

SENTINEL®



EXCEPTIONAL PROTECTION FROM THE ELEMENTS, GUARANTEED

Sentinel® Hub Cap technology provides an unmatched filtering system to eliminate contamination from dirt, dust, sand and water, all while making it easy to visually monitor lube levels. Featuring an innovative design and durable construction, Sentinel hub caps help extend equipment life, reduce maintenance and increase profitability.

Sentinel Hub Cap

Provides a tamper-proof hub cap system for maximum protection and maintenance-free performance.

Sentinel ESP (Extended Service Plug)

Allows Sentinel Technology to be retrofitted on existing wheel ends with drive axle plugs or aftermarket plugs.

World Class Innovation

The only water proof hub cap in the industry.

Versatile

Order OEM or retrofit in the aftermarket on a trailer, drive or steer axle.

A Corrosion-Free Option

STEMCO Defender™ hub caps with Sentinel Technology are made from composite materials with stainless steel reinforcement inserts that will not corrode.

SENTINEL: KEEPING WATCH OVER WHEEL ENDS

- Prevents dirt and water from contaminating the oil, thereby extending seal and bearing life.
- Dramatically reduces contaminant build-up on hub cap windows, allowing for an accurate determination of lube levels.
- Eliminates early oil breakdown by preventing water contamination as a result of submerged axles.
- Provides maximum protection for maintenance-free wheel end systems.
- Improves performance and lowers overall maintenance costs.



SENTINEL HUB CAP



INTEGRATED SENTINEL HUB CAP

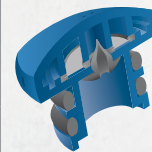
SENTINEL HUB CAP

STEMCO BASE PART NO.	OIL CAP	GREASE CAP	BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS	GASKET NUMBER	OIL WINDOW KIT	GREASE WINDOW KIT
4009	348-4009	349-4009	5 1/2"	5/16"	6	330-3009	359-6112	359-6120
4013	348-4013	349-4013	5 1/2"	5/16"	5	330-3013	359-6112	359-6120
4046	348-4046	349-4046	5 1/2"	5/16"	6	330-3009	359-6112	359-6120
4075	348-4075	349-4075		6 1/4" x 8" UN(M)		330-3077	359-6112	359-6120
4095	348-4095	349-4095	5 1/2"	5/16"	6	330-3009	359-6112	359-6120
4195	348-4195	349-4195	6 3/4"	5/16"	6	330-3118	359-6112	359-6120
4281	348-4281	N/A	5 17/32"	3/8"	6	330-3122	359-6112	359-6120

SENTINEL ESP

(EXTENDED SERVICE PLUG)

STEMCO PART NO.	DESCRIPTION
359-6124	ESP Plug Blister Pack (2/pk)
359-6125	ESP Plugs (bulk pack of 50)

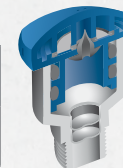


INTEGRATED SENTINEL HUB CAP

STEMCO BASE PART NO.	OIL CAP	GREASE CAP	BOLT CIRCLE	BOLT SIZE	NO. OF BOLTS	GASKET NUMBER	OIL WINDOW KIT	GREASE WINDOW KIT
4009	356-4009	358-4009	5 1/2"	5/16"	6	330-3009	359-6145	359-6146
4009	366-4009	368-4009	5 1/2"	5/16"	6	330-3009		
4013	356-4013	358-4013	5 1/2"	5/16"	5	330-3013	359-6145	359-6146
4024	356-4024	358-4024	4 1/2"	5/16"	6	330-3024	359-6143	359-6144
4024	366-4009	368-4009	5 1/2"	5/16"	6	330-3009		
4025	356-4025	358-4025	5 7/8"	5/16"	6	330-3025	359-6143	359-6144
4046	356-4046	358-4046	5 1/2"	5/16"	6	330-3009	359-6145	359-6146
4075	356-4075	358-4075		6 1/4" x 8" UN(M)		330-3077	359-6145	359-6146
4080	356-4080	358-4080	6	3/8"	6	330-3060	359-6143	359-6144
4095	356-4095	358-4095	5 1/2"	5/16"	6	330-3009	359-6145	359-6146
4119	356-4119	358-4119	7	5/8"	8	330-3090	359-6145	359-6146
4150	356-4150	358-4150	4 1/2"	5/16"	5	330-3150	359-6143	359-6144
4195	356-4195	358-4195	6 3/4"	5/16"	6	330-3118	359-6145	359-6146
4195	360-4195	368-4195	6 3/4"	5/16"	6	330-3118		
4195	366-4195	368-4195	6 3/4"	5/16"	6	330-3118		

SENTINEL ESP FILTERED VENT

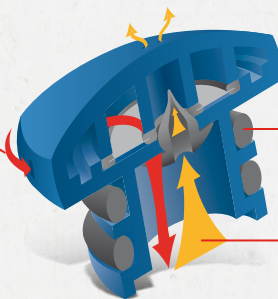
STEMCO PART NO.	DESCRIPTION
359-6137	Drive Axle Vent (3/8" adapter)



SENTINEL HUB CAP BULK PACK

STEMCO PART NO.	DESCRIPTION
300-5009	340-4009 Hub Cap with ESP Plug Bulk Pack (50/box)
303-5009	343-4009 Hub Cap with ESP Plug Bulk Pack (50/box)

To relieve vacuum, the Sentinel interior check valve lifts slightly, drawing air into the wheel end through the water-resistant filter. The duck-bill check valve remains closed, blocking dirt, grime and other contaminants from entering.



A second O-ring increases plug retention.

To relieve pressure, the duck-billed pressure relief valve opens, allowing pressure to vent out. The umbrella check valve remains closed, stopping lubricant from leaking out and contaminants from flowing in.

Making the Roadways Safer®

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Part No. 571-3038 | Rev. 8/19

STEMCO®
A Higher Standard of Performance.™

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