



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



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
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			

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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.

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

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	X	5-1/2	5/16	6
4075	X	X	X	X	X	X	X	X	X	6-1/4 x 8	UN(M)	6
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)	6
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