

**WHEEL END**

# STEMCO® HUB CAPS

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



  
**STEMCO®**  
Making the Roadways Safer®

# 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.

**WHEEL END**

## 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 (50/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 been powder coated black for additional protection from corrosion, inside and out. For synthetic-base semi-fluid grease, use the vented 340-5096 version cap. For hard pack grease, use the non-vented 340-5097 cap.



340-0044 Non-Vented Steer    340-5096 Vented Trailer    340-5097 Non-Vented Trailer    352-4009 Trailer    342-4009 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.

## 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 PSJ™

## 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 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

## 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		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

## 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"

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# STEMCO HUB CAPS



## 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	1781	SKF	343-4186	C43-4009	SKF	343-4009
1612	SKF	343-4024	1788	SKF	343-4249	C43-4009BP	SKF	303-4009
1612	SKF	360-4024	1800	SKF	347-4009	C43-4013	SKF	343-4013
1612	SKF	361-4024	1801	SKF	347-4013	C43-4024	SKF	343-4024
1612	SKF	363-4024	1811	SKF	343-4024	C43-4042	SKF	343-4042
1612	SKF	364-4024	1823	SKF	343-4042	C43-4075	SKF	343-4075
1612	SKF	366-4024	1742	SKF	343-4013	C43-4095	SKF	343-4095
1612	SKF	367-4024	1843	SKF	343-4009	C43-4098	SKF	343-4098
1612	SKF	369-4024	1843	SKF	343-4046	C43-4249	SKF	343-4249
1623	SKF	343-4066	1843	SKF	343-4095	DG-5/6P	Dual Dynamics	340-4013
1627	SKF	343-4019	1865	SKF	343-4066	DG-5/6PS	Dual Dynamics	343-4013
1642	SKF	343-4013	1870	SKF	343-4034	DG-6F	Dual Dynamics	340-4046
1643	SKF	343-4009	1890	SKF	343-4249	DG-6F4.5	Dual Dynamics	340-4024
1643	SKF	360-4009	340-009	National	340-4009	DG-6F4.5P	Dual Dynamics	343-4013
1643	SKF	361-4009	340-009BK	National	300-4009	DG-6F4.5PC	Dual Dynamics	343-4024
1643	SKF	363-4009	340-975	National	340-4975	DG-6F4.5S	Dual Dynamics	347-4075
1643	SKF	364-4009	340-975BK	National	340-4975	DG-6FL	Dual Dynamics	340-4249
1643	SKF	366-4009	343-009	National	343-4009	DG-6FP	Dual Dynamics	347-4009
1643	SKF	367-4009	343-009BK	National	303-4009	DG-6FPC	Dual Dynamics	340-4024
1643	SKF	368-4009	64002	TriSeal	343-4019	DG-6P	Dual Dynamics	340-4009
1643	SKF	369-4009	64009	TriSeal	343-4009	DG-6PS	Dual Dynamics	343-4009
1665	SKF	343-4042	64009H	TriSeal	347-4009	DG-6PSC	Dual Dynamics	340-4046
1681	SKF	343-4186	64013	TriSeal	343-4013	DG-7.5P	Dual Dynamics	340-4195
1682	SKF	343-4075	64024	TriSeal	343-4024	DG-7.5PS	Dual Dynamics	343-4195
1696	SKF	343-4195	64029	TriSeal	343-4186	DG-P	Dual Dynamics	340-4075
1696	SKF	360-4195	64034	TriSeal	343-4034	DG-PS	Dual Dynamics	343-4075
1696	SKF	361-4195	64042	TriSeal	343-4024	DG-PSC	Dual Dynamics	343-4249
1696	SKF	363-4195	64046	TriSeal	343-4046	H075	National	343-4075
1696	SKF	364-4195	64046	TriSeal	343-4095	HU009A	National	343-4009
1696	SKF	366-4195	64046	TriSeal	343-4249	HU009A	National	343-4046
1696	SKF	367-4195	64066	TriSeal	343-4066	HU013A	National	343-4013
1696	SKF	368-4195	64075A	TriSeal	343-4075	HU019A	National	343-4019
1696	SKF	369-4195	64075G	TriSeal	342-4075	HU024A	National	343-4024
1703	SKF	343-4249	64075P	SKF	340-4975	HU028A	National	343-4186
1711	SKF	343-4024	64249	SKF	343-4249	HU034A	National	343-4034
1723	SKF	343-4066	812928	SKF	343-4095	HU042A	National	343-4042
1727	SKF	343-4019	815214	SKF	343-4195	HU066A	National	343-4066
1742	SKF	343-4013	821338	SKF	343-4009	HU110A	National	343-4095
1743	SKF	343-4009	821907	SKF	343-4009	HU110A	National	343-4249
1743	SKF	343-4046	C40-4009	SKF	340-4009			
1743	SKF	343-4095	C40-4009BP	SKF	300-4009			
1753	SKF	343-4249	C40-4975	SKF	340-4975			
1765	SKF	343-4042	C40-4975BP	SKF	340-4975			
1770	SKF	343-4034	C40-5097BP	SKF	340-5097			

## 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			



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Learn more at [www.stemco.com](http://www.stemco.com)