

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.



STEMCO®

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

POPULAR REPLACEMENT PARTS

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	STEMCO HUB CAP OPTIONS										Bolt Circle	Bolt Size	Number of Bolts
	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				
	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	5-1/2	5/16	5	
4024	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	5/12	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							5-1/2	5/16	6	
4372*	X		X							5-1/2	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

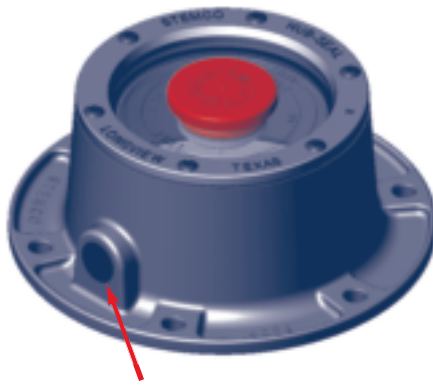
4009 Hub Cap Side Fill Design Change

TO: ALL DISTRIBUTORS OF STEMCO WHEEL END PRODUCTS

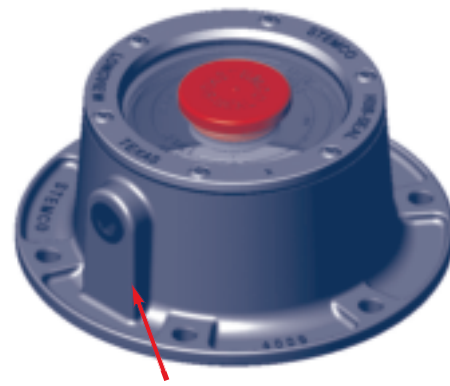
STEMCO introduces a new 4009 hub cap side fill casting design change as a continuous improvement effort to aid in filling oil wheel ends through the side fill plug.

A running change to the new design is targeted for release by the end of August 2007. The design change involves moving of the side fill boss further out from the flange to eliminate the chance of spindle interference when adding oil through the side fill boss.

A list of the part numbers affected by this change is listed below. STEMCO part numbers will remain the same.



Old Design



New Design

STEMCO Hub Cap Part Numbers Affected by Design Change			
343-4009	347-4009	343-4314	353-5099
343-4370	343-4303	353-4009	343-4360
343-4122	348-4009	343-4342	356-4009

Thank you for your continued support of STEMCO products.



A Higher Standard of Performance.SM

ISO 9001:2000 & ISO/TS 16949

