	Eaton	343-4024	DG-6F4.5S	Dual Dynamics	347-4075
1399	SKF	352-4195	506089	Eaton	343-4249	DG-6FL	Dual Dynamics	340-4249
1612	SKF	343-4024	64002	TriSeal	343-4019	DG-6FP	Dual Dynamics	347-4009
1623	SKF	343-4066	64009	TriSeal	343-4009	DG-6FPC	Dual Dynamics	340-4024
1627	SKF	343-4019	64009H	TriSeal	347-4009	DG-6P	Dual Dynamics	340-4009
1642	SKF	343-4013	64013	TriSeal	343-4013	DG-6PS	Dual Dynamics	343-4009
1643	SKF	343-4009	64024	TriSeal	343-4024	DG-6PSC	Dual Dynamics	340-4046
1665	SKF	343-4042	64029	TriSeal	343-4186	DG-7.5P	Dual Dynamics	340-4195
1681	SKF	343-4186	64034	TriSeal	343-4034	DG-7.5PS	Dual Dynamics	343-4195
1682	SKF	343-4075	64042	TriSeal	343-4042	DG-P	Dual Dynamics	340-4075
1696	SKF	343-4195	64046	TriSeal	343-4046	DG-PS	Dual Dynamics	343-4075
1703	SKF	343-4249	64046	TriSeal	343-4095	DG-PSC	Dual Dynamics	343-4249
1711	SKF	343-4024	64046	TriSeal	343-4249	H075	National	343-4075
1723	SKF	343-4066	64066	TriSeal	343-4066	HS1643	Mechanex/Barrier	343-4249
1727	SKF	343-4019	64075A	TriSeal	343-4075	HU009A	National	343-4009
1742	SKF	343-4013	64075G	TriSeal	342-4075	HU009A	National	343-4046
1743	SKF	343-4009	64075P	TriSeal	340-4975	HU013A	National	343-4013
1743	SKF	343-4046	64249	TriSeal	343-4249	HU019A	National	343-4019
1743	SKF	343-4095	812928	Eaton	343-4095	HU024A	National	343-4024
1753	SKF	343-4249	815214	Eaton	343-4195	HU028A	National	343-4186
1765	SKF	343-4042	821338	Eaton	343-4009	HU034A	National	343-4034
1770	SKF	343-4034	821907	Eaton	343-4009	HU042A	National	343-4042



## SKF to STEMCO

SKF	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*	SKF	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*	SKF	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*
27438		N/A			39420		392-9018			44964		392-9033		
28758	308-0866	382-8066	383-0166		39425	309-0957	392-9057			45010		392-9033		
28820		372-7046			39426	308-0870	392-9057			45097	309-0903	392-9094	393-0103	393-0203
28832		382-8044			39977/455031		N/A			45093	309-0903	392-9094	393-0103	393-0203
29480					39979		382-8039	383-0139	383-0239	45099	309-0903	392-9094	393-0103	393-0203
31175		382-8009	383-0176		39990		382-8039	383-0139	383-0239	45102	308-0856 2	382-8056	383-0156 2	
31244/455001		382-8010			39988/455031		382-8039	383-0139	383-0239	45103	308-0856 2	382-8056	383-0156	
31266/455001		382-8062			40040		382-8052			45108	309-0903	392-9094	393-0103	393-0203
31281		372-7049			40086		382-8001	383-0101		45152 3	309-0973	392-9131	393-0173	393-0273
31307 1		320-2072 & 310-1064			40088		382-8001	383-0101		45158	309-0964	392-9088		
31307 2		392-9038			40091		382-8001	383-0101		45160	309-0964	392-9088		
32470		382-8017			40129	307-0713	372-7098	373-0113	373-0213	45162/455030		372-7015		
34386	309-0935	392-9035			40133	307-0713	372-7098	373-0113	373-0213	46300	307-0743	372-7097	373-0143	373-0243
34387	309-0935	392-9035			40136	307-0713	372-7098	373-0113	373-0213	46304	307-0743	372-7097	373-0143	373-0243
34972	308-0863	382-8063			40139		N/A			46305	307-0743	372-7097	373-0143	373-0243
34975	308-0863	382-8063			40146	307-0713	372-7098	373-0113	323-0213	46308	307-0743	372-7097	373-0143	373-0243
34999		392-9036			42550/455024		392-9045			46390/450208		372-7022		
35000		392-9036			42622	307-0723	372-7099	373-0123	373-0223	47245		392-9111		
35058	308-0836	382-8036	383-0136	383-0236	42623	307-0723	372-7099	373-0123	373-0223	47483		392-9066		
35059	308-0836	382-8036	383-0136	383-0236	42624		372-7091	373-0191		47690		392-9132		
35060/455004		N/A			42625		N/A			47691	309-0960	392-9098	393-0173	393-0273
35065	308-0836	382-8036	383-0136	383-0236	42627	307-0723	372-7099	373-0123	373-0223	47692	309-0973	392-9098	393-0173	393-0273
35072		N/A			42631	307-0723	372-7099	373-0123	373-0223	47693	309-0973	392-9131	393-0173	393-0273
35075 1		372-7006			42671	309-0904	392-9112	393-0104	393-0204	47695	309-0973	392-9131	393-0173	393-0273
35075 2		320-2031 & 310-1036			42672	309-0904	392-9112	393-0104	393-0204	47697	309-0973	392-9131	393-0173	393-0273
35102	308-0836	382-8036	383-0136	383-0236	42673	309-0904	392-9112	393-0104	393-0204	47698		N/A		
36285		382-8034			42800	309-0961	392-9095			47699	309-0970	392-9087		
36285/455035		382-8032			43752	307-0744	372-7095	373-0144		48000	309-0960	392-9081		
36357		382-8071	383-0171		43753	307-0744	372-7095	373-0144		48001	309-0960	392-9081		
36358		382-8071	383-0171		43754	307-0744	372-7095	373-0144		48297 1		N/A		
36365		382-8071	383-0171		43761	308-0864	382-8064	383-0164	383-0264	48297 2		320-2021 4		
36365/455037		382-8011	383-0171		43763	308-0864	382-8064	383-0164	383-0264	48298/OE		392-9062		
38709		N/A			43764	308-0864	382-8064	383-0164	383-0264	48690		392-9034	393-0134	
38747	309-0912	392-9099			43800/455034		382-8060			48691		392-9034	393-0134	
38748	309-0915	392-9099	393-0115		43860	309-0965	392-9096			48792		320-2009 & 310-1028		
38750	309-0915	392-9099	393-0115		43861	309-0965	392-9096			48794		382-8028		
38776	309-0912	392-9099	393-0112	393-0212	43865	309-0965	392-9096			48796		382-8045		
38779	309-0912	392-9099	393-0112	393-0212	43875	309-0973 1	392-9131 1	393-0173	393-0273	48884/455019		392-9001		
38780	309-0912	392-9099	393-0112	393-0212	44916	308-0853	382-8053	383-0153		50124		392-9007		
38783	309-0912	392-9099	393-0112	393-0212	44919	308-0853	382-8053	383-0153		52658	309-0948	392-9089	393-0148	
39380 1		320-2029 & 310-1018			44922	308-0853	382-8053	383-0153		52664	309-0948	392-9089	393-0148	
39380 2		392-9018			44963		392-9033			55177		392-9053		

## National to STEMCO

NATIONAL	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*	NATIONAL	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*	NATIONAL	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*
370001A (380001A)	308-0836	382-8036	383-0136	383-0236	370021A	309-0964	392-9088			370106A		392-9045		
370002A 1		372-7006			370022A (380022A)	309-0903	392-9094	393-0103	393-0203	370107A		372-7091	373-0191	
370002A 2		320-2032 & 310-1036			370023A (380023A)	309-0912	392-9099	393-0112	393-0212	370120A/AR23		392-9053		
370002A 3		320-2031 & 310-1036			370024A	309-0915	392-9099	393-0115		370121A		392-9062		
370003A (380003A)	309-0973	392-9131	393-0173	393-0273	370025A (380025A)	307-0743	372-7097	373-0143	373-0243	370124A	308-0853	382-8053	383-0153	
370004A/AR20		392-9001			370026A/AR2		372-7022			370132A	308-0856 2	382-8063	383-0156 2	
370005A		320-2115 4			370027A 1		N/A			370132A	308-0863	382-8063		
370005A	309-0960	392-9132			370027A 2		320-2021 4			370145A		382-8009		
370006A	309-0970	392-9087			370028A		392-9007			370150A	308-0866	382-8066	383-0166	
370007A 1		382-8028			370029A		320-2051 4			370165A		392-9099		
370007A 2		320-2028 4			370030A	309-0961	392-9095			370169A		392-9036		
370008A 1		320-2029 & 310-1018			370031A (380031A)	309-0904	392-9112	393-0104	393-0204	370173A	309-0960	392-9081		
370008A 2		392-9018			370033A/AR12		382-8039	383-0139	393-0273	370178A		320-2058 & 310-1093		
370008A 3		320-2029 4			370034A	309-0973	392-9131	393-0173		370179A		382-8027		
370009A	309-0957	392-9057			370036A 1		372-7003			370181A	309-0960	392-9132		
370010A 1		372-7046			370036A (380036A) 1	307-0713	372-7098	373-0113	373-0213	370182A	308-0864	382-8064	383-0164	383-0264
370010A 2		320-2018 & 310-1018			370037A	307-0744	392-9032			370192A		372-7015		
370011A		382-8071	383-0171		370037A		372-7095	373-0144		370195A		392-9034	393-0134	
370011A/AR4		382-8011			370046A		392-9038			370198A/AR25		382-8039	383-0139	383-0239
370012A		382-8034			370047A	309-0935	392-9035			370199A		N/A		
370012A/AR6		382-8032			370048A (380048A)	308-0864	382-8064	383-0164	383-0264	370211A		N/A		
370013A		320-2046 4			370054A		382-8044			370220A		392-9111		
370014A/AR5		382-8010			370057A 1		382-8045			370338A 1	307-0744	372-7095		
370015A		382-8052			370057A 2		382-8045			370349A 1	307-0713	372-7098	373-0113	373-0213
370018A		382-8017			370065A (380065A)	307-0723	320-2009 & 310-1028	373-0123	373-0223	370349A 2		392-9032		
370019A	309-0965	392-9092 (Mack)			370066A		372-7099	383-0101		376590A	307-0723	372-7099	373-0123	373-0223
370019A	309-0965	392-9096			370069A	309-0948	392-9089	393-0148						
370020A/AR10		382-8060			370086A	309-0973	392-9131	393-0173	393-0273					

## Outrunner to STEMCO

OUTRUNNER	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*	OUTRUNNER	GUARDIAN' HP HUB-SEAL	GRIT GUARD'/ STD. WHEEL SET	VOYAGER*	DISCOVER*	OUTRUNNER	GUARDIAN' HP HUB-SEAL	GRIT GUARD
-----------	-----------------------	-----------------------------	----------	-----------	-----------	-----------------------	-----------------------------	----------	-----------	-----------	-----------------------	------------



# STEMCO®

# HUB CAPS

## PROVIDING PERFORMANCE AND VALUE SINCE 1951



STEMCO has provided the trucking industry with reliable hub caps for more than 60 years. Throughout our history, we have recognized the need for tougher, long lasting hub caps that meet the performance, design and price requirements related to selecting the right hub cap for any fleet. To meet that need, STEMCO has engineered a menu of hub cap options designed to meet the varying performance expectations of each fleet, all in an effort to maximize performance and value.

### **Innovative Product Line**

Product and application specific technology designed to eliminate contaminants and extend wheel end life.

### **Superior Materials**

Cast aluminum to dissipate heat.

### **Numerous Lubricant Options**

Oil, semi-fluid grease, and hard pack grease hub caps to meet performance, design and price requirements of today's fleets worldwide.

### **Broad Application Coverage**

Full line coverage for trailer and tractor applications.

### **Made in the USA**

STEMCO hub caps are made in Longview, TX.



*A Higher Standard of Performance.™*

an EnPro Industries company

## Traditional Hub Caps

The traditional aluminum series 340 and 343 provide durability with the trademark red plug to allow venting of the hub cap. Using cast aluminum for constructing the hub cap body prevents warpage and provides superior durability and heat dissipation properties. The trucking industry recognizes STEMCO hub caps as the benchmark.



**343-4024**  
Steer



**343-4046**  
Steer



**343-4065**  
Steer



**343-4095**  
Steer



**343-4249**  
Steer



**346-5110**  
Steer



**340-4119**  
Drive



**340-4975**  
Trailer



**343-4009**  
Trailer



**343-4064**  
Trailer



**343-4075**  
Trailer



**343-4342**  
Trailer

## Sentinel® Hub Caps

Sentinel® Technology provides an unmatched filtering system to eliminate contamination of lubricant from grime, dirt or water. STEMCO provides four options to put Sentinel® Technology to work for you:

The Sentinel® hub cap provides a tamper-proof system for maximum protection and maintenance-free performance.

Integrated Sentinel® hub caps integrate the Sentinel® features into the window with fewer components and greater wheel end visibility.

The Sentinel® ESP (Extended Service Plug) and Sentinel® ESP Filtered Drive Axle Vent allow economical retrofitting of wheel ends and drive axles with the benefits of STEMCO's exclusive Sentinel® Technology.



**348-4009**  
Trailer



**356-4009**  
Trailer



**353-4009**  
Trailer



**359-6125**  
ESP Plug

**359-6124**  
Blister Pack (2/pk)



**359-6137**  
Drive Axle Vent



## Inflation Hub Caps

STEMCO tire inflation hub caps are available in both oil and grease for several popular applications. The oil hub caps have a side fill plug and a standard window with oil fill lines. The grease hub caps do not have a side fill plug and incorporate a gray opaque window with no markings.



**343-4370**  
PSI



**343-4307**  
TireMAXX®

Note: Questions regarding PSI and TireMAXX® should be directed to the manufacturers.

## Hubodometer® Hub Caps

STEMCO Hubodometer® hub caps provide ease and convenience when installing our mechanical or electronic DataTrac® hubodometers. The 347 series aluminum hub cap is mounted with a hubo window while the 640 series is a full grilamid Hubodometer® hub cap with a metallic flange. Both allow for mounting of the hubodometer directly through the center of the hub cap.



**347-4009**  
Trailer



**640-0001**  
Trailer

## Grease Hub Caps

For grease applications, the 342 series Dirt Exclusion hub caps provide the same 340 casting without a side fill plug, plus a solid window with a sintered metal vent for venting purposes. To further support grease wheel ends, STEMCO developed the 352 series solid aluminum hub caps with a duckbill vent inserted in the face of a solid hub cap.



**352-4009**  
Trailer



**342-4009**  
Trailer

## Stamped Steel Hub Caps

STEMCO stamped steel grease hub caps are manufactured from 14 gage steel and have a protective yellow chromate plating with a clear lacquer coating for additional protection from corrosion. For synthetic base grease use the vented 340-5096 version cap. For petroleum base grease use the non-vented 340-5097 cap.



**340-0044**  
Steer



**340-5096**  
Trailer



**340-5097**  
Trailer

## POPULAR HUB CAP OPTIONS WITH BOLT SPECIFICATIONS

STEMCO BASE PART NUMBER	Standard Hub Cap, No Side Fill	Dirt Exclusion Grease	Standard Hub Cap, Side Fill	Standard Hub Cap, Hubo Window	Sentinel® Hub Cap	Sentinel® Hub Cap Grease	Solid Aluminum Grease / Vented	Integrated Sentinel® Oil	Integrated Sentinel® Grease	Bolt Circle	Bolt Size	Number of Bolts
	340	342	343	347	348	349	352	356	358			
4009	X	X	X	X	X	X	X	X	X	5-1/2	5/16	6
4013	X	X	X	X	X	X	X	X	X	5-1/2	5/16	5
4024	X	X	X				X	X	X	4-1/2	5/16	6
4046	X		X		X	X	X	X	X	5-1/2	5/16	6
4075	X	X	X	X	X	X	X	X	X	6-1/4 x 8	UN(M)	
4095	X	X	X		X	X	X	X	X	5-1/2	5/16	6
4195	X	X	X	X	X	X	X	X	X	6-3/4	5/16	6
4249	X	X	X							5-1/2	5/16	6
4281					X	X				5-17/32	3/8	6
4370*	X		X							5-1/2	5/16	6
4371*	X		X							6-1/4 x 8	UN(M)	
4372*	X		X							6-3/4	5/16	6

\*PSI

## LEGEND

- 340** - No Pipe Plug
- 342** - Dirt Exclusion Grease
- 343** - With Pipe Plug
- 348** - Sentinel® Oil
- 349** - Sentinel® Grease
- 350** - With ESP Sentinel® Plug
- 353** - With ESP Sentinel® Plug
- 356** - Sentinel® Oil - Integrated
- 358** - Sentinel® Grease Integrated
- 349** - Sentinel® Grease
- 4009** - Tapered Spindle "TN"
- 4195** - Parallel Spindle "TP"



# Hub Cap Crossover

COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.	COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.	COMPETITIVE PART NO.	COMPETITOR'S NAME	STEMCO PART NO.
1282	SKF	340-4975	401911P	Mechanex/Barrier	340-4975	DG-6F4.5	Dual Dynamics	340-4024
1612	SKF	343-4024	506085	Eaton	343-4024	DG-6F4.5P	Dual Dynamics	343-4013
1623	SKF	343-4066	506089	Eaton	343-4249	DG-6F4.5PC	Dual Dynamics	343-4024
1627	SKF	343-4019	64002	TriSeal	343-4019	DG-6F4.5S	Dual Dynamics	347-4075
1642	SKF	343-4013	64009	TriSeal	343-4009	DG-6FL	Dual Dynamics	340-4249
1643	SKF	343-4009	64009H	TriSeal	347-4009	DG-6FP	Dual Dynamics	347-4009
1665	SKF	343-4042	64013	TriSeal	343-4013	DG-6FPC	Dual Dynamics	340-4024
1681	SKF	343-4186	64024	TriSeal	343-4024	DG-6P	Dual Dynamics	340-4009
1682	SKF	343-4075	64029	TriSeal	343-4186	DG-6PS	Dual Dynamics	343-4009
1696	SKF	343-4195	64034	TriSeal	343-4034	DG-6PSC	Dual Dynamics	340-4046
1703	SKF	343-4249	64042	TriSeal	343-4042	DG-7.5P	Dual Dynamics	340-4195
1711	SKF	343-4024	64046	TriSeal	343-4046	DG-7.5PS	Dual Dynamics	343-4195
1723	SKF	343-4066	64046	TriSeal	343-4095	DG-P	Dual Dynamics	340-4075
1727	SKF	343-4019	64046	TriSeal	343-4249	DG-PS	Dual Dynamics	343-4075
1742	SKF	343-4013	64066	TriSeal	343-4066	DG-PSC	Dual Dynamics	343-4249
1743	SKF	343-4009	64075A	TriSeal	343-4075	H075	National	343-4075
1743	SKF	343-4046	64075G	TriSeal	342-4075	HS1643	Mechanex/Barrier	343-4249
1743	SKF	343-4095	64075P	TriSeal	340-4975	HU009A	National	343-4009
1753	SKF	343-4249	64249	TriSeal	343-4249	HU009A	National	343-4046
1765	SKF	343-4042	812928	Eaton	343-4095	HU013A	National	343-4013
1770	SKF	343-4034	815214	Eaton	343-4195	HU019A	National	343-4019
1781	SKF	343-4186	821338	Eaton	343-4009	HU024A	National	343-4024
1788	SKF	343-4249	821907	Eaton	343-4009	HU028A	National	343-4186
1800	SKF	347-4009	C40-4009	SKF	340-4009	HU034A	National	343-4034
1801	SKF	347-4013	C40-4009BP	SKF	300-4009	HU042A	National	343-4042
1811	SKF	343-4024	C40-4975	SKF	340-4975	HU066A	National	343-4066
1823	SKF	343-4042	C40-4975BP	SKF	340-4975	HU110A	National	343-4095
1842	SKF	343-4013	C40-5097BP	SKF	340-5097	HU110A	National	343-4249
1843	SKF	343-4009	C43-4009	SKF	343-4009	P411601	Mechanex/Barrier	343-4009
1843	SKF	343-4046	C43-4009BP	SKF	303-4009	P411605	Mechanex/Barrier	343-4095
1843	SKF	343-4095	C43-4013	SKF	343-4013	P411605	Mechanex/Barrier	343-4249
1865	SKF	343-4066	C43-4024	SKF	343-4024	P411608	Mechanex/Barrier	343-4013
1870	SKF	343-4034	C43-4042	SKF	343-4042	P411620	Mechanex/Barrier	343-4066
1890	SKF	343-4249	C43-4075	SKF	343-4075	P411622	Mechanex/Barrier	343-4042
340-009	National	340-4009	C43-4095	SKF	343-4095	P411629	Mechanex/Barrier	343-4186
340-009BK	National	300-4009	C43-4098	SKF	343-4098	P411630	Mechanex/Barrier	343-4024
340-975	National	340-4975	C43-4249	SKF	343-4249	P411640	Mechanex/Barrier	343-4034
340-975BK	National	340-4975	DG-5/6P	Dual Dynamics	340-4013	P411655	Mechanex/Barrier	343-4075
343-009	National	343-4009	DG-5/6PS	Dual Dynamics	343-4013	P411688	Mechanex/Barrier	343-4095
343-009BK	National	303-4009	DG-6F	Dual Dynamics	340-4046	P411967	Mechanex/Barrier	343-4046

# Hub Cap Torq Specs

## THREADED HUB CAPS

XXX-4075	100 ft/lbs
340-4975	50-60 ft/lbs
340-4976	50-60 ft/lbs
640-0003	50-60 ft/lbs

## HUB CAP MOUNTING BOLTS

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	6MM	8-12 ft/lbs
1/2"	20-24 ft/lbs	8.5MM	12-16 ft/lbs

## HUB CAP COMPONENTS

359-6032	#8 Torx Screw	18-23 in/lbs
359-5984	3/8" Mag Plug	5-9 ft/lbs
359-5985	3/8" Pipe Plug	5-9 ft/lbs